

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020223\
 Data File : VN076507.D
 Acq On : 02 Feb 2023 13:51
 Operator : JC\MD
 Sample : VN0202WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0202WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/03/2023
 Supervised By : Mahesh Dadoda 02/03/2023

Quant Time: Feb 03 00:58:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	472123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	786696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	705771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	320224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	305420	57.776	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.560%			
35) Dibromofluoromethane	8.177	113	262148	53.270	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.540%			
50) Toluene-d8	10.571	98	916058	50.404	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.800%			
62) 4-Bromofluorobenzene	12.853	95	330822	55.759	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	78840	16.296	ug/l	99
3) Chloromethane	2.377	50	99311	19.826	ug/l	96
4) Vinyl Chloride	2.530	62	86638	14.105	ug/l	98
5) Bromomethane	2.971	94	70932	14.102	ug/l	96
6) Chloroethane	3.136	64	60970	13.238	ug/l	97
7) Trichlorofluoromethane	3.518	101	150116	17.765	ug/l	93
8) Diethyl Ether	3.977	74	58877	20.773	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.389	101	85526	17.879	ug/l	99
10) Methyl Iodide	4.600	142	126471	17.308	ug/l	96
11) Tert butyl alcohol	5.536	59	67379	95.293	ug/l	99
12) 1,1-Dichloroethene	4.359	96	76835	16.991	ug/l	95
13) Acrolein	4.200	56	79677	94.226	ug/l	99
14) Allyl chloride	5.041	41	111574	21.172	ug/l	88
15) Acrylonitrile	5.736	53	201534	100.160	ug/l	98
16) Acetone	4.442	43	170486	100.560	ug/l	97
17) Carbon Disulfide	4.730	76	159493	14.165	ug/l	97
18) Methyl Acetate	5.041	43	116754	20.330	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	312109	21.201	ug/l	99
20) Methylene Chloride	5.294	84	101350	19.848	ug/l	95
21) trans-1,2-Dichloroethene	5.800	96	86248	17.605	ug/l	94
22) Diisopropyl ether	6.683	45	270424	21.760	ug/l	98
23) Vinyl Acetate	6.618	43	836788	104.184	ug/l	98
24) 1,1-Dichloroethane	6.588	63	165681	20.000	ug/l	97
25) 2-Butanone	7.494	43	252958	97.735	ug/l	95
26) 2,2-Dichloropropane	7.500	77	137194	19.650	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	109688	19.197	ug/l	97
28) Bromochloromethane	7.818	49	73004	21.743	ug/l	98
29) Tetrahydrofuran	7.847	42	164646	103.072	ug/l	97
30) Chloroform	7.971	83	188200	20.532	ug/l	96
31) Cyclohexane	8.265	56	131032	16.136	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	163683	19.559	ug/l	90
36) 1,1-Dichloropropene	8.377	75	118603	16.961	ug/l	100
37) Ethyl Acetate	7.565	43	103657	18.504	ug/l	98
38) Carbon Tetrachloride	8.371	117	139447	17.882	ug/l	94
39) Methylcyclohexane	9.606	83	144400	16.910	ug/l	94
40) Benzene	8.612	78	384549	18.391	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	58977	20.082	ug/l	98
42) 1,2-Dichloroethane	8.677	62	144898	20.254	ug/l	98
43) Isopropyl Acetate	8.694	43	180002	19.727	ug/l	98
44) Trichloroethene	9.359	130	103990	17.584	ug/l	97
45) 1,2-Dichloropropane	9.624	63	97586	19.493	ug/l	99
46) Dibromomethane	9.712	93	72387	19.151	ug/l	98
47) Bromodichloromethane	9.888	83	148274	20.226	ug/l	98
48) Methyl methacrylate	9.682	41	84878	19.649	ug/l	97
49) 1,4-Dioxane	9.700	88	35326	387.568	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	540672	100.939	ug/l	100
52) Toluene	10.635	92	254033	18.167	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	145198	20.777	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	157893	19.639	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	107772	20.164	ug/l	97
56) Ethyl methacrylate	10.876	69	147725	21.409	ug/l	95
57) 1,3-Dichloropropane	11.165	76	172671	19.880	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	200380	86.020	ug/l	99
59) 2-Hexanone	11.200	43	379956	97.887	ug/l	99
60) Dibromochloromethane	11.359	129	117246	20.839	ug/l	99
61) 1,2-Dibromoethane	11.470	107	105506	19.776	ug/l	98
64) Tetrachloroethene	11.106	164	107168	16.838	ug/l	96
65) Chlorobenzene	11.894	112	269840	18.087	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	108693	19.581	ug/l	100
67) Ethyl Benzene	11.965	91	480757	18.828	ug/l	99
68) m/p-Xylenes	12.070	106	373603	36.489	ug/l	97
69) o-Xylene	12.400	106	187517	18.650	ug/l	95
70) Styrene	12.412	104	306458	19.089	ug/l	98
71) Bromoform	12.582	173	78263	19.523	ug/l #	99
73) Isopropylbenzene	12.700	105	480453	19.394	ug/l	100
74) N-amyl acetate	12.494	43	147049	20.636	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	143725	20.182	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	131227m	21.963	ug/l	
77) Bromobenzene	12.982	156	114217	19.377	ug/l	93
78) n-propylbenzene	13.041	91	546628	19.556	ug/l	99
79) 2-Chlorotoluene	13.129	91	338551	19.738	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	415876	20.039	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	37507	19.488	ug/l	96
82) 4-Chlorotoluene	13.129	91	338551	19.738	ug/l	98
83) tert-Butylbenzene	13.441	119	372470	20.179	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	412161	19.806	ug/l	98
85) sec-Butylbenzene	13.617	105	496466	19.384	ug/l	99
86) p-Isopropyltoluene	13.729	119	419694	19.927	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	210756	18.050	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	206664	18.670	ug/l	97
89) n-Butylbenzene	14.059	91	321996	19.259	ug/l	99
90) Hexachloroethane	14.335	117	68833	18.936	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	212580	18.280	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	27312	22.063	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	105171	19.533	ug/l	99
94) Hexachlorobutadiene	15.506	225	60490	19.601	ug/l	97
95) Naphthalene	15.641	128	331140	21.009	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	104574	20.227	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

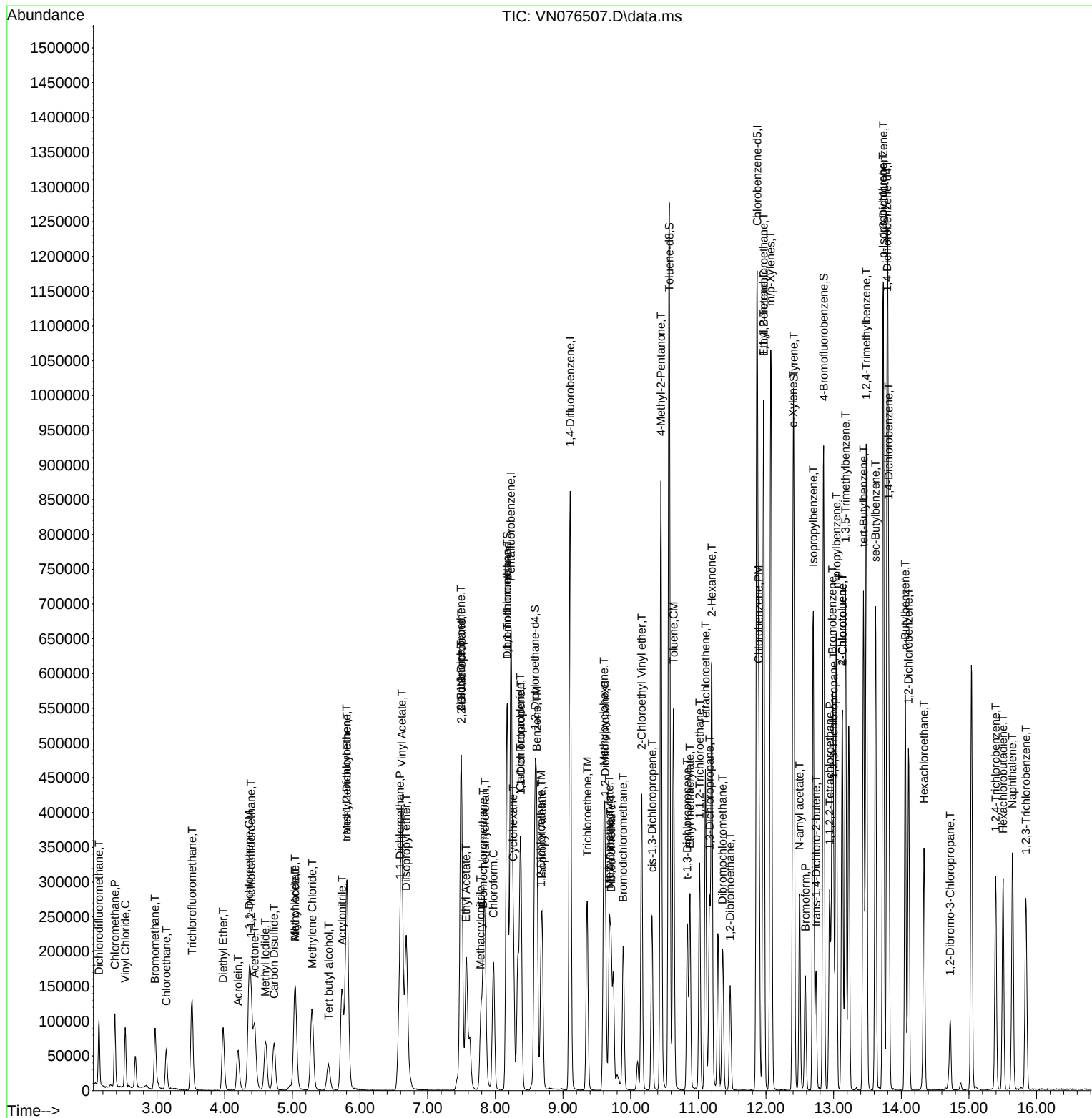
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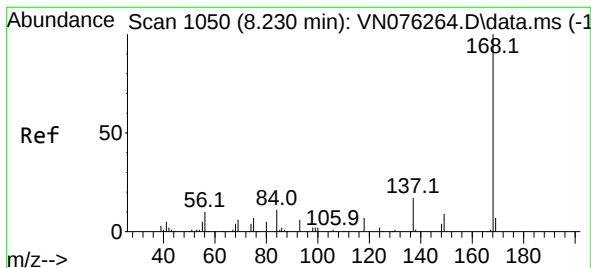
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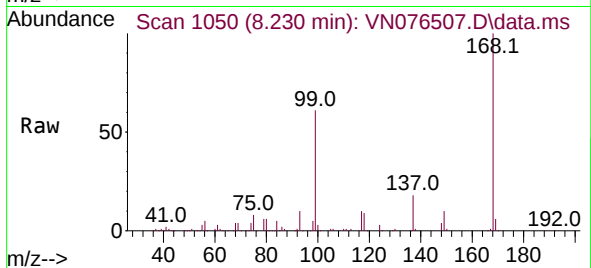
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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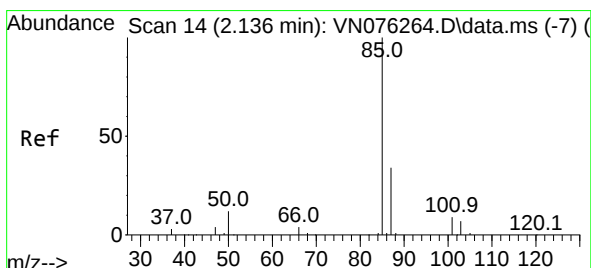
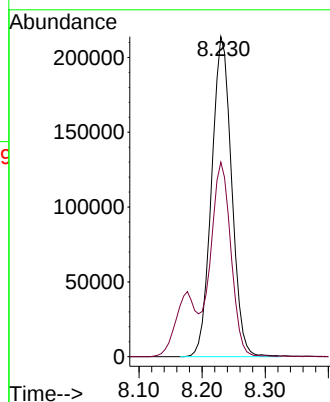
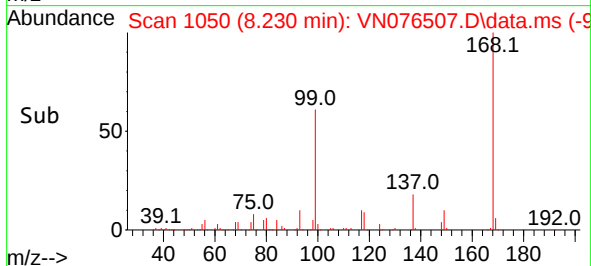
Instrument :
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Tgt Ion:168 Resp: 47212
Ion Ratio Lower Upper
168 100
99 60.6 41.6 62.4

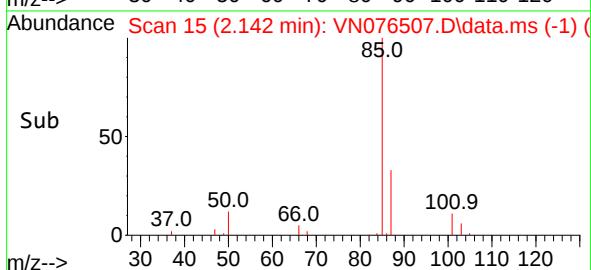
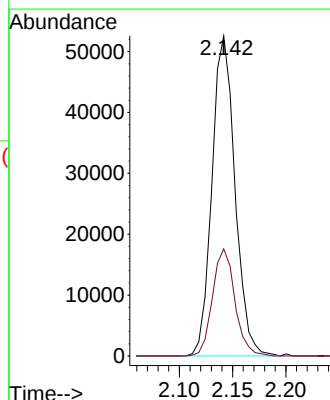
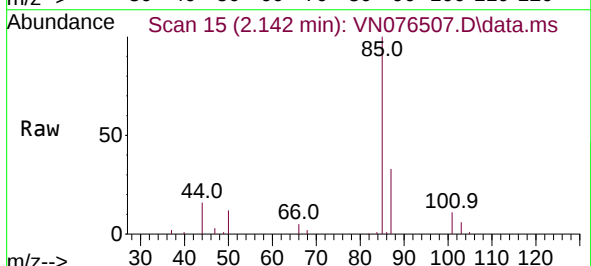
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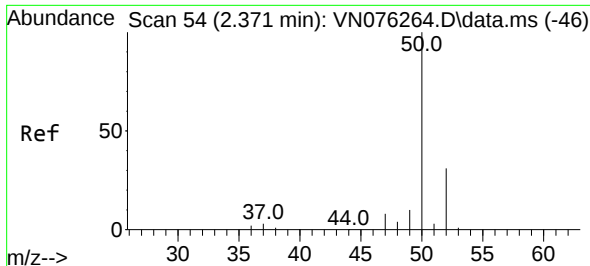
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023



#2
Dichlorodifluoromethane
Concen: 16.296 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

Tgt Ion: 85 Resp: 78840
Ion Ratio Lower Upper
85 100
87 33.5 17.1 51.2





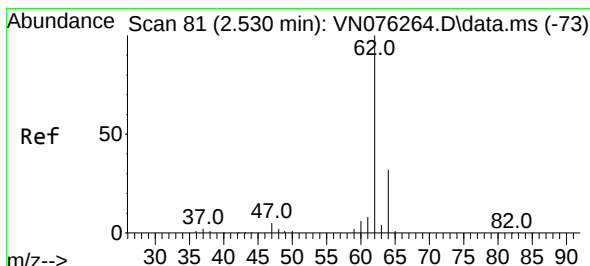
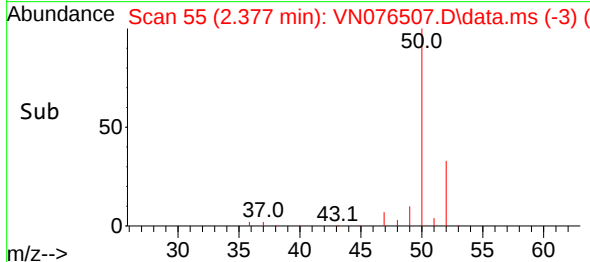
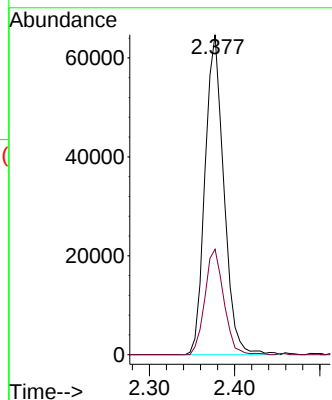
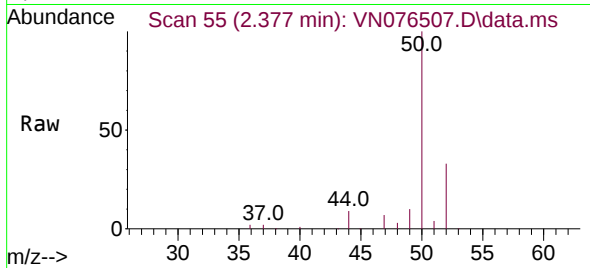
#3
Chloromethane
Concen: 19.826 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

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Tgt Ion: 50 Resp: 9931
Ion Ratio Lower Upper
50 100
52 33.0 24.8 37.2

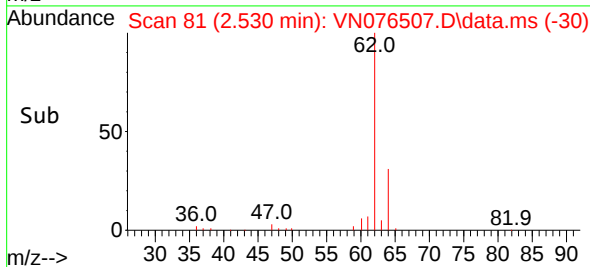
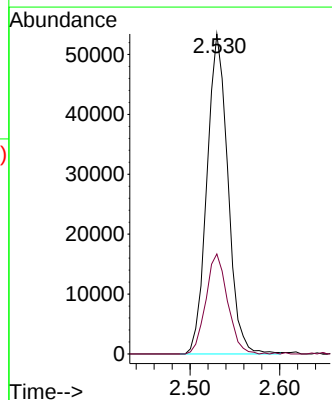
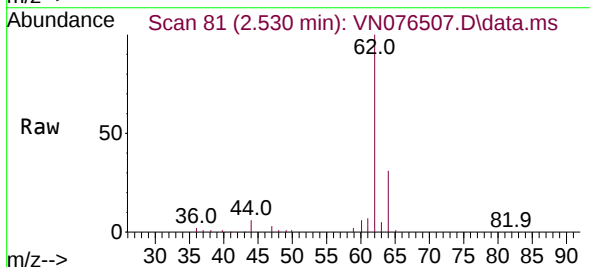
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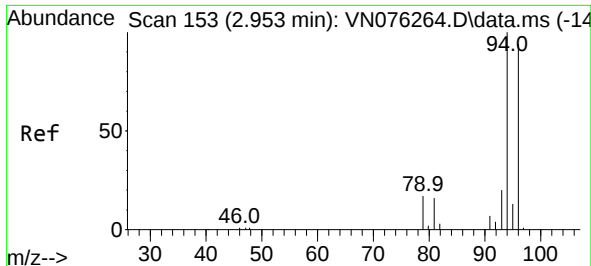
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023



#4
Vinyl Chloride
Concen: 14.105 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

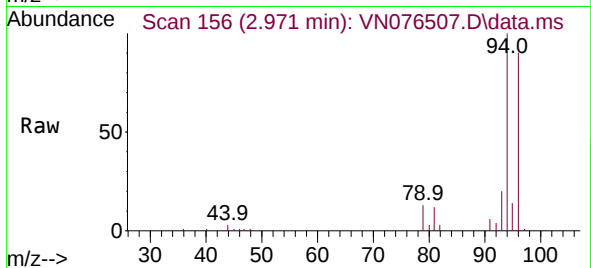
Tgt Ion: 62 Resp: 86638
Ion Ratio Lower Upper
62 100
64 31.3 25.8 38.6





#5
Bromomethane
Concen: 14.102 ug/l
RT: 2.971 min Scan# 156
Delta R.T. 0.018 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

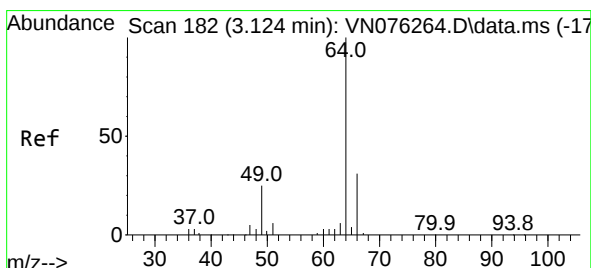
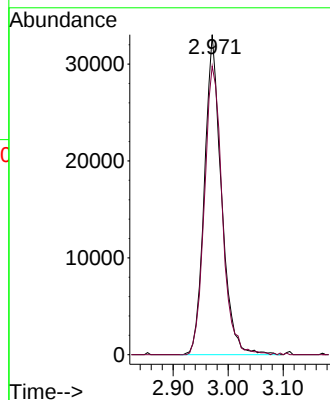
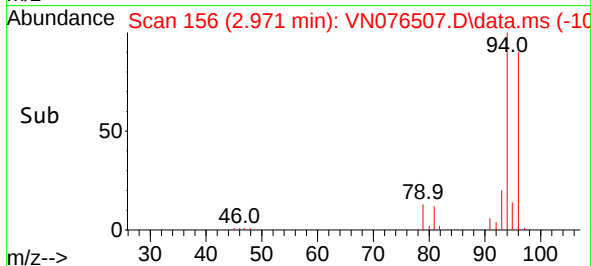
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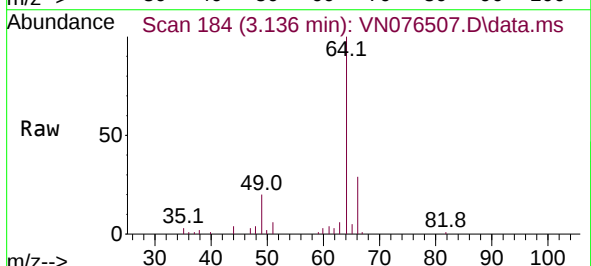
Tgt Ion: 94 Resp: 7093
Ion Ratio Lower Upper
94 100
96 90.2 75.1 112.7

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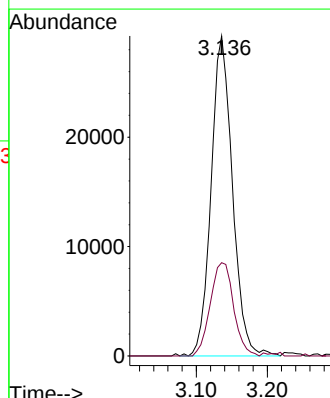
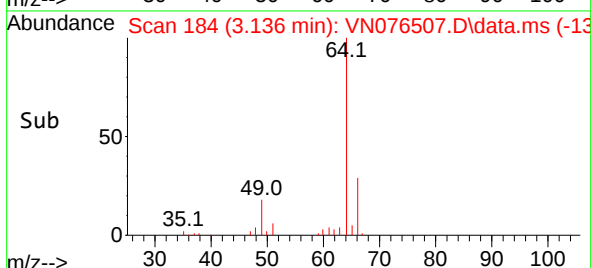
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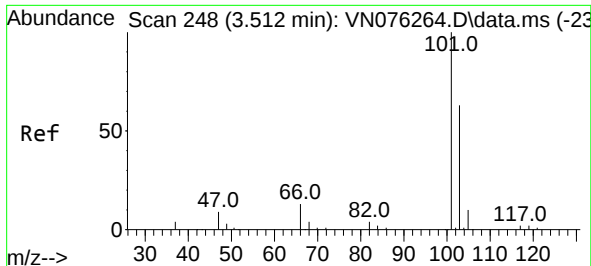


#6
Chloroethane
Concen: 13.238 ug/l
RT: 3.136 min Scan# 184
Delta R.T. 0.012 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51



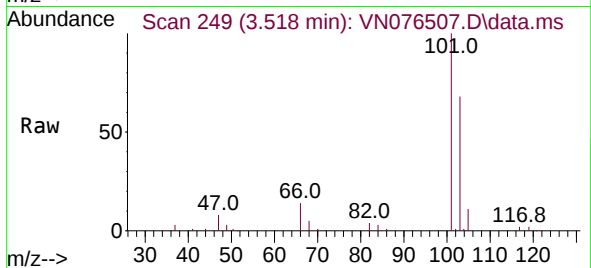
Tgt Ion: 64 Resp: 60970
Ion Ratio Lower Upper
64 100
66 29.1 24.8 37.2





#7
Trichlorofluoromethane
Concen: 17.765 ug/l
RT: 3.518 min Scan# 248
Delta R.T. 0.006 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

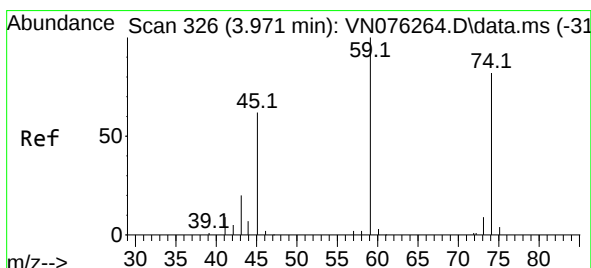
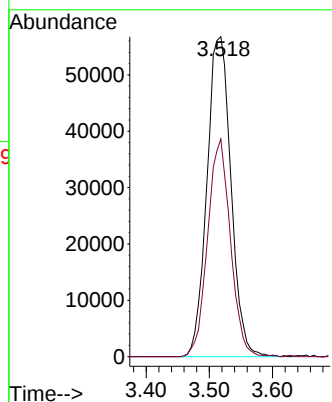
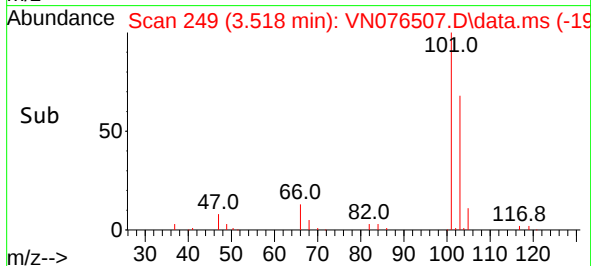
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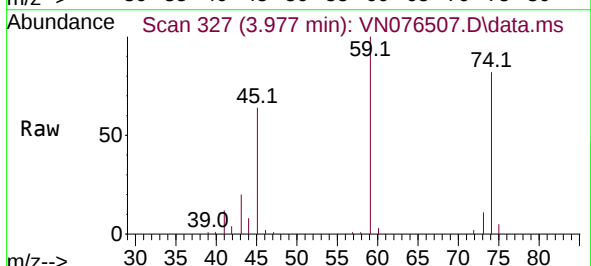
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Ion Ratio Lower Upper
101 100
103 68.0 50.2 75.4

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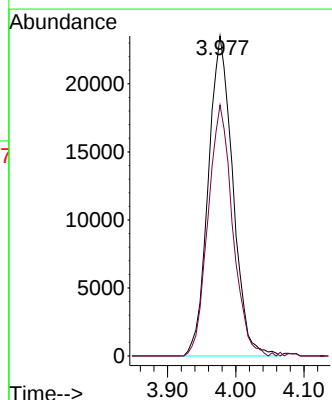
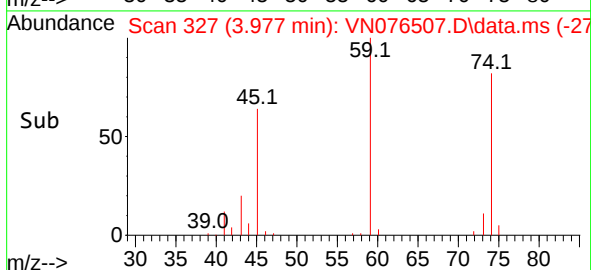
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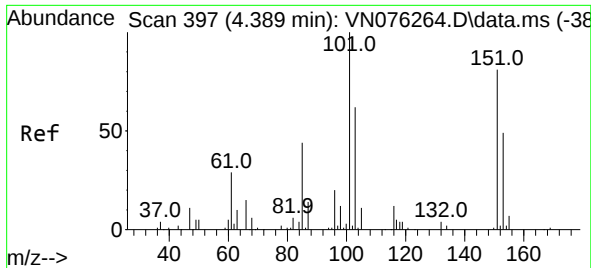


#8
Diethyl Ether
Concen: 20.773 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51



