

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020723\
 Data File : VN076560.D
 Acq On : 07 Feb 2023 12:31
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Feb 08 08:58:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 08:54:01 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	553718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	929701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	828261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	352180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	63896	9.777	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	19.560%#		
35) Dibromofluoromethane	8.177	113	56684	9.808	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	19.620%#		
50) Toluene-d8	10.571	98	207771	9.556	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	19.120%#		
62) 4-Bromofluorobenzene	12.853	95	71425	9.325	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	18.640%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	67301	11.700	ug/l	99
3) Chloromethane	2.377	50	58530	11.071	ug/l	96
4) Vinyl Chloride	2.530	62	52249	10.763	ug/l	99
5) Bromomethane	2.977	94	40250	11.176	ug/l	99
6) Chloroethane	3.142	64	30109	10.254	ug/l	93
7) Trichlorofluoromethane	3.518	101	101065	10.563	ug/l	100
8) Diethyl Ether	3.977	74	38176	10.537	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.389	101	61775	10.422	ug/l	99
10) Methyl Iodide	4.606	142	91559	10.561	ug/l	99
11) Tert butyl alcohol	5.536	59	43414	51.000	ug/l	100
12) 1,1-Dichloroethene	4.359	96	61696	11.142	ug/l	91
13) Acrolein	4.200	56	53625	47.155	ug/l	99
14) Allyl chloride	5.036	41	79052	10.962	ug/l	94
15) Acrylonitrile	5.736	53	131685	51.550	ug/l	99
16) Acetone	4.447	43	112464	52.195	ug/l	99
17) Carbon Disulfide	4.730	76	150118	10.465	ug/l	100
18) Methyl Acetate	5.047	43	72962	10.702	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	190716	10.356	ug/l	97
20) Methylene Chloride	5.294	84	68046	10.244	ug/l	94
21) trans-1,2-Dichloroethene	5.800	96	63021	10.471	ug/l	93
22) Diisopropyl ether	6.689	45	174544	10.679	ug/l #	95
23) Vinyl Acetate	6.618	43	517402m	50.433	ug/l	
24) 1,1-Dichloroethane	6.583	63	110993	10.575	ug/l	99
25) 2-Butanone	7.494	43	157978	51.007	ug/l	97
26) 2,2-Dichloropropane	7.500	77	91807	10.479	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	74775	10.624	ug/l	100
28) Bromochloromethane	7.818	49	41290	9.818	ug/l	97
29) Tetrahydrofuran	7.847	42	104423	52.460	ug/l	99
30) Chloroform	7.971	83	121097	10.636	ug/l	91
31) Cyclohexane	8.259	56	109071	10.559	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	106337	10.423	ug/l	96
36) 1,1-Dichloropropene	8.383	75	84772	10.273	ug/l	99
37) Ethyl Acetate	7.571	43	68045	10.833	ug/l	99
38) Carbon Tetrachloride	8.365	117	94179	10.615	ug/l	98
39) Methylcyclohexane	9.606	83	106232	10.367	ug/l	95
40) Benzene	8.612	78	268087	10.718	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	37352	10.671	ug/l	98
42) 1,2-Dichloroethane	8.677	62	85187	10.460	ug/l	99
43) Isopropyl Acetate	8.694	43	108789	10.575	ug/l	98
44) Trichloroethene	9.359	130	70836	10.605	ug/l	97
45) 1,2-Dichloropropane	9.624	63	63238	10.526	ug/l	95
46) Dibromomethane	9.718	93	45016	10.388	ug/l	97
47) Bromodichloromethane	9.894	83	92239	10.584	ug/l #	96
48) Methyl methacrylate	9.682	41	50602	10.002	ug/l	98
49) 1,4-Dioxane	9.700	88	21475	198.433	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	327036	52.897	ug/l	98
52) Toluene	10.629	92	171033	10.595	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	85642	10.171	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	99865	10.400	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	66542	10.525	ug/l	99
56) Ethyl methacrylate	10.876	69	86607	10.235	ug/l	98
57) 1,3-Dichloropropane	11.165	76	107886	10.542	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	115204	47.642	ug/l	99
59) 2-Hexanone	11.200	43	230279	52.246	ug/l	97
60) Dibromochloromethane	11.359	129	69767	10.471	ug/l	100
61) 1,2-Dibromoethane	11.471	107	64982	10.383	ug/l	99
64) Tetrachloroethene	11.106	164	72877	10.567	ug/l	97
65) Chlorobenzene	11.894	112	181678	10.607	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	67370	10.621	ug/l	97
67) Ethyl Benzene	11.965	91	316846	10.409	ug/l	100
68) m/p-Xylenes	12.070	106	250228	21.099	ug/l	99
69) o-Xylene	12.400	106	123621	10.644	ug/l	100
70) Styrene	12.412	104	194435	10.526	ug/l	99
71) Bromoform	12.582	173	45551	10.288	ug/l #	99
73) Isopropylbenzene	12.700	105	313546	10.871	ug/l	99
74) N-amyl acetate	12.494	43	84382	10.491	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	87306	11.043	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	67551m	9.694	ug/l	
77) Bromobenzene	12.982	156	71706	10.688	ug/l	100
78) n-propylbenzene	13.041	91	345315	10.873	ug/l	100
79) 2-Chlorotoluene	13.129	91	219408	10.845	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	266207	11.121	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	21891	10.341	ug/l	97
82) 4-Chlorotoluene	13.129	91	219408	10.845	ug/l	100
83) tert-Butylbenzene	13.441	119	237932	11.097	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	261544	10.979	ug/l	100
85) sec-Butylbenzene	13.617	105	315275	10.904	ug/l	100
86) p-Isopropyltoluene	13.735	119	254556	10.743	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	127668	10.339	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	125870	10.035	ug/l	97
89) n-Butylbenzene	14.059	91	187727	10.005	ug/l	99
90) Hexachloroethane	14.335	117	43010	10.421	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	127124	10.442	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13336	9.747	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	52048	9.330	ug/l	99
94) Hexachlorobutadiene	15.506	225	32876	10.481	ug/l	98
95) Naphthalene	15.641	128	145144	8.944	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	49712	9.305	ug/l	96

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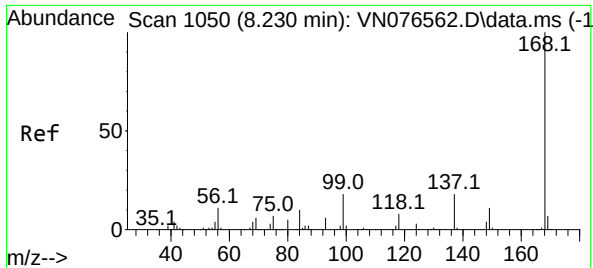
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

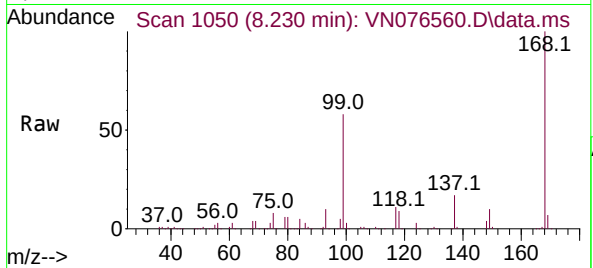
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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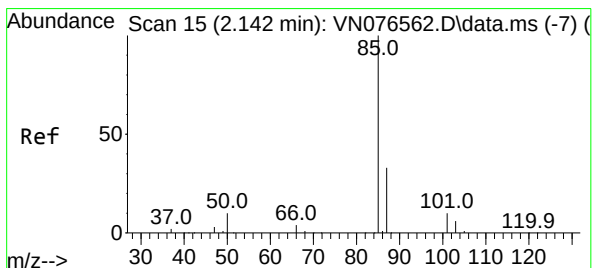
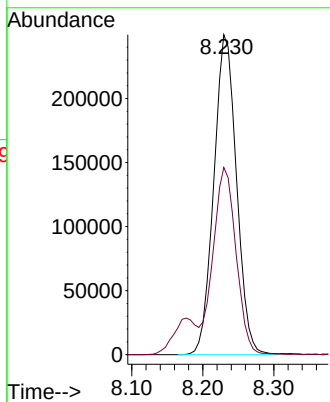
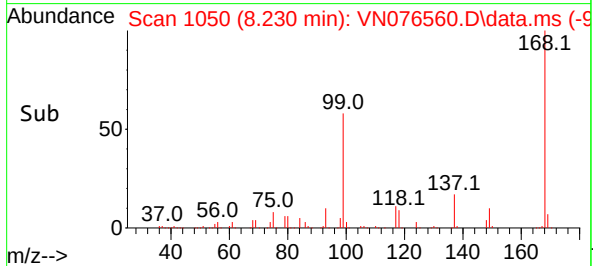
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 553718
Ion Ratio Lower Upper
168 100
99 58.3 47.8 71.8

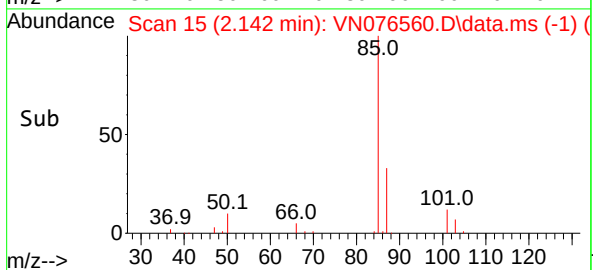
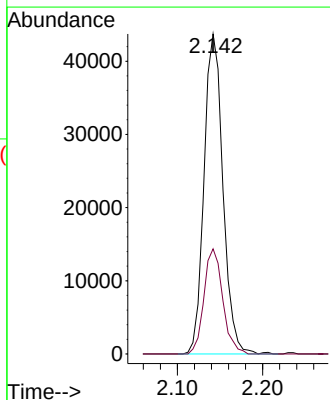
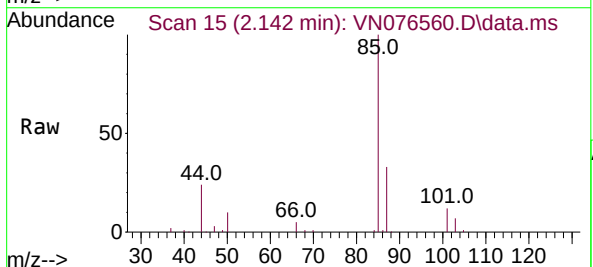
Manual Integrations
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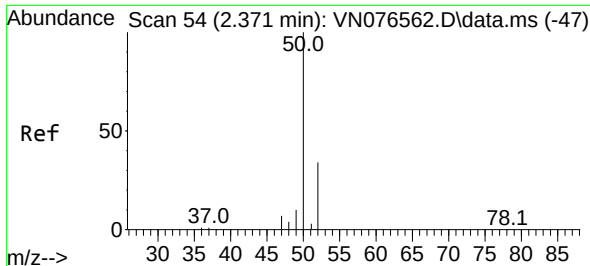
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#2
Dichlorodifluoromethane
Concen: 11.700 ug/l
RT: 2.142 min Scan# 15
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

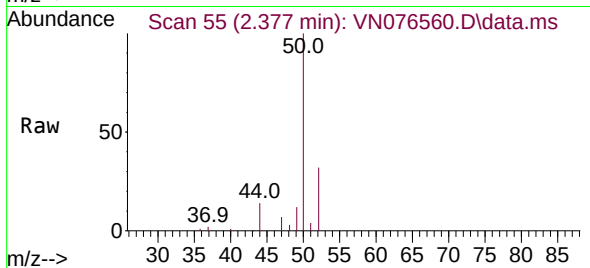
Tgt Ion: 85 Resp: 67301
Ion Ratio Lower Upper
85 100
87 32.9 16.6 49.8





#3
Chloromethane
Concen: 11.071 ug/l
RT: 2.377 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

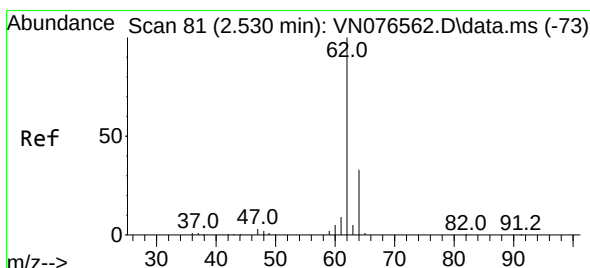
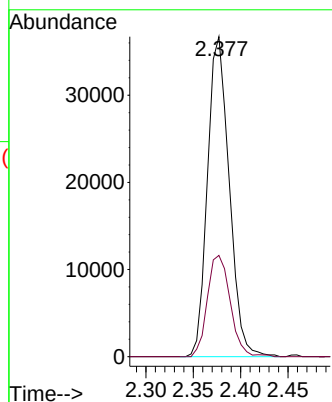
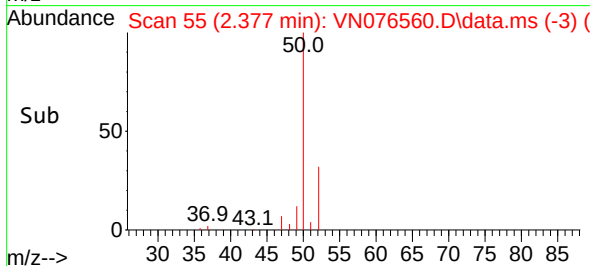
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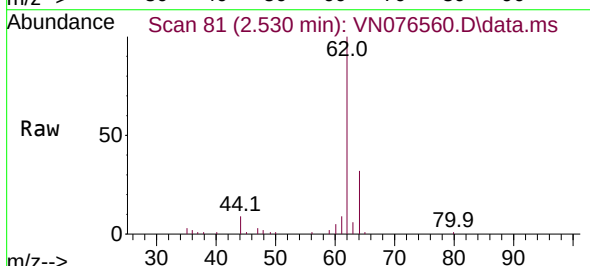
Tgt Ion: 50 Resp: 58530
Ion Ratio Lower Upper
50 100
52 31.7 27.0 40.4

Manual Integrations
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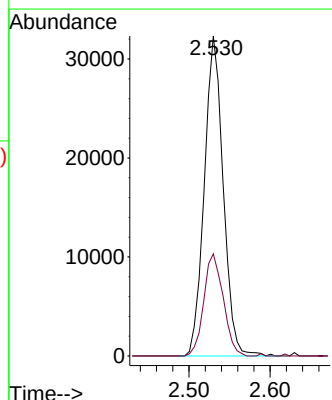
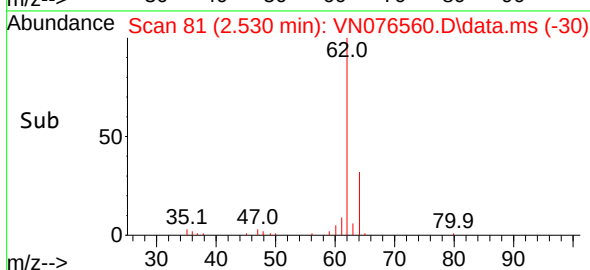
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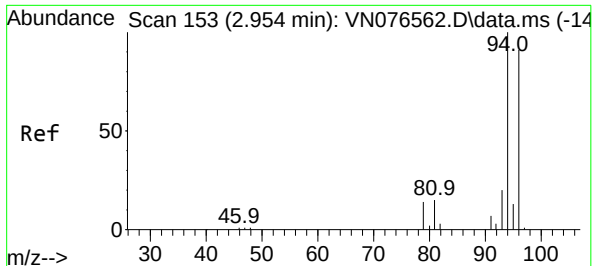


#4
Vinyl Chloride
Concen: 10.763 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31



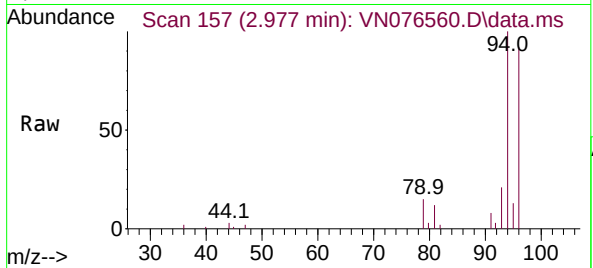
Tgt Ion: 62 Resp: 52249
Ion Ratio Lower Upper
62 100
64 31.9 26.0 39.0





#5
Bromomethane
Concen: 11.176 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

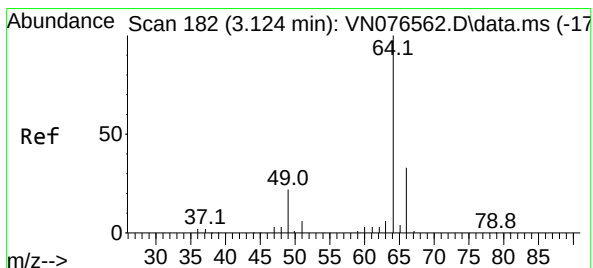
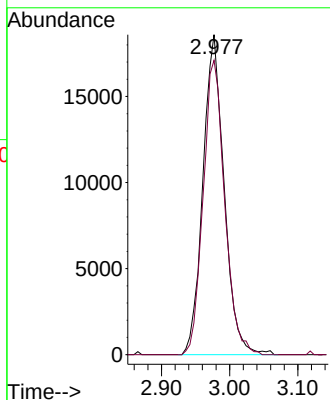
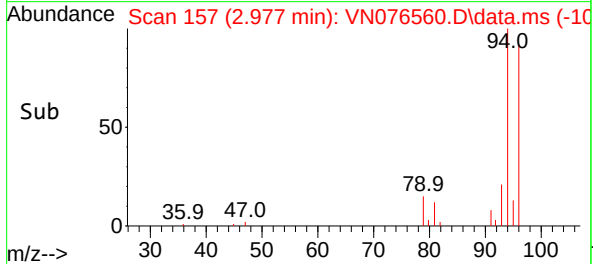
Instrument :
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Tgt Ion: 94 Resp: 40250
Ion Ratio Lower Upper
94 100
96 92.0 72.7 109.1