Tgt Ion: 74 Resp: 58877
Ion Ratio Lower Upper
74 100
45 78.4 37.8 113.3





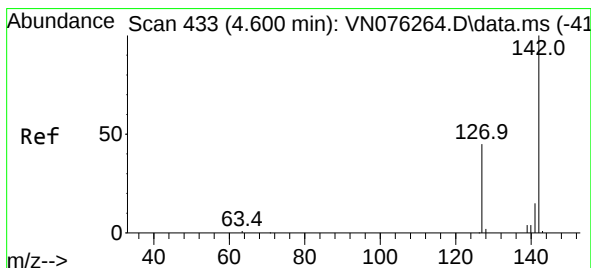
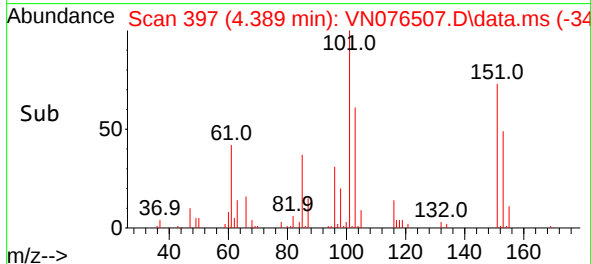
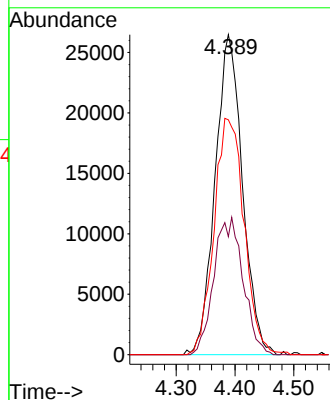
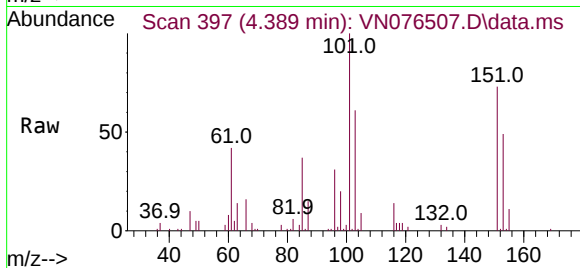
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.879 ug/l
RT: 4.389 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD02

Tgt Ion:101 Resp: 85520
Ion Ratio Lower Upper
101 100
85 45.8 35.5 53.3
151 81.4 65.5 98.3

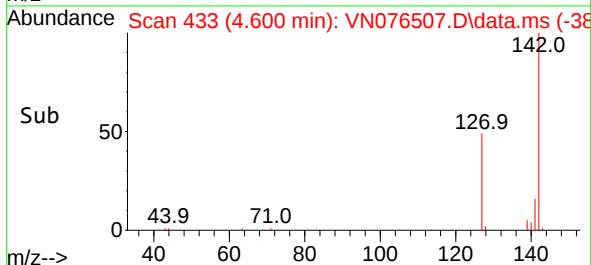
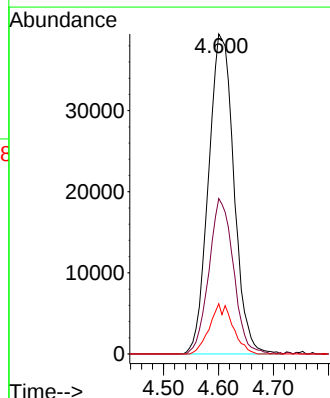
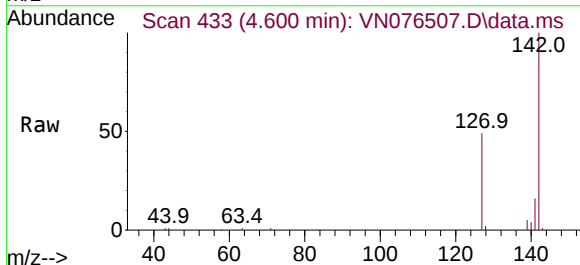
Manual Integrations
APPROVED

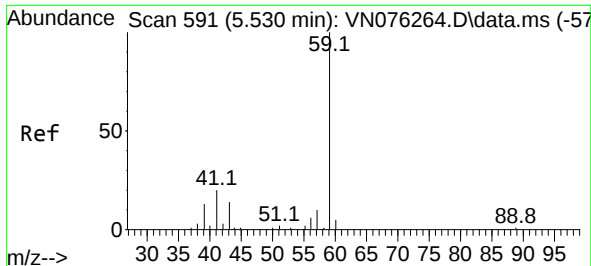
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023



#10
Methyl Iodide
Concen: 17.308 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

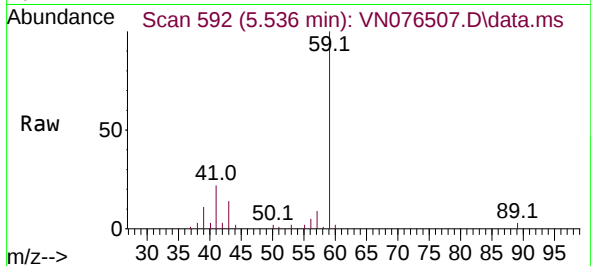
Tgt Ion:142 Resp: 126471
Ion Ratio Lower Upper
142 100
127 46.9 35.0 52.4
141 14.5 11.5 17.3





#11
Tert butyl alcohol
Concen: 95.293 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

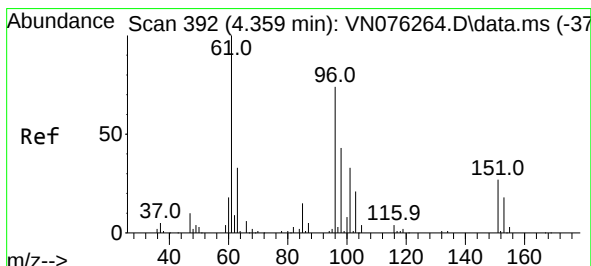
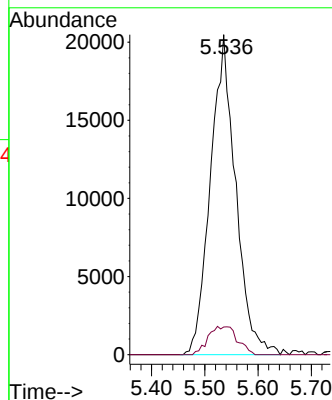
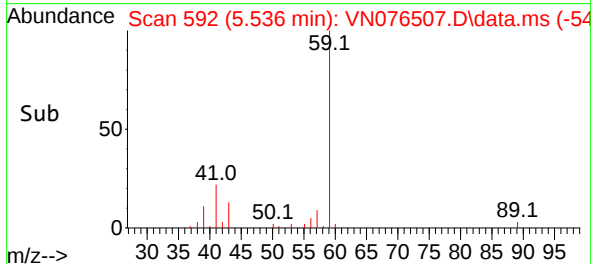
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD02



Tgt Ion: 59 Resp: 67379
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7

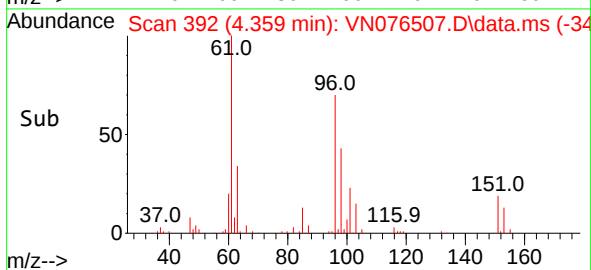
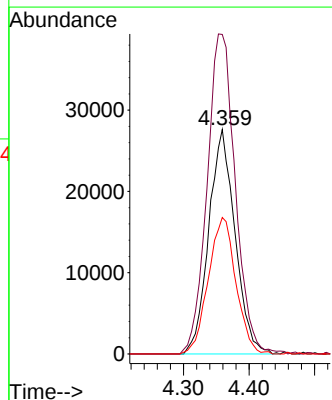
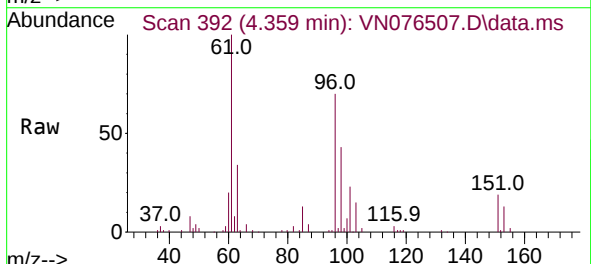
Manual Integrations
APPROVED

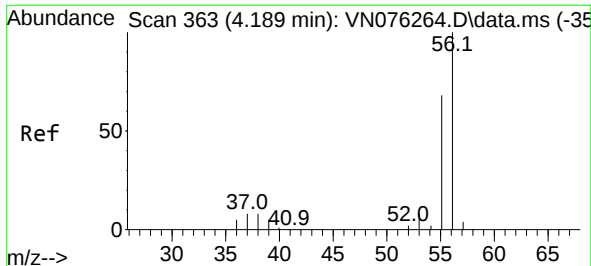
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023



#12
1,1-Dichloroethene
Concen: 16.991 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

Tgt Ion: 96 Resp: 76835
Ion Ratio Lower Upper
96 100
61 142.3 108.2 162.4
98 60.8 47.0 70.6





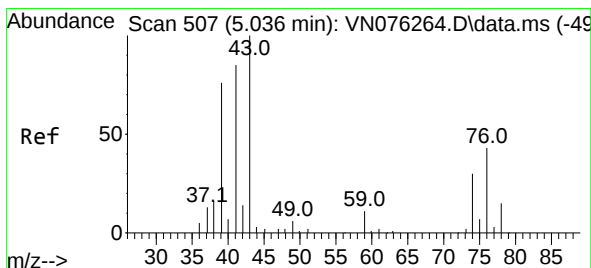
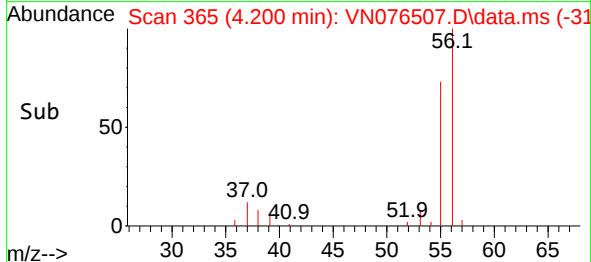
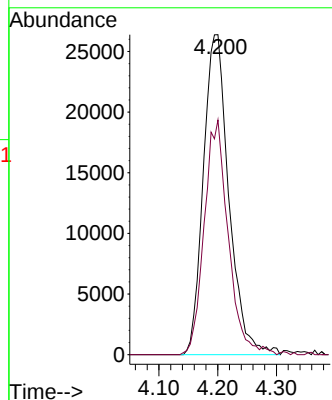
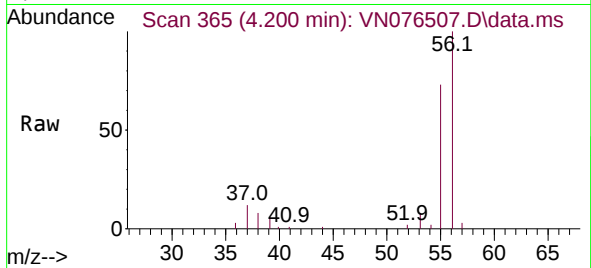
#13
Acrolein
Concen: 94.226 ug/l
RT: 4.200 min Scan# 30
Delta R.T. 0.011 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD02

Tgt Ion: 56 Resp: 7967
Ion Ratio Lower Upper
56 100
55 68.9 55.8 83.6

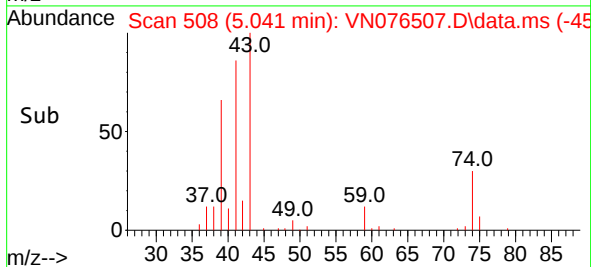
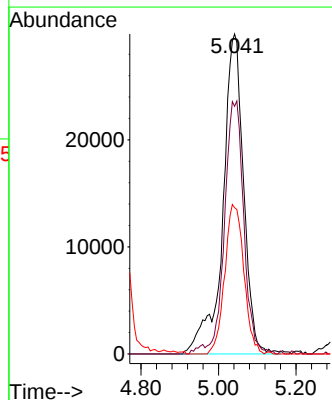
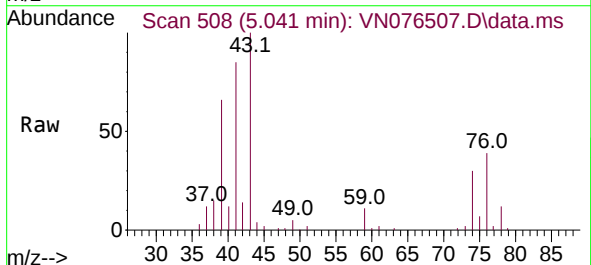
Manual Integrations
APPROVED

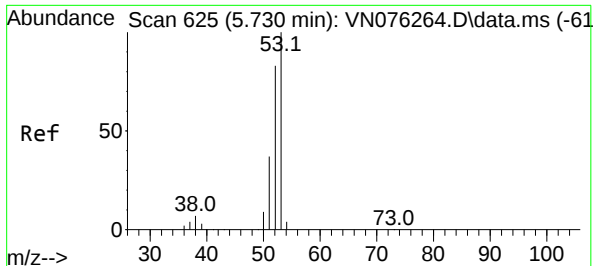
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023



#14
Allyl chloride
Concen: 21.172 ug/l
RT: 5.041 min Scan# 508
Delta R.T. 0.005 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

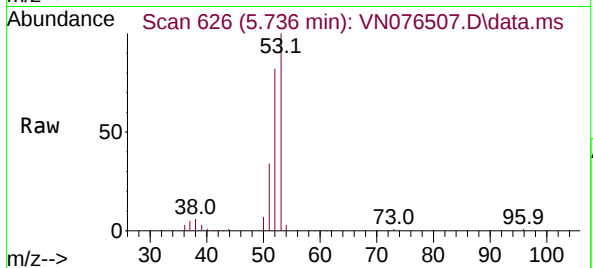
Tgt Ion: 41 Resp: 111574
Ion Ratio Lower Upper
41 100
39 72.3 67.4 101.0
76 42.8 39.8 59.8





#15
Acrylonitrile
Concen: 100.160 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

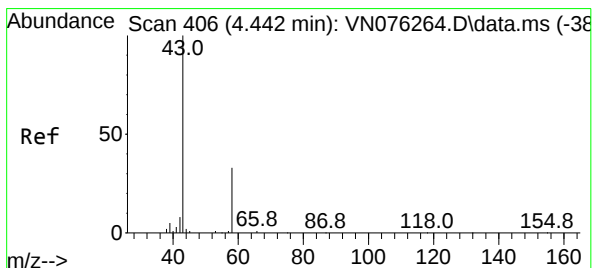
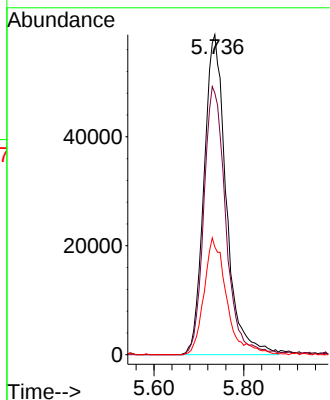
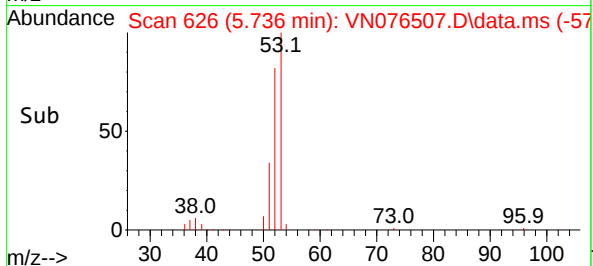
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD02



Tgt Ion: 53 Resp: 201534
Ion Ratio Lower Upper
53 100
52 83.1 64.7 97.1
51 37.4 29.2 43.8

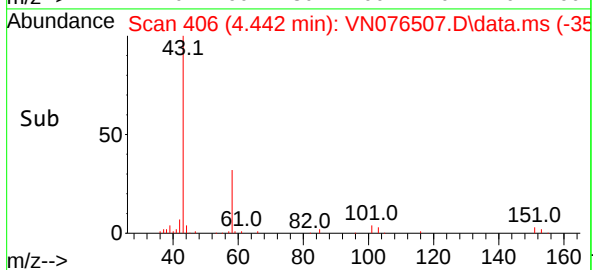
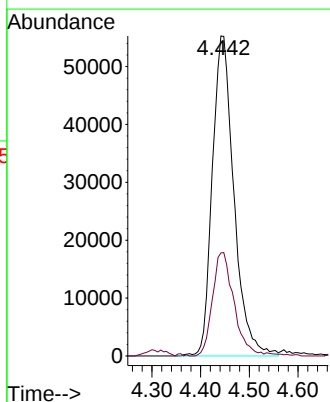
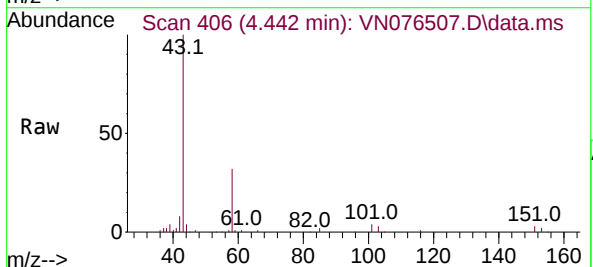
Manual Integrations
APPROVED

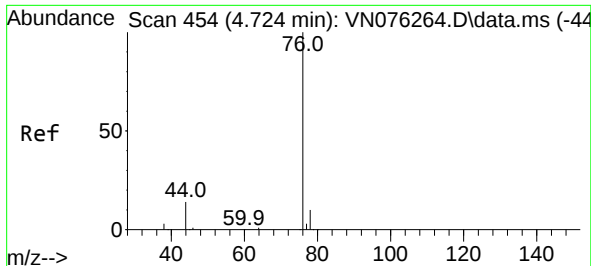
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023



#16
Acetone
Concen: 100.560 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

Tgt Ion: 43 Resp: 170486
Ion Ratio Lower Upper
43 100
58 31.7 26.7 40.1





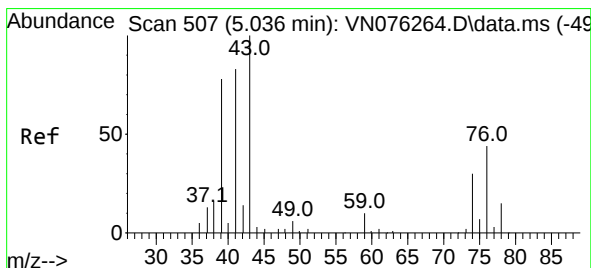
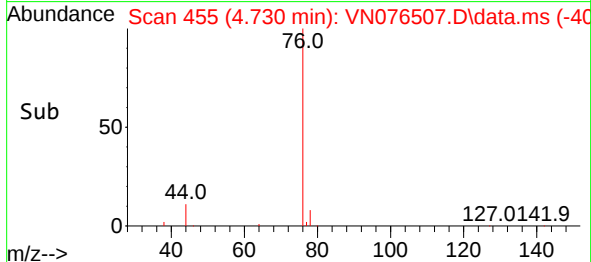
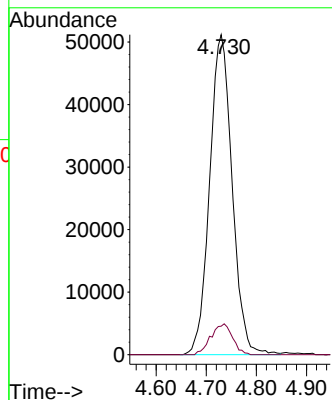
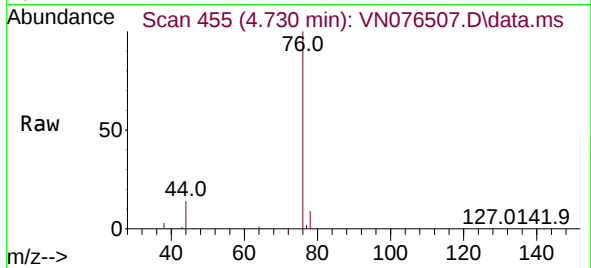
#17
Carbon Disulfide
Concen: 14.165 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD02

Tgt Ion: 76 Resp: 15949
Ion Ratio Lower Upper
76 100
78 8.9 8.0 12.0

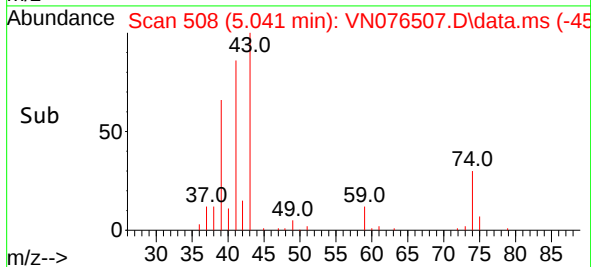
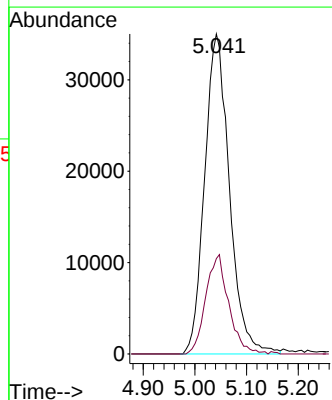
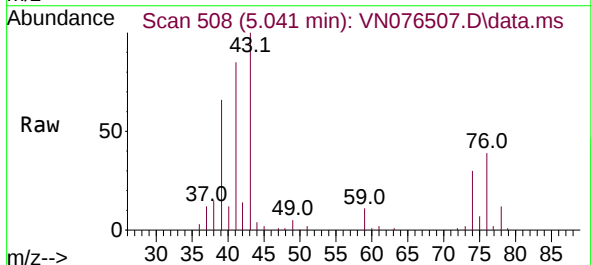
Manual Integrations
APPROVED

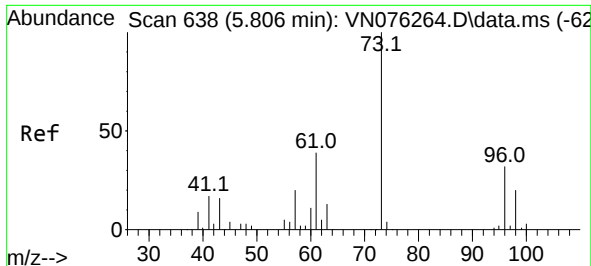
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023



#18
Methyl Acetate
Concen: 20.330 ug/l
RT: 5.041 min Scan# 508
Delta R.T. 0.005 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

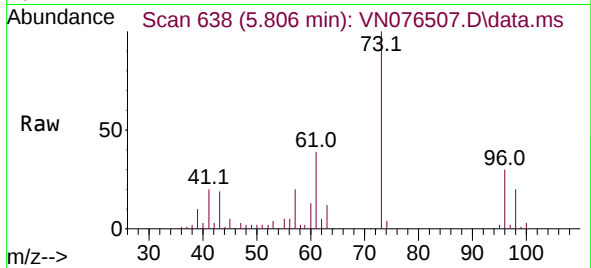
Tgt Ion: 43 Resp: 116754
Ion Ratio Lower Upper
43 100
74 28.7 23.3 34.9





#19
Methyl tert-butyl Ether
Concen: 21.201 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

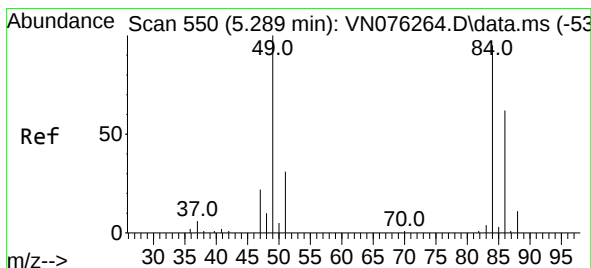
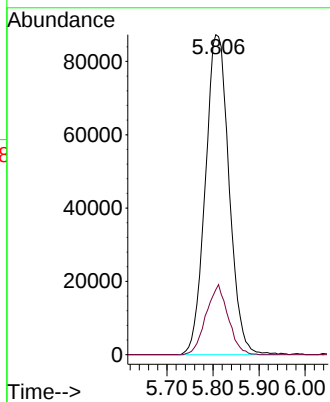
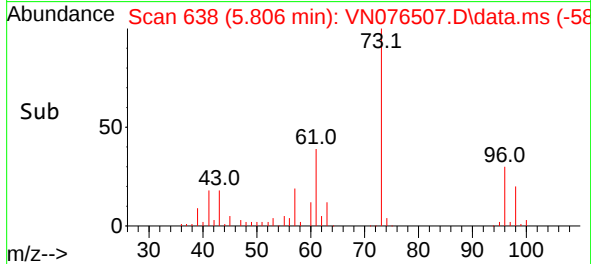
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD02



Tgt Ion: 73 Resp: 312109
Ion Ratio Lower Upper
73 100
57 20.3 15.9 23.9

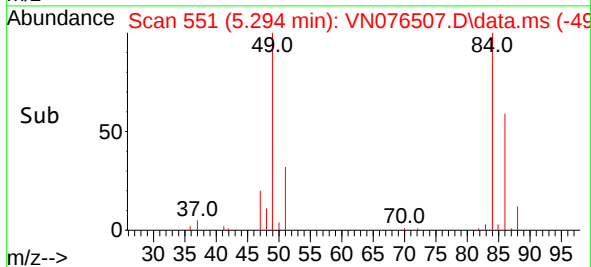
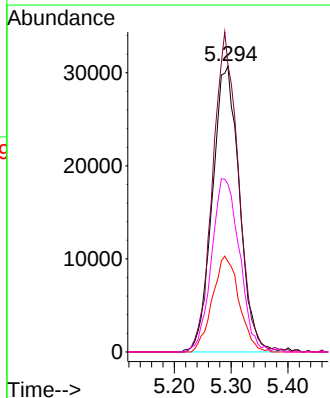
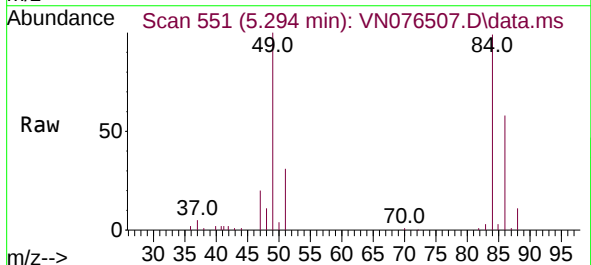
Manual Integrations
APPROVED

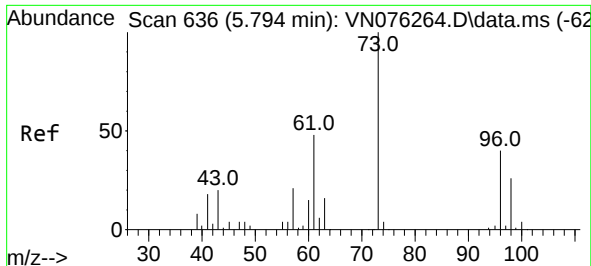
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023



#20
Methylene Chloride
Concen: 19.848 ug/l
RT: 5.294 min Scan# 551
Delta R.T. 0.005 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

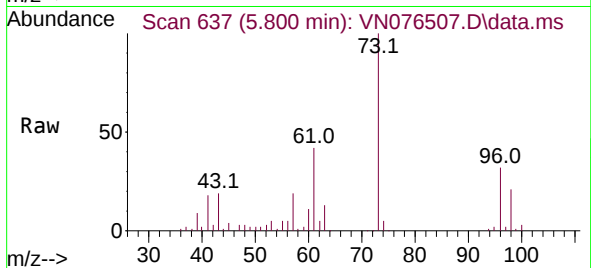
Tgt Ion: 84 Resp: 101350
Ion Ratio Lower Upper
84 100
49 100.6 84.5 126.7
51 31.6 26.0 39.0
86 58.7 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 17.605 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