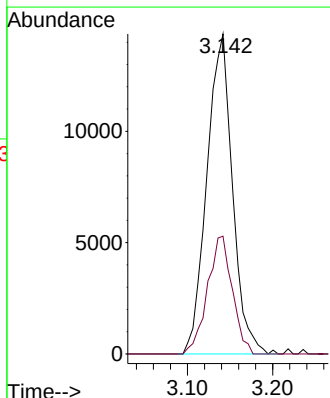
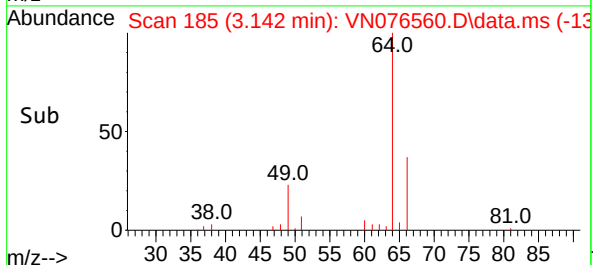
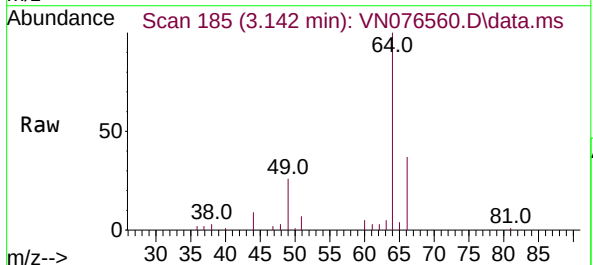
Manual Integrations
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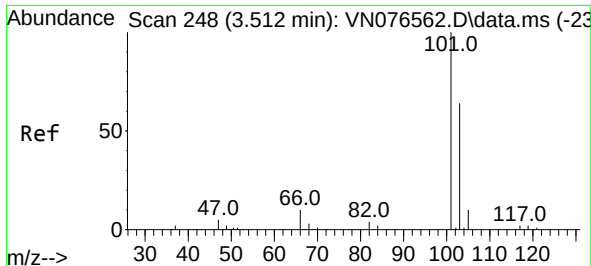
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#6
Chloroethane
Concen: 10.254 ug/l
RT: 3.142 min Scan# 185
Delta R.T. 0.018 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

Tgt Ion: 64 Resp: 30109
Ion Ratio Lower Upper
64 100
66 36.8 26.3 39.5





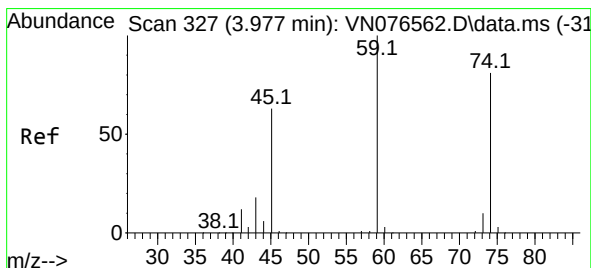
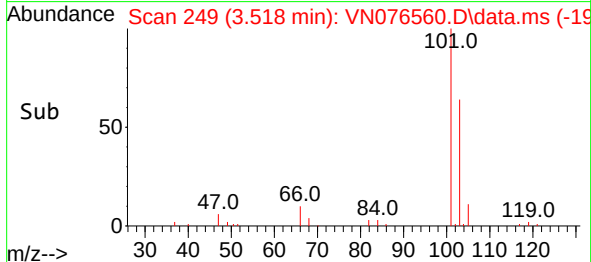
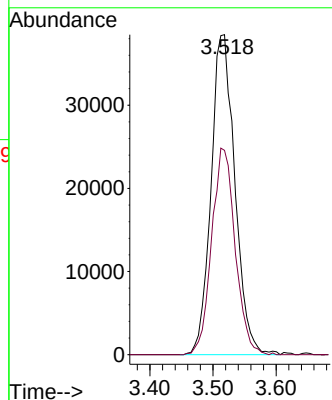
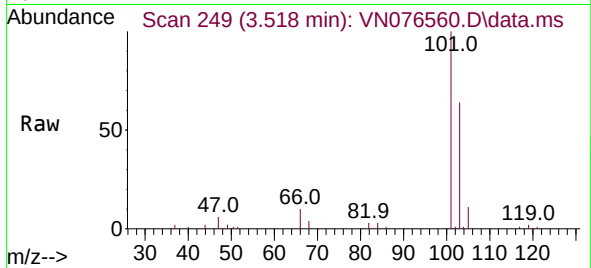
#7
 Trichlorofluoromethane
 Concen: 10.563 ug/l
 RT: 3.518 min Scan# 248
 Delta R.T. 0.006 min
 Lab File: VN076560.D
 Acq: 07 Feb 2023 12:31

Instrument :
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Tgt Ion:101 Resp: 10106
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.3 76.9

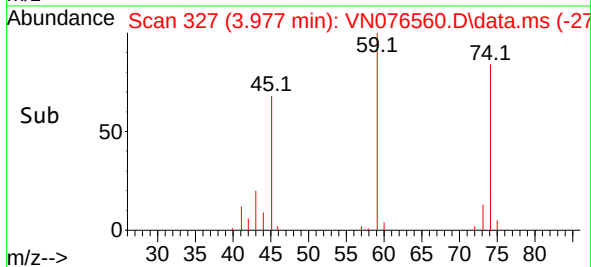
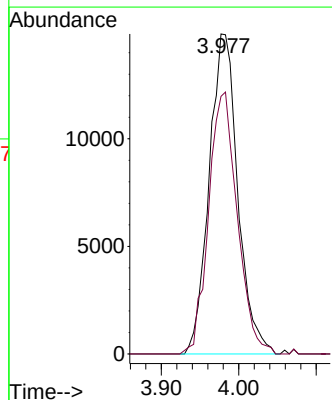
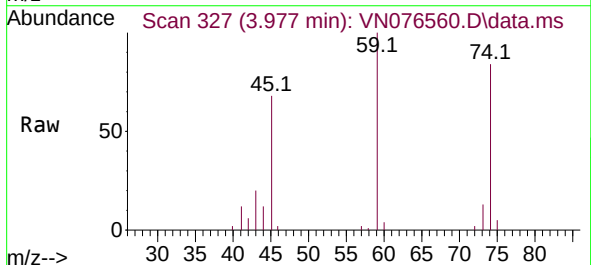
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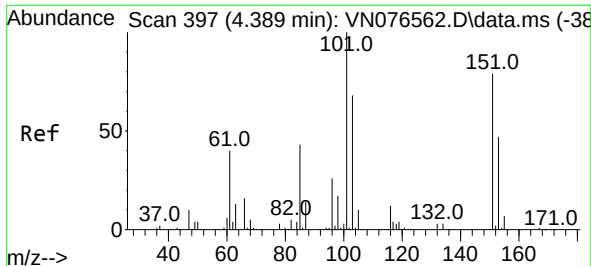
Reviewed By :John Carlone 02/08/2023
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#8
 Diethyl Ether
 Concen: 10.537 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. -0.000 min
 Lab File: VN076560.D
 Acq: 07 Feb 2023 12:31

Tgt Ion: 74 Resp: 38176
 Ion Ratio Lower Upper
 74 100
 45 82.0 39.8 119.4





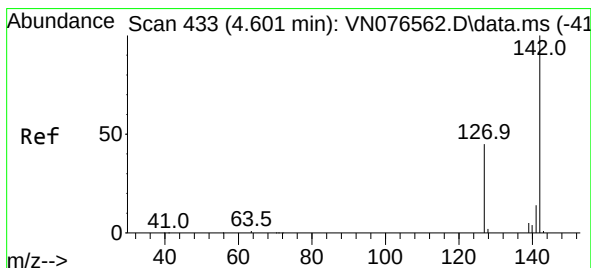
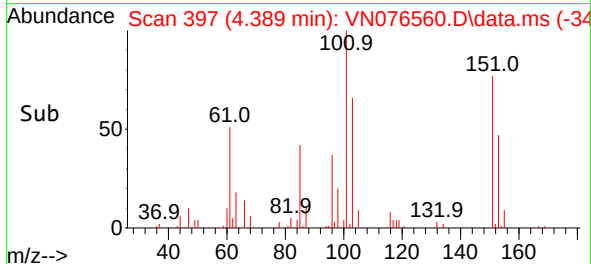
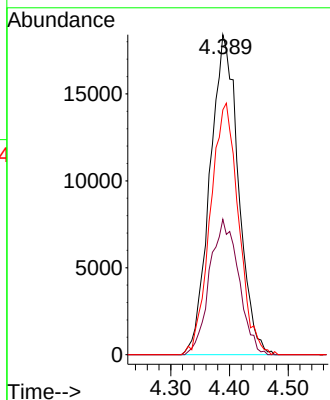
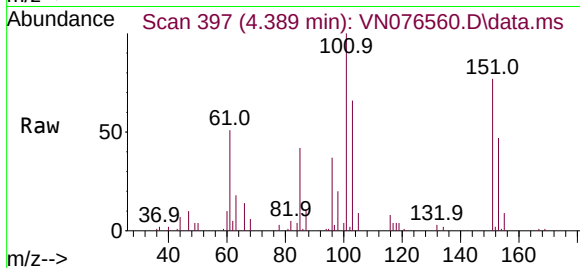
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.422 ug/l
RT: 4.389 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 6177
Ion Ratio Lower Upper
101 100
85 43.2 33.9 50.9
151 78.2 62.5 93.7

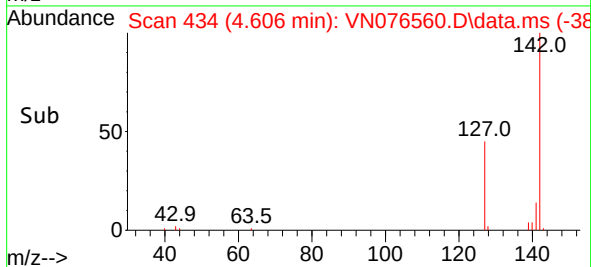
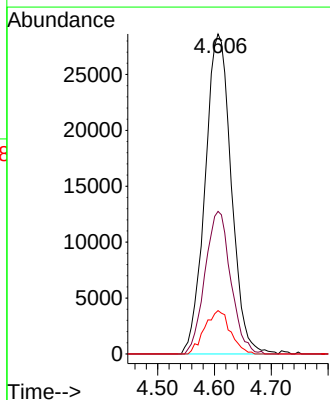
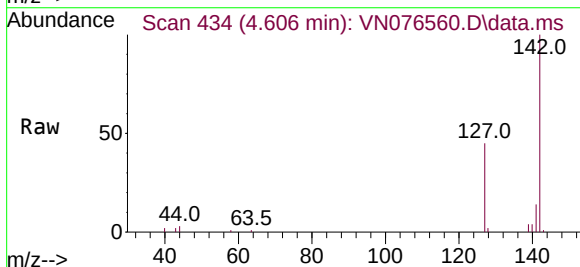
Manual Integrations
APPROVED

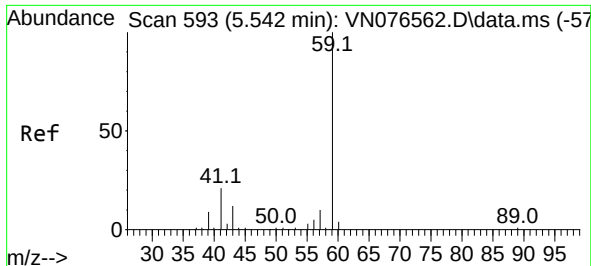
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#10
Methyl Iodide
Concen: 10.561 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

Tgt Ion:142 Resp: 91559
Ion Ratio Lower Upper
142 100
127 43.8 34.8 52.2
141 13.3 11.2 16.8





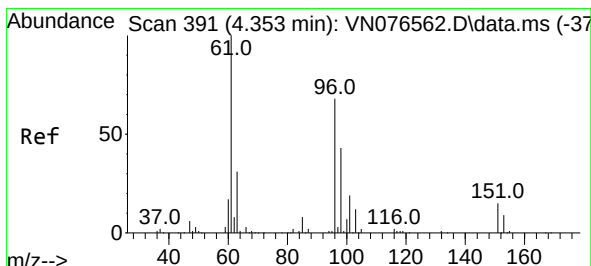
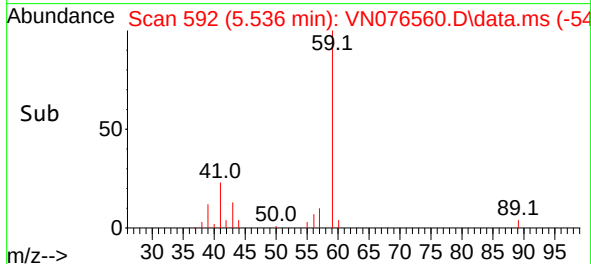
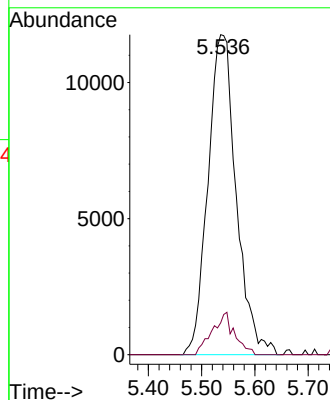
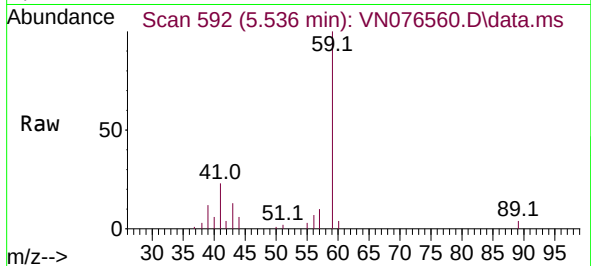
#11
Tert butyl alcohol
Concen: 51.000 ug/l
RT: 5.536 min Scan# 593
Delta R.T. -0.006 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 59 Resp: 43414
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

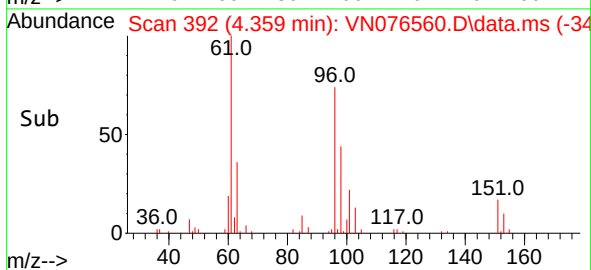
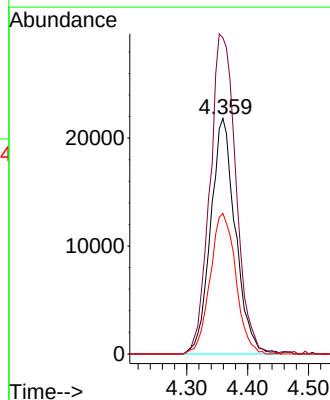
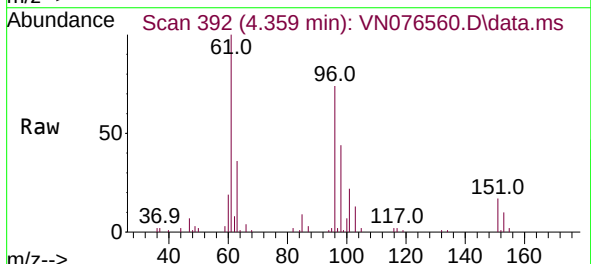
Manual Integrations
APPROVED

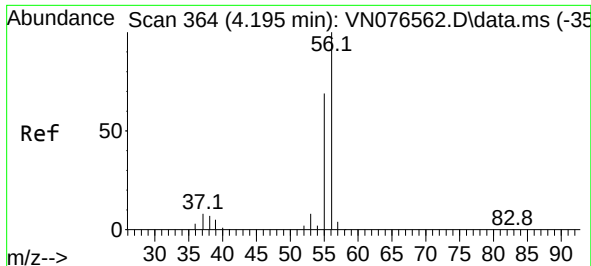
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#12
1,1-Dichloroethene
Concen: 11.142 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.006 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

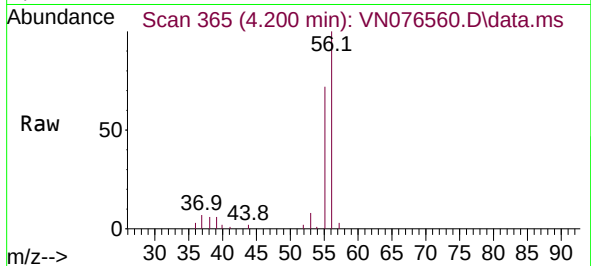
Tgt Ion: 96 Resp: 61696
Ion Ratio Lower Upper
96 100
61 134.2 118.3 177.5
98 59.7 50.7 76.1





#13
Acrolein
Concen: 47.155 ug/l
RT: 4.200 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

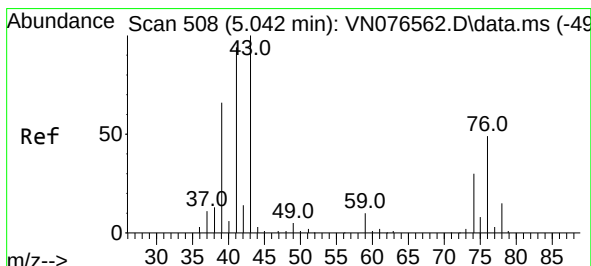
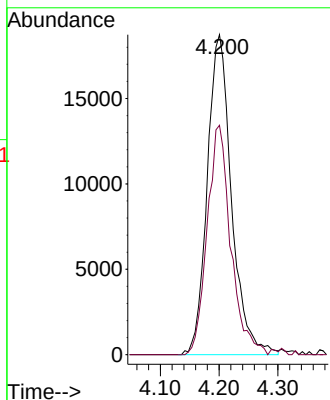
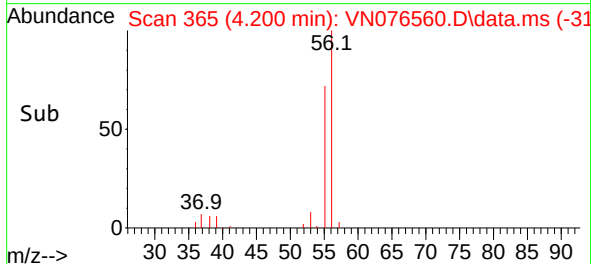
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 56 Resp: 5362
Ion Ratio Lower Upper
56 100
55 69.6 54.7 82.1