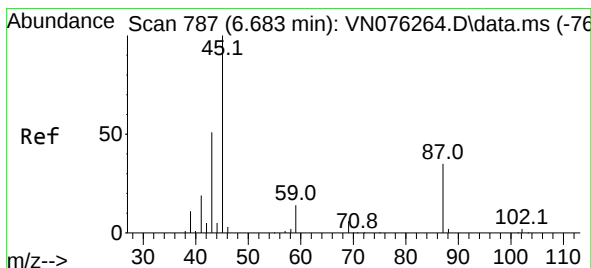
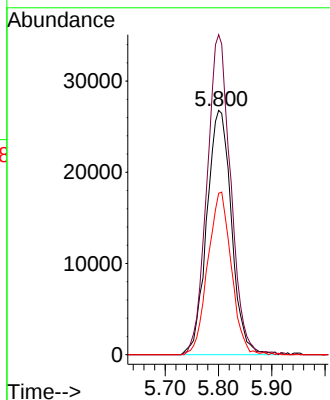
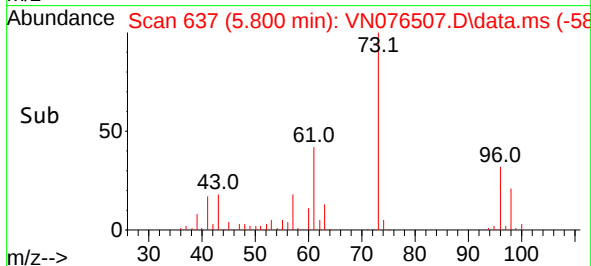
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD02



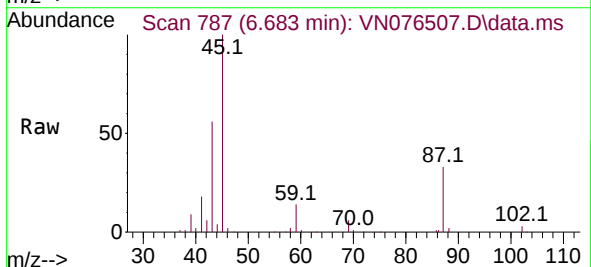
Tgt Ion: 96 Resp: 86248
Ion Ratio Lower Upper
96 100
61 131.0 97.0 145.4
98 66.1 51.9 77.9

Manual Integrations
APPROVED

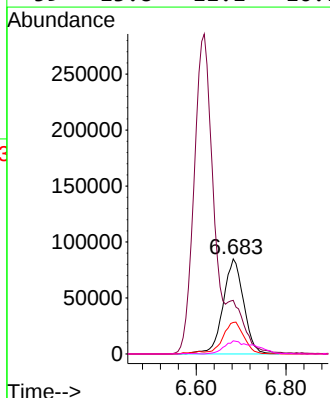
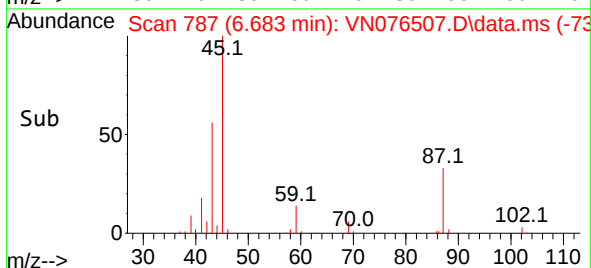
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023

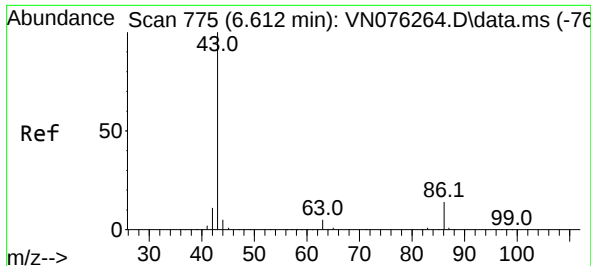


#22
Diisopropyl ether
Concen: 21.760 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51



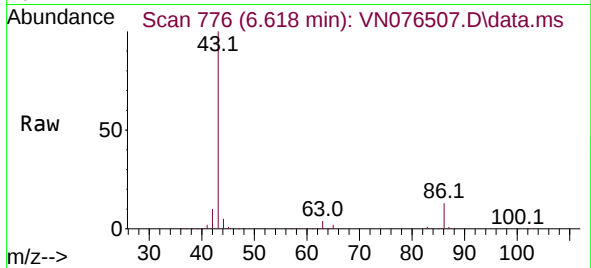
Tgt Ion: 45 Resp: 270424
Ion Ratio Lower Upper
45 100
43 54.9 44.4 66.6
87 32.8 28.4 42.6
59 13.8 11.1 16.7





#23
 Vinyl Acetate
 Concen: 104.184 ug/l
 RT: 6.618 min Scan# 776
 Delta R.T. 0.006 min
 Lab File: VN076507.D
 Acq: 02 Feb 2023 13:51

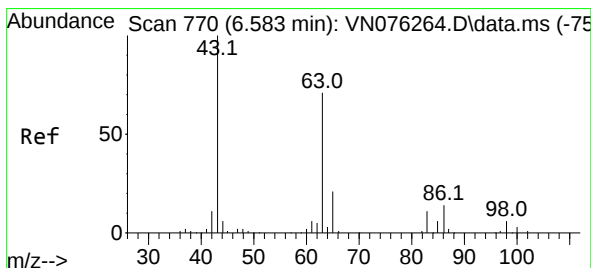
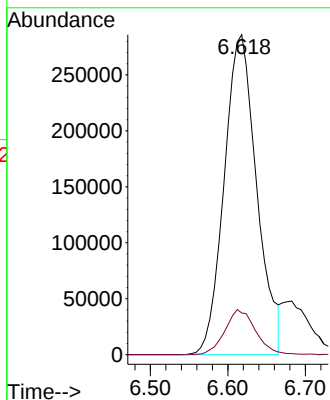
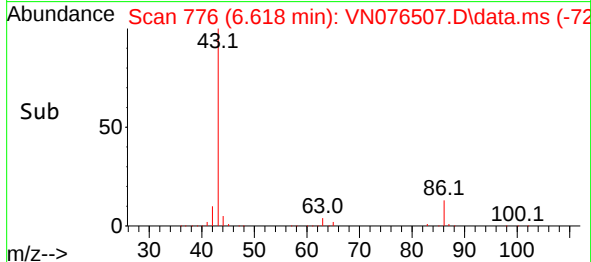
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0202WBSD02



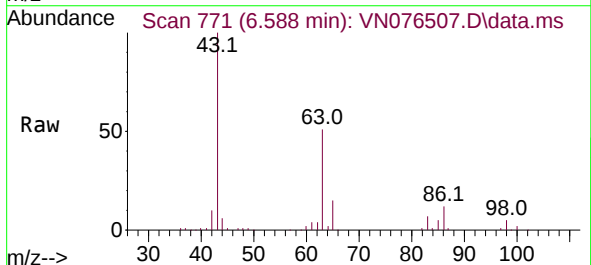
Tgt Ion: 43 Resp: 836788
 Ion Ratio Lower Upper
 43 100
 86 13.1 11.2 16.8

Manual Integrations
 APPROVED

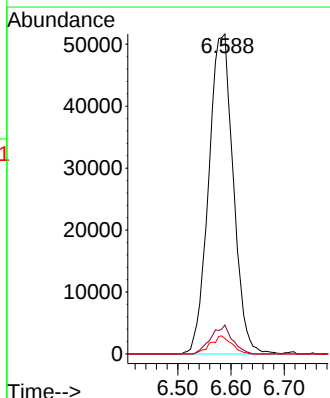
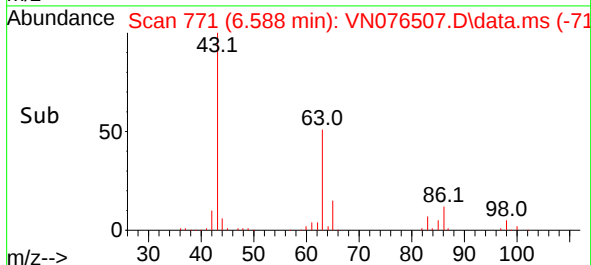
Reviewed By :John Carlone 02/03/2023
 Supervised By :Mahesh Dadoda 02/03/2023

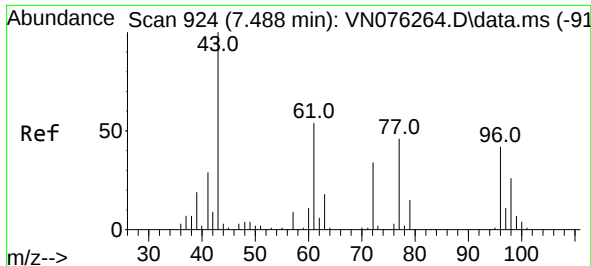


#24
 1,1-Dichloroethane
 Concen: 20.000 ug/l
 RT: 6.588 min Scan# 771
 Delta R.T. 0.005 min
 Lab File: VN076507.D
 Acq: 02 Feb 2023 13:51



Tgt Ion: 63 Resp: 165681
 Ion Ratio Lower Upper
 63 100
 98 9.0 3.9 11.7
 100 4.9 2.2 6.6





#25

2-Butanone

Concen: 97.735 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076507.D

Acq: 02 Feb 2023 13:51

Instrument :

MSVOA_N

ClientSampleId :

VN0202WBSD02

Tgt Ion: 43 Resp: 252958

Ion Ratio Lower Upper

43 100

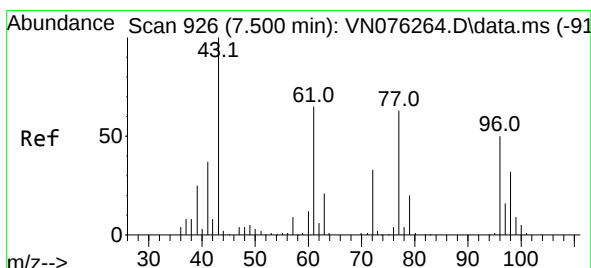
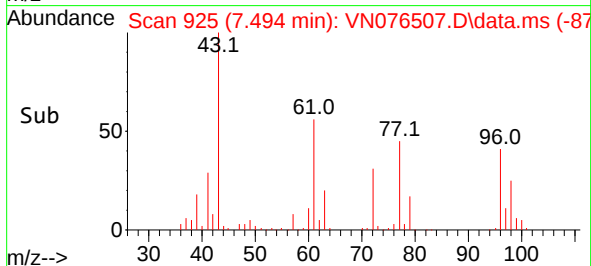
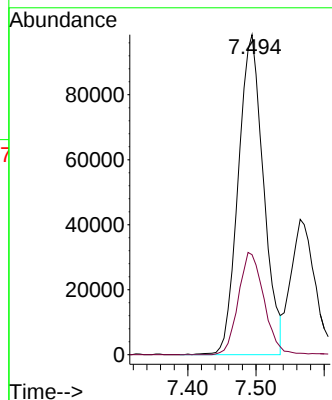
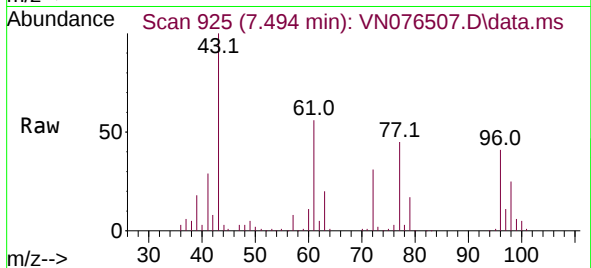
72 31.3 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2023

Supervised By :Mahesh Dadoda 02/03/2023



#26

2,2-Dichloropropane

Concen: 19.650 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN076507.D

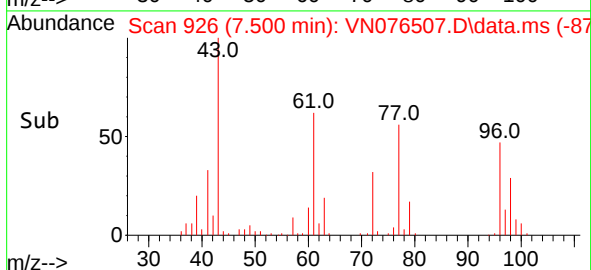
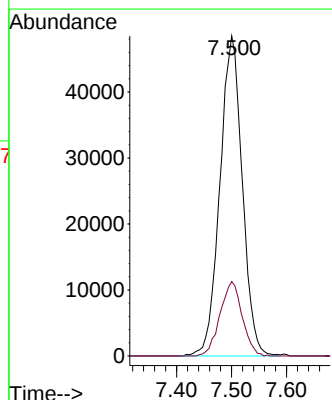
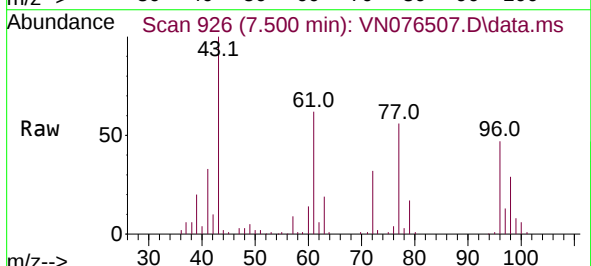
Acq: 02 Feb 2023 13:51

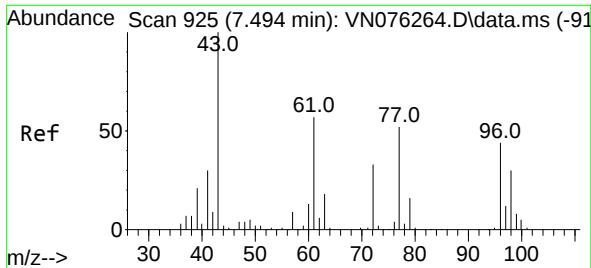
Tgt Ion: 77 Resp: 137194

Ion Ratio Lower Upper

77 100

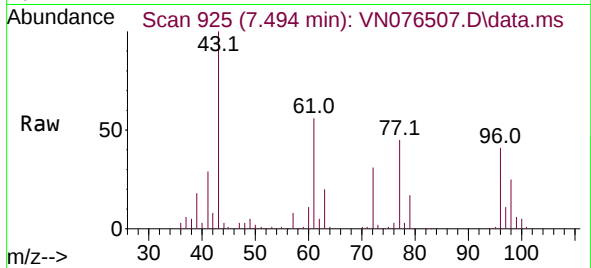
97 23.0 11.8 35.4





#27
 cis-1,2-Dichloroethene
 Concen: 19.197 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN076507.D
 Acq: 02 Feb 2023 13:51

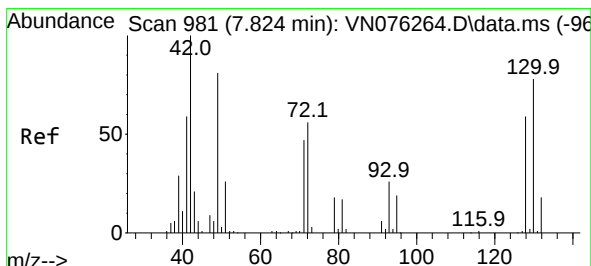
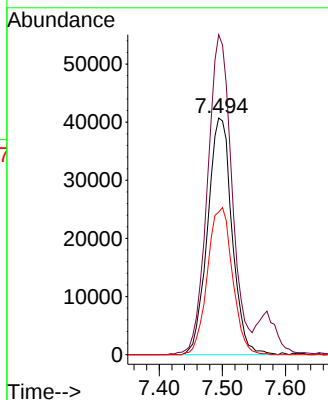
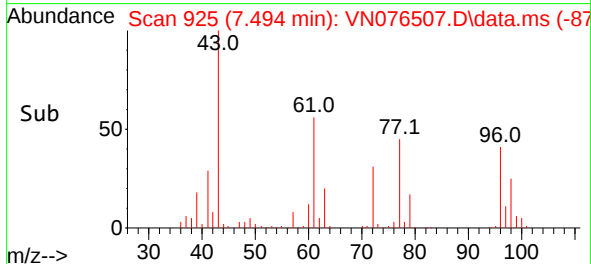
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0202WBSD02



Tgt Ion: 96 Resp: 109688
 Ion Ratio Lower Upper
 96 100
 61 135.0 0.0 259.6
 98 63.5 0.0 129.4

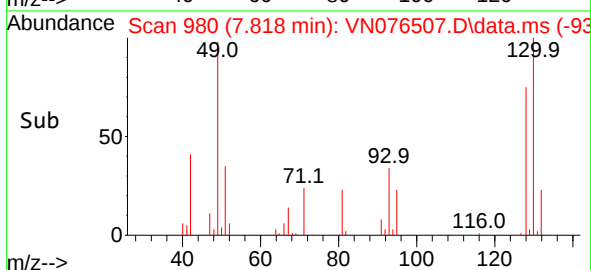
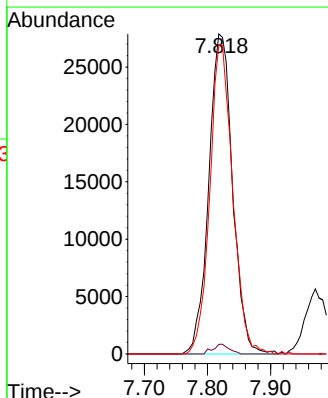
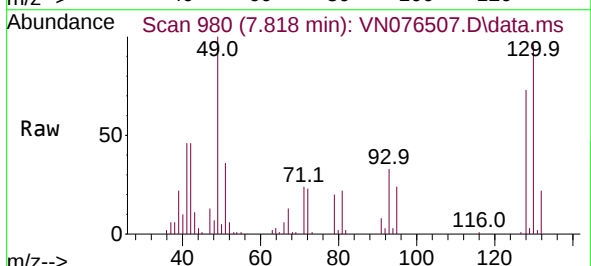
Manual Integrations
 APPROVED

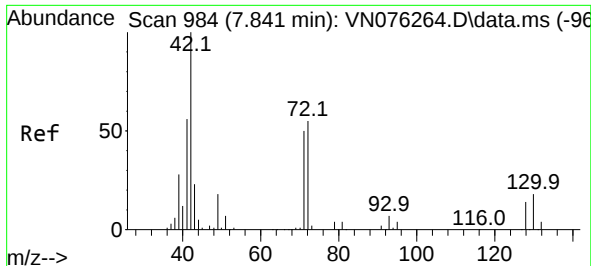
Reviewed By :John Carlone 02/03/2023
 Supervised By :Mahesh Dadoda 02/03/2023



#28
 Bromochloromethane
 Concen: 21.743 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN076507.D
 Acq: 02 Feb 2023 13:51

Tgt Ion: 49 Resp: 73004
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 5.2
 130 93.0 76.0 114.0





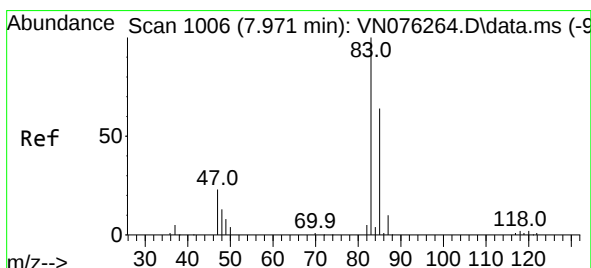
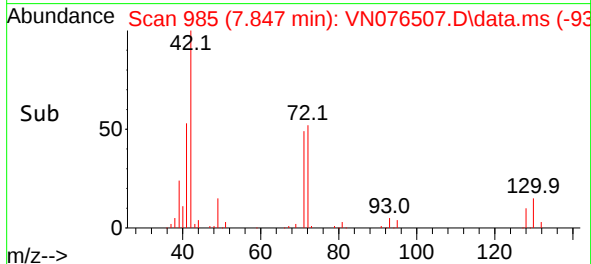
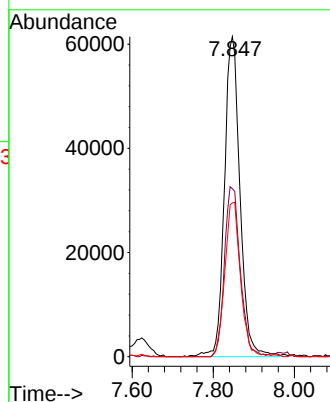
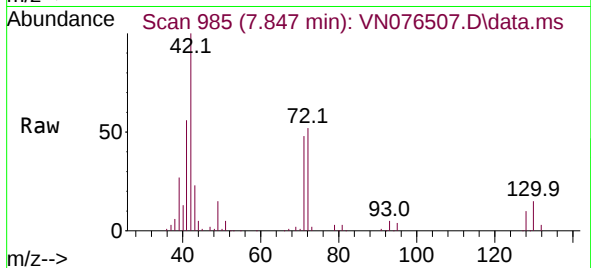
#29
Tetrahydrofuran
Concen: 103.072 ug/l
RT: 7.847 min Scan# 984
Delta R.T. 0.006 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD02

Tgt Ion: 42 Resp: 164640
Ion Ratio Lower Upper
42 100
72 53.5 44.0 66.0
71 48.5 41.1 61.7

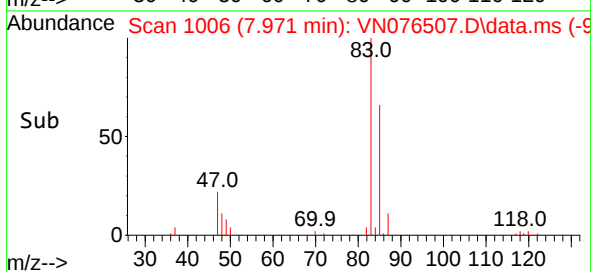
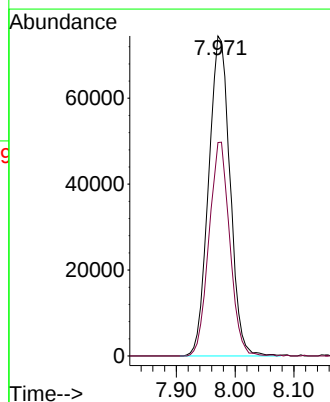
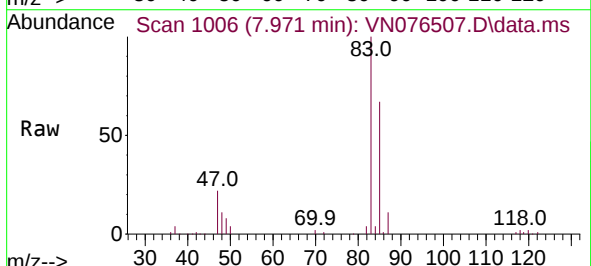
Manual Integrations
APPROVED

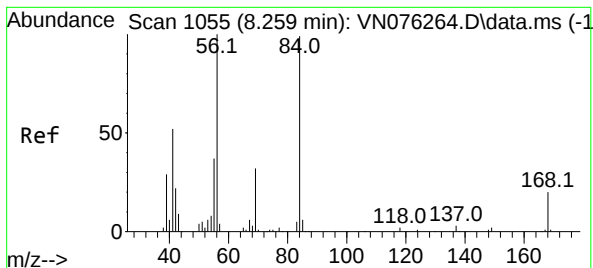
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023



#30
Chloroform
Concen: 20.532 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

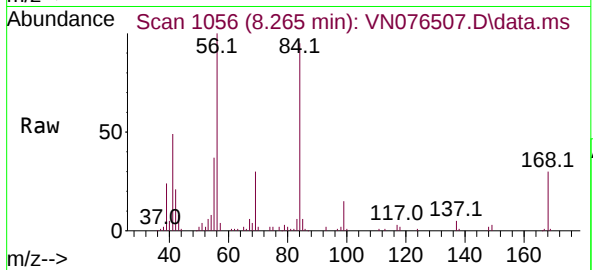
Tgt Ion: 83 Resp: 188200
Ion Ratio Lower Upper
83 100
85 66.7 51.0 76.6





#31
Cyclohexane
Concen: 16.136 ug/l
RT: 8.265 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

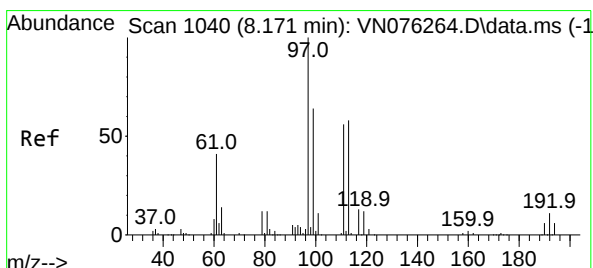
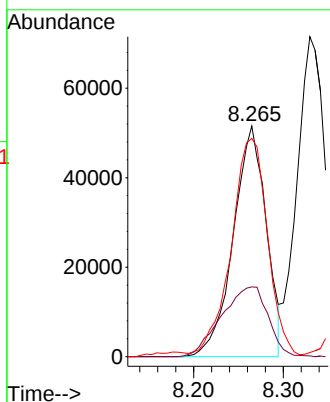
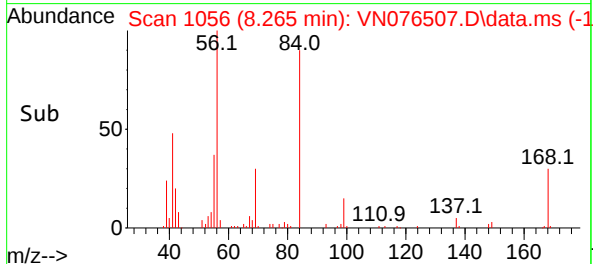
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD02



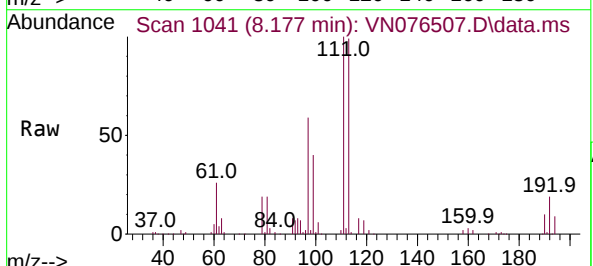
Tgt Ion: 56 Resp: 13103
Ion Ratio Lower Upper
56 100
69 30.3 25.8 38.8
84 92.6 79.0 118.4

Manual Integrations
APPROVED

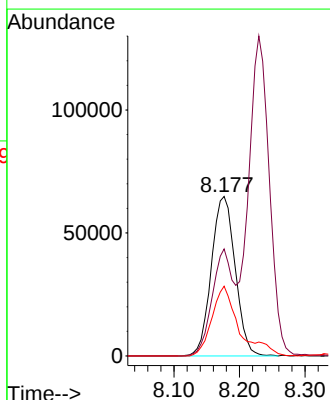
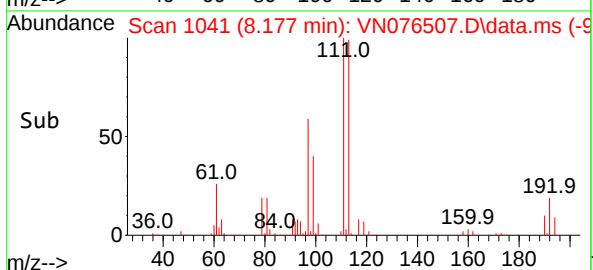
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023

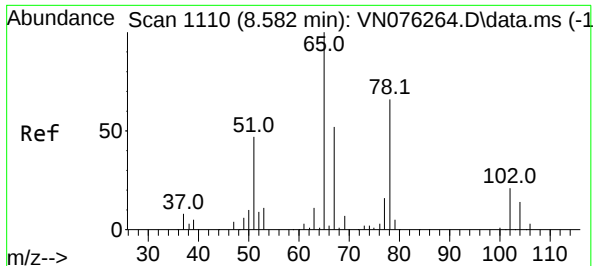


#32
1,1,1-Trichloroethane
Concen: 19.559 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51



Tgt Ion: 97 Resp: 163683
Ion Ratio Lower Upper
97 100
99 59.2 55.0 82.4
61 49.7 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 57.776 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076507.D

Acq: 02 Feb 2023 13:51

Instrument :

MSVOA_N

ClientSampleId :

VN0202WBSD02

Tgt Ion: 65 Resp: 305420

Ion Ratio Lower Upper

65 100

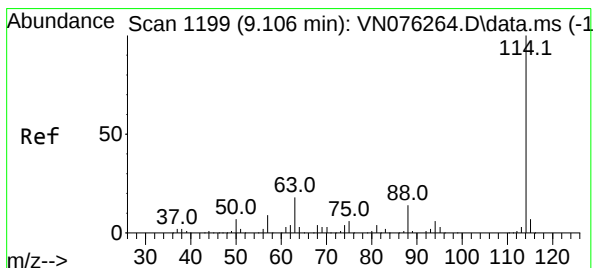
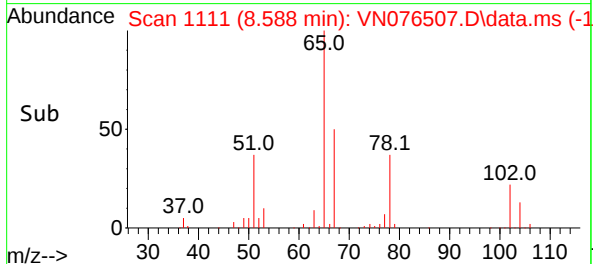
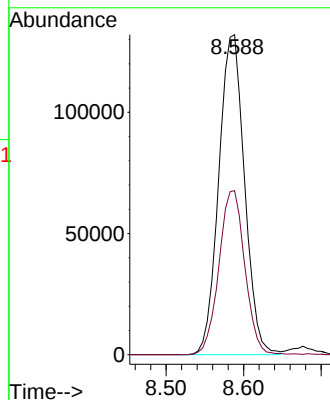
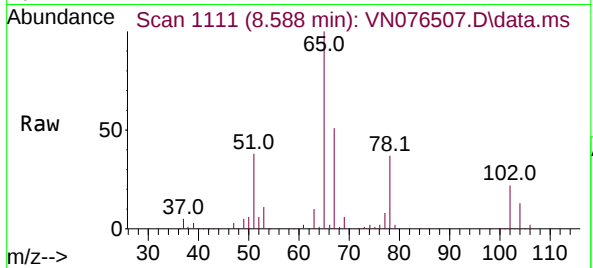
67 51.5 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2023

Supervised By :Mahesh Dadoda 02/03/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076507.D

Acq: 02 Feb 2023 13:51

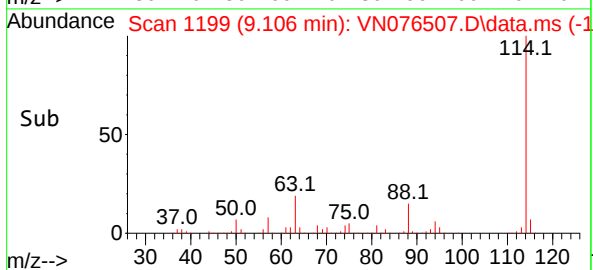
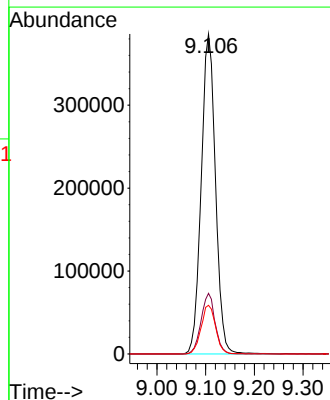
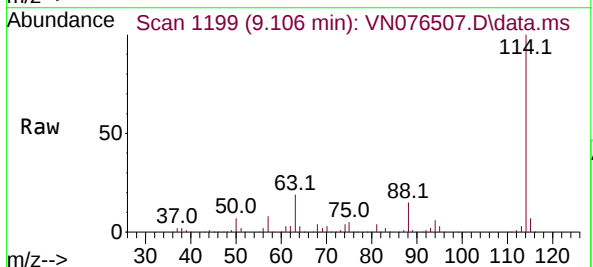
Tgt Ion:114 Resp: 786696

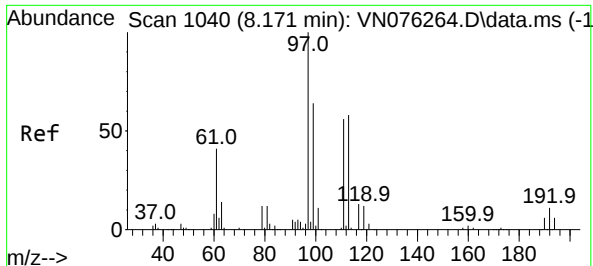
Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.8

88 15.2 0.0 28.0





#35

Dibromofluoromethane

Concen: 53.270 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN076507.D

Acq: 02 Feb 2023 13:51

Instrument :

MSVOA_N

ClientSampleId :

VN0202WBSD02

Tgt Ion:113 Resp: 26214

Ion Ratio Lower Upper

113 100

111 103.4 82.7 124.1

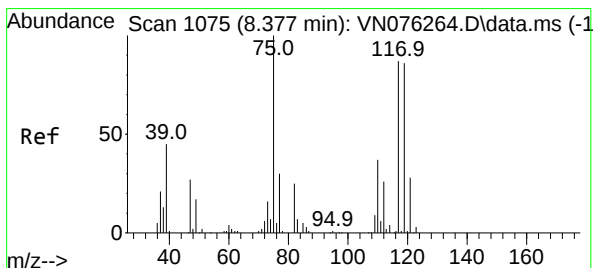
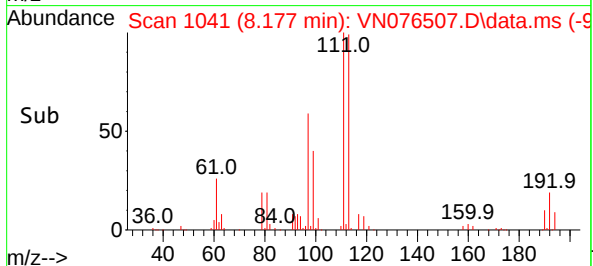
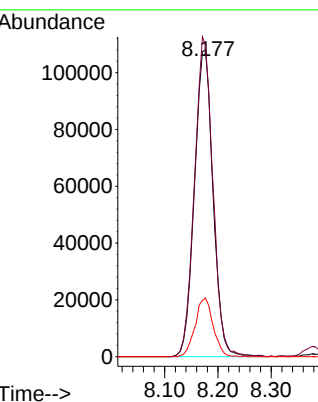
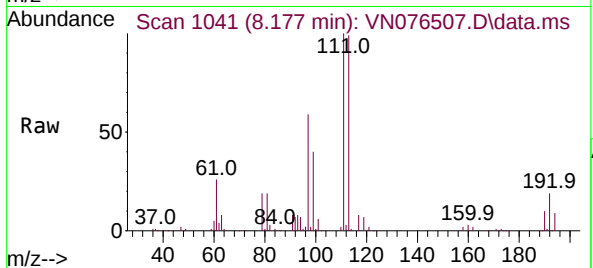
192 18.5 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2023

Supervised By :Mahesh Dadoda 02/03/2023



#36

1,1-Dichloropropene

Concen: 16.961 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN076507.D

Acq: 02 Feb 2023 13:51

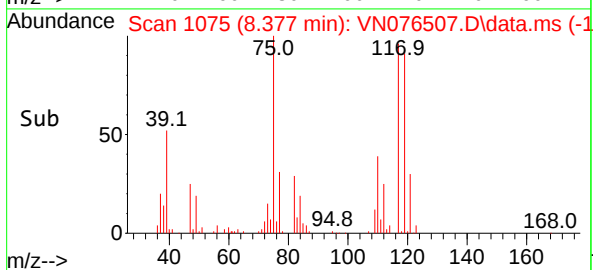
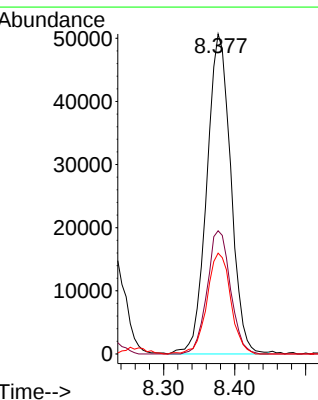
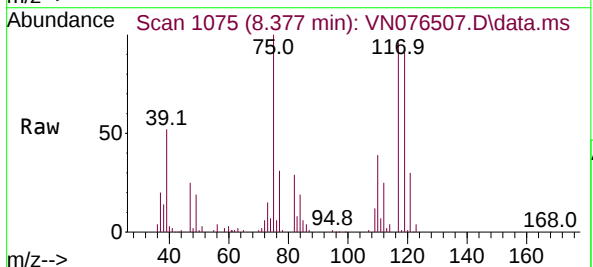
Tgt Ion: 75 Resp: 118603

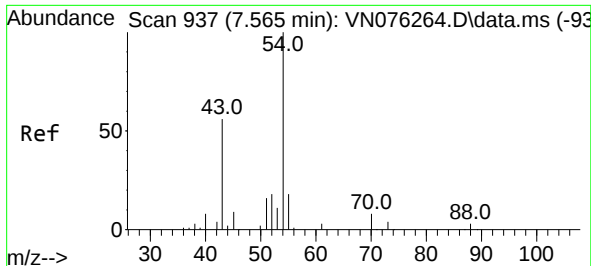
Ion Ratio Lower Upper

75 100

110 37.4 18.8 56.3

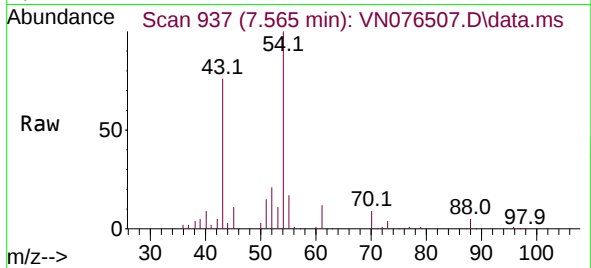
77 31.3 25.0 37.4





#37
Ethyl Acetate
Concen: 18.504 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

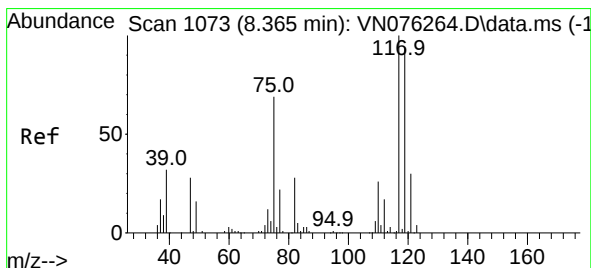
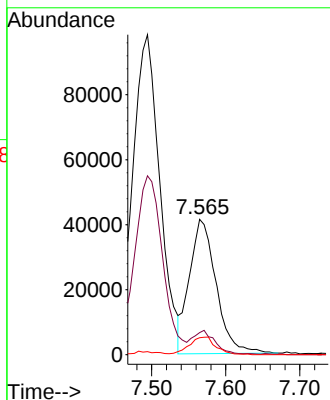
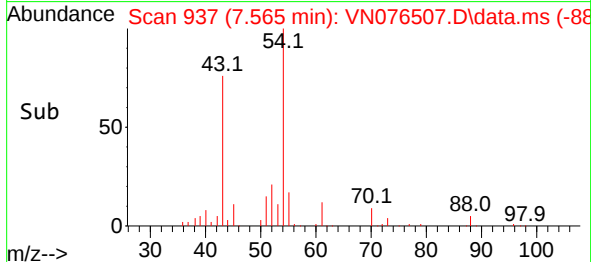
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD02



Tgt Ion: 43 Resp: 10365
Ion Ratio Lower Upper
43 100
61 14.7 11.1 16.7
70 13.0 10.0 15.0

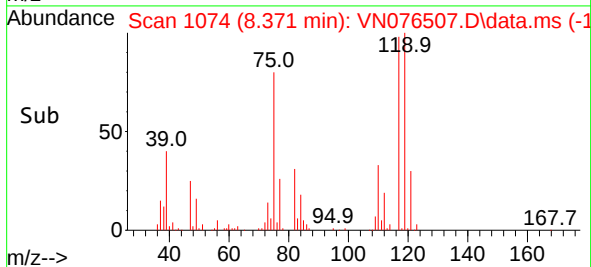
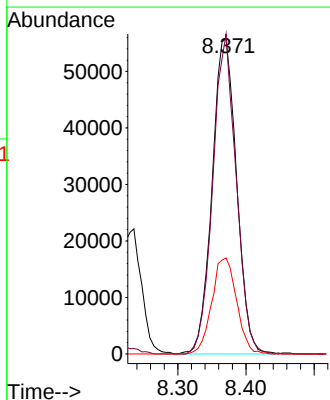
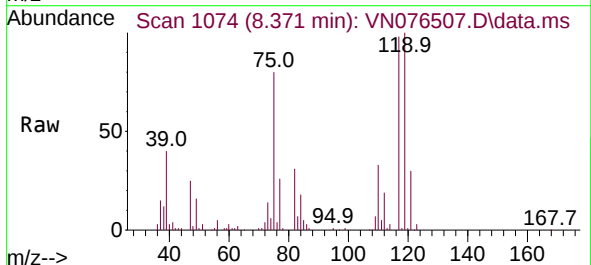
Manual Integrations
APPROVED

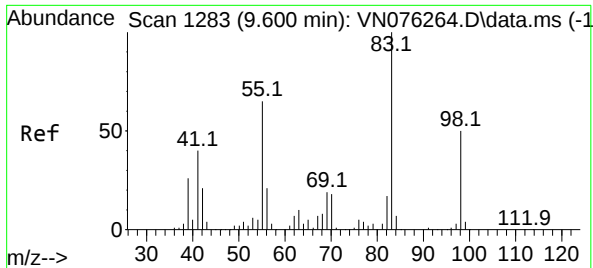
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023



#38
Carbon Tetrachloride
Concen: 17.882 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

Tgt Ion:117 Resp: 139447
Ion Ratio Lower Upper
117 100
119 101.5 75.4 113.0
121 30.5 24.2 36.2





#39

Methylcyclohexane

Concen: 16.910 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.006 min

Lab File: VN076507.D

Acq: 02 Feb 2023 13:51

Instrument :

MSVOA_N

ClientSampleId :

VN0202WBSD02

Tgt Ion: 83 Resp: 144400

Ion Ratio Lower Upper

83 100

55 71.7 51.7 77.5

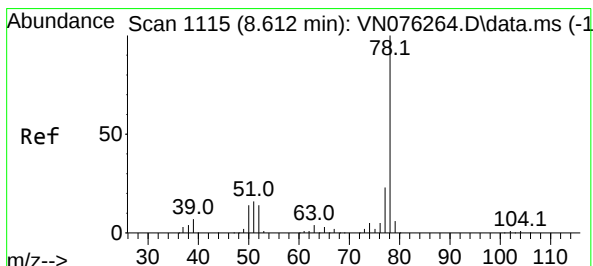
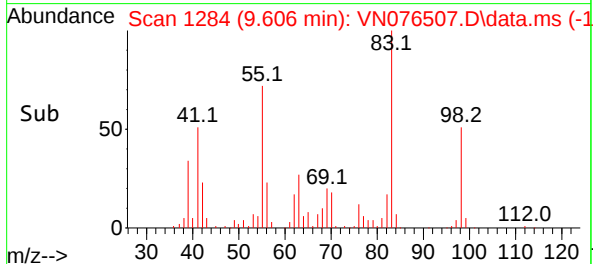
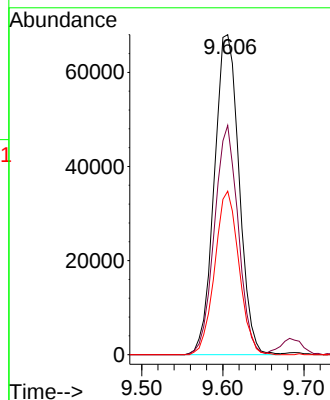
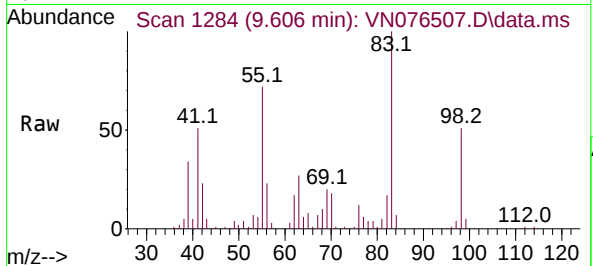
98 51.1 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2023

Supervised By :Mahesh Dadoda 02/03/2023



#40

Benzene

Concen: 18.391 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076507.D

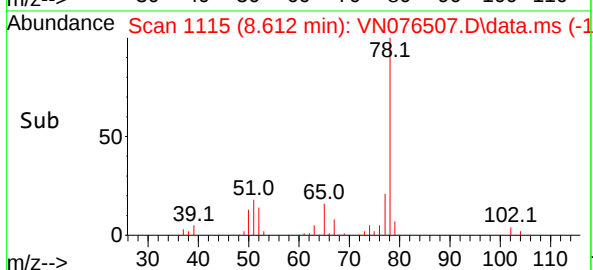
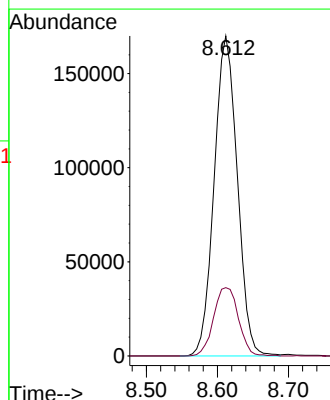
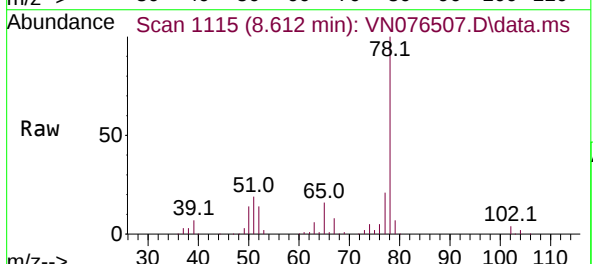
Acq: 02 Feb 2023 13:51

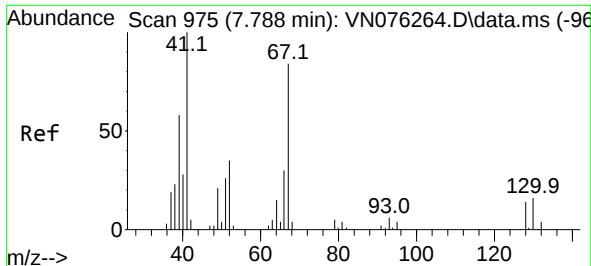
Tgt Ion: 78 Resp: 384549

Ion Ratio Lower Upper

78 100

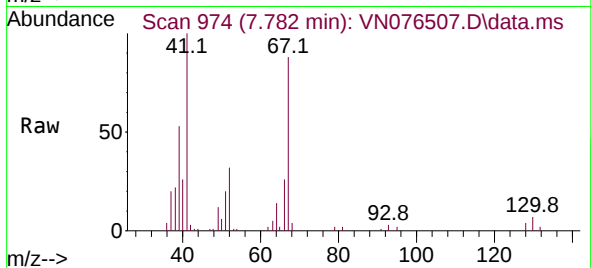
77 21.4 18.6 28.0





#41
Methacrylonitrile
Concen: 20.082 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

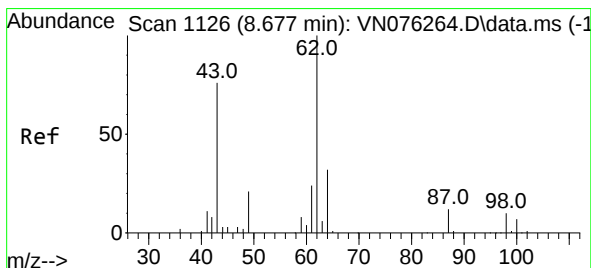
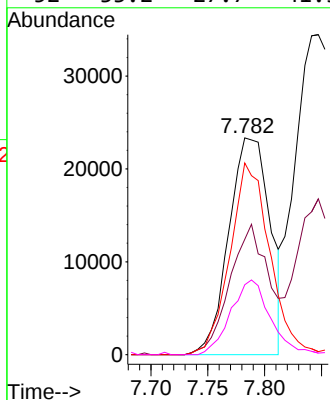
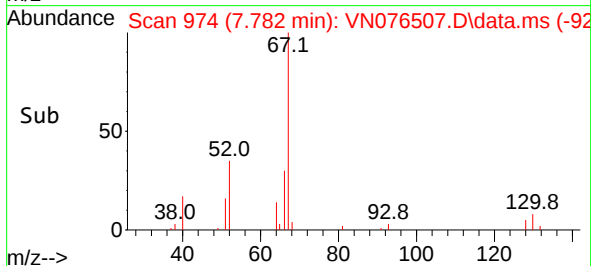
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD02



Tgt Ion:	41	Resp:	5897
Ion Ratio	100	Lower	Upper
39	55.9	42.4	63.6
67	86.0	68.8	103.2
52	33.2	27.7	41.5

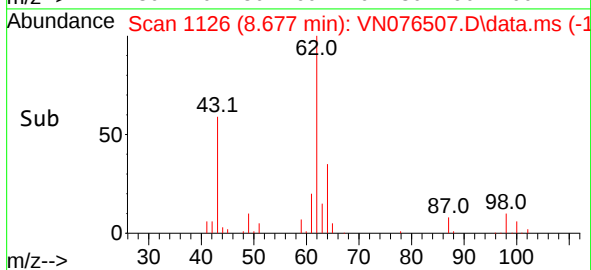
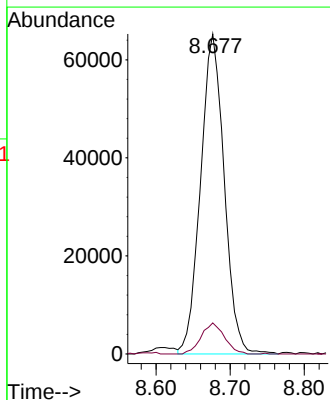
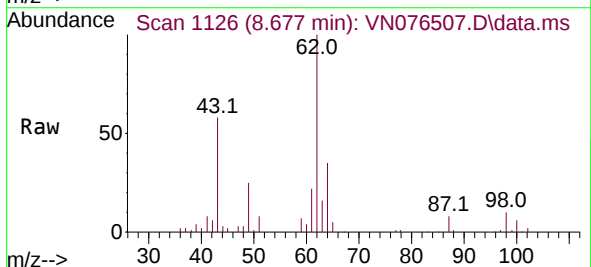
Manual Integrations
APPROVED

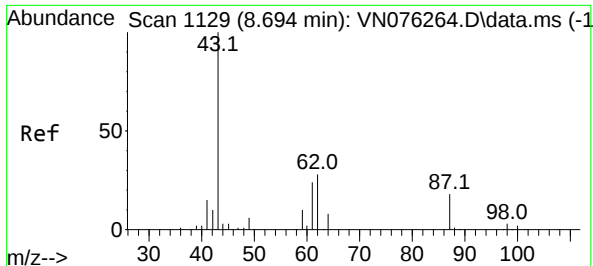
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023



#42
1,2-Dichloroethane
Concen: 20.254 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

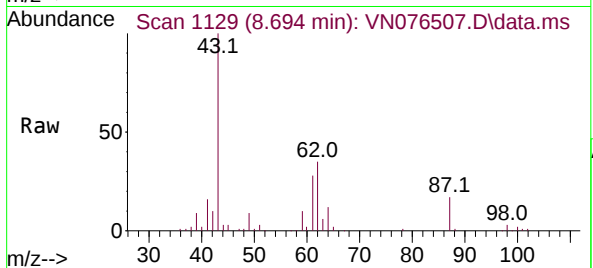
Tgt Ion:	62	Resp:	144898
Ion Ratio	100	Lower	Upper
98	9.5	0.0	20.4





#43
Isopropyl Acetate
Concen: 19.727 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

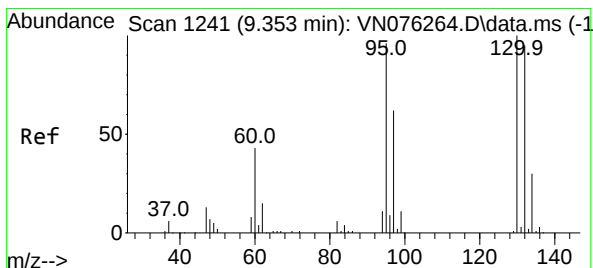
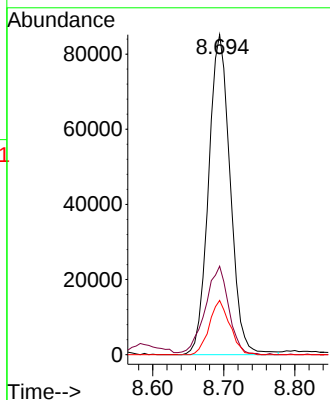
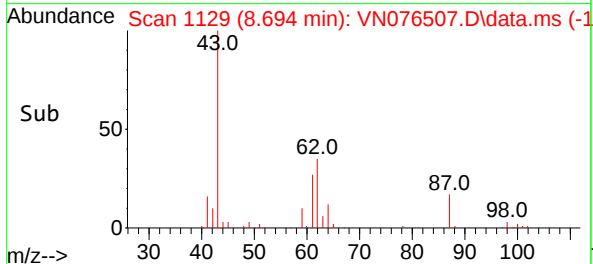
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD02



Tgt Ion: 43 Resp: 18000
Ion Ratio Lower Upper
43 100
61 30.1 23.5 35.3
87 16.2 13.8 20.6

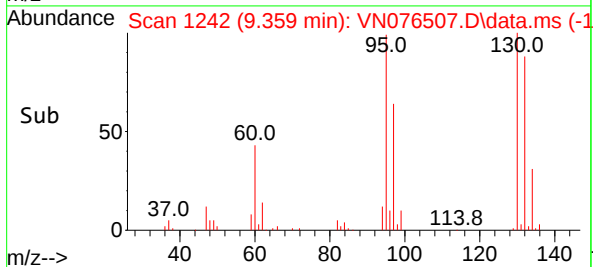
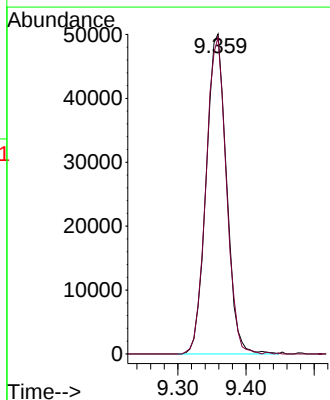
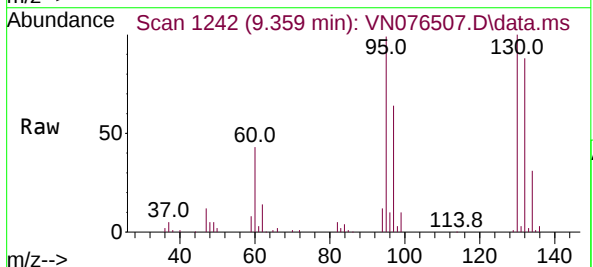
Manual Integrations
APPROVED

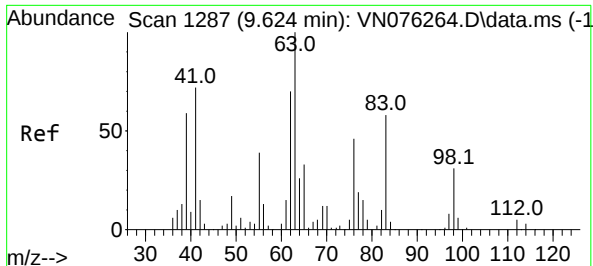
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023



#44
Trichloroethene
Concen: 17.584 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

Tgt Ion:130 Resp: 103990
Ion Ratio Lower Upper
130 100
95 98.9 0.0 192.0





#45

1,2-Dichloropropane

Concen: 19.493 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076507.D

Acq: 02 Feb 2023 13:51

Instrument :

MSVOA_N

ClientSampleId :

VN0202WBSD02

Tgt Ion: 63 Resp: 97580

Ion Ratio Lower Upper

63 100

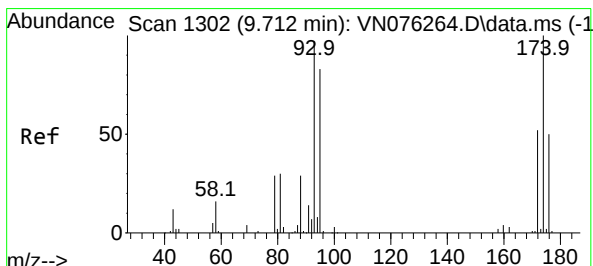
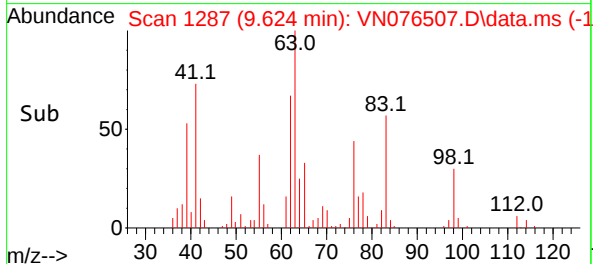
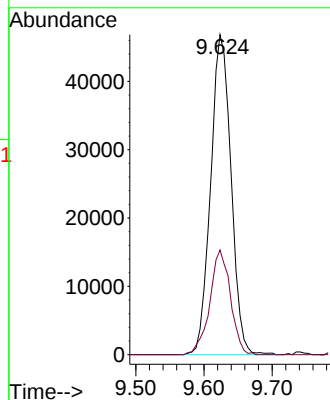
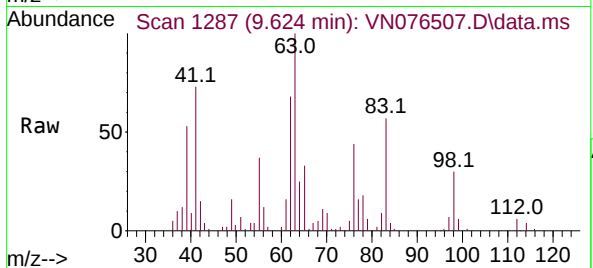
65 32.7 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2023