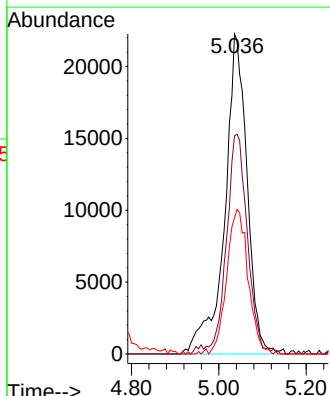
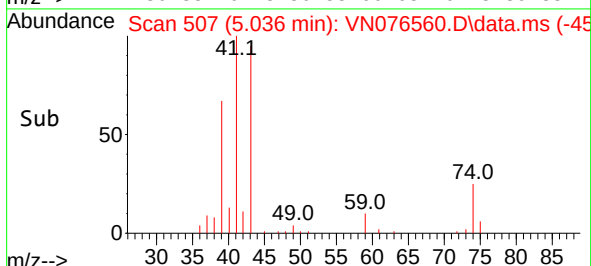
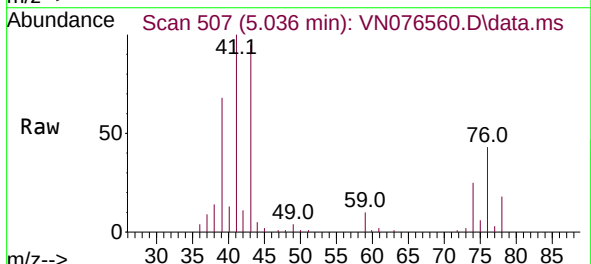
Manual Integrations
APPROVED

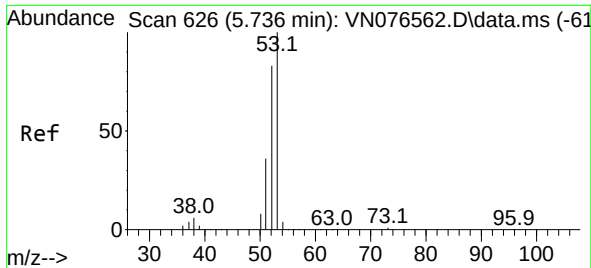
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#14
Allyl chloride
Concen: 10.962 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

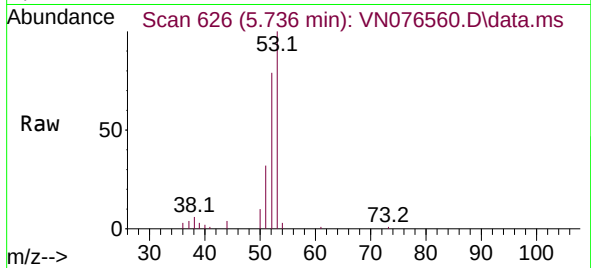
Tgt Ion: 41 Resp: 79052
Ion Ratio Lower Upper
41 100
39 63.6 55.8 83.6
76 43.2 36.8 55.2





#15
Acrylonitrile
Concen: 51.550 ug/l
RT: 5.736 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

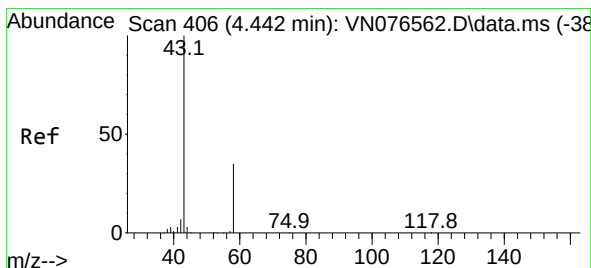
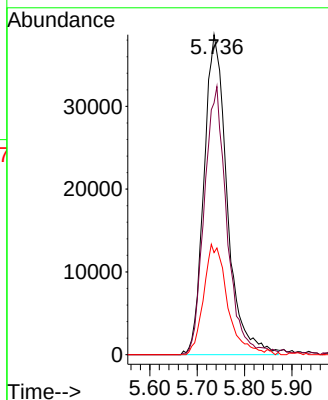
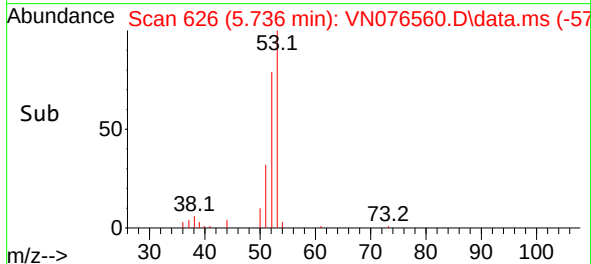
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



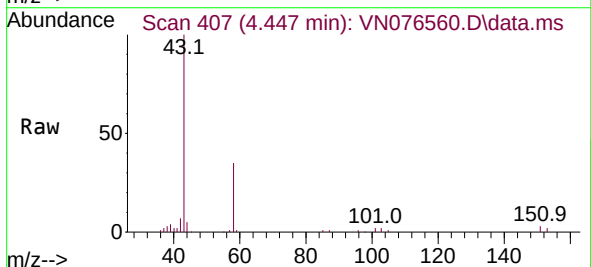
Tgt Ion: 53 Resp: 131689
Ion Ratio Lower Upper
53 100
52 82.0 64.6 96.8
51 35.4 27.9 41.9

Manual Integrations
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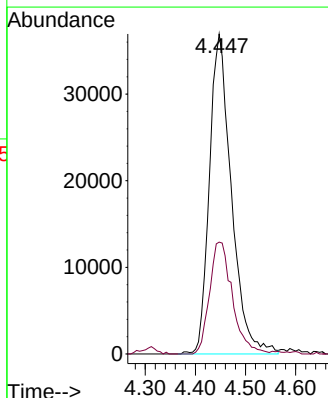
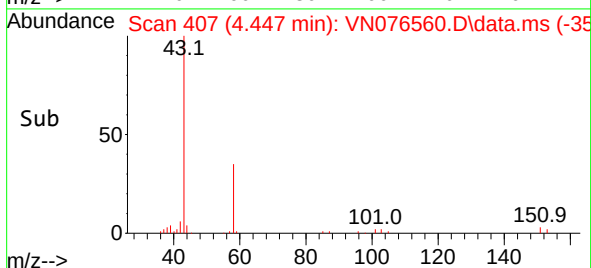
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

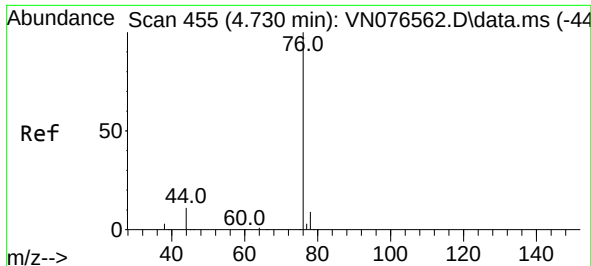


#16
Acetone
Concen: 52.195 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31



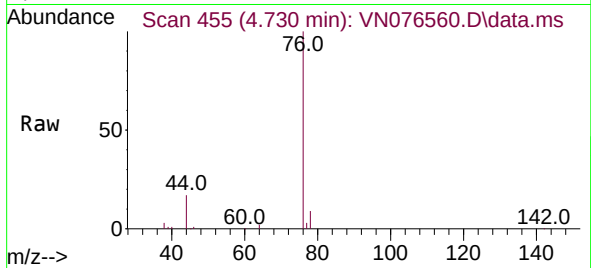
Tgt Ion: 43 Resp: 112464
Ion Ratio Lower Upper
43 100
58 35.0 28.4 42.6





#17
Carbon Disulfide
Concen: 10.465 ug/l
RT: 4.730 min Scan# 455
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

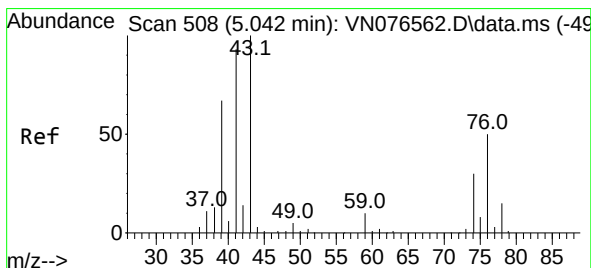
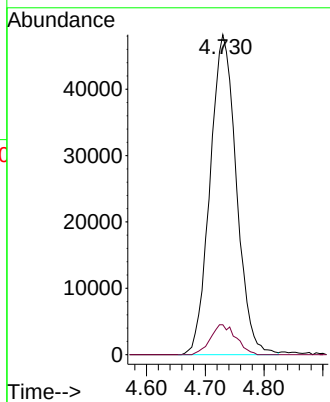
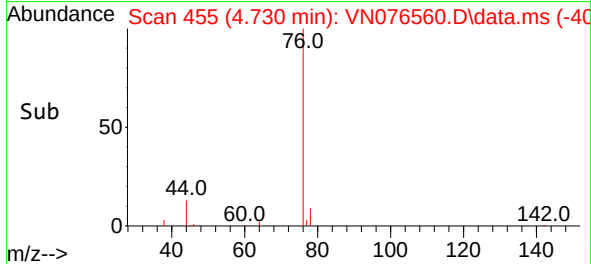
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



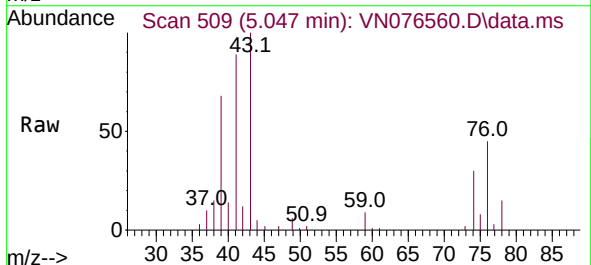
Tgt Ion: 76 Resp: 150118
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4

Manual Integrations
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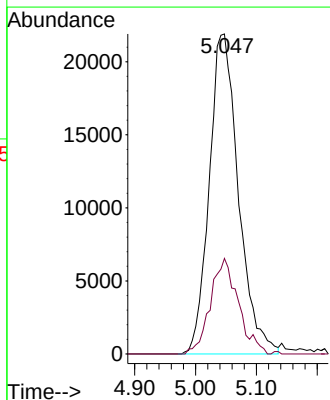
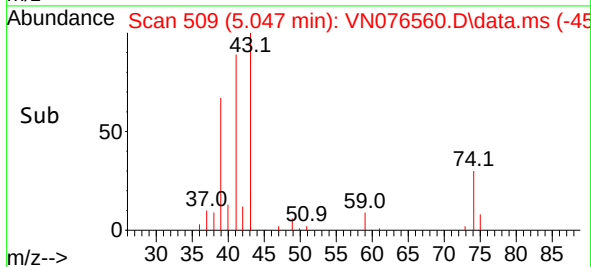
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

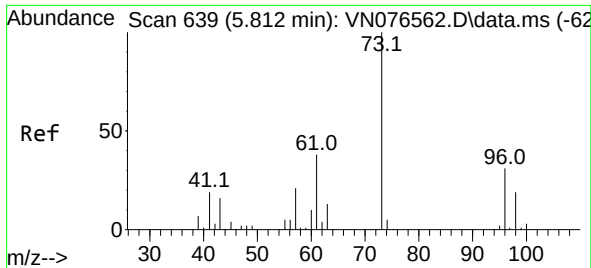


#18
Methyl Acetate
Concen: 10.702 ug/l
RT: 5.047 min Scan# 509
Delta R.T. 0.006 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31



Tgt Ion: 43 Resp: 72962
Ion Ratio Lower Upper
43 100
74 28.5 23.9 35.9





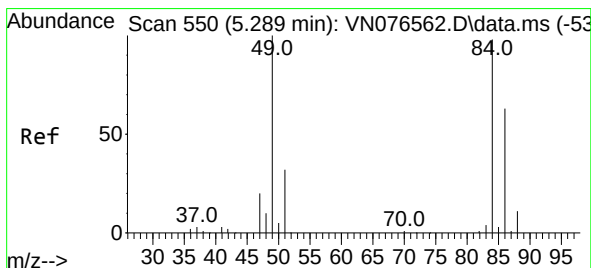
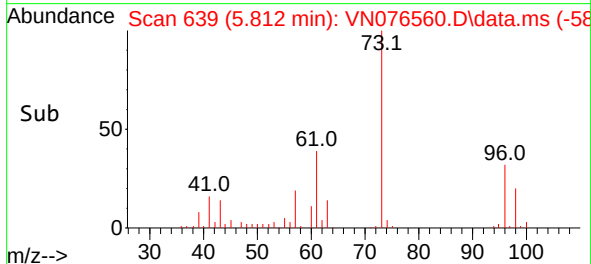
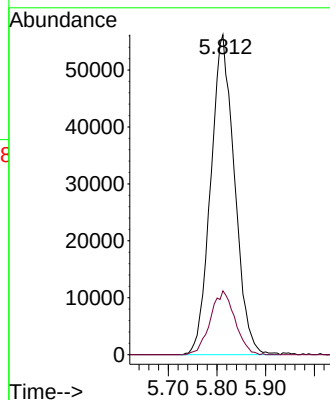
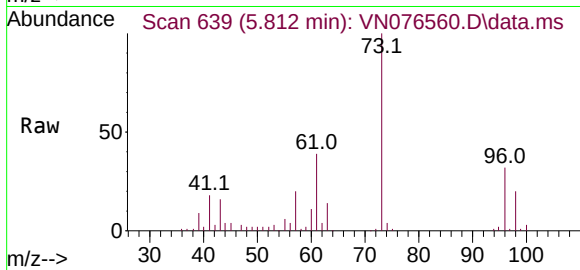
#19
Methyl tert-butyl Ether
Concen: 10.356 ug/l
RT: 5.812 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 190710
Ion Ratio Lower Upper
73 100
57 20.0 17.0 25.6

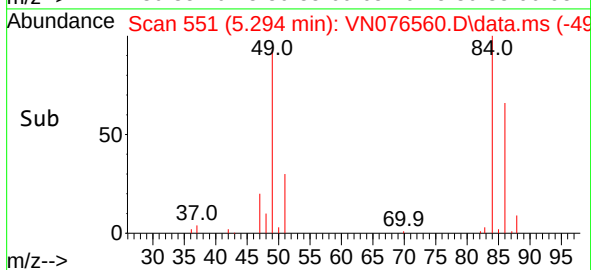
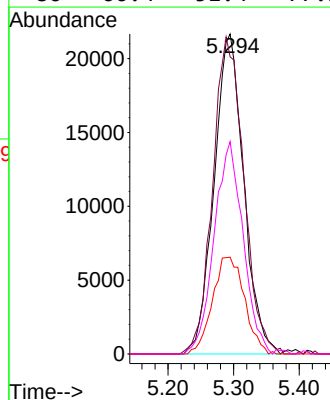
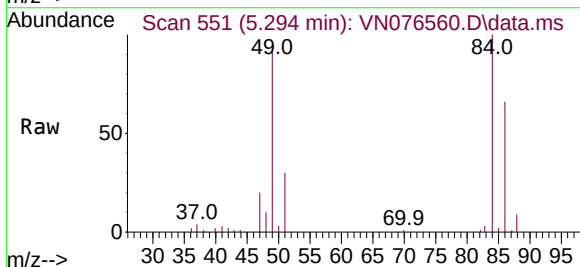
Manual Integrations
APPROVED

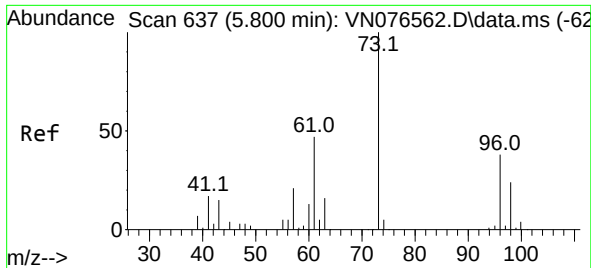
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#20
Methylene Chloride
Concen: 10.244 ug/l
RT: 5.294 min Scan# 551
Delta R.T. 0.006 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

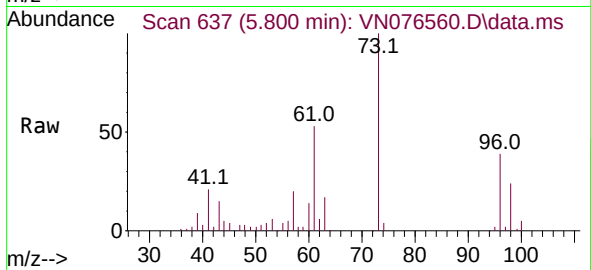
Tgt Ion: 84 Resp: 68046
Ion Ratio Lower Upper
84 100
49 92.8 82.0 123.0
51 30.3 26.0 39.0
86 66.4 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 10.471 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

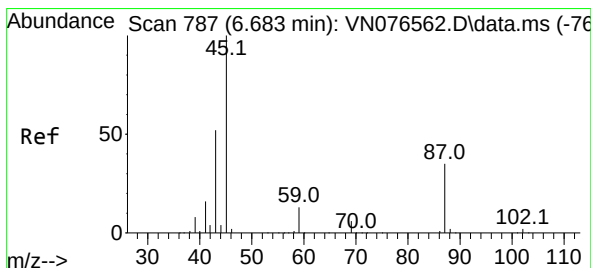
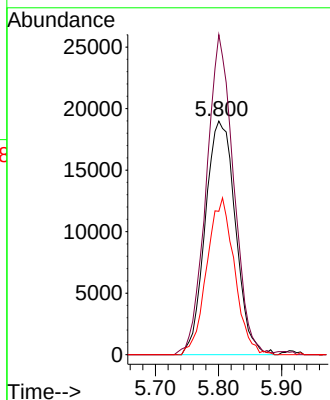
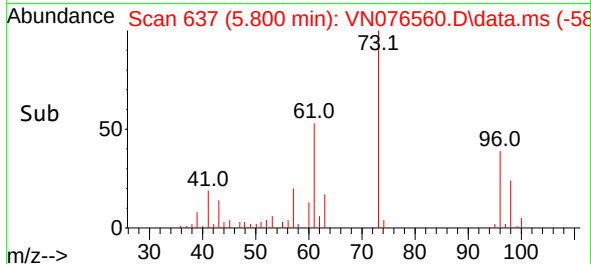
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



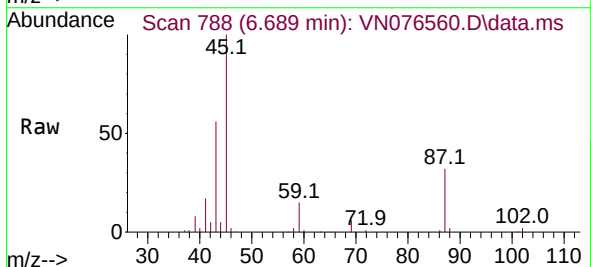
Tgt Ion: 96 Resp: 6302
Ion Ratio Lower Upper
96 100
61 135.7 98.9 148.3
98 61.4 49.4 74.2

Manual Integrations
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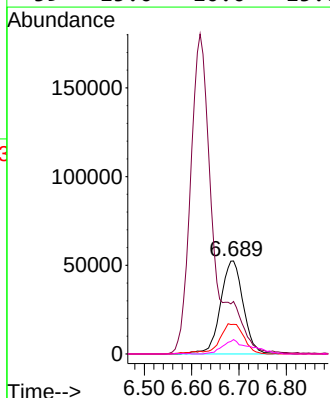
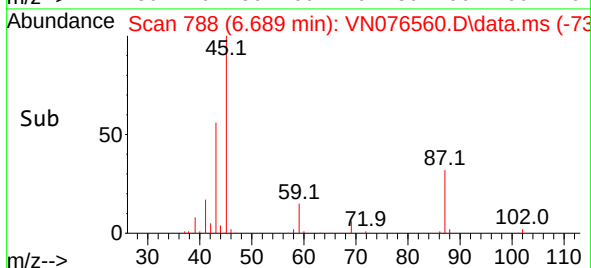
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

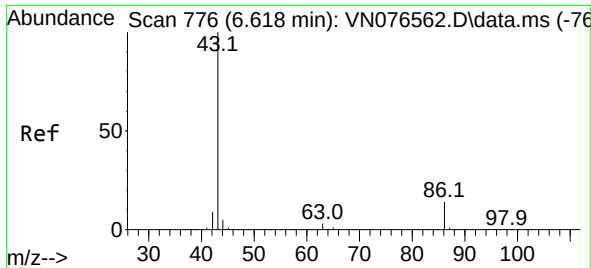


#22
Diisopropyl ether
Concen: 10.679 ug/l
RT: 6.689 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31



Tgt Ion: 45 Resp: 174544
Ion Ratio Lower Upper
45 100
43 54.2 41.4 62.2
87 31.8 28.2 42.4
59 15.0 10.0 15.0#





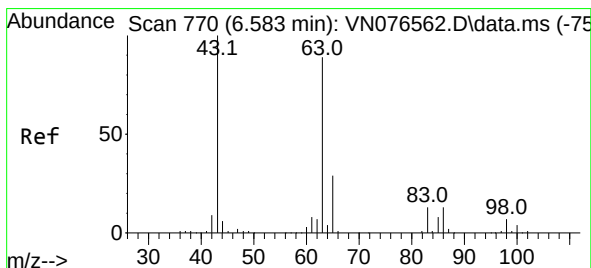
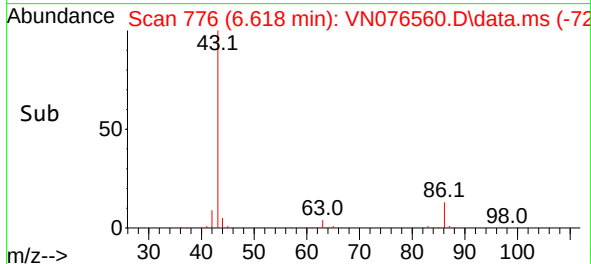
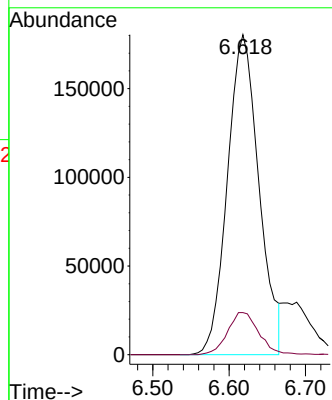
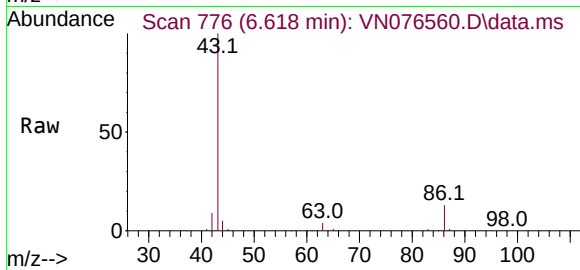
#23
 Vinyl Acetate
 Concen: 50.433 ug/l m
 RT: 6.618 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VN076560.D
 Acq: 07 Feb 2023 12:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion: 43 Resp: 51740
 Ion Ratio Lower Upper
 43 100
 86 13.1 11.3 16.9

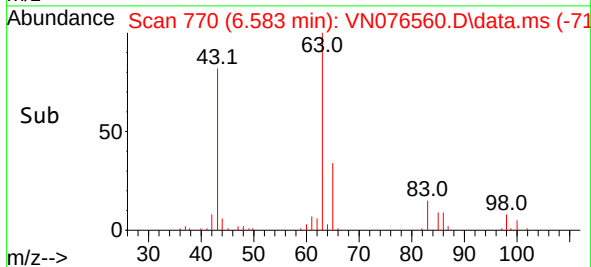
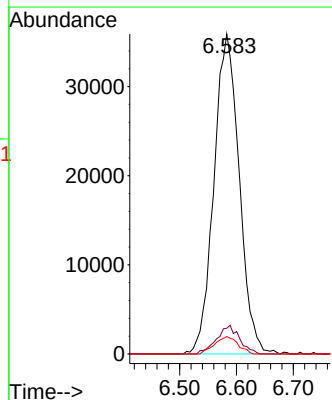
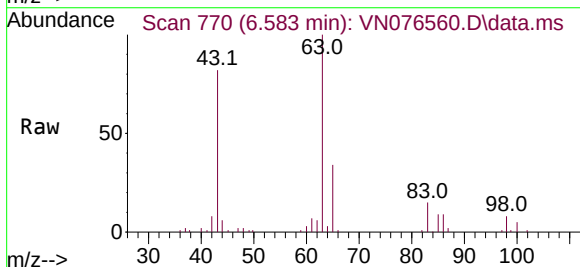
Manual Integrations
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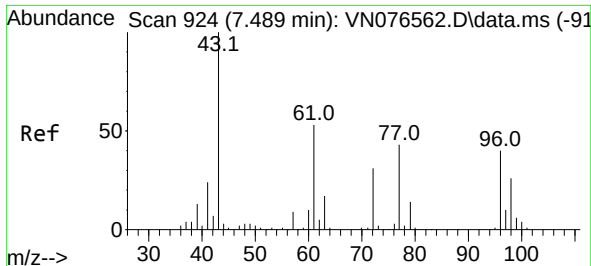
Reviewed By :John Carlone 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023



#24
 1,1-Dichloroethane
 Concen: 10.575 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VN076560.D
 Acq: 07 Feb 2023 12:31

Tgt Ion: 63 Resp: 110993
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.8 11.4
 100 5.5 2.5 7.4





#25

2-Butanone

Concen: 51.007 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076560.D

Acq: 07 Feb 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 157978

Ion Ratio Lower Upper

43 100

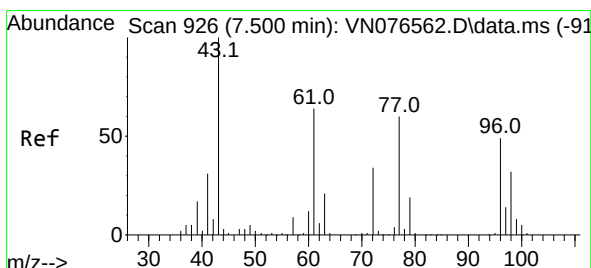
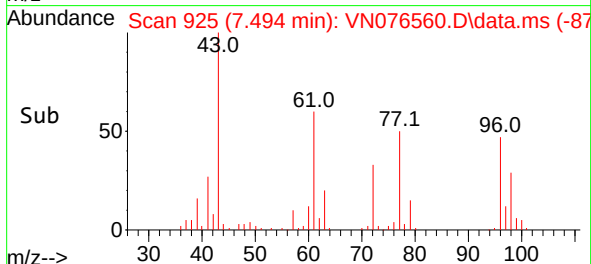
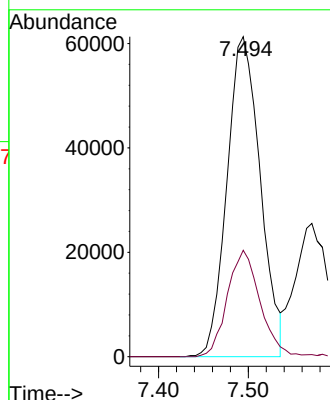
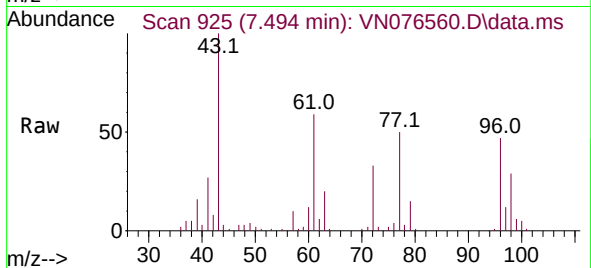
72 33.3 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#26

2,2-Dichloropropane

Concen: 10.479 ug/l

RT: 7.500 min Scan# 926

Delta R.T. -0.000 min

Lab File: VN076560.D

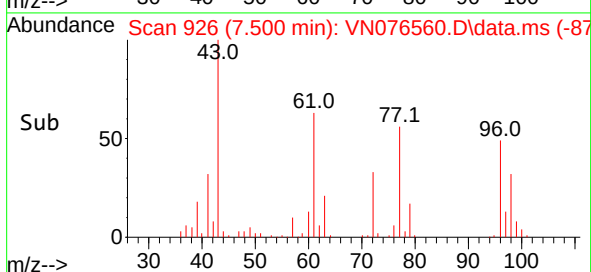
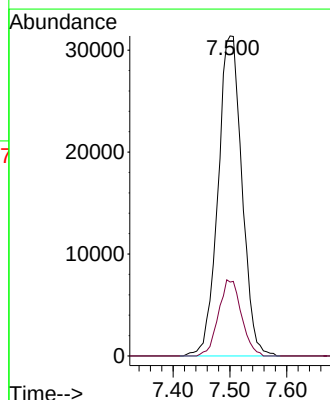
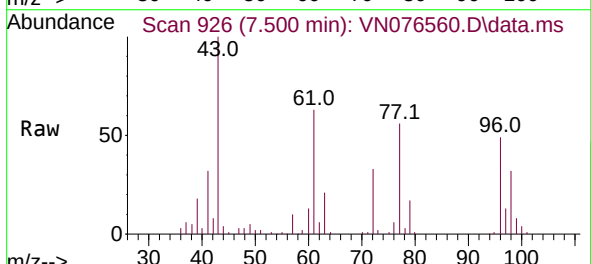
Acq: 07 Feb 2023 12:31

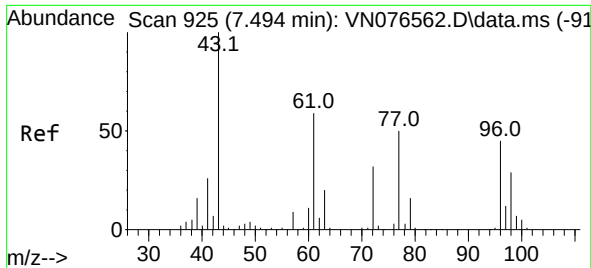
Tgt Ion: 77 Resp: 91807

Ion Ratio Lower Upper

77 100

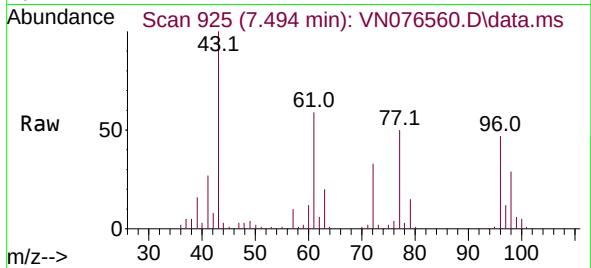
97 22.8 11.7 35.0





#27
cis-1,2-Dichloroethene
Concen: 10.624 ug/l
RT: 7.494 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

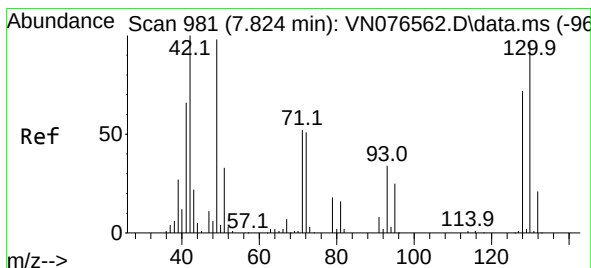
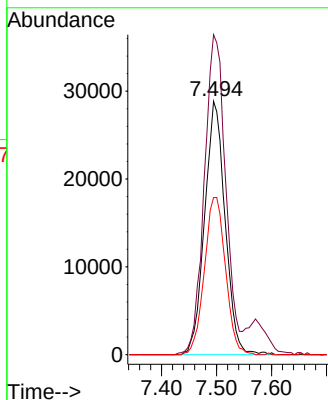
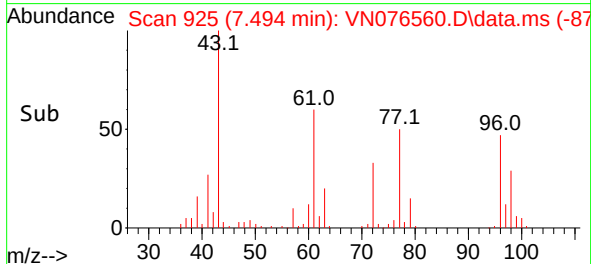
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 96 Resp: 74775
Ion Ratio Lower Upper
96 100
61 131.7 0.0 262.2
98 63.9 0.0 128.6

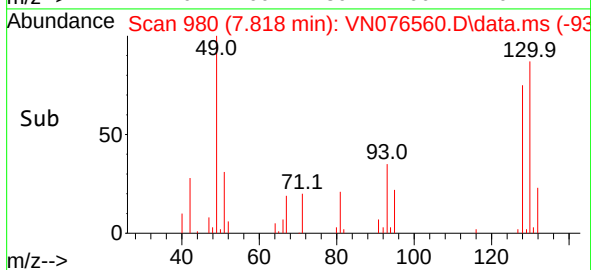
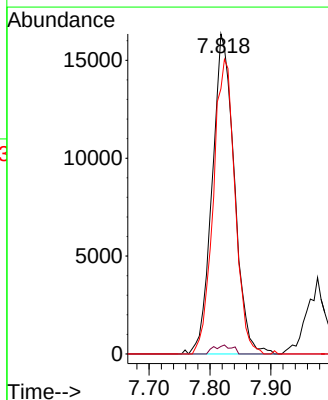
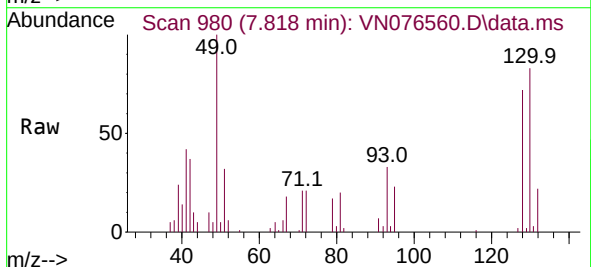
Manual Integrations
APPROVED

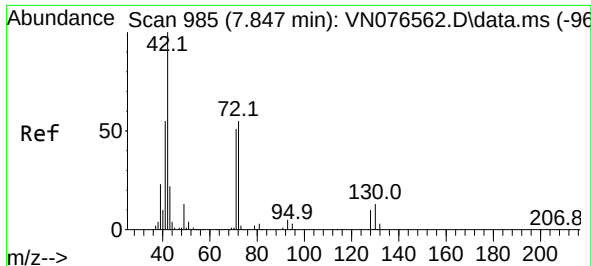
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#28
Bromochloromethane
Concen: 9.818 ug/l
RT: 7.818 min Scan# 980
Delta R.T. -0.006 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

Tgt Ion: 49 Resp: 41290
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.6
130 90.1 74.3 111.5





#29

Tetrahydrofuran

Concen: 52.460 ug/l

RT: 7.847 min Scan# 985

Delta R.T. -0.000 min

Lab File: VN076560.D

Acq: 07 Feb 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 42 Resp: 10442

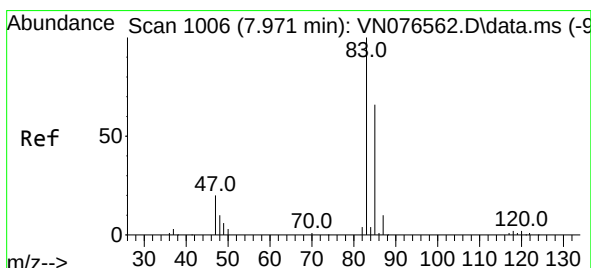
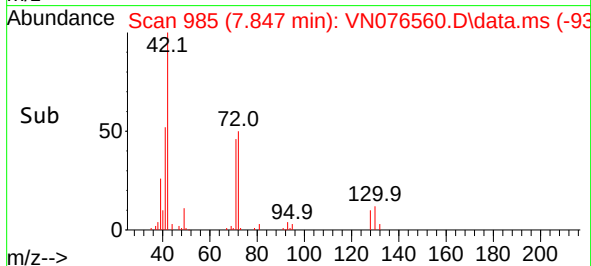
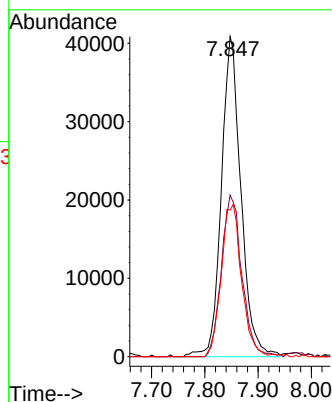
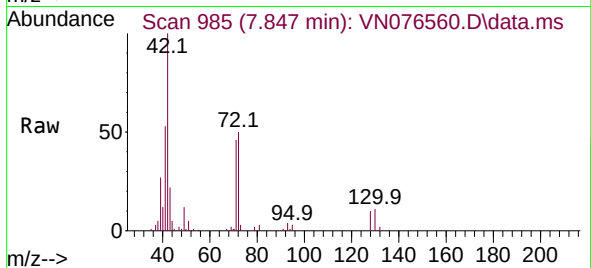
Ion	Ratio	Lower	Upper
42	100		
72	52.7	42.9	64.3
71	49.3	39.9	59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#30