Supervised By :Mahesh Dadoda 02/03/2023



#46

Dibromomethane

Concen: 19.151 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076507.D

Acq: 02 Feb 2023 13:51

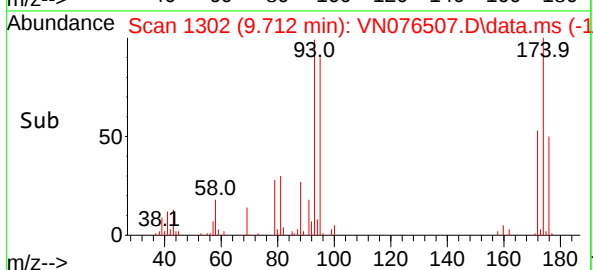
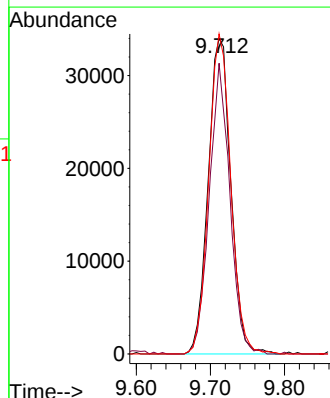
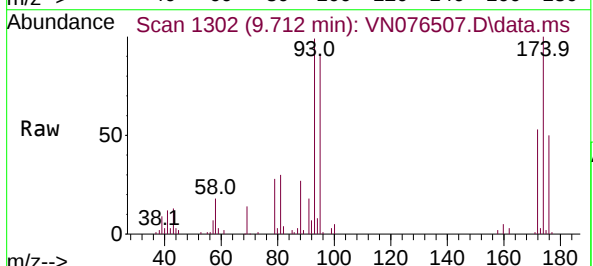
Tgt Ion: 93 Resp: 72387

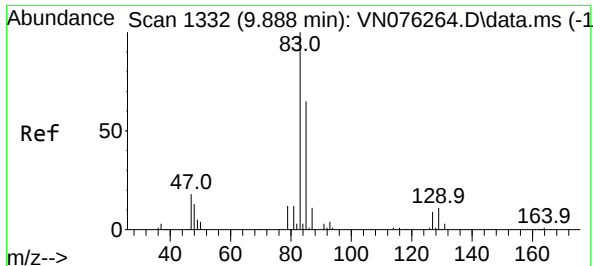
Ion Ratio Lower Upper

93 100

95 83.5 66.0 99.0

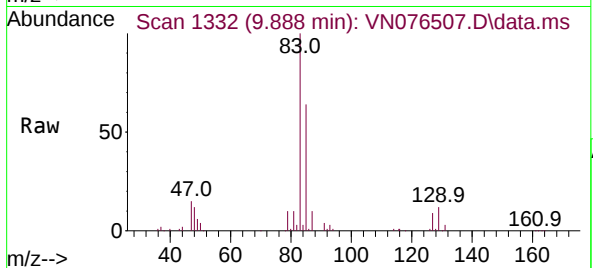
174 98.5 81.3 121.9





#47
Bromodichloromethane
Concen: 20.226 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

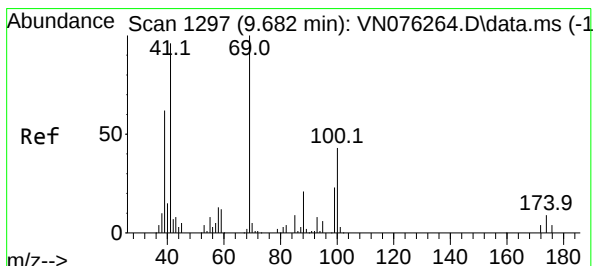
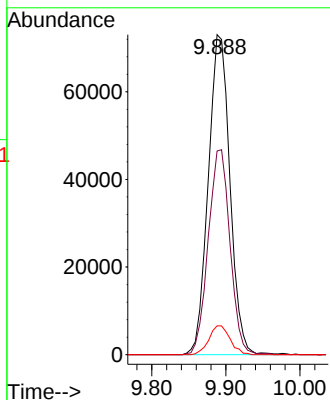
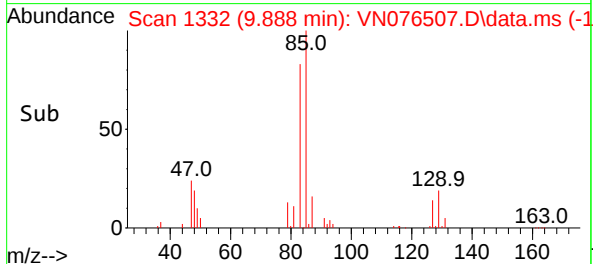
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD02



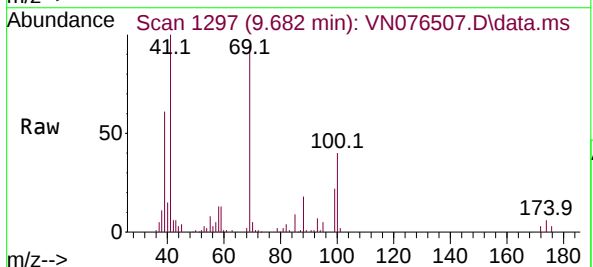
Tgt Ion: 83 Resp: 148274
Ion Ratio Lower Upper
83 100
85 63.7 52.1 78.1
127 9.0 7.4 11.0

Manual Integrations
APPROVED

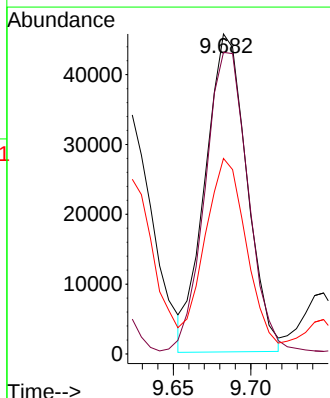
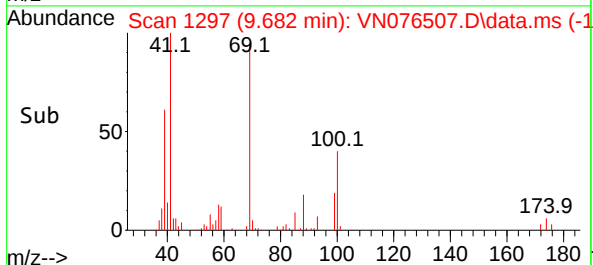
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023

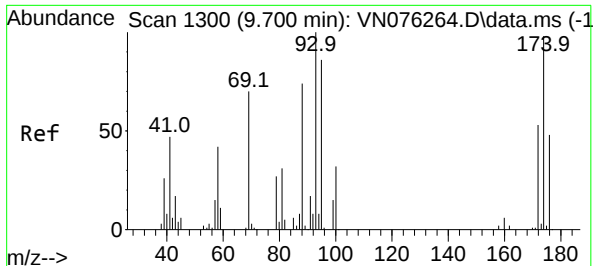


#48
Methyl methacrylate
Concen: 19.649 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51



Tgt Ion: 41 Resp: 84878
Ion Ratio Lower Upper
41 100
69 100.7 80.8 121.2
39 62.9 54.4 81.6





#49

1,4-Dioxane

Concen: 387.568 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076507.D

Acq: 02 Feb 2023 13:51

Instrument :

MSVOA_N

ClientSampleId :

VN0202WBSD02

Tgt Ion: 88 Resp: 35320

Ion Ratio Lower Upper

88 100

43 19.4 18.1 27.1

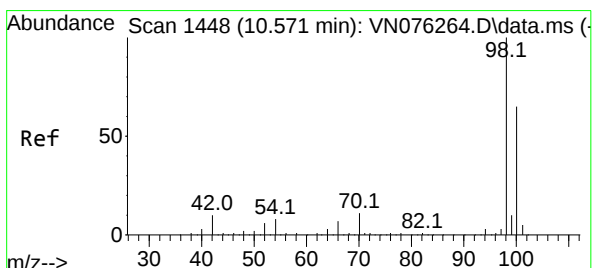
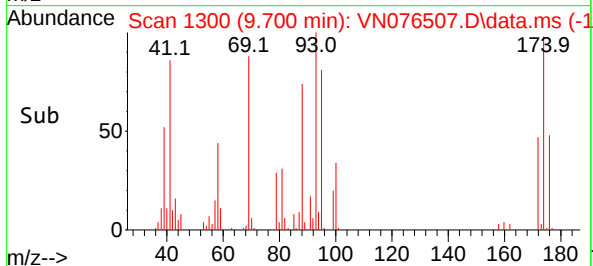
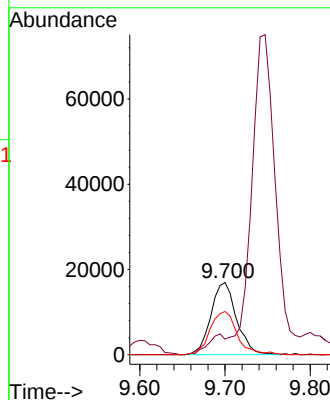
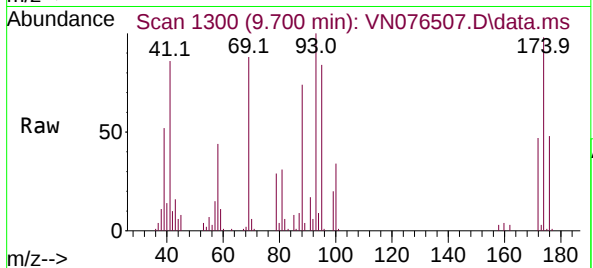
58 63.4 46.5 69.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2023

Supervised By :Mahesh Dadoda 02/03/2023



#50

Toluene-d8

Concen: 50.404 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076507.D

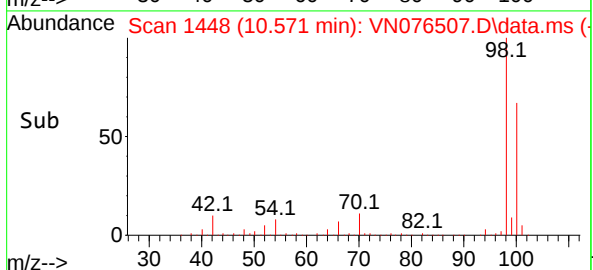
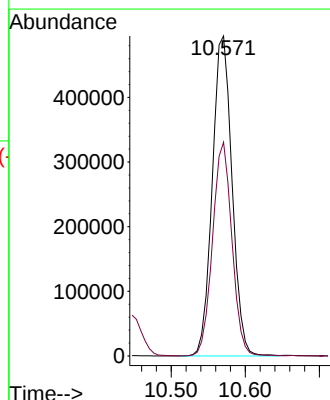
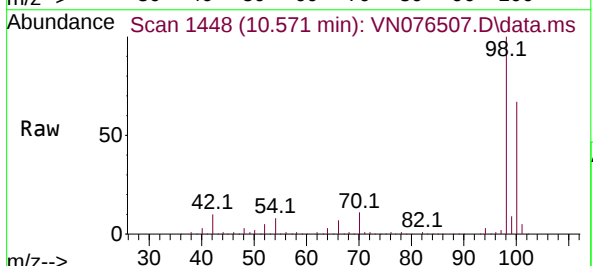
Acq: 02 Feb 2023 13:51

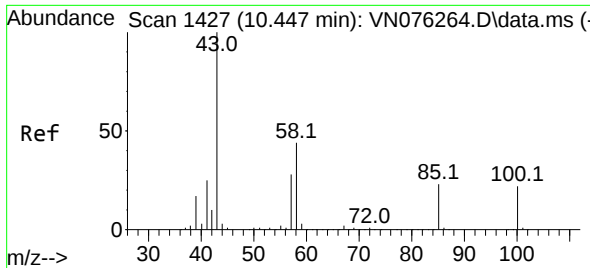
Tgt Ion: 98 Resp: 916058

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.4





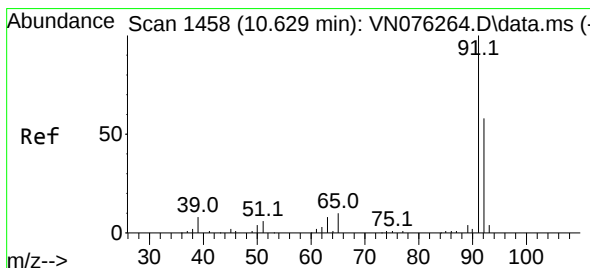
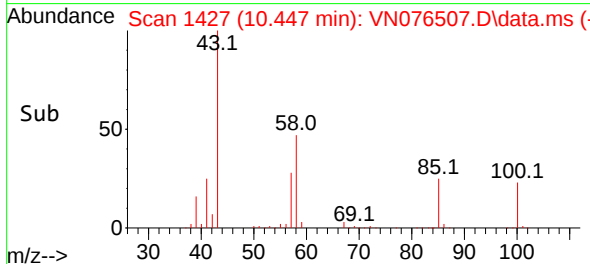
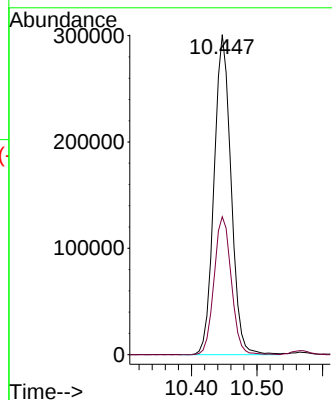
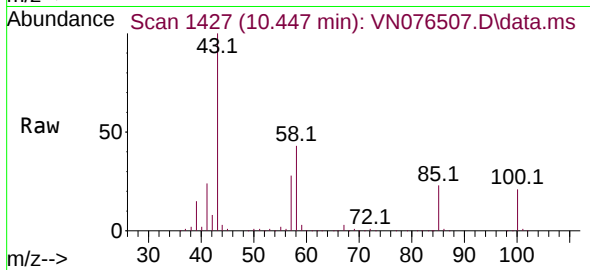
#51
4-Methyl-2-Pentanone
Concen: 100.939 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD02

Tgt Ion: 43 Resp: 540672
Ion Ratio Lower Upper
43 100
58 43.7 35.1 52.7

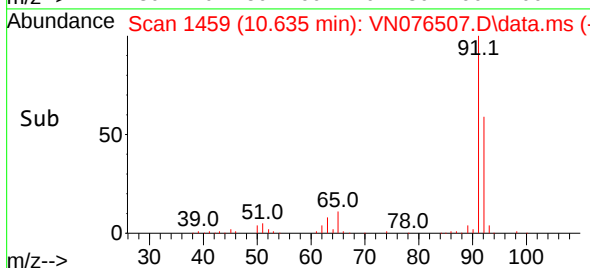
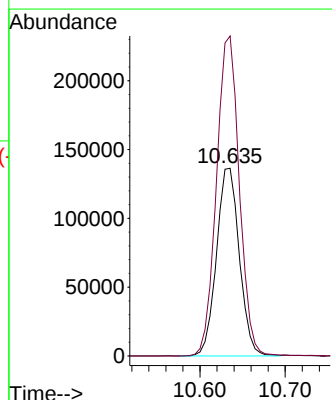
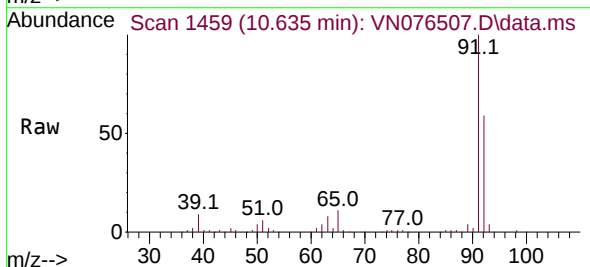
Manual Integrations
APPROVED

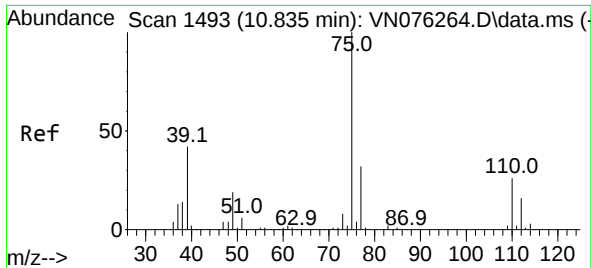
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023



#52
Toluene
Concen: 18.167 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

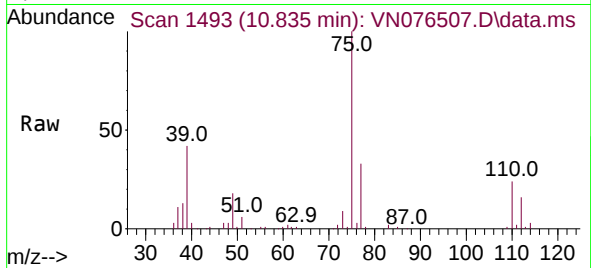
Tgt Ion: 92 Resp: 254033
Ion Ratio Lower Upper
92 100
91 170.7 136.6 205.0





#53
t-1,3-Dichloropropene
Concen: 20.777 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

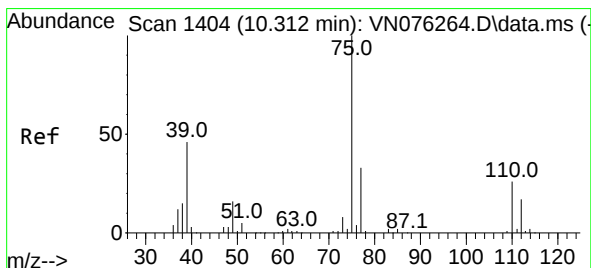
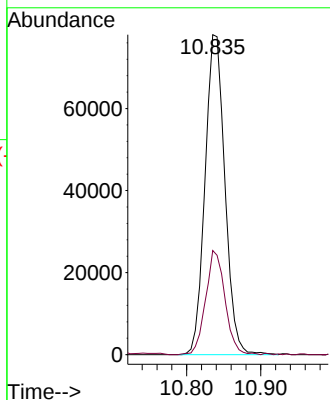
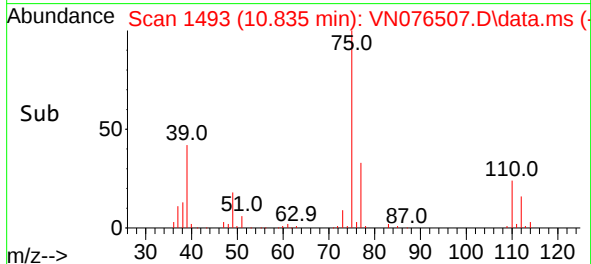
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD02



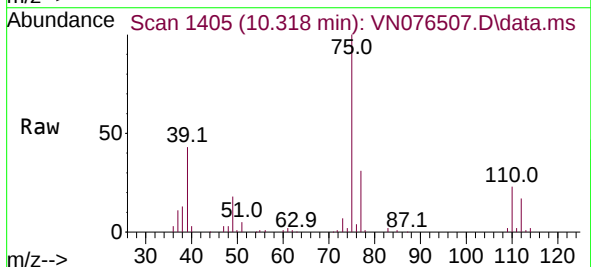
Tgt Ion: 75 Resp: 145198
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.6

Manual Integrations
APPROVED

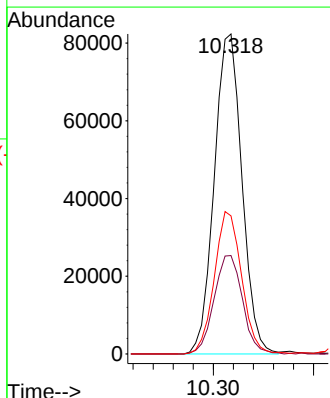
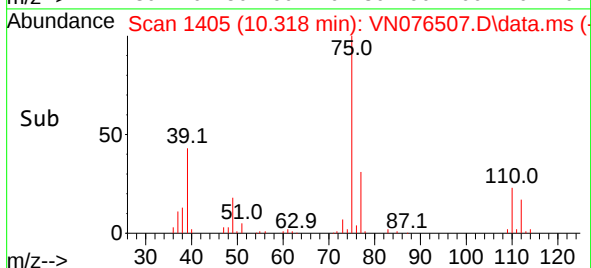
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023

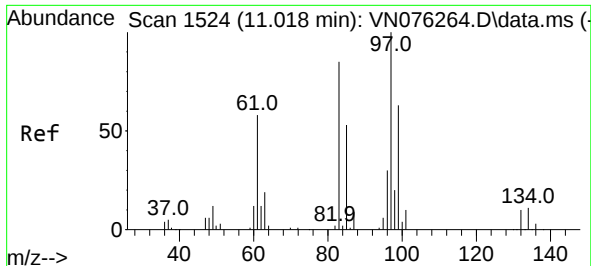


#54
cis-1,3-Dichloropropene
Concen: 19.639 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51



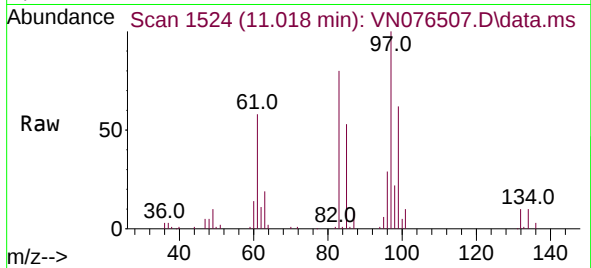
Tgt Ion: 75 Resp: 157893
Ion Ratio Lower Upper
75 100
77 30.7 26.5 39.7
39 43.2 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 20.164 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

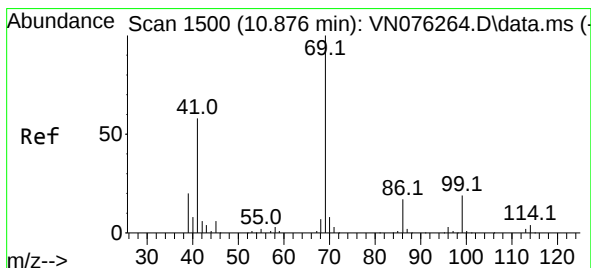
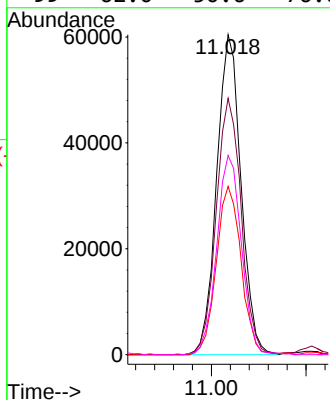
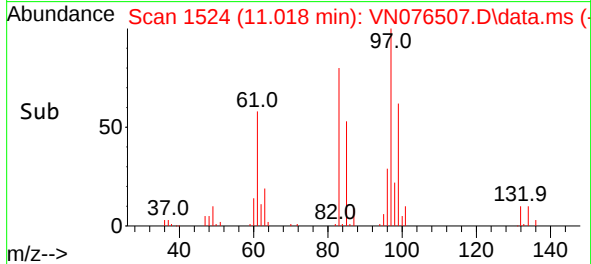
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD02



Tgt Ion: 97 Resp: 107772
Ion Ratio Lower Upper
97 100
83 80.1 67.8 101.6
85 52.6 42.3 63.5
99 62.0 50.6 76.0

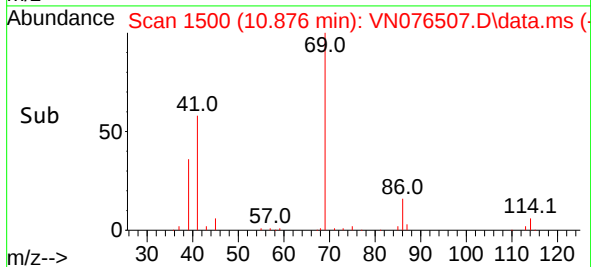
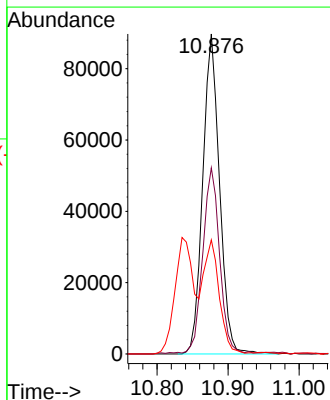
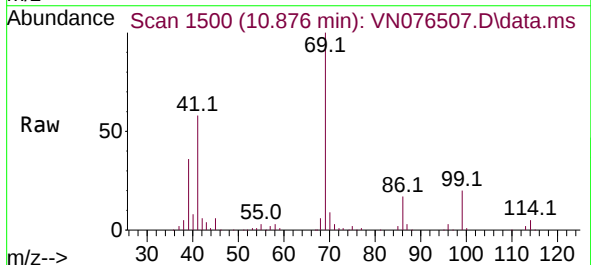
Manual Integrations
APPROVED

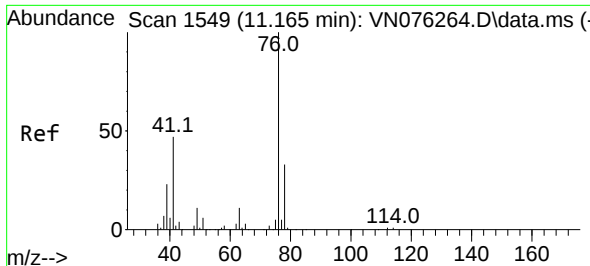
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023



#56
Ethyl methacrylate
Concen: 21.409 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

Tgt Ion: 69 Resp: 147725
Ion Ratio Lower Upper
69 100
41 59.3 45.3 67.9
39 32.6 29.3 43.9





#57

1,3-Dichloropropane

Concen: 19.880 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN076507.D

Acq: 02 Feb 2023 13:51

Instrument :

MSVOA_N

ClientSampleId :

VN0202WBSD02

Tgt Ion: 76 Resp: 17267

Ion Ratio Lower Upper

76 100

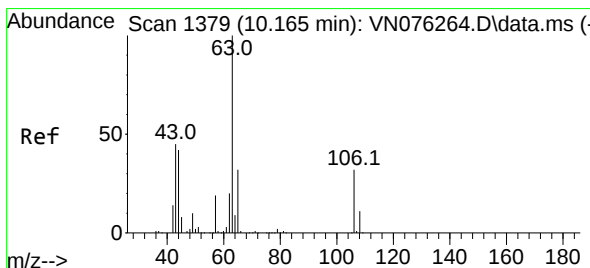
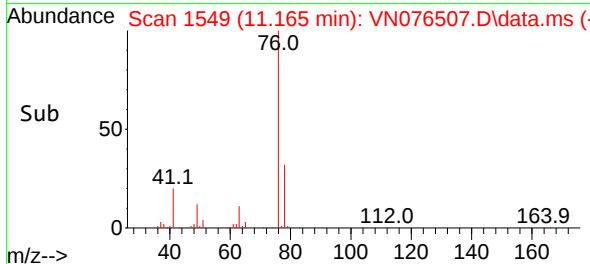
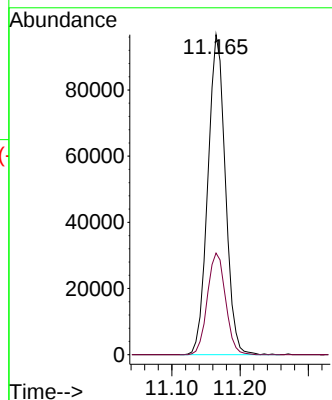
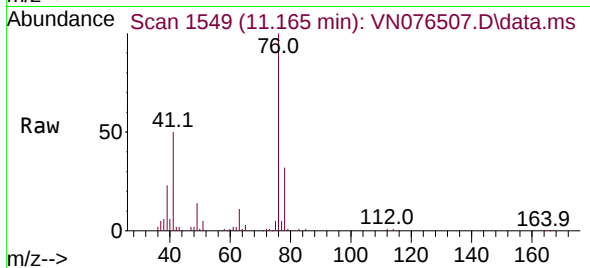
78 32.9 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2023

Supervised By :Mahesh Dadoda 02/03/2023



#58

2-Chloroethyl Vinyl ether

Concen: 86.020 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076507.D

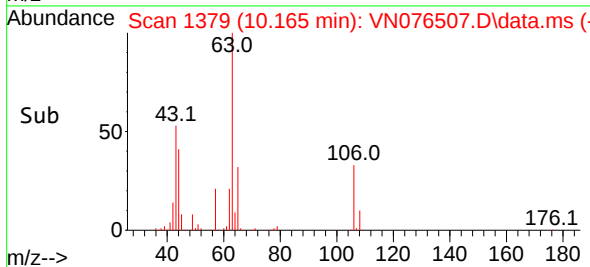
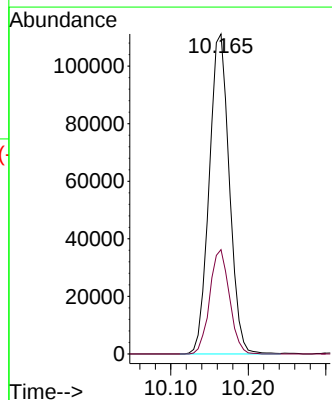
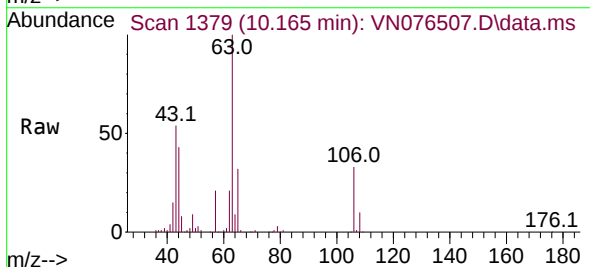
Acq: 02 Feb 2023 13:51