Chloroform

Concen: 10.636 ug/l

RT: 7.971 min Scan# 1006

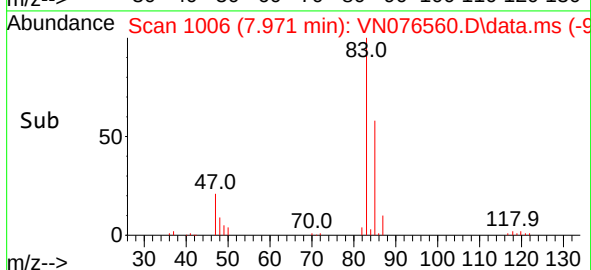
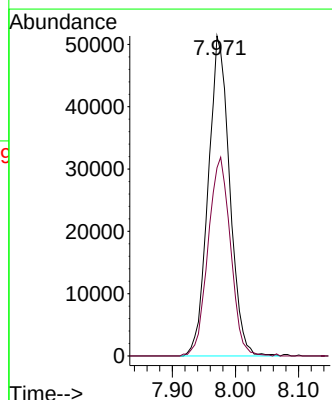
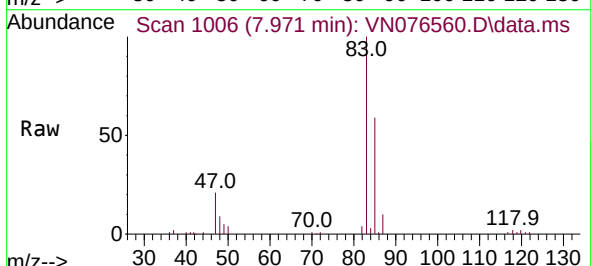
Delta R.T. -0.000 min

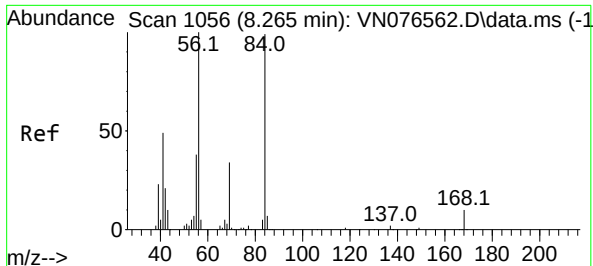
Lab File: VN076560.D

Acq: 07 Feb 2023 12:31

Tgt Ion: 83 Resp: 121097

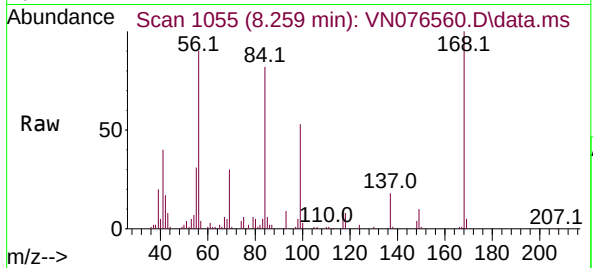
Ion	Ratio	Lower	Upper
83	100		
85	58.8	52.5	78.7





#31
Cyclohexane
Concen: 10.559 ug/l
RT: 8.259 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

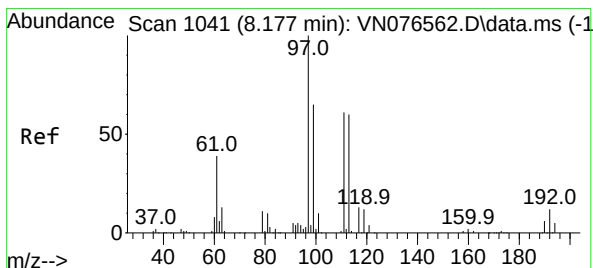
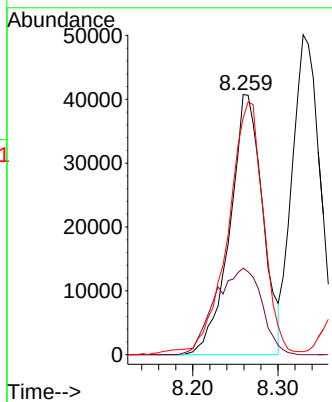
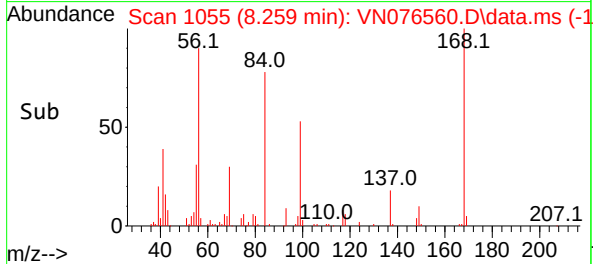
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 56 Resp: 10907
Ion Ratio Lower Upper
56 100
69 33.3 27.0 40.4
84 89.1 79.5 119.3

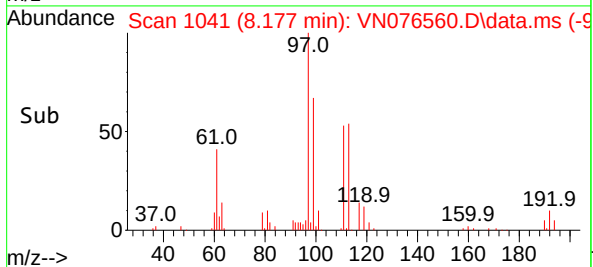
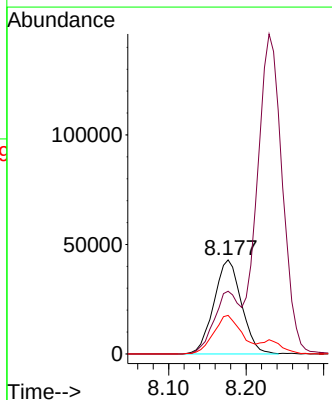
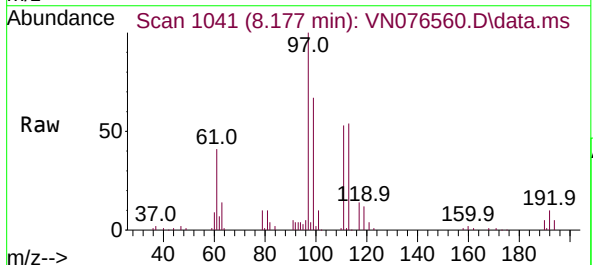
Manual Integrations
APPROVED

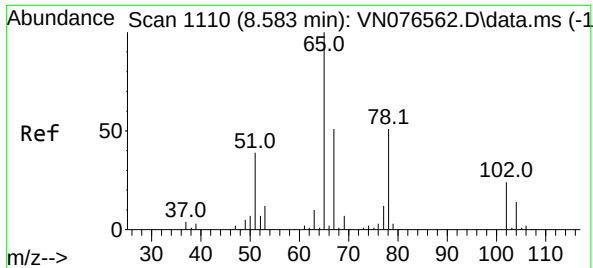
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#32
1,1,1-Trichloroethane
Concen: 10.423 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

Tgt Ion: 97 Resp: 106337
Ion Ratio Lower Upper
97 100
99 62.0 53.5 80.3
61 41.9 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 9.777 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN076560.D

Acq: 07 Feb 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 63890

Ion Ratio Lower Upper

65 100

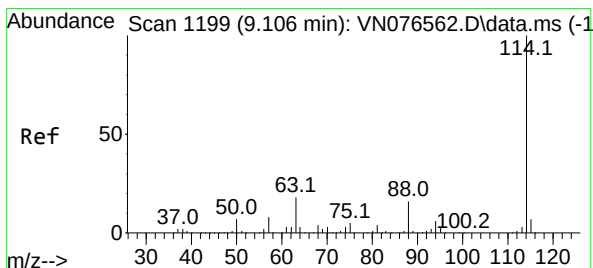
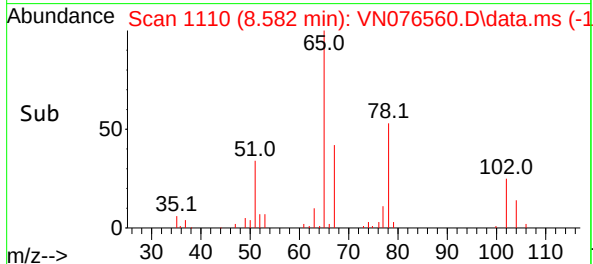
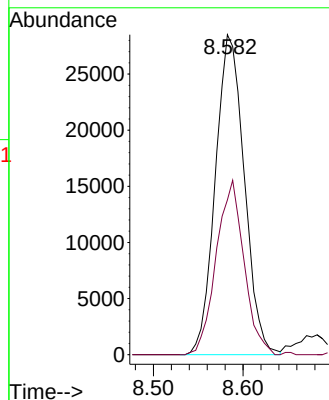
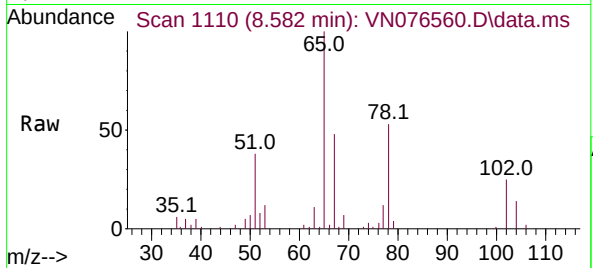
67 52.3 0.0 105.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076560.D

Acq: 07 Feb 2023 12:31

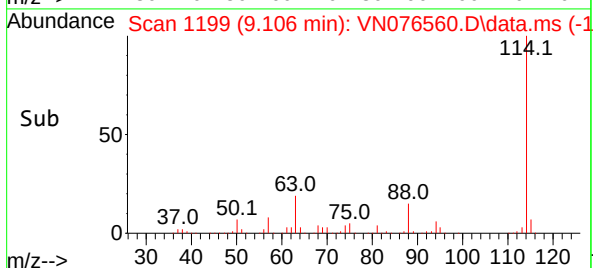
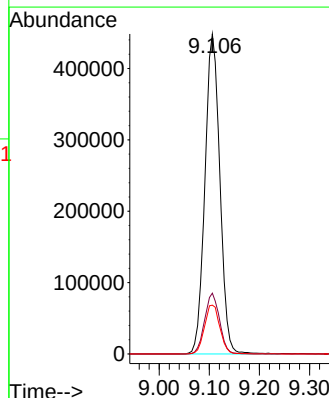
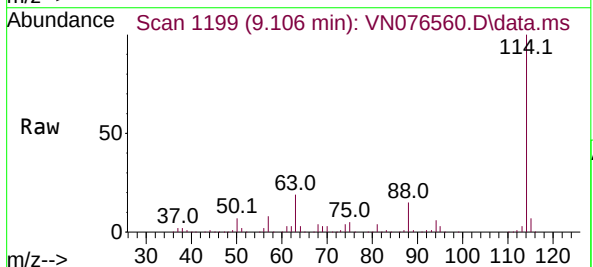
Tgt Ion:114 Resp: 929701

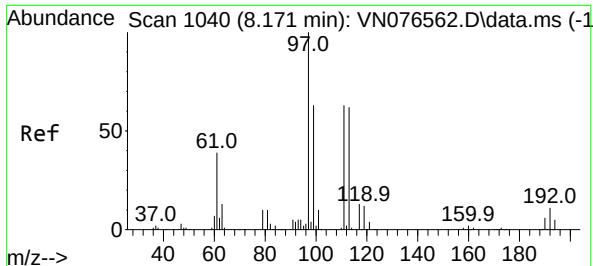
Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.6

88 15.2 0.0 32.0





#35

Dibromofluoromethane

Concen: 9.808 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN076560.D

Acq: 07 Feb 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 113 Resp: 5668

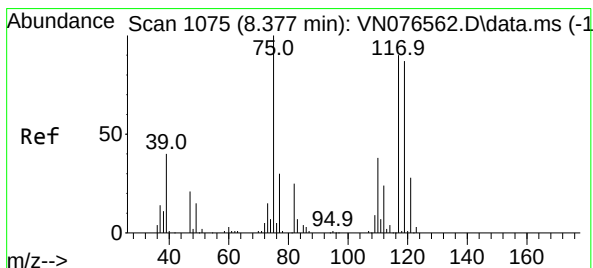
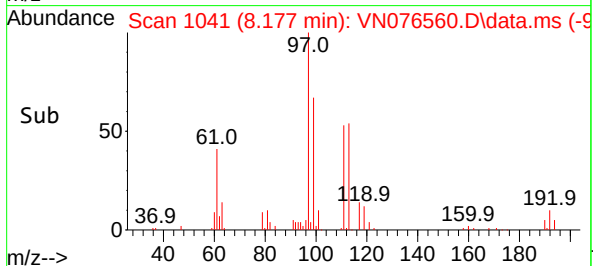
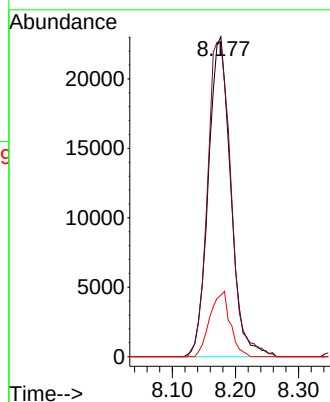
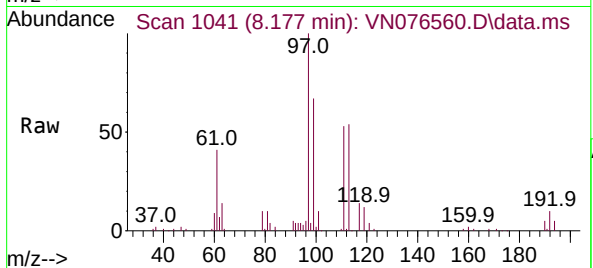
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.0	123.0
192	18.5	14.8	22.2

Manual Integrations

APPROVED

Reviewed By : John Carlone 02/08/2023

Supervised By : Mahesh Dadoda 02/08/2023



#36

1,1-Dichloropropene

Concen: 10.273 ug/l

RT: 8.383 min Scan# 1076

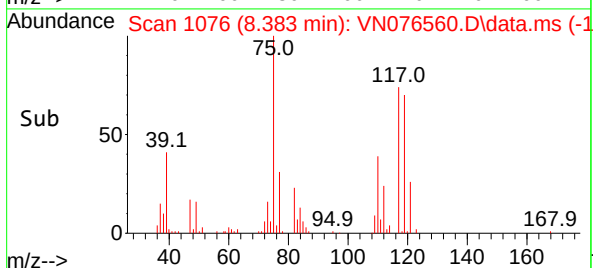
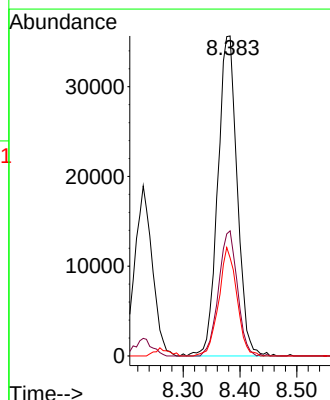
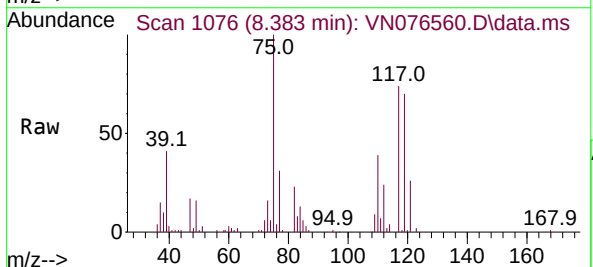
Delta R.T. 0.006 min

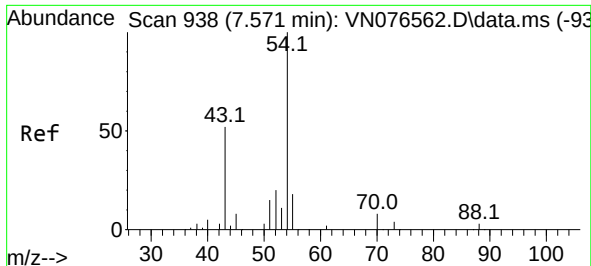
Lab File: VN076560.D

Acq: 07 Feb 2023 12:31

Tgt Ion: 75 Resp: 84772

Ion	Ratio	Lower	Upper
75	100		
110	38.0	18.6	55.6
77	31.6	25.1	37.7





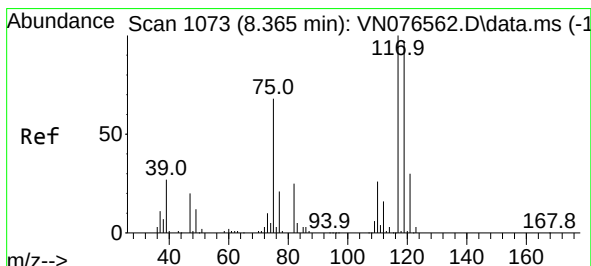
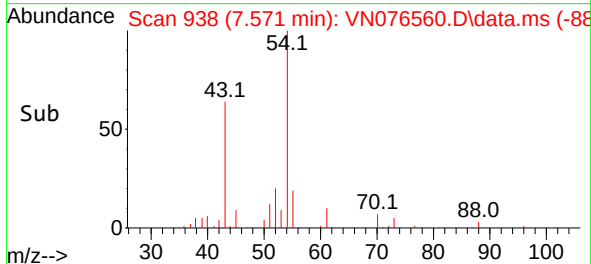
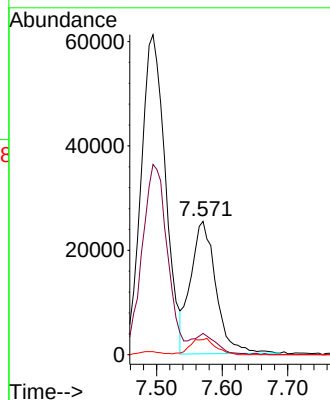
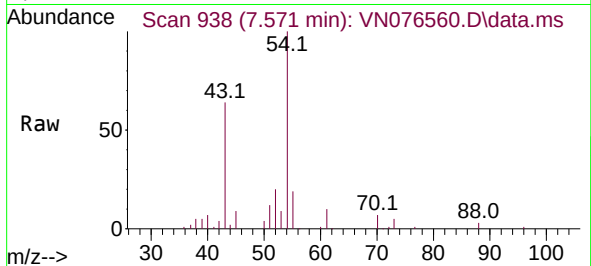
#37
Ethyl Acetate
Concen: 10.833 ug/l
RT: 7.571 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 6804
Ion Ratio Lower Upper
43 100
61 14.7 11.8 17.6
70 12.1 10.4 15.6