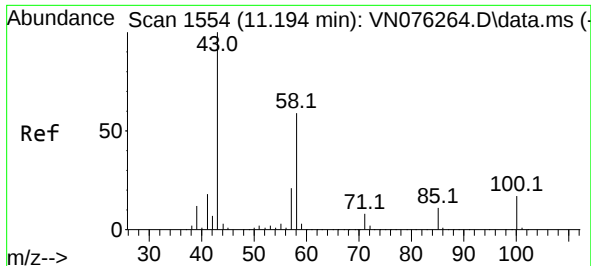
Tgt Ion: 63 Resp: 200380

Ion Ratio Lower Upper

63 100

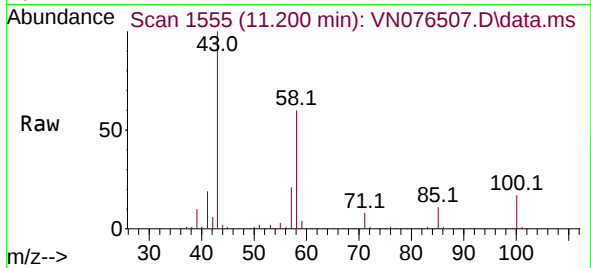
106 31.9 26.2 39.2





#59
2-Hexanone
Concen: 97.887 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

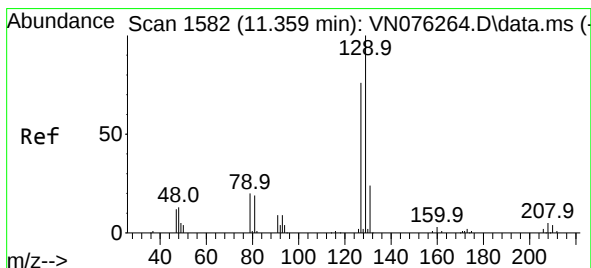
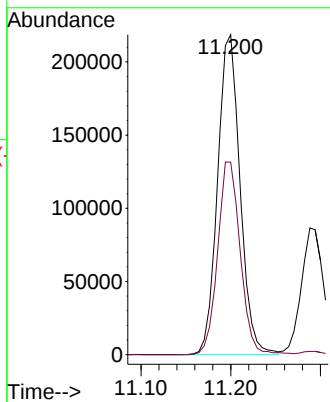
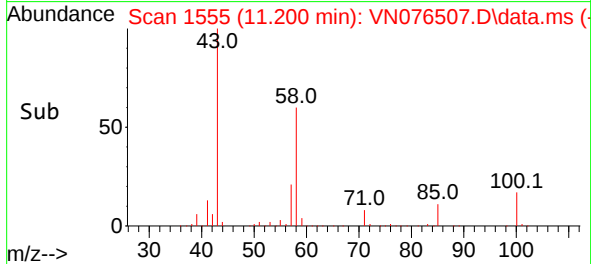
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD02



Tgt Ion: 43 Resp: 379950
Ion Ratio Lower Upper
43 100
58 60.6 30.1 90.3

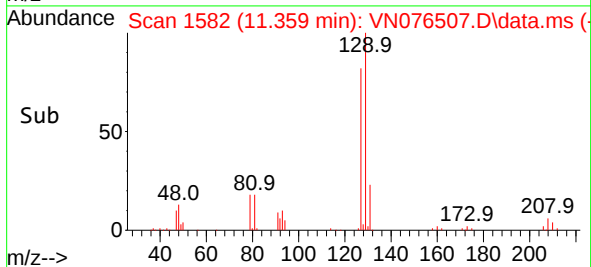
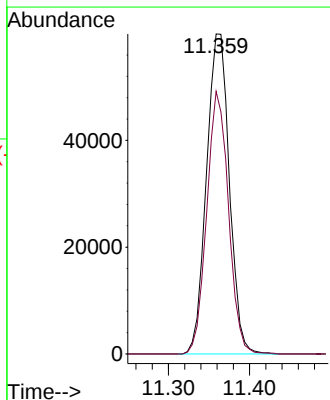
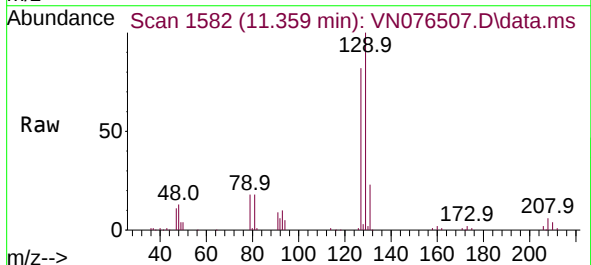
Manual Integrations
APPROVED

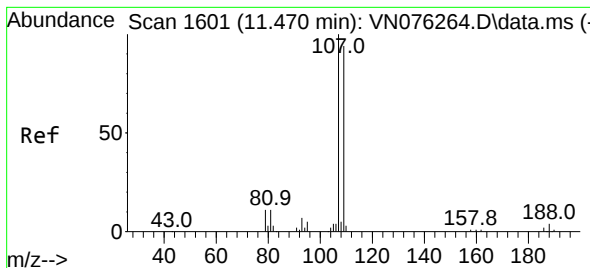
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023



#60
Dibromochloromethane
Concen: 20.839 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

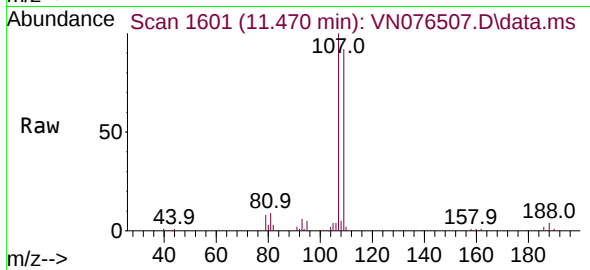
Tgt Ion:129 Resp: 117246
Ion Ratio Lower Upper
129 100
127 78.0 38.7 116.1





#61
1,2-Dibromoethane
Concen: 19.776 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

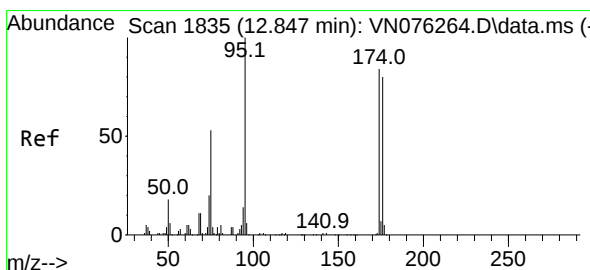
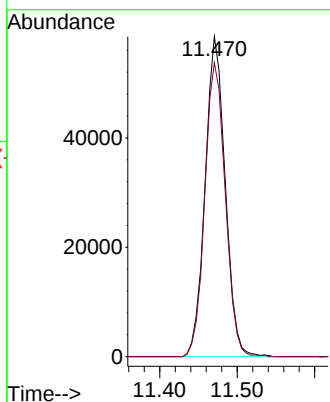
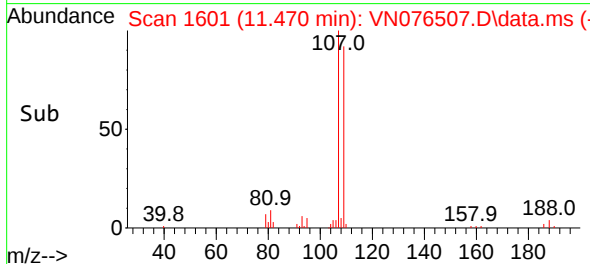
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD02



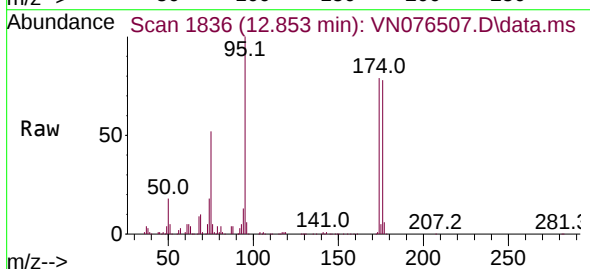
Tgt Ion:107 Resp: 105500
Ion Ratio Lower Upper
107 100
109 93.5 76.0 114.0

Manual Integrations
APPROVED

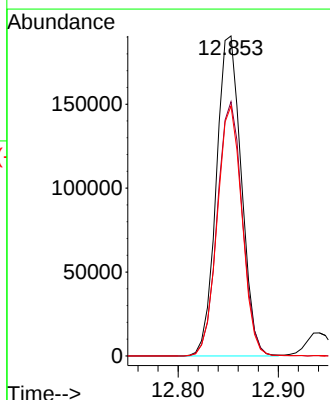
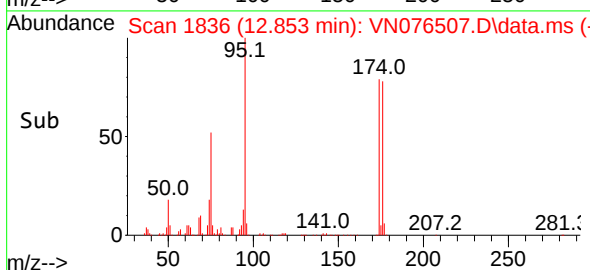
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023

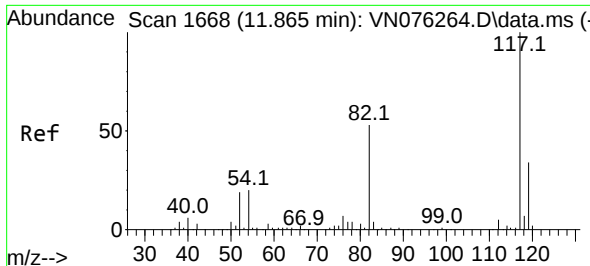


#62
4-Bromofluorobenzene
Concen: 55.759 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51



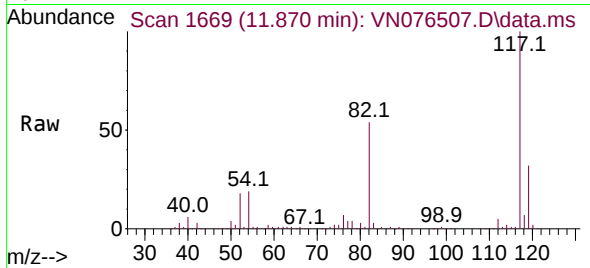
Tgt Ion: 95 Resp: 330822
Ion Ratio Lower Upper
95 100
174 79.2 0.0 174.6
176 77.0 0.0 167.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1668
Delta R.T. 0.005 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

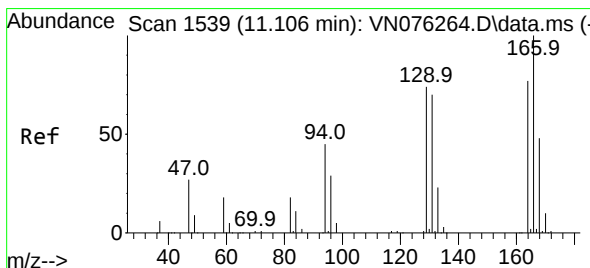
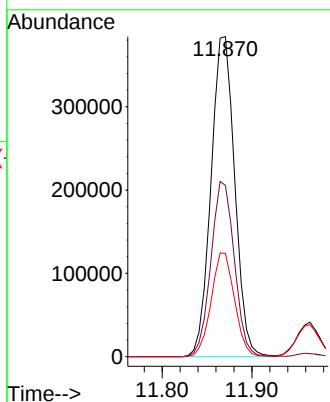
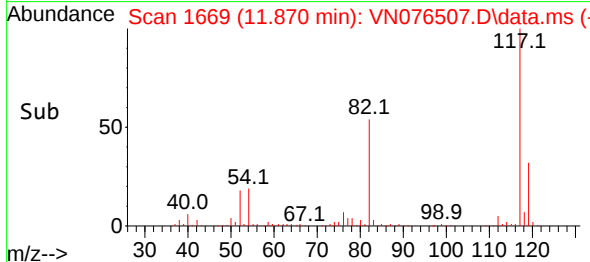
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD02



Tgt Ion:117 Resp: 70577
Ion Ratio Lower Upper
117 100
82 53.5 42.2 63.2
119 32.3 26.9 40.3

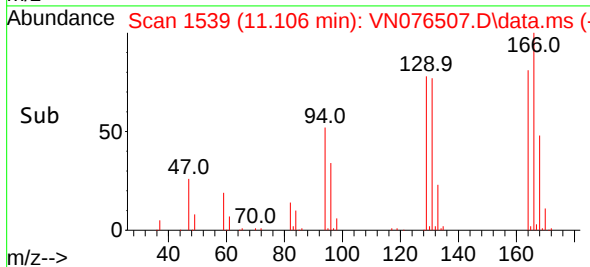
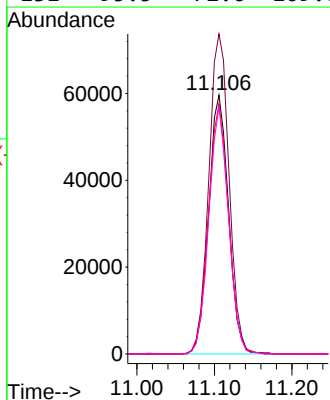
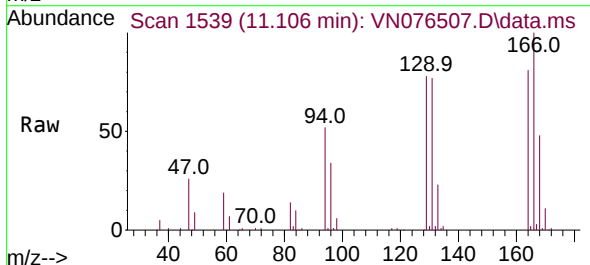
Manual Integrations
APPROVED

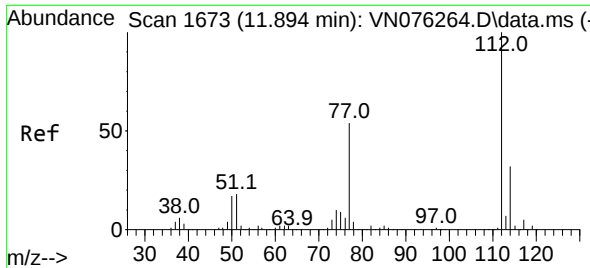
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023



#64
Tetrachloroethene
Concen: 16.838 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

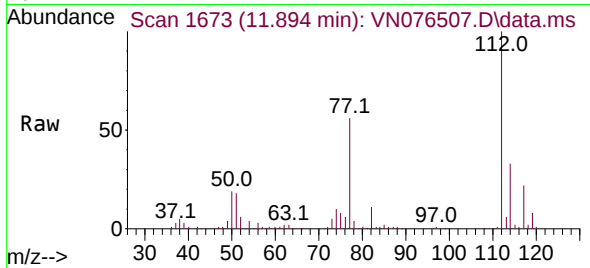
Tgt Ion:164 Resp: 107168
Ion Ratio Lower Upper
164 100
166 123.7 104.0 156.0
129 96.7 76.6 114.8
131 95.5 72.6 109.0





#65
Chlorobenzene
Concen: 18.087 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

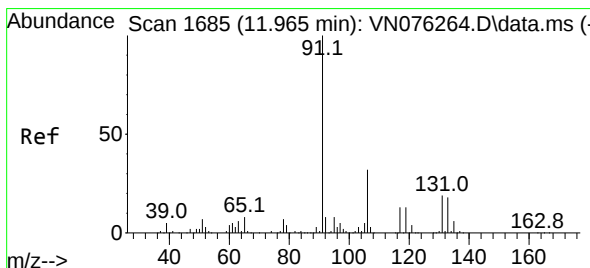
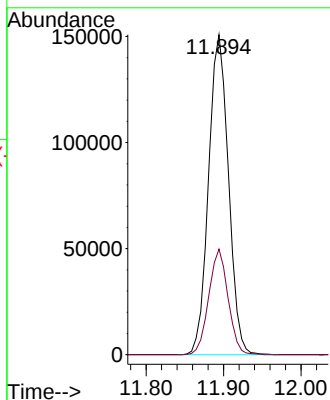
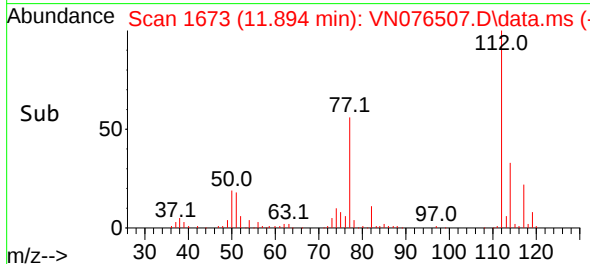
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD02



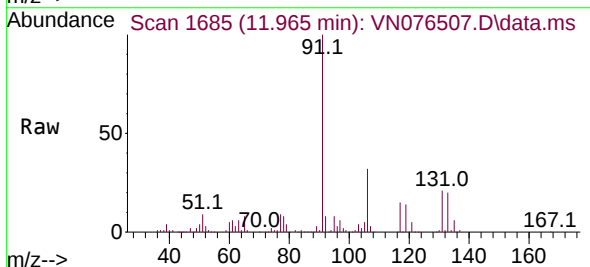
Tgt Ion:112 Resp: 269840
Ion Ratio Lower Upper
112 100
114 33.0 25.3 37.9

Manual Integrations
APPROVED

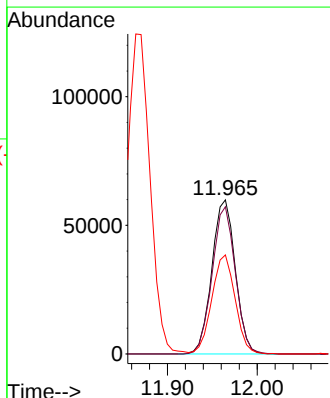
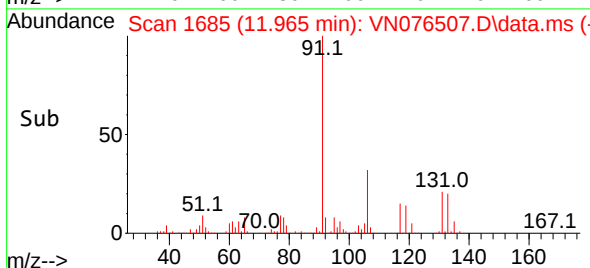
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023

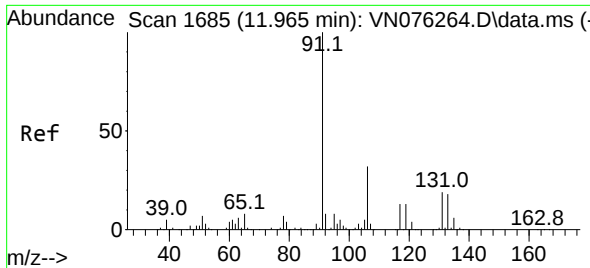


#66
1,1,1,2-Tetrachloroethane
Concen: 19.581 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51



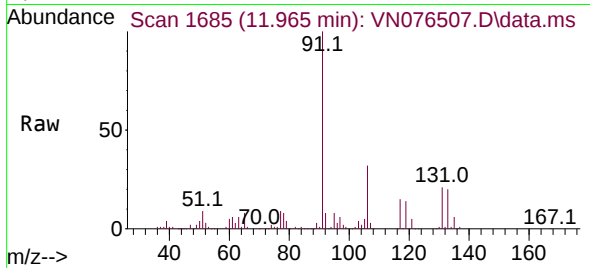
Tgt Ion:131 Resp: 108693
Ion Ratio Lower Upper
131 100
133 94.6 47.4 142.2
119 64.0 32.3 96.8





#67
Ethyl Benzene
Concen: 18.828 ug/l
RT: 11.965 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

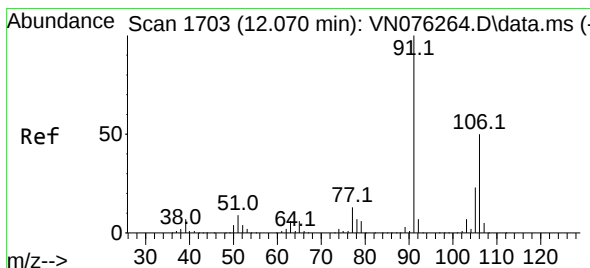
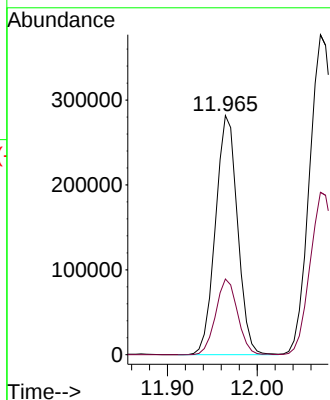
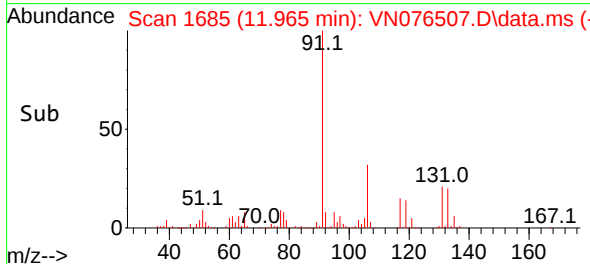
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD02



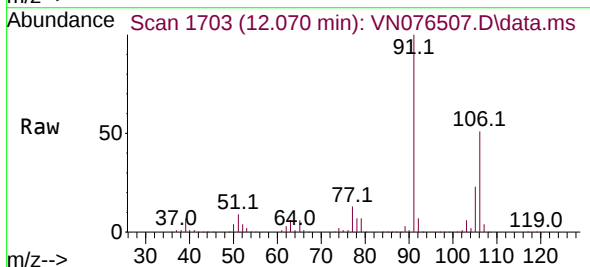
Tgt Ion: 91 Resp: 48075
Ion Ratio Lower Upper
91 100
106 31.6 25.5 38.3

Manual Integrations
APPROVED

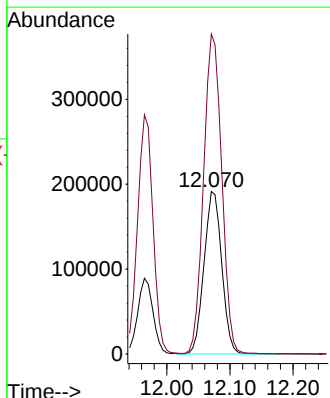
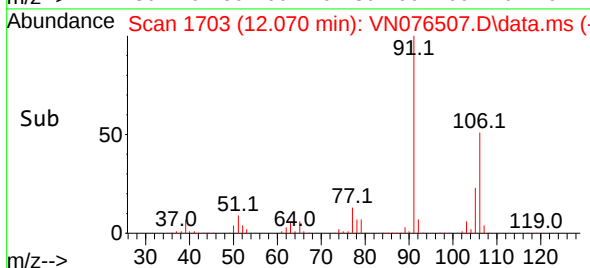
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023

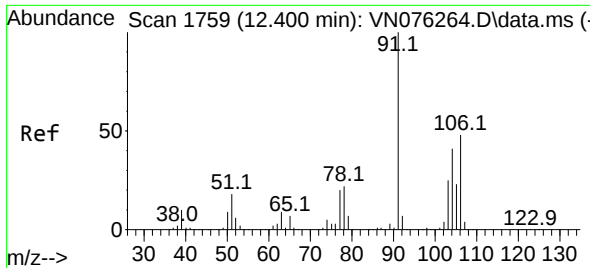


#68
m/p-Xylenes
Concen: 36.489 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51



Tgt Ion:106 Resp: 373603
Ion Ratio Lower Upper
106 100
91 201.6 157.5 236.3





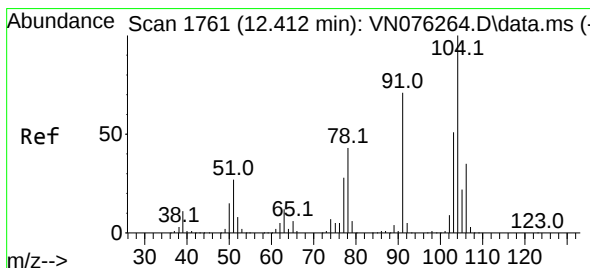
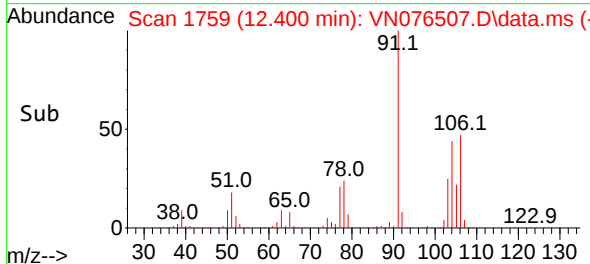
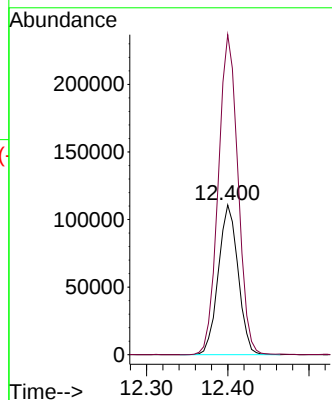
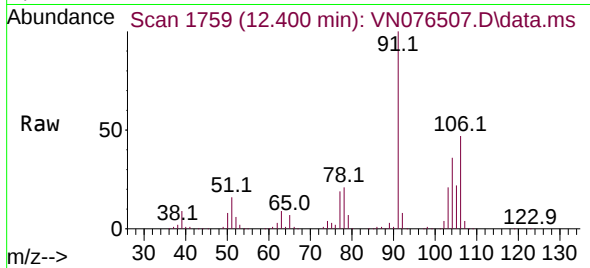
#69
o-Xylene
Concen: 18.650 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD02

Tgt Ion:106 Resp: 18751
Ion Ratio Lower Upper
106 100
91 213.7 103.2 309.4

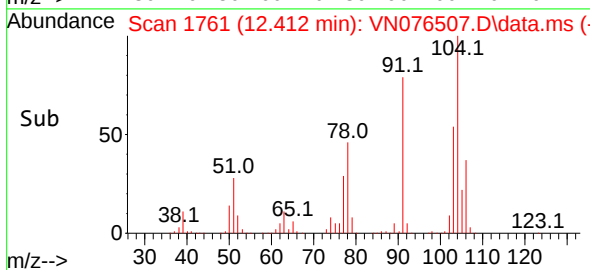
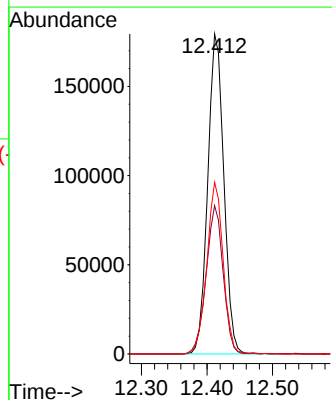
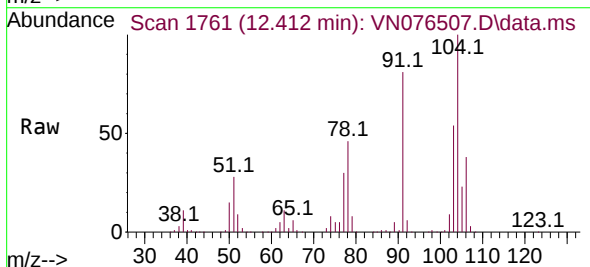
Manual Integrations
APPROVED

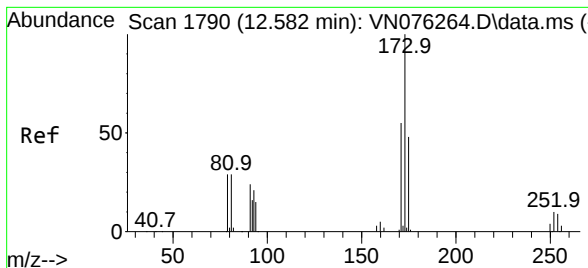
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023



#70
Styrene
Concen: 19.089 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

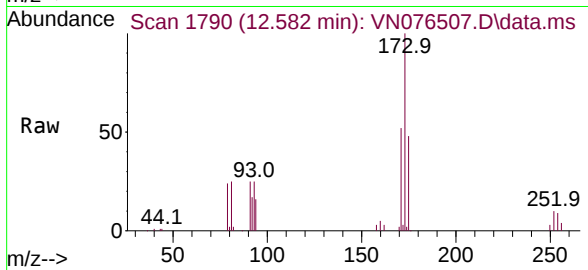
Tgt Ion:104 Resp: 306458
Ion Ratio Lower Upper
104 100
78 48.9 37.4 56.0
103 54.7 44.2 66.2





#71
Bromoform
Concen: 19.523 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

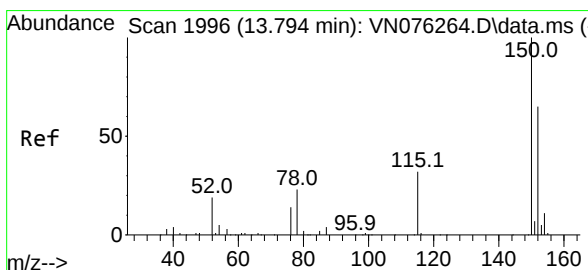
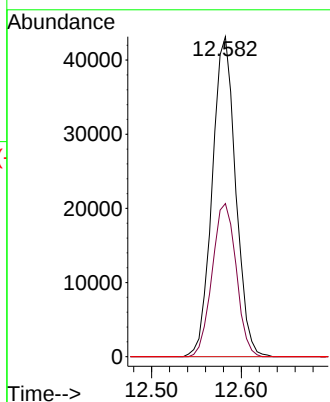
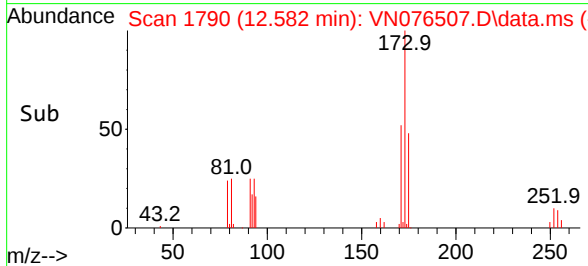
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD02



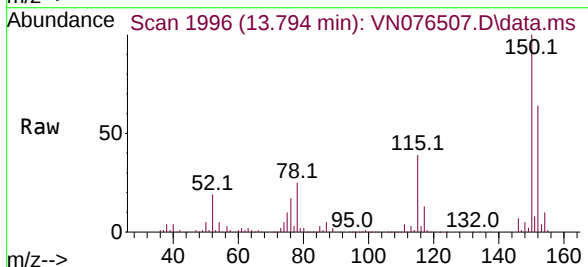
Tgt Ion:173 Resp: 7826
Ion Ratio Lower Upper
173 100
175 49.0 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

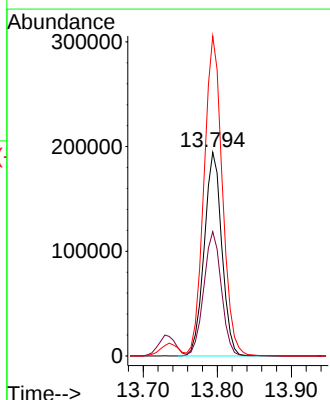
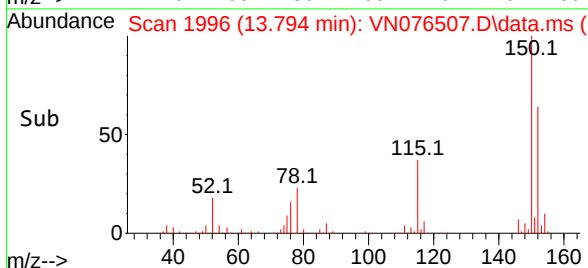
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023

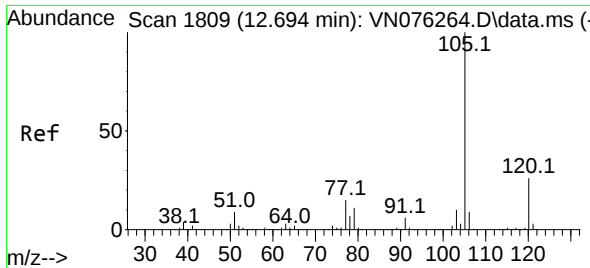


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51



Tgt Ion:152 Resp: 320224
Ion Ratio Lower Upper
152 100
115 61.1 29.6 88.9
150 163.7 0.0 351.4





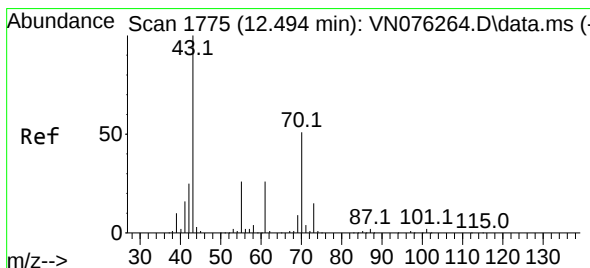
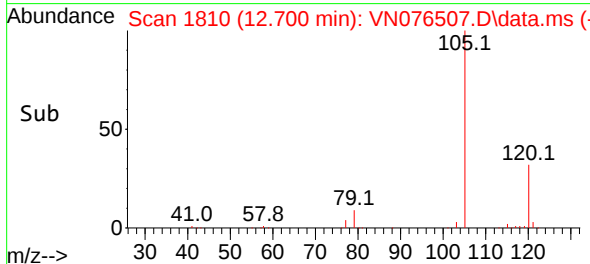
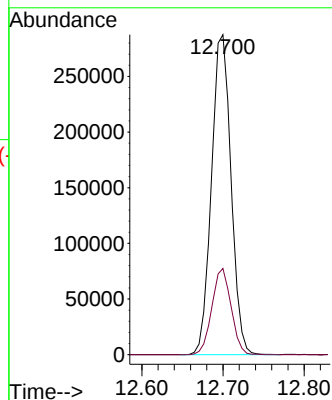
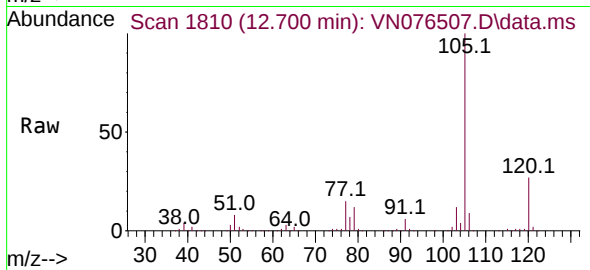
#73
Isopropylbenzene
Concen: 19.394 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD02

Tgt Ion:105 Resp: 48045
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.1

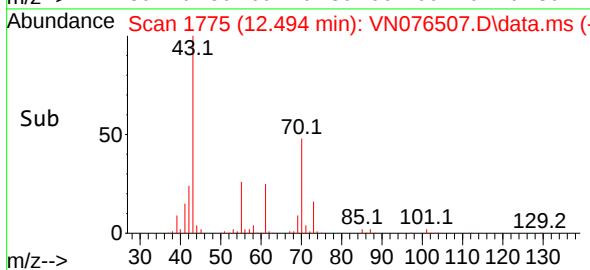
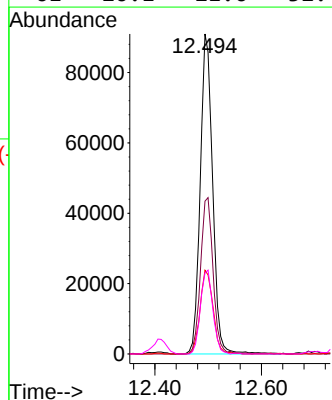
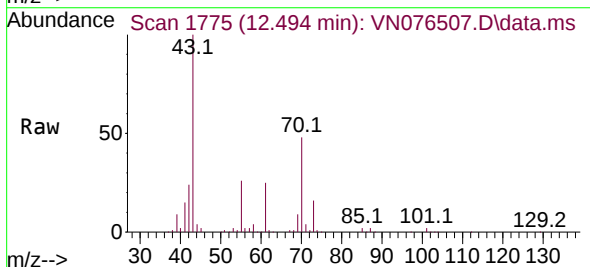
Manual Integrations
APPROVED

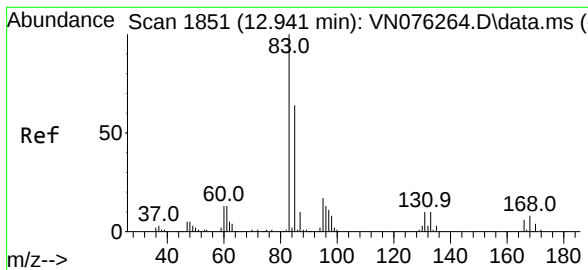
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023



#74
N-ethyl acetate
Concen: 20.636 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

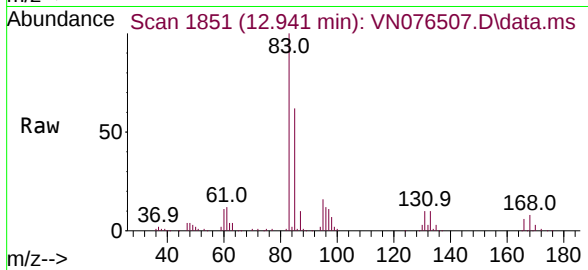
Tgt Ion: 43 Resp: 147049
Ion Ratio Lower Upper
43 100
70 49.3 41.2 61.8
55 27.3 21.0 31.6
61 26.1 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 20.182 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

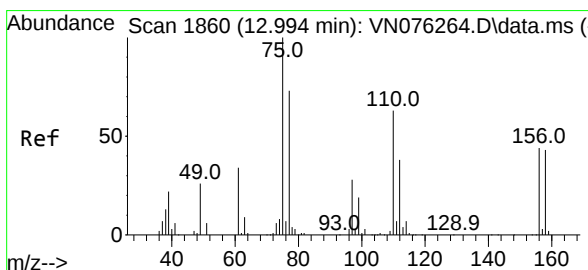
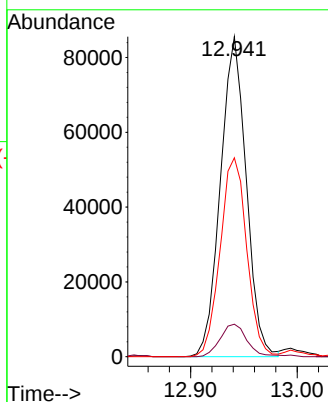
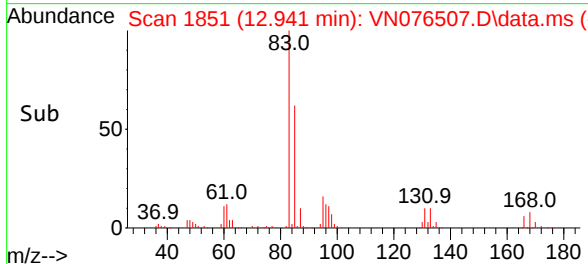
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD02



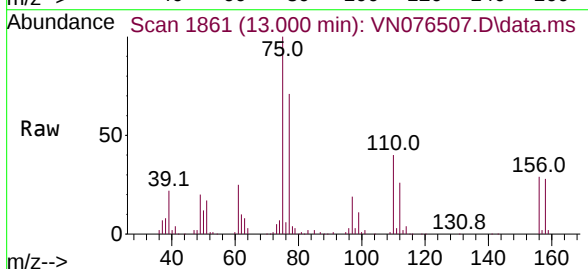
Tgt Ion: 83 Resp: 143725
Ion Ratio Lower Upper
83 100
131 10.8 5.5 16.4
85 64.0 31.7 95.1

Manual Integrations
APPROVED

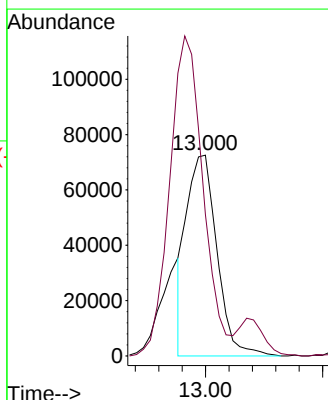
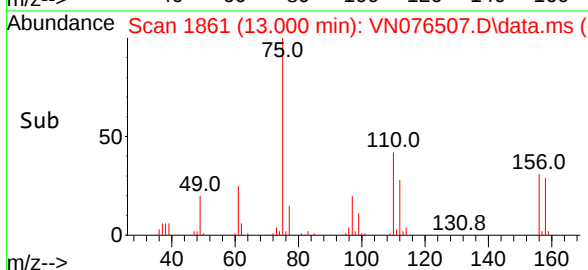
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023

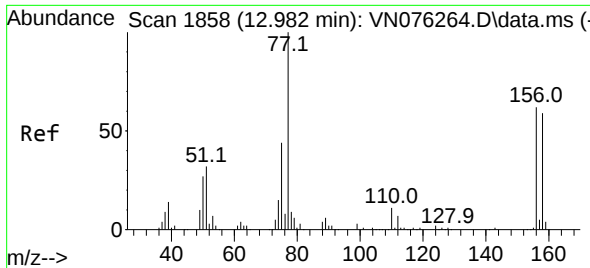


#76
1,2,3-Trichloropropane
Concen: 21.963 ug/l m
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51



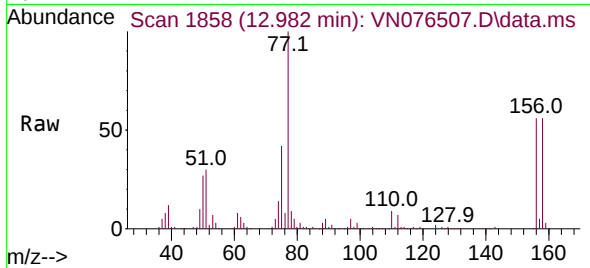
Tgt Ion: 75 Resp: 131227
Ion Ratio Lower Upper
75 100
77 175.4 75.2 225.6





#77
Bromobenzene
Concen: 19.377 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

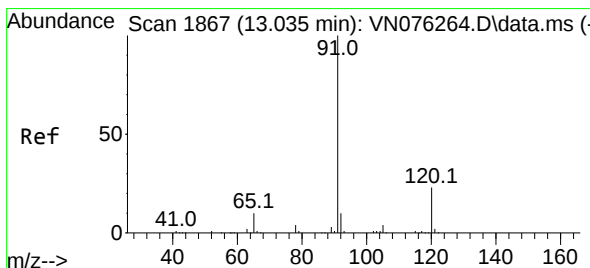
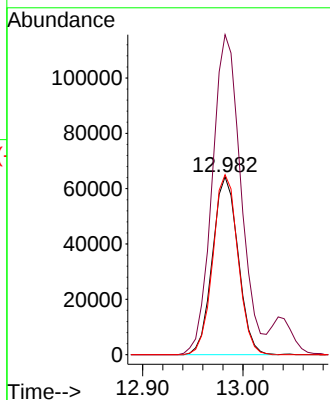
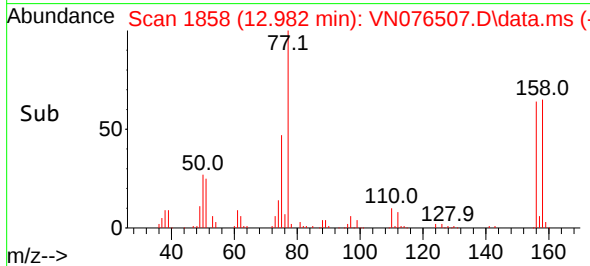
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD02



Tgt Ion:156 Resp: 11421
Ion Ratio Lower Upper
156 100
77 201.6 93.4 280.2
158 98.6 48.4 145.2

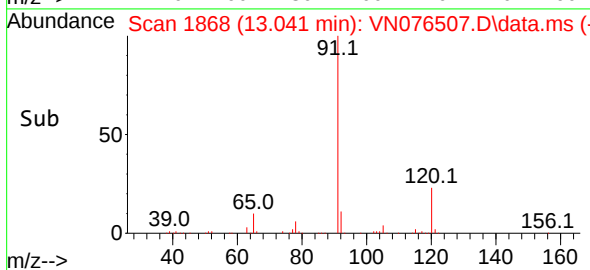
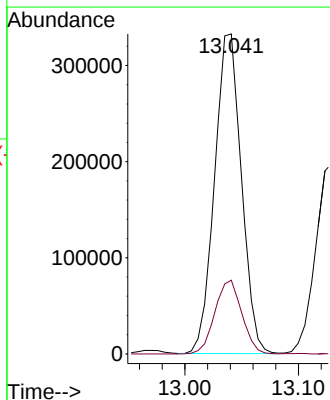
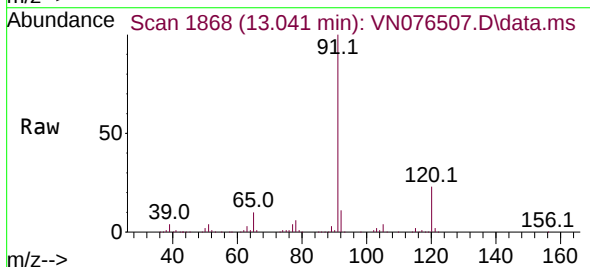
Manual Integrations
APPROVED

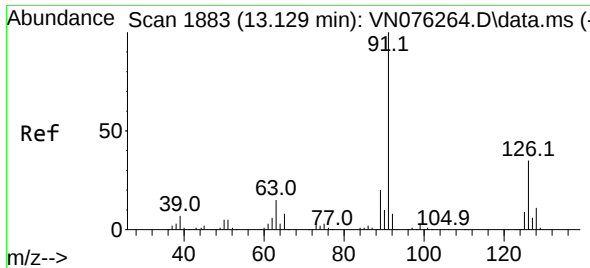
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023



#78
n-propylbenzene
Concen: 19.556 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

Tgt Ion: 91 Resp: 546628
Ion Ratio Lower Upper
91 100
120 23.1 11.9 35.5





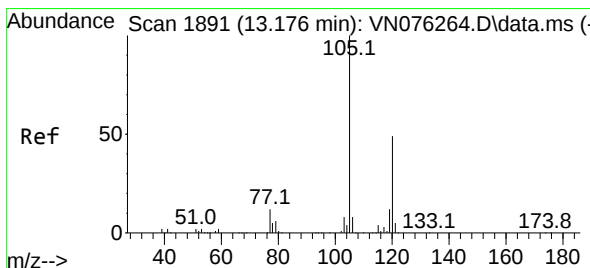
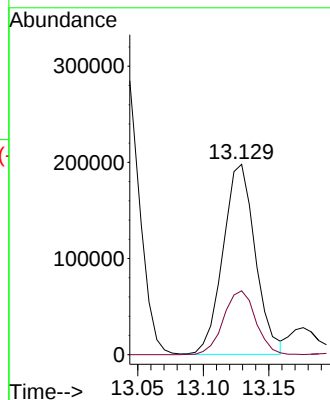
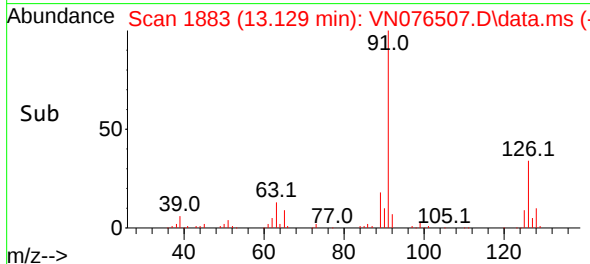
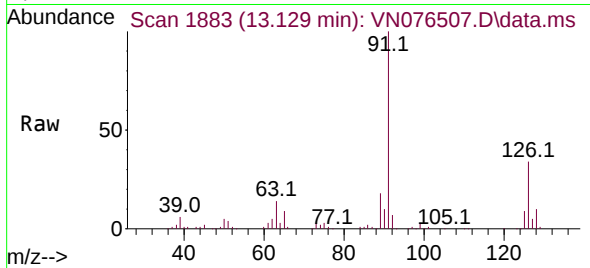
#79
2-Chlorotoluene
Concen: 19.738 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD02

Tgt Ion: 91 Resp: 33855
Ion Ratio Lower Upper
91 100
126 33.6 17.4 52.2

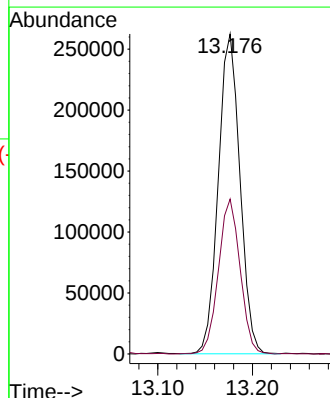
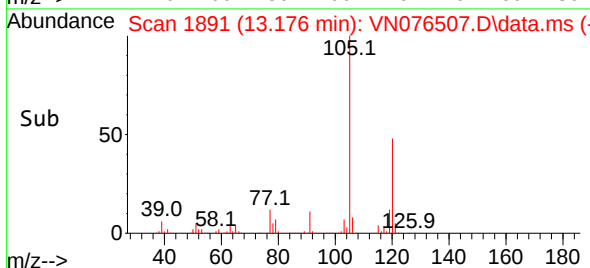
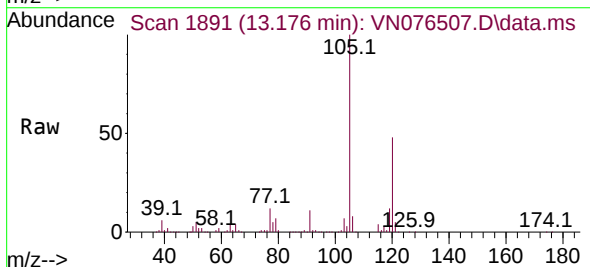
Manual Integrations
APPROVED

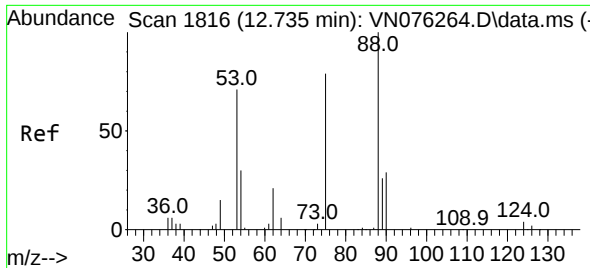
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.039 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

Tgt Ion:105 Resp: 415876
Ion Ratio Lower Upper
105 100
120 48.5 25.0 75.0





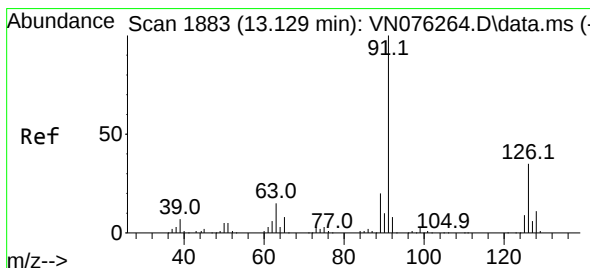
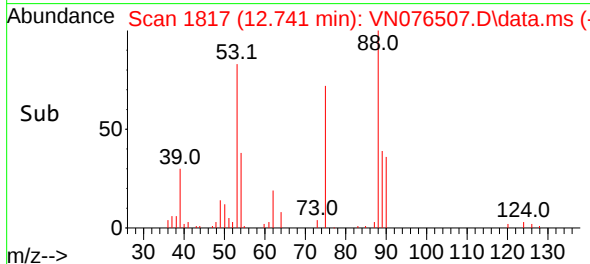
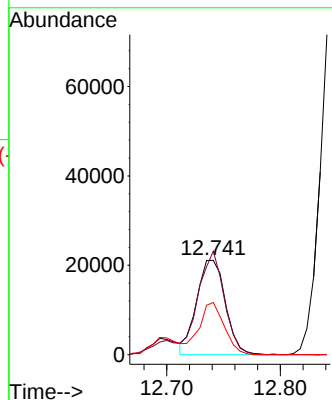
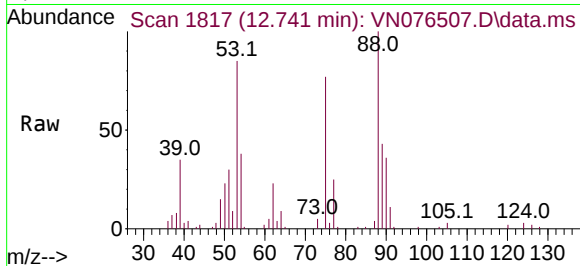
#81
trans-1,4-Dichloro-2-butene
Concen: 19.488 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD02

Tgt Ion: 75 Resp: 3750
Ion Ratio Lower Upper
75 100
53 98.3 75.8 113.8
89 49.4 37.0 55.6

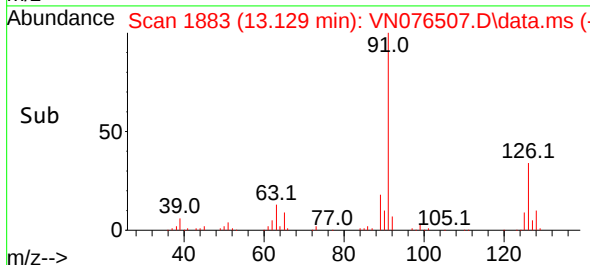
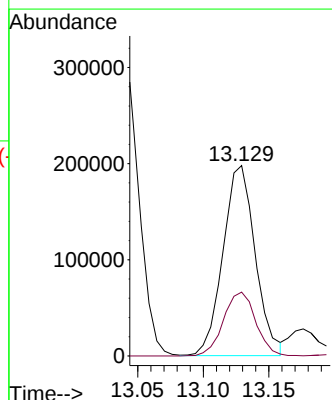
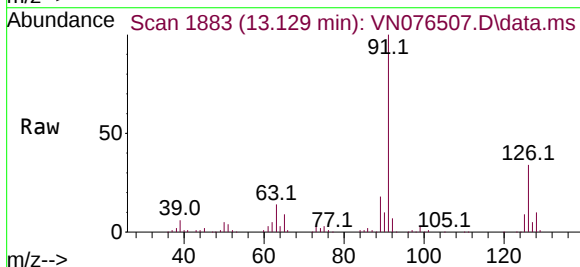
Manual Integrations
APPROVED

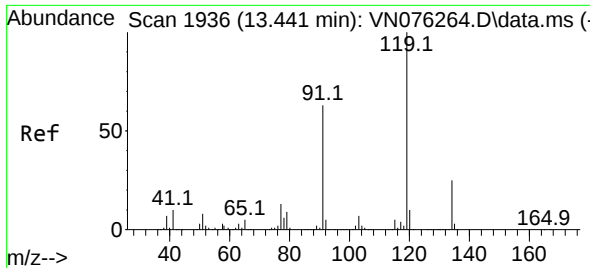
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023



#82
4-Chlorotoluene
Concen: 19.738 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

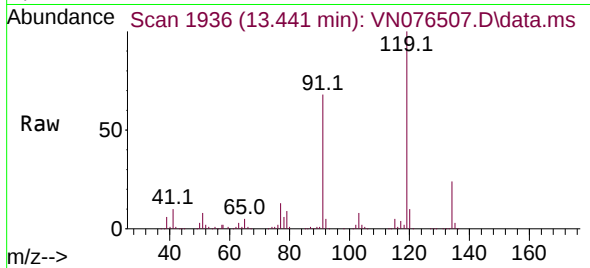
Tgt Ion: 91 Resp: 338551
Ion Ratio Lower Upper
91 100
126 33.6 17.4 52.2





#83
tert-Butylbenzene
Concen: 20.179 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

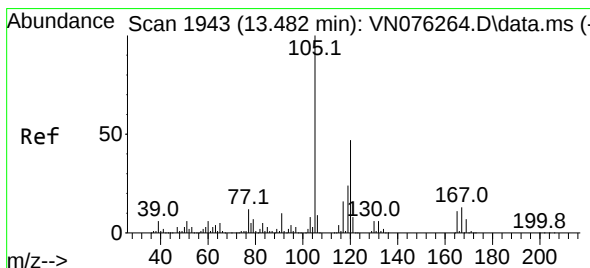
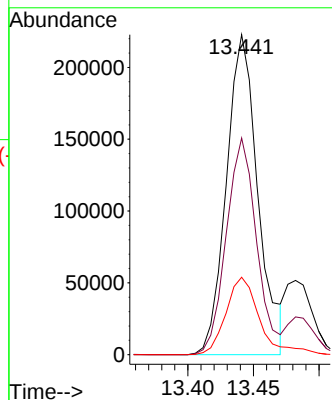
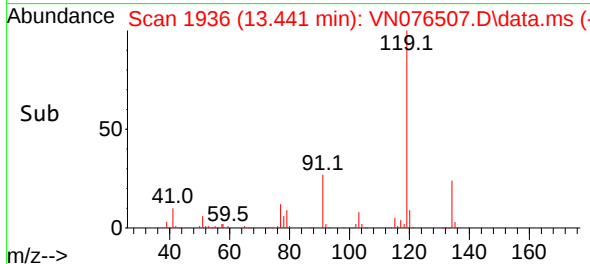
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD02