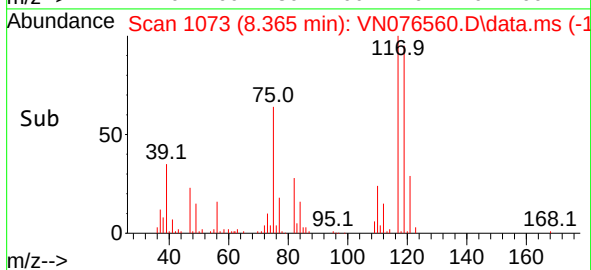
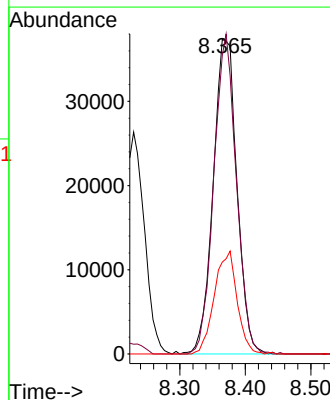
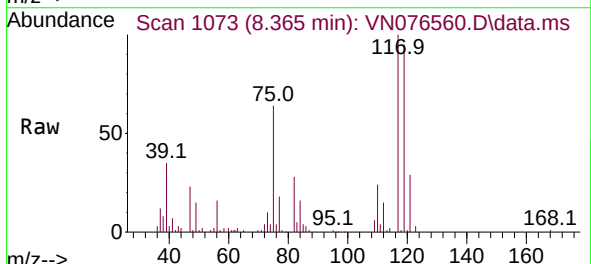
Manual Integrations
APPROVED

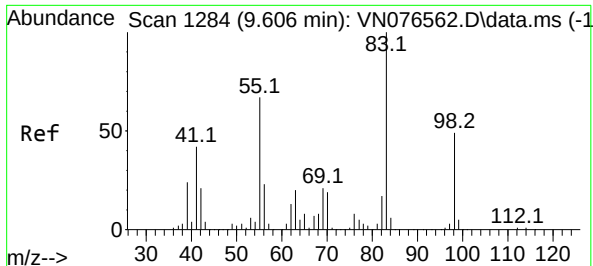
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#38
Carbon Tetrachloride
Concen: 10.615 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

Tgt Ion:117 Resp: 94179
Ion Ratio Lower Upper
117 100
119 94.9 77.2 115.8
121 29.2 23.9 35.9





#39

Methylcyclohexane

Concen: 10.367 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. -0.000 min

Lab File: VN076560.D

Acq: 07 Feb 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 83 Resp: 10623

Ion Ratio Lower Upper

83 100

55 73.2 53.8 80.6

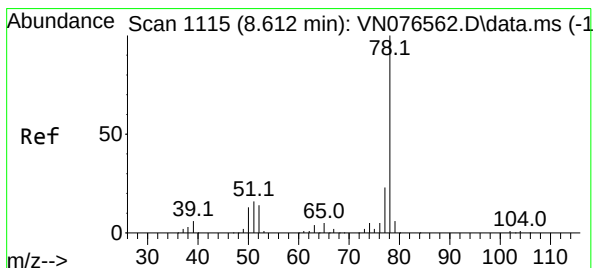
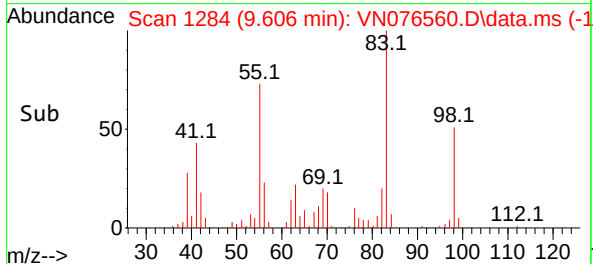
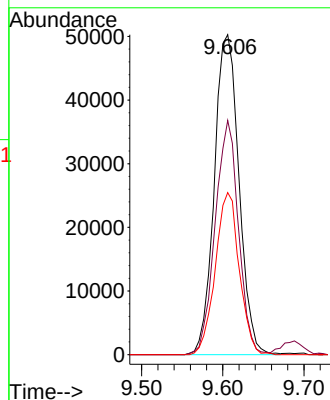
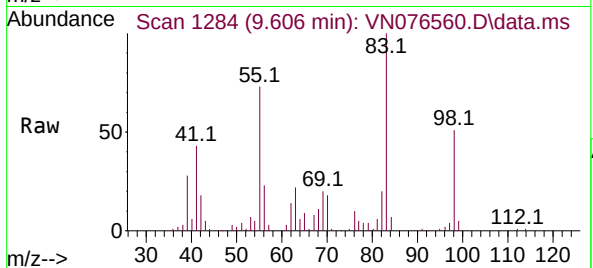
98 50.6 39.0 58.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#40

Benzene

Concen: 10.718 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076560.D

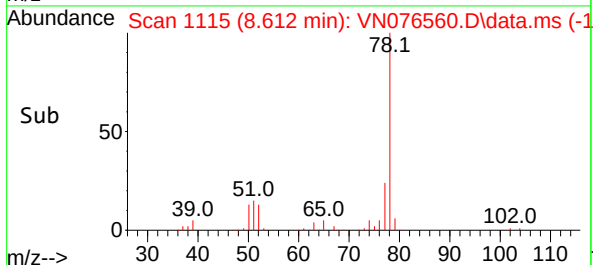
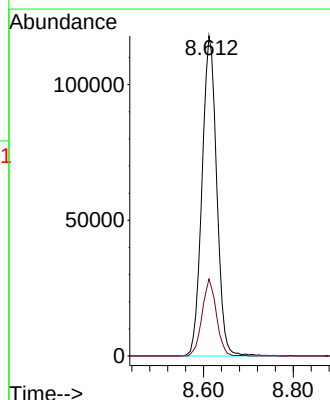
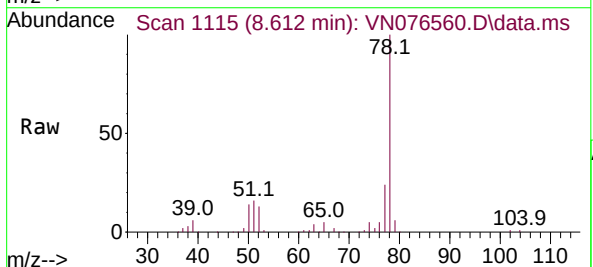
Acq: 07 Feb 2023 12:31

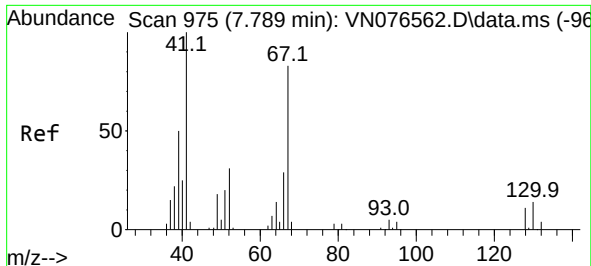
Tgt Ion: 78 Resp: 268087

Ion Ratio Lower Upper

78 100

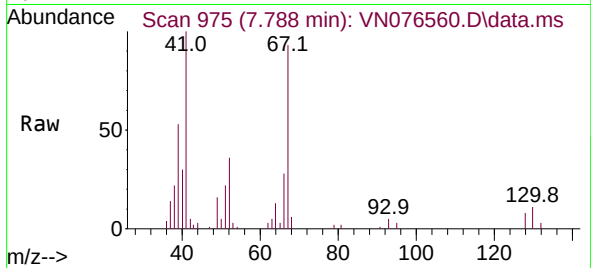
77 24.1 18.6 27.8





#41
Methacrylonitrile
Concen: 10.671 ug/l
RT: 7.788 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

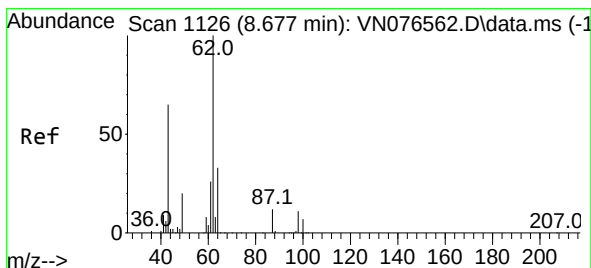
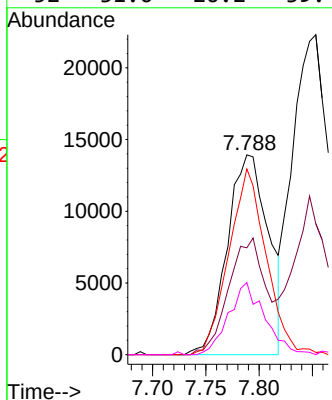
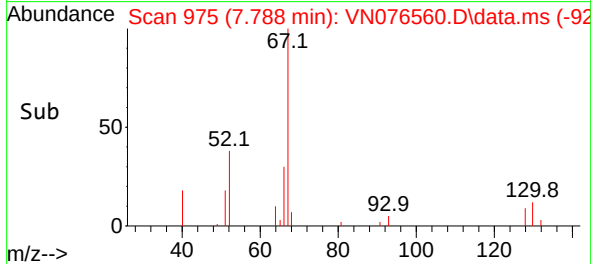
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



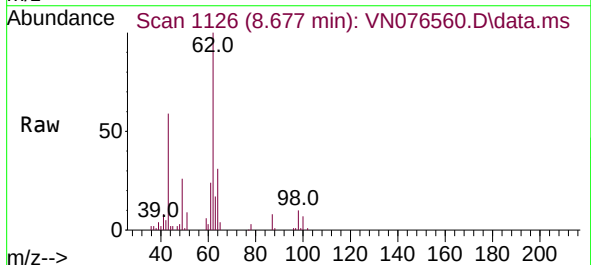
Tgt Ion: 41 Resp: 37352
Ion Ratio Lower Upper
41 100
39 51.3 41.3 61.9
67 84.7 69.6 104.4
52 31.6 26.2 39.4

Manual Integrations
APPROVED

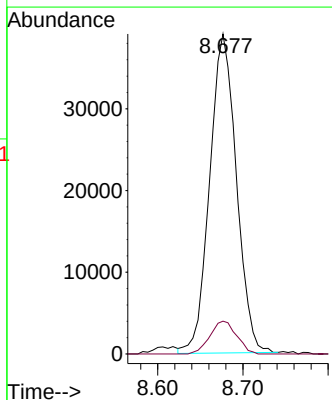
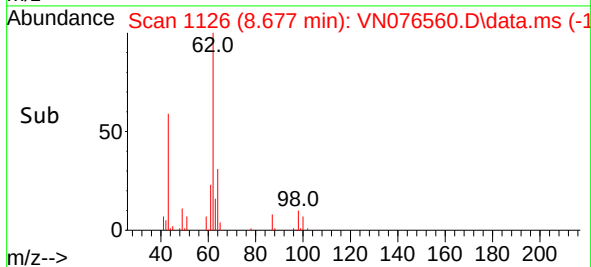
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

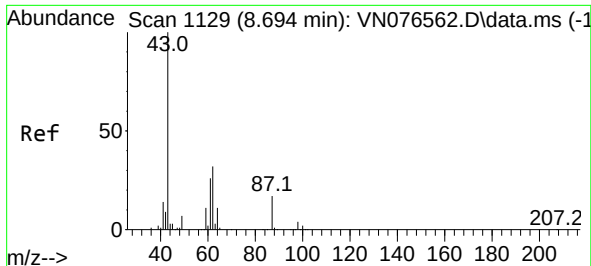


#42
1,2-Dichloroethane
Concen: 10.460 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31



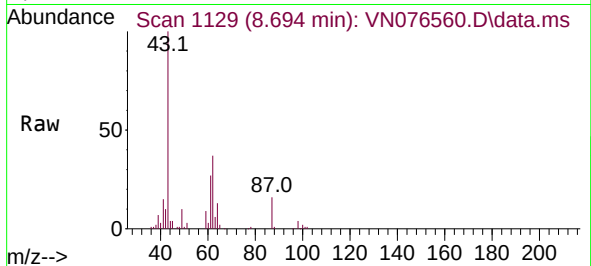
Tgt Ion: 62 Resp: 85187
Ion Ratio Lower Upper
62 100
98 10.3 0.0 21.6





#43
Isopropyl Acetate
Concen: 10.575 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

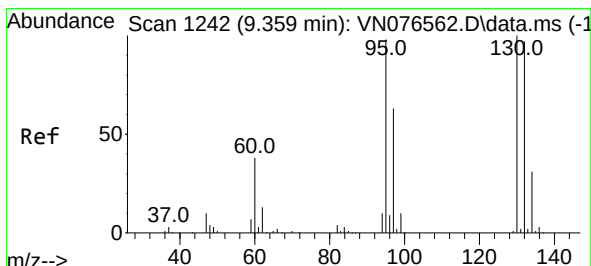
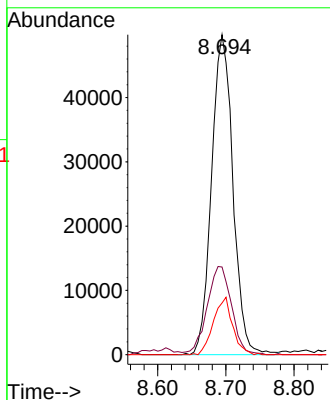
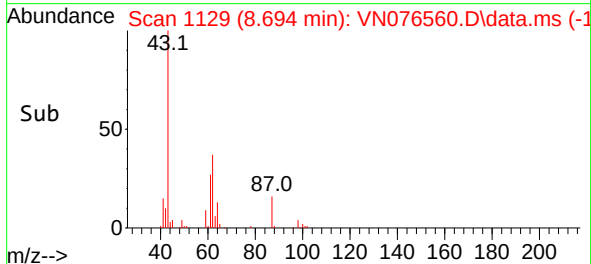
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 108789
Ion Ratio Lower Upper
43 100
61 31.5 24.5 36.7
87 16.1 13.6 20.4

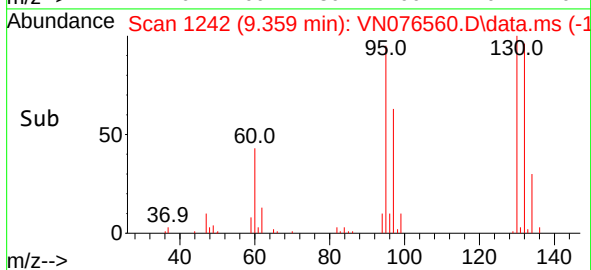
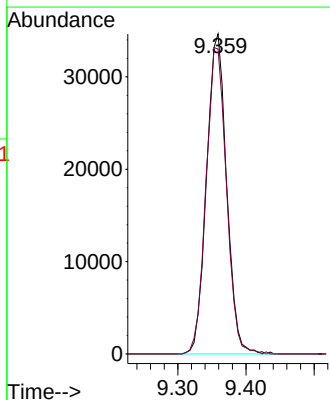
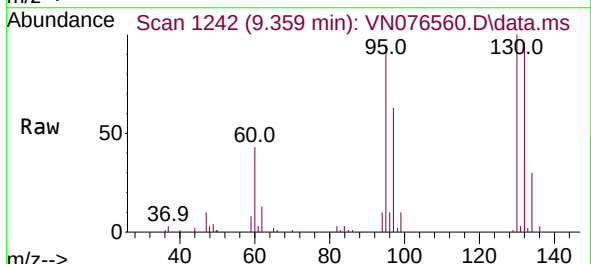
Manual Integrations
APPROVED

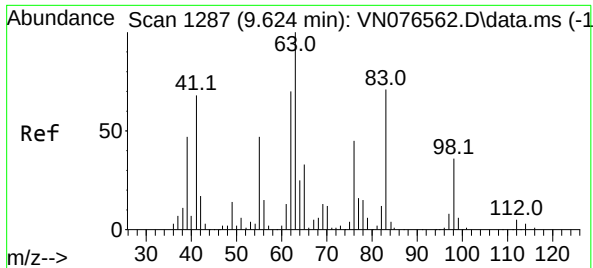
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#44
Trichloroethene
Concen: 10.605 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

Tgt Ion:130 Resp: 70836
Ion Ratio Lower Upper
130 100
95 95.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 10.526 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076560.D

Acq: 07 Feb 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 63238

Ion Ratio Lower Upper

63 100

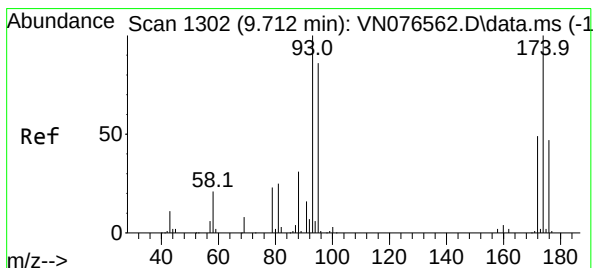
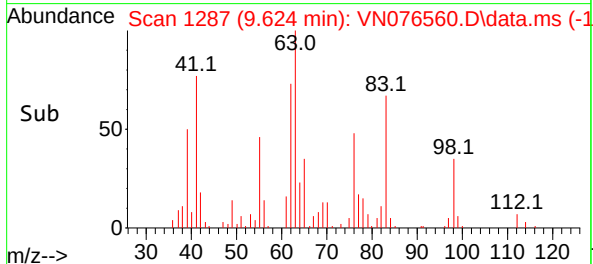
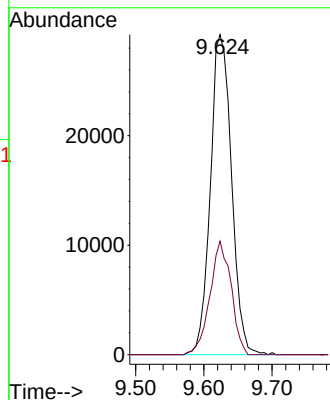
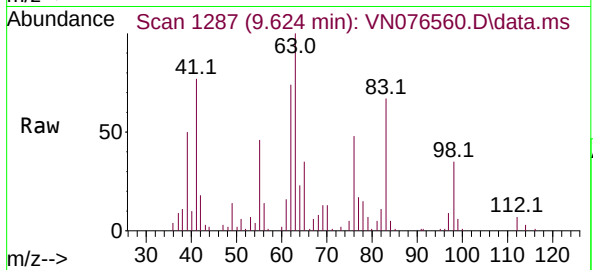
65 35.4 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#46