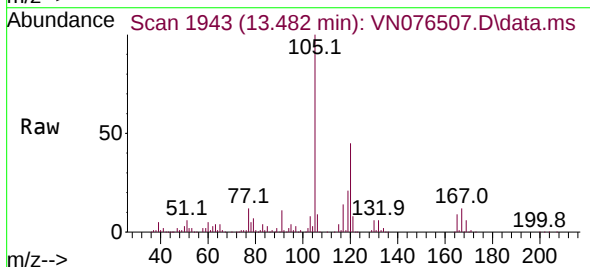
Tgt Ion:119 Resp: 372470
Ion Ratio Lower Upper
119 100
91 65.2 32.2 96.6
134 25.9 13.6 40.8

Manual Integrations
APPROVED

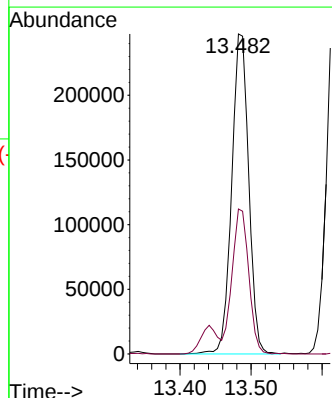
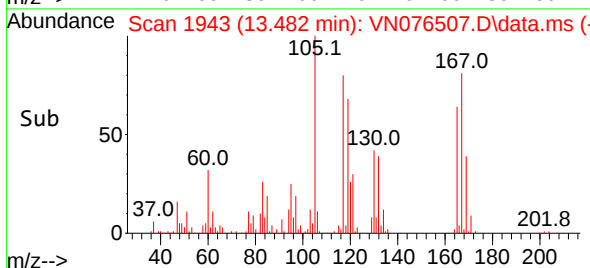
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023

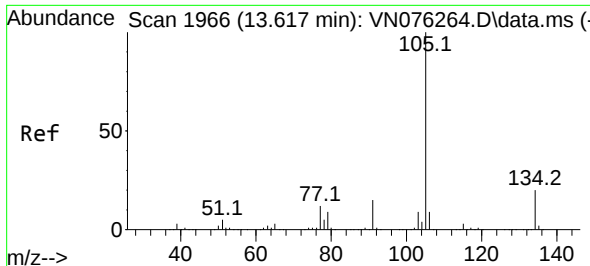


#84
1,2,4-Trimethylbenzene
Concen: 19.806 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51



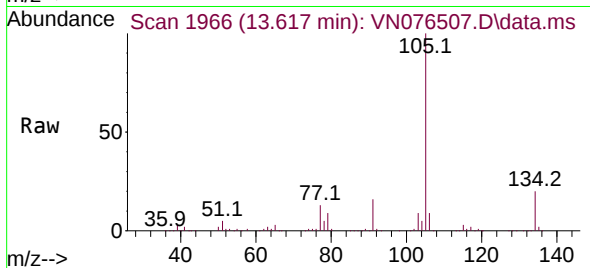
Tgt Ion:105 Resp: 412161
Ion Ratio Lower Upper
105 100
120 44.5 22.9 68.5





#85
 sec-Butylbenzene
 Concen: 19.384 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076507.D
 Acq: 02 Feb 2023 13:51

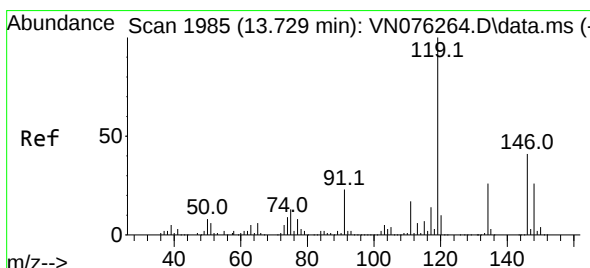
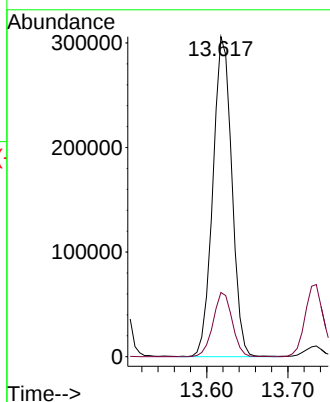
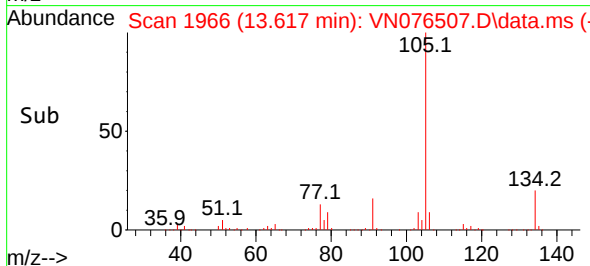
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0202WBSD02



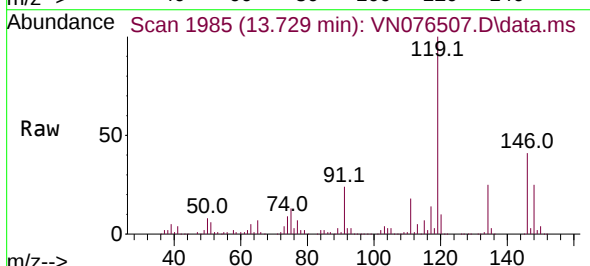
Tgt Ion:105 Resp: 496460
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.3 30.8

Manual Integrations
 APPROVED

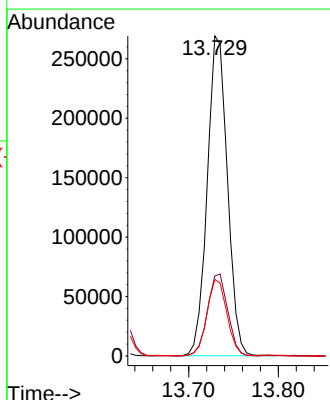
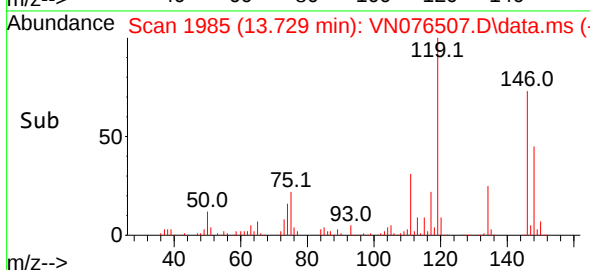
Reviewed By :John Carlone 02/03/2023
 Supervised By :Mahesh Dadoda 02/03/2023

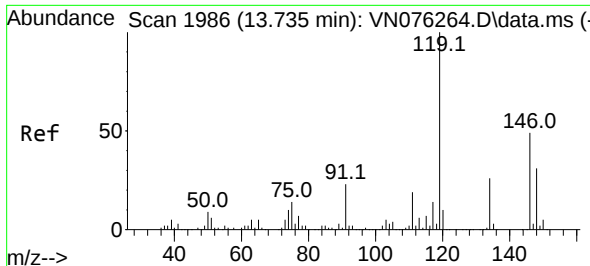


#86
 p-Isopropyltoluene
 Concen: 19.927 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076507.D
 Acq: 02 Feb 2023 13:51



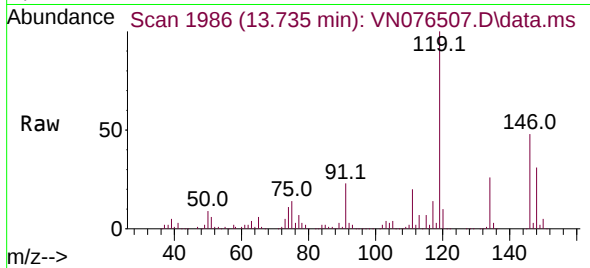
Tgt Ion:119 Resp: 419694
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.6
 91 23.6 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 18.050 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

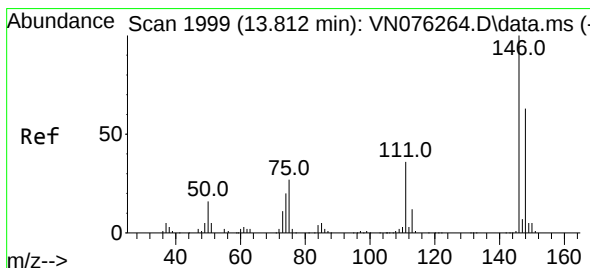
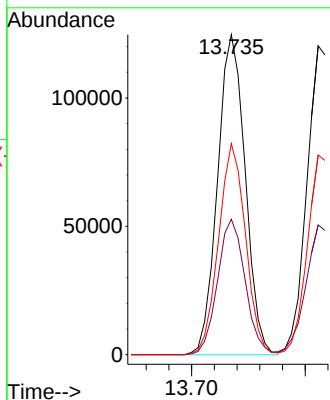
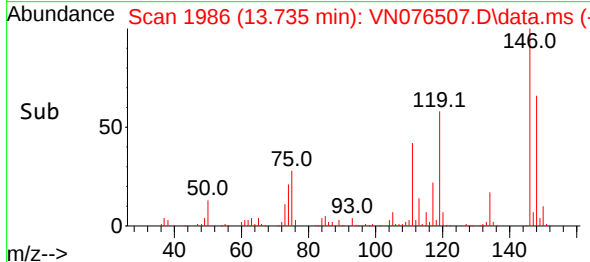
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD02



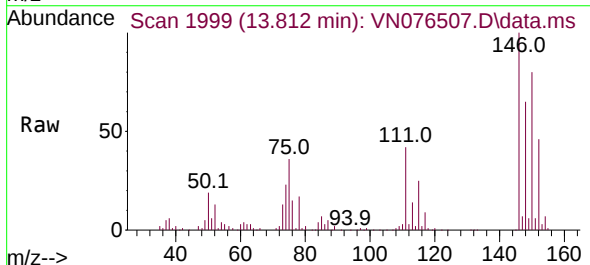
Tgt Ion:146 Resp: 210750
Ion Ratio Lower Upper
146 100
111 42.1 19.9 59.7
148 64.4 31.6 94.8

Manual Integrations
APPROVED

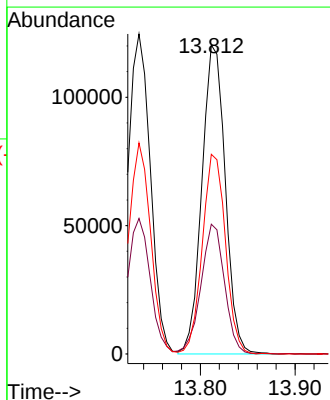
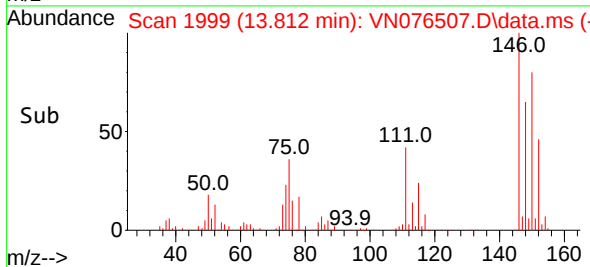
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023

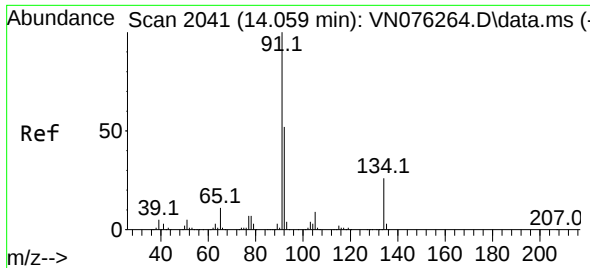


#88
1,4-Dichlorobenzene
Concen: 18.670 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51



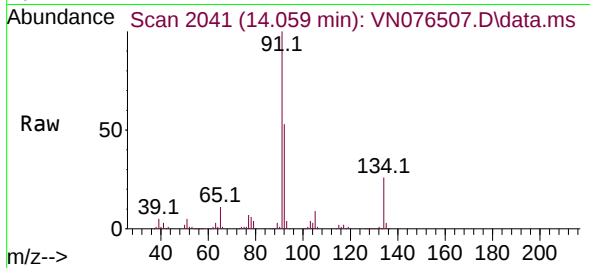
Tgt Ion:146 Resp: 206664
Ion Ratio Lower Upper
146 100
111 42.5 19.1 57.5
148 64.2 31.9 95.9





#89
n-Butylbenzene
Concen: 19.259 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

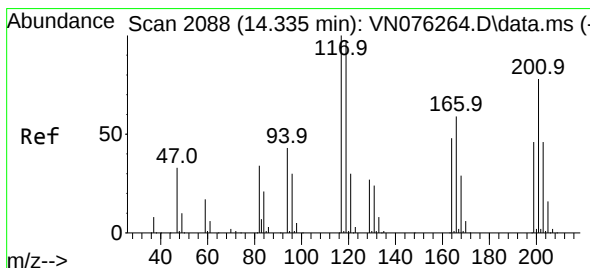
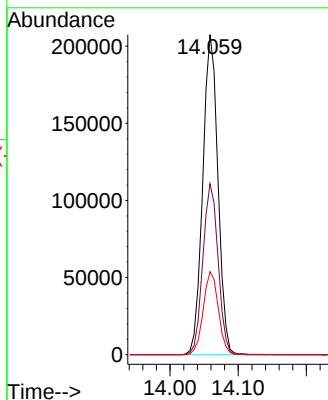
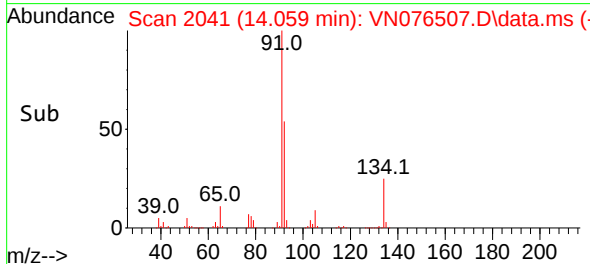
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD02



Tgt Ion: 91 Resp: 321990
Ion Ratio Lower Upper
91 100
92 53.5 26.3 78.9
134 25.8 13.2 39.5

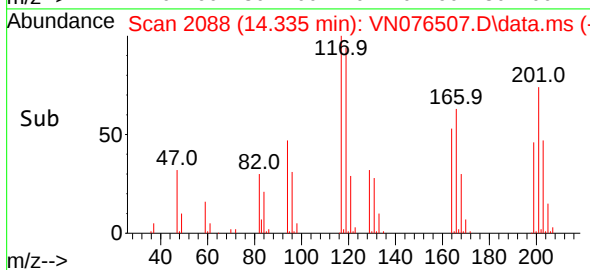
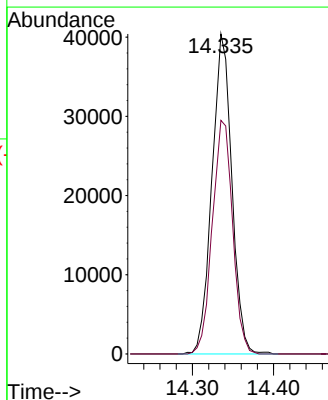
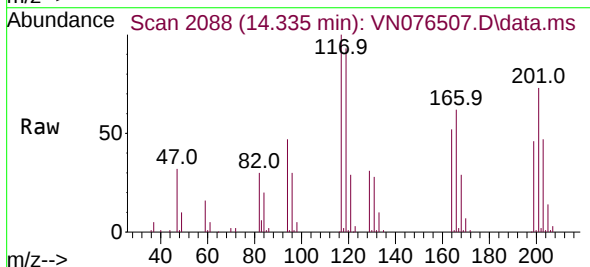
Manual Integrations
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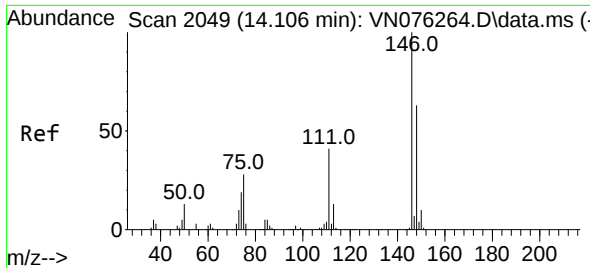
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023



#90
Hexachloroethane
Concen: 18.936 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

Tgt Ion:117 Resp: 68833
Ion Ratio Lower Upper
117 100
201 74.3 37.3 111.9





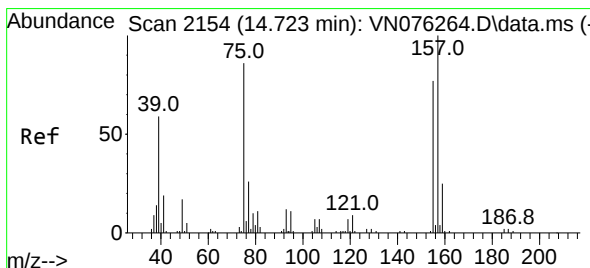
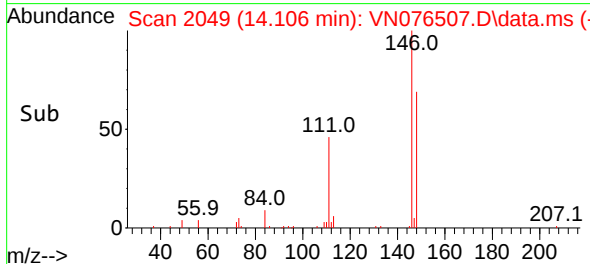
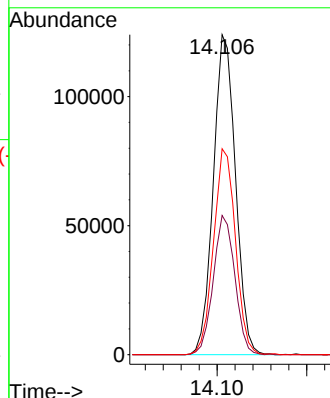
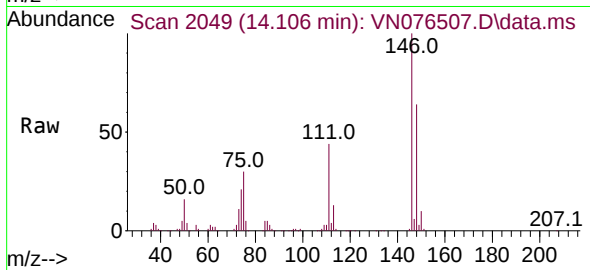
#91
1,2-Dichlorobenzene
Concen: 18.280 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD02

Tgt Ion:146 Resp: 212580
Ion Ratio Lower Upper
146 100
111 42.4 20.3 60.8
148 63.8 31.8 95.4

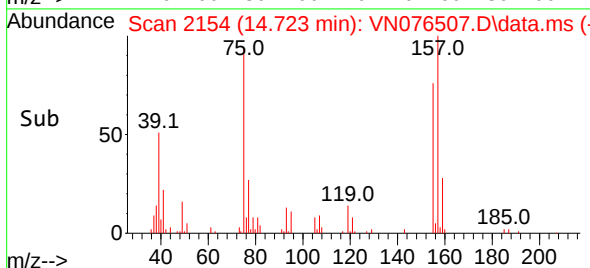
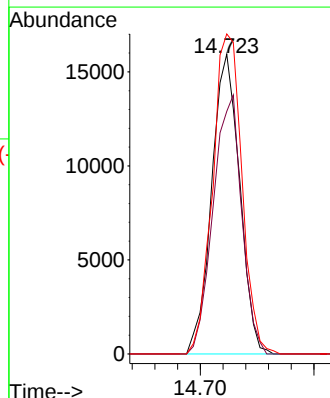
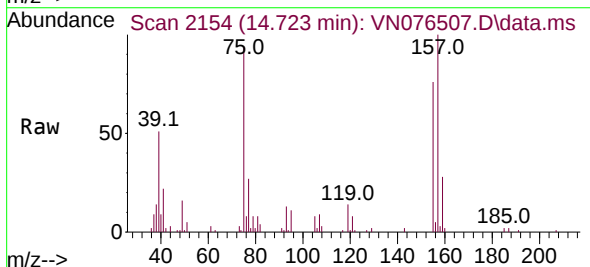
Manual Integrations
APPROVED

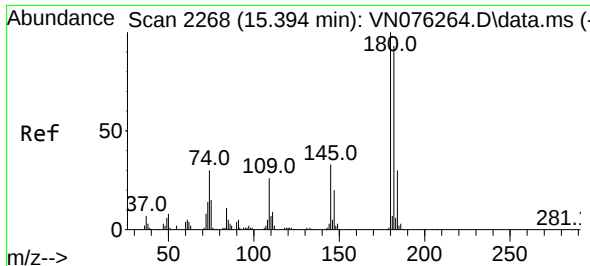
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.063 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

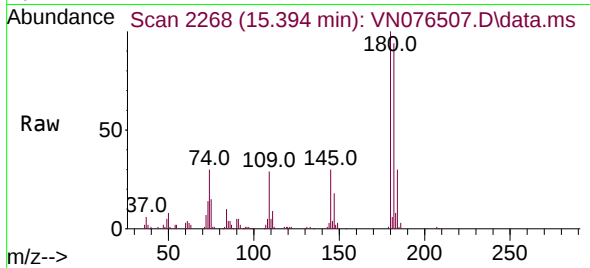
Tgt Ion: 75 Resp: 27312
Ion Ratio Lower Upper
75 100
155 88.0 45.0 135.0
157 111.7 58.3 174.9





#93
1,2,4-Trichlorobenzene
Concen: 19.533 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

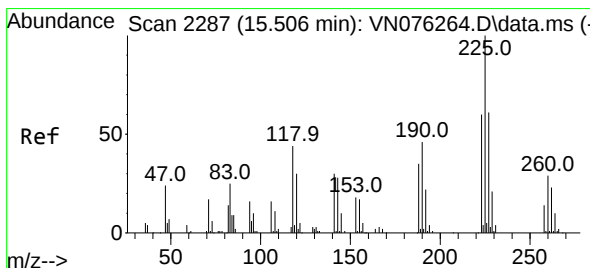
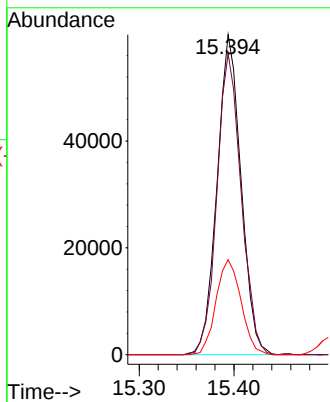
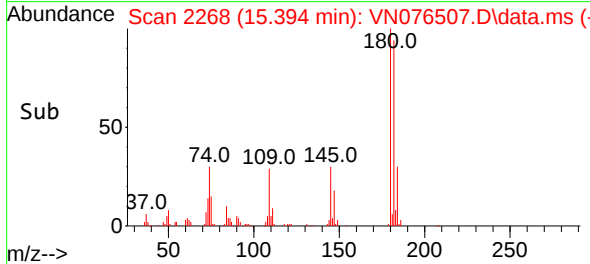
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD02



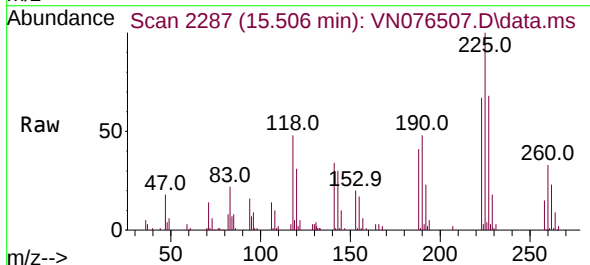
Tgt Ion:180 Resp: 10517
Ion Ratio Lower Upper
180 100
182 95.2 47.0 141.2
145 30.9 15.2 45.5

Manual Integrations
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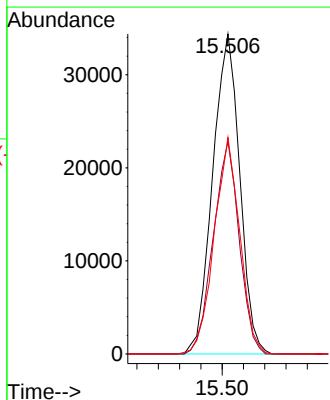
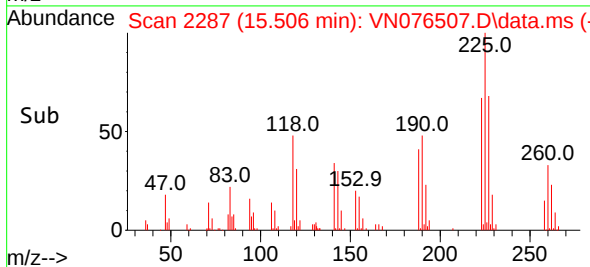
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023

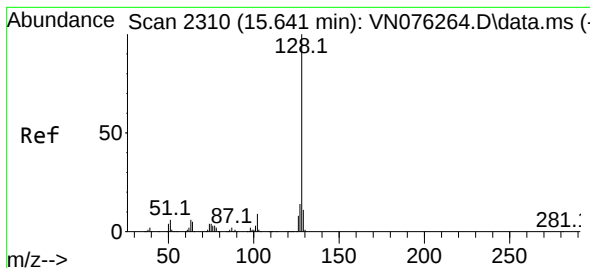


#94
Hexachlorobutadiene
Concen: 19.601 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. -0.001 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51



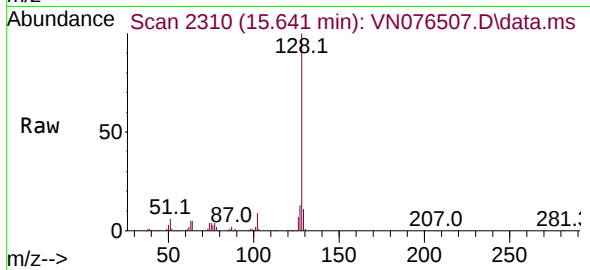
Tgt Ion:225 Resp: 60490
Ion Ratio Lower Upper
225 100
223 63.7 30.8 92.3
227 64.0 30.9 92.8





#95
Naphthalene
Concen: 21.009 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51

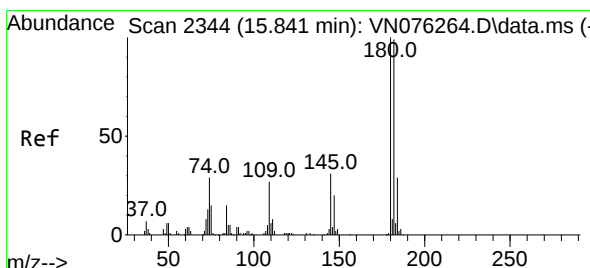
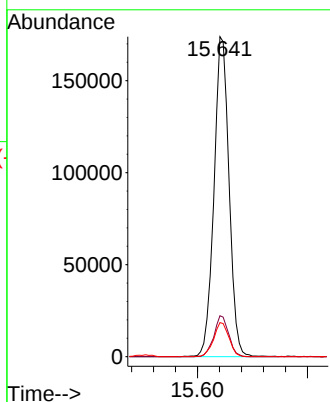
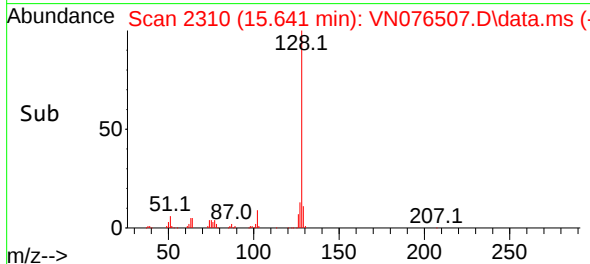
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD02



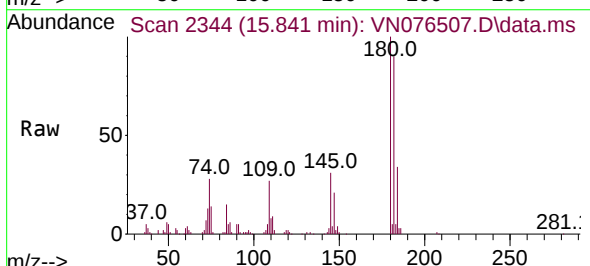
Tgt Ion:128 Resp: 331140
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.227 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN076507.D
Acq: 02 Feb 2023 13:51



Tgt Ion:180 Resp: 104574
Ion Ratio Lower Upper
180 100
182 96.6 47.5 142.5
145 34.3 15.9 47.6