Dibromomethane

Concen: 10.388 ug/l

RT: 9.718 min Scan# 1303

Delta R.T. 0.006 min

Lab File: VN076560.D

Acq: 07 Feb 2023 12:31

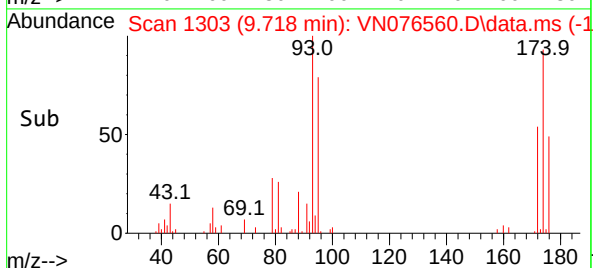
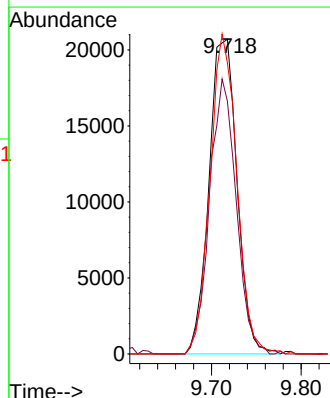
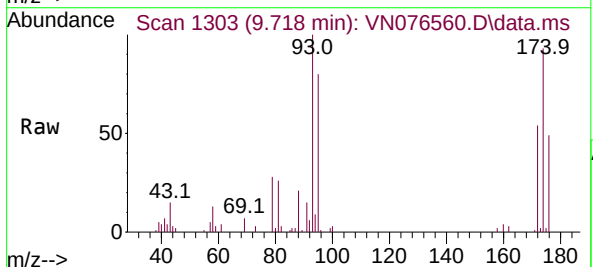
Tgt Ion: 93 Resp: 45016

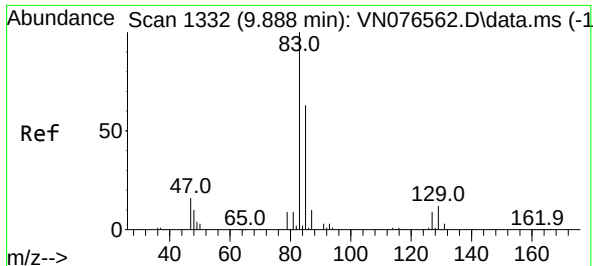
Ion Ratio Lower Upper

93 100

95 82.9 68.0 102.0

174 97.0 80.9 121.3





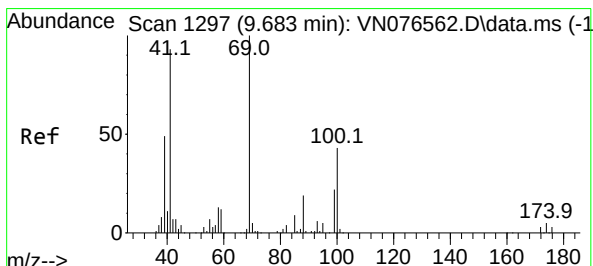
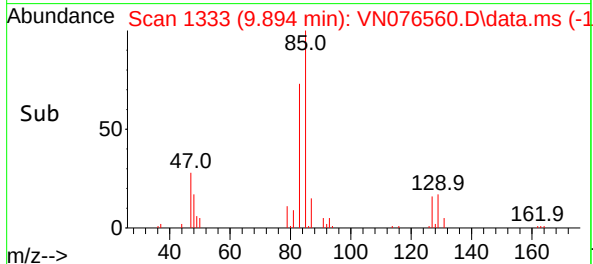
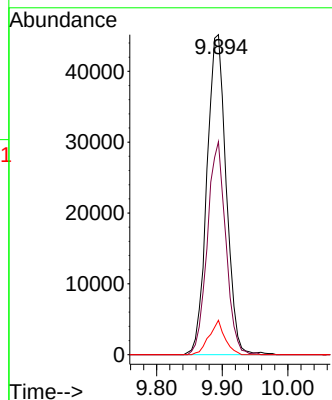
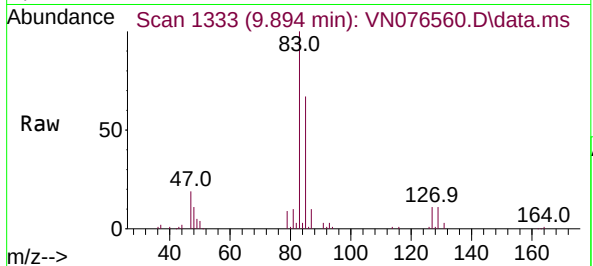
#47
Bromodichloromethane
Concen: 10.584 ug/l
RT: 9.894 min Scan# 1332
Delta R.T. 0.006 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 92239
Ion Ratio Lower Upper
83 100
85 66.5 50.7 76.1
127 10.8 7.0 10.6

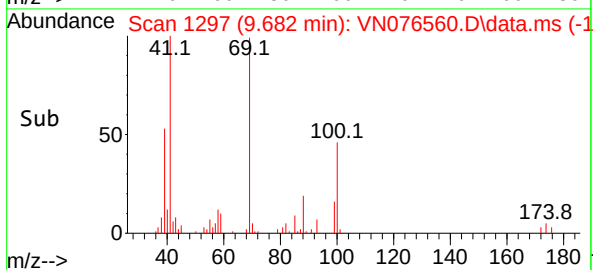
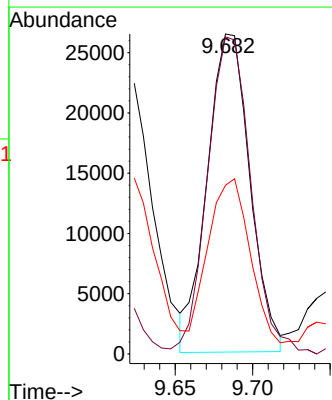
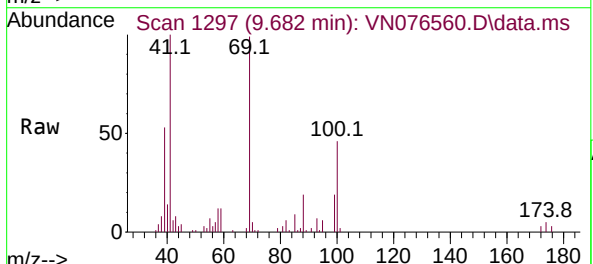
Manual Integrations
APPROVED

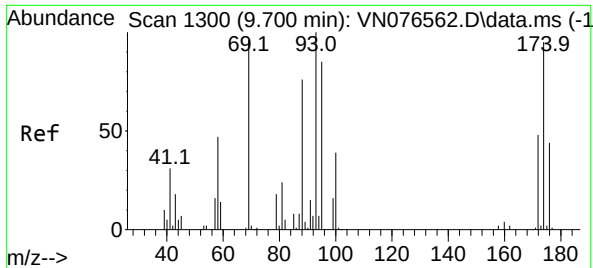
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#48
Methyl methacrylate
Concen: 10.002 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

Tgt Ion: 41 Resp: 50602
Ion Ratio Lower Upper
41 100
69 101.3 83.0 124.4
39 56.0 43.8 65.8





#49

1,4-Dioxane

Concen: 198.433 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN076560.D

Acq: 07 Feb 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 88 Resp: 21475

Ion Ratio Lower Upper

88 100

43 22.7 16.7 25.1

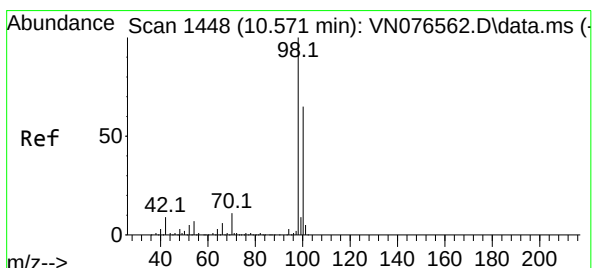
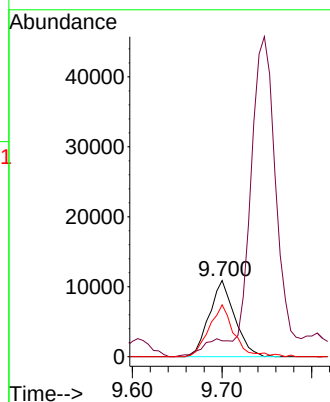
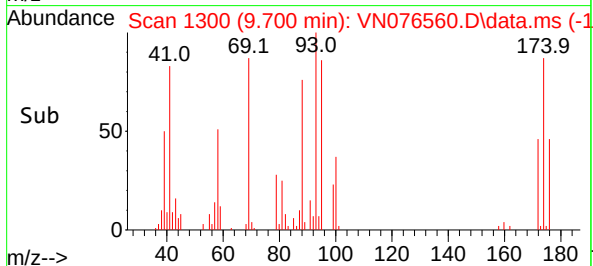
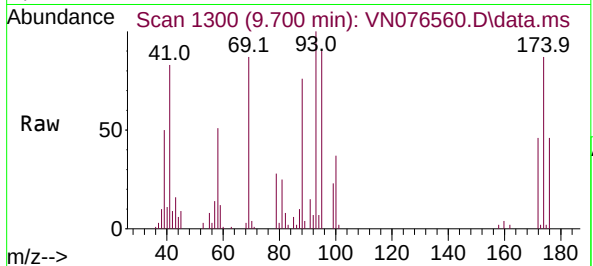
58 66.9 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#50

Toluene-d8

Concen: 9.556 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076560.D

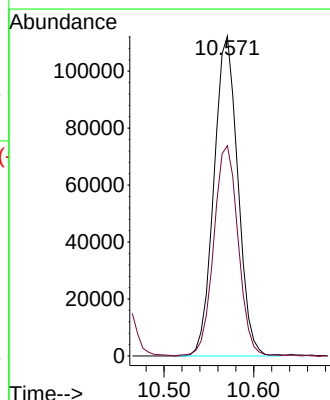
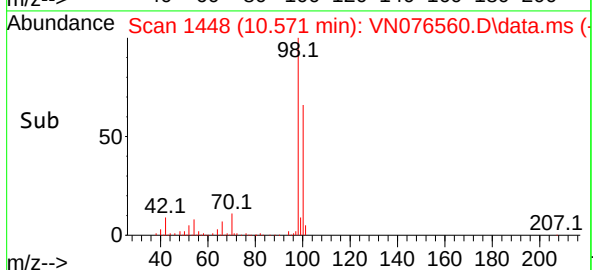
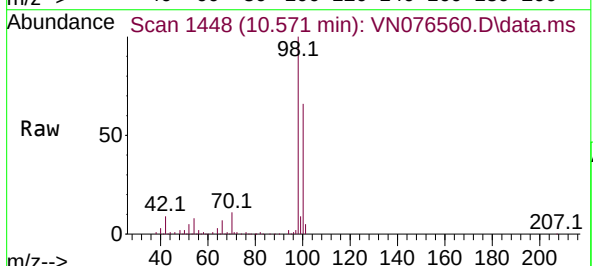
Acq: 07 Feb 2023 12:31

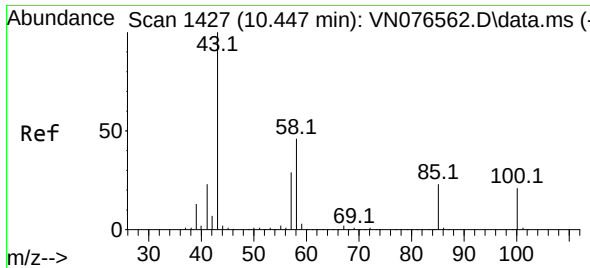
Tgt Ion: 98 Resp: 207771

Ion Ratio Lower Upper

98 100

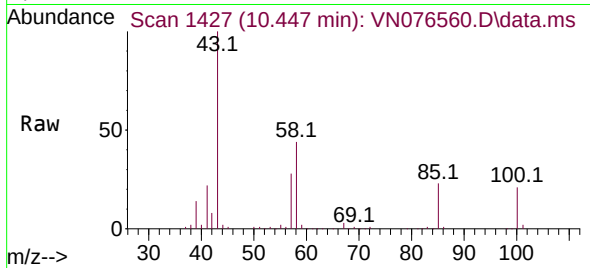
100 67.0 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 52.897 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

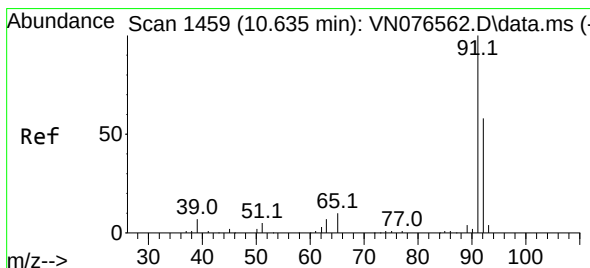
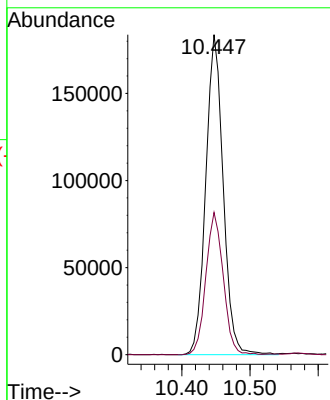
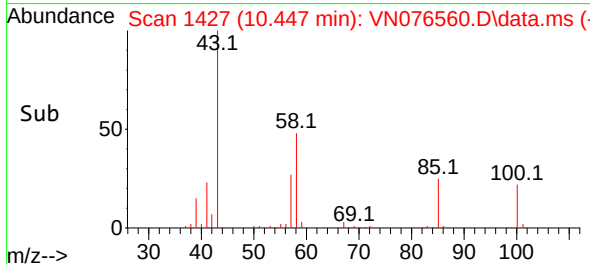
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



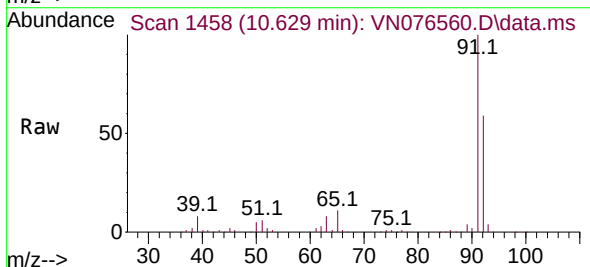
Tgt Ion: 43 Resp: 327036
Ion Ratio Lower Upper
43 100
58 44.3 36.4 54.6

Manual Integrations
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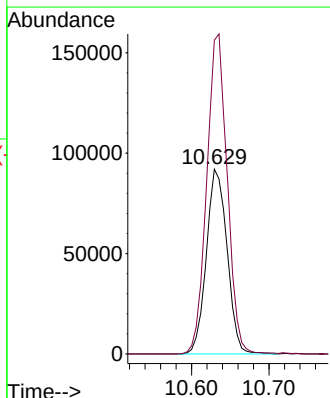
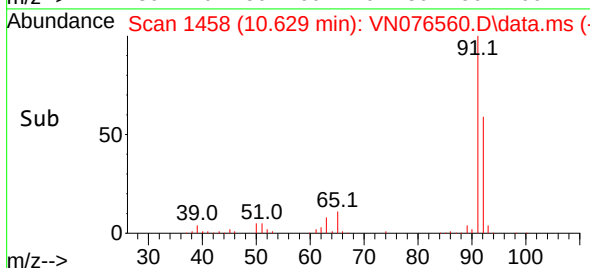
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

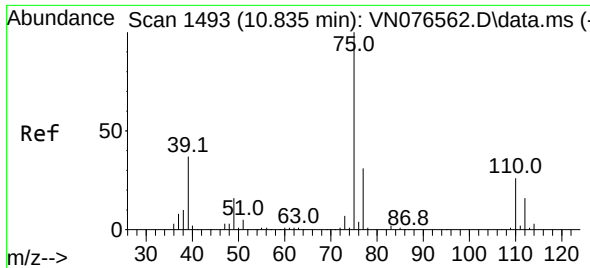


#52
Toluene
Concen: 10.595 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31



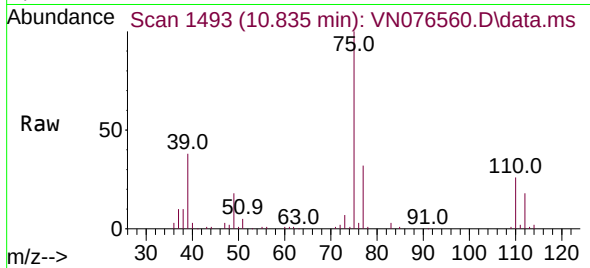
Tgt Ion: 92 Resp: 171033
Ion Ratio Lower Upper
92 100
91 171.2 136.3 204.5





#53
 t-1,3-Dichloropropene
 Concen: 10.171 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. -0.000 min
 Lab File: VN076560.D
 Acq: 07 Feb 2023 12:31

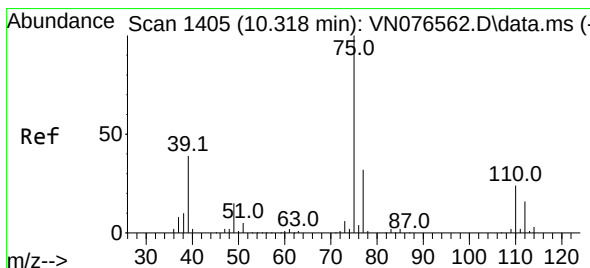
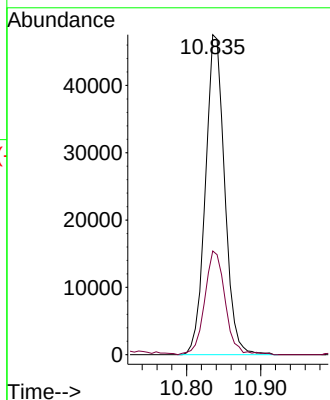
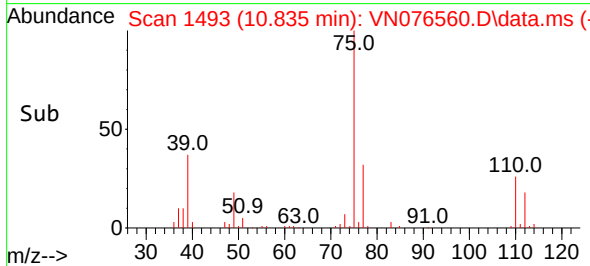
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



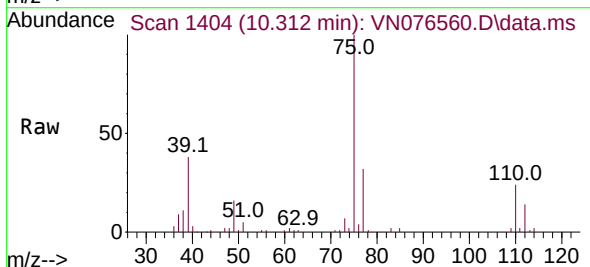
Tgt Ion: 75 Resp: 8564
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.5 36.7

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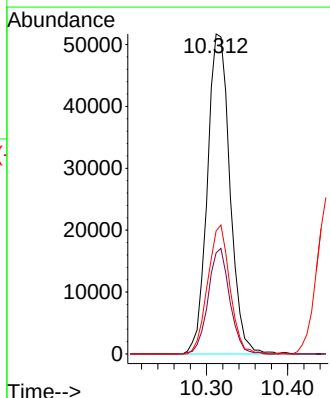
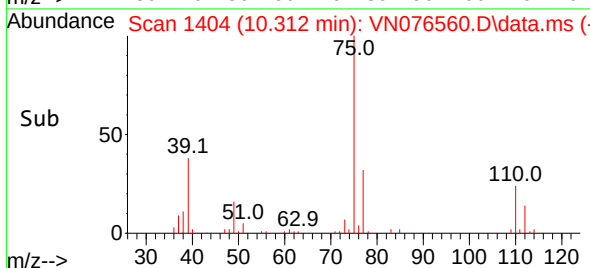
Reviewed By :John Carlone 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023

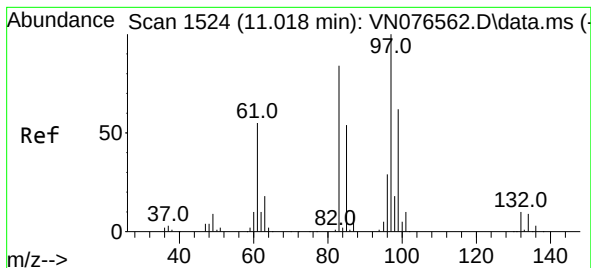


#54
 cis-1,3-Dichloropropene
 Concen: 10.400 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.006 min
 Lab File: VN076560.D
 Acq: 07 Feb 2023 12:31



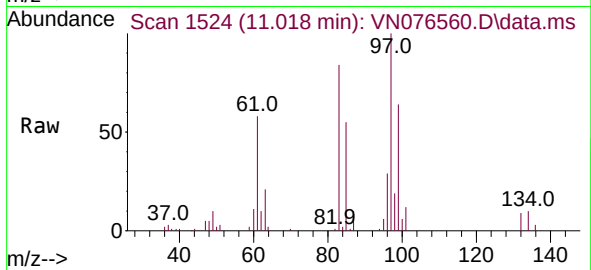
Tgt Ion: 75 Resp: 99865
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.0
 39 38.4 31.1 46.7





#55
1,1,2-Trichloroethane
Concen: 10.525 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

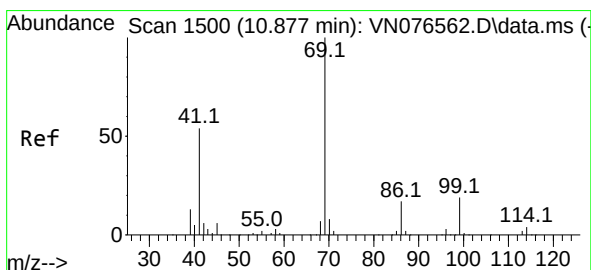
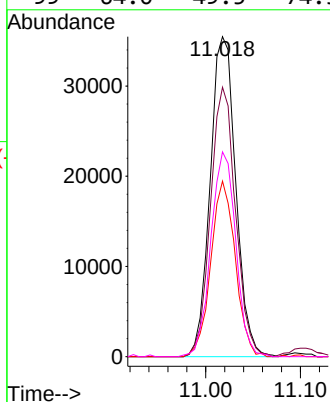
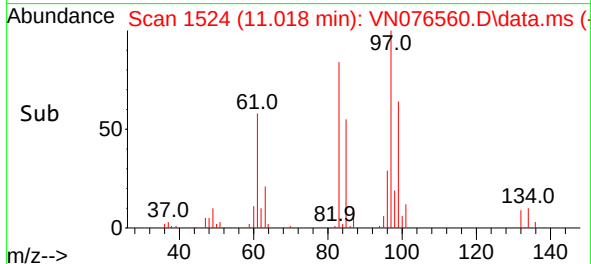


Tgt Ion: 97 Resp: 6654

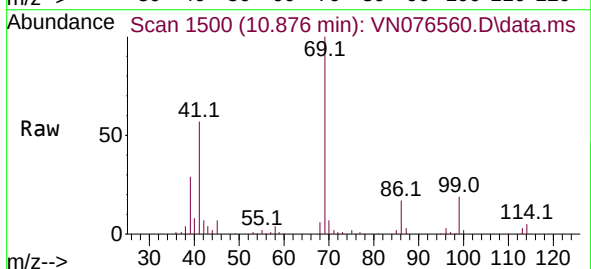
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.5	101.3
85	54.9	43.0	64.6
99	64.0	49.5	74.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

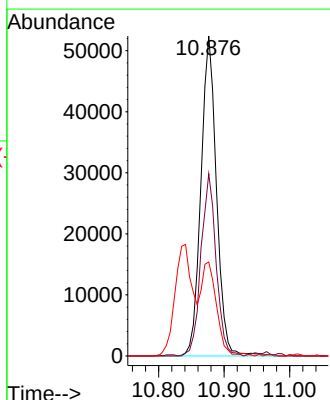
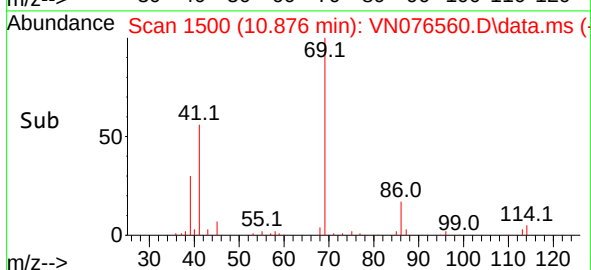


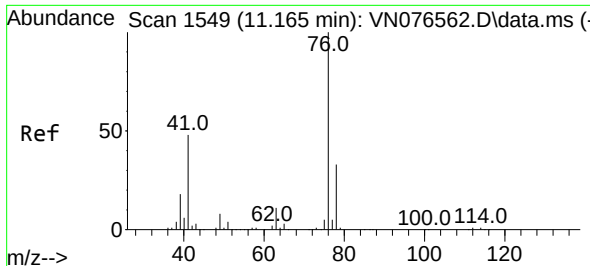
#56
Ethyl methacrylate
Concen: 10.235 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31



Tgt Ion: 69 Resp: 86607

Ion	Ratio	Lower	Upper
69	100		
41	55.4	43.5	65.3
39	27.7	21.3	31.9





#57

1,3-Dichloropropane

Concen: 10.542 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076560.D

Acq: 07 Feb 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 107880

Ion Ratio Lower Upper

76 100

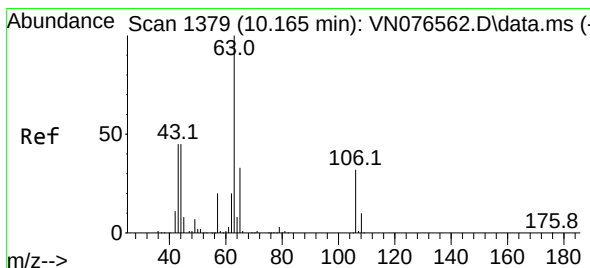
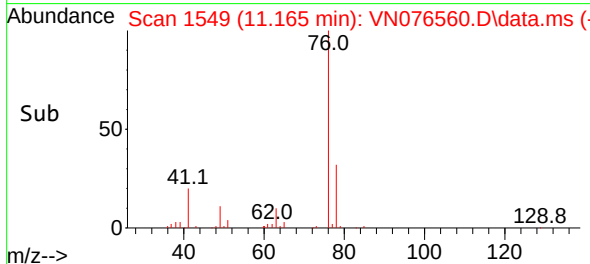
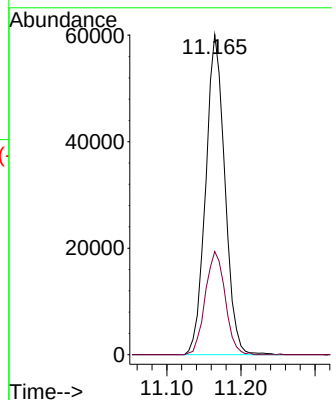
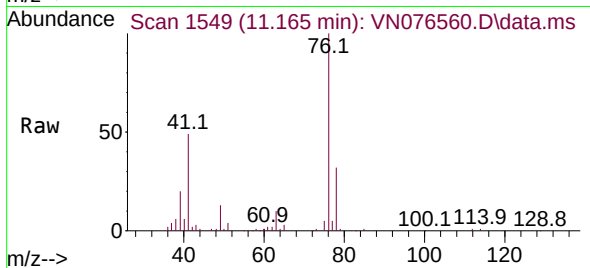
78 33.5 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#58

2-Chloroethyl Vinyl ether

Concen: 47.642 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076560.D

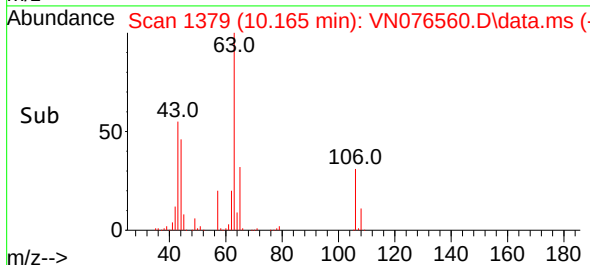
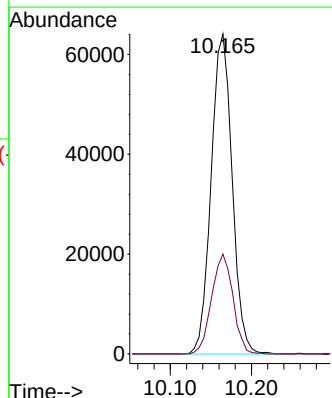
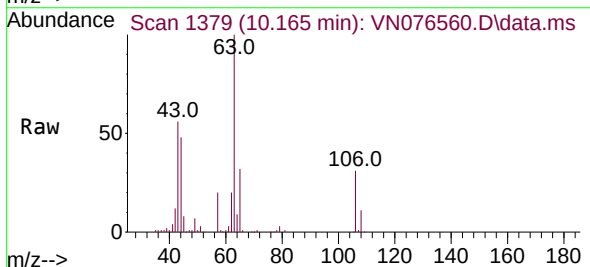
Acq: 07 Feb 2023 12:31

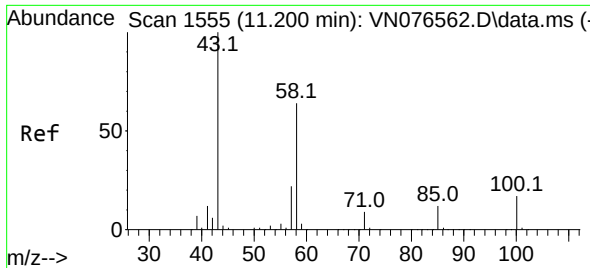
Tgt Ion: 63 Resp: 115204

Ion Ratio Lower Upper

63 100

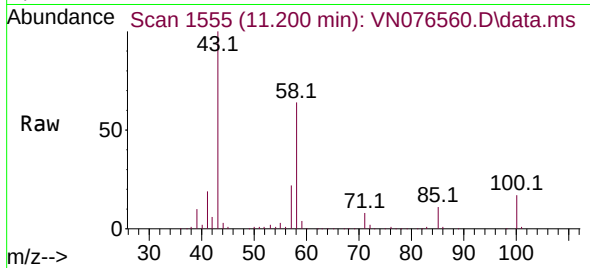
106 31.6 25.6 38.4





#59
2-Hexanone
Concen: 52.246 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

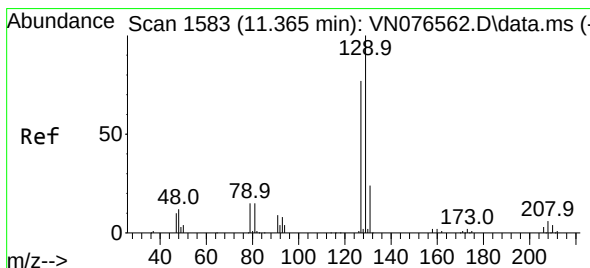
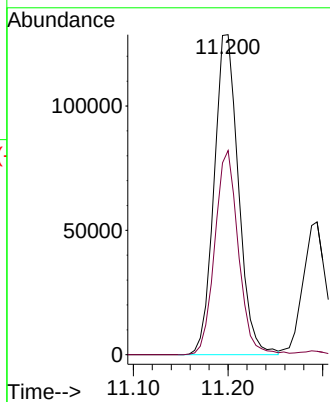
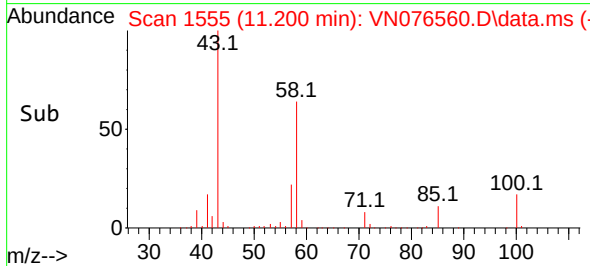
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 230279
Ion Ratio Lower Upper
43 100
58 61.6 31.8 95.4

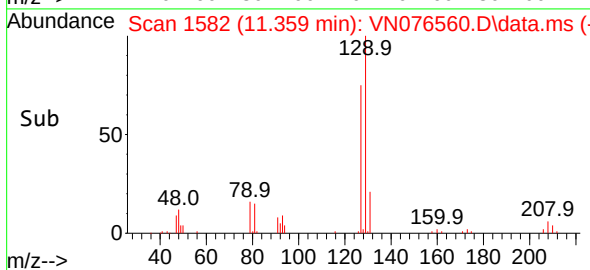
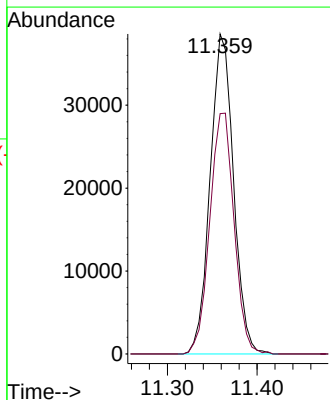
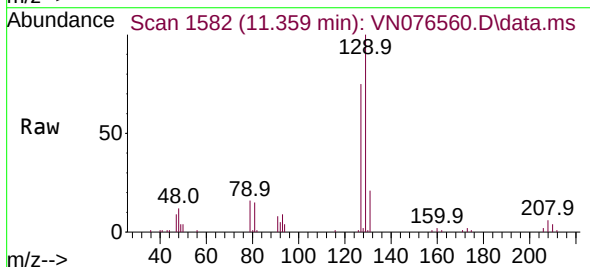
Manual Integrations
APPROVED

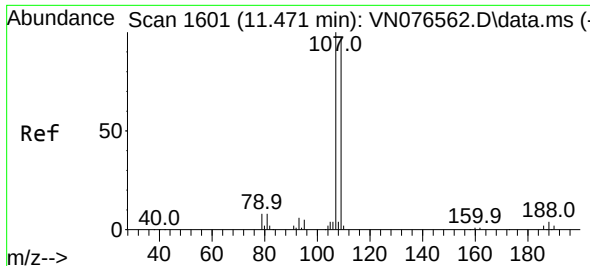
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#60
Dibromochloromethane
Concen: 10.471 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.006 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

Tgt Ion:129 Resp: 69767
Ion Ratio Lower Upper
129 100
127 78.2 38.9 116.7





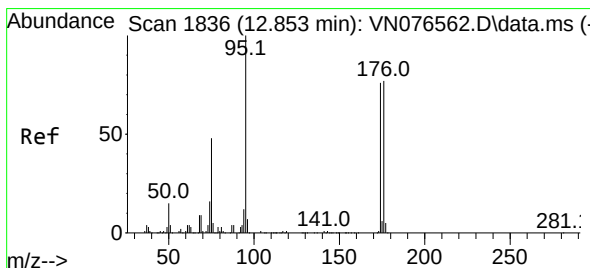
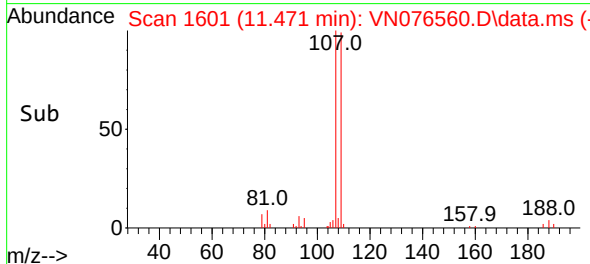
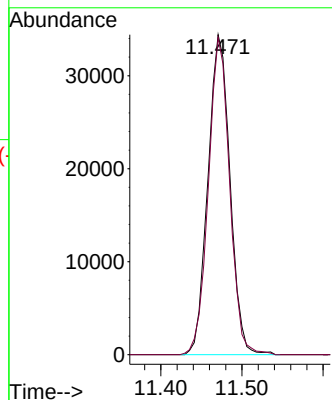
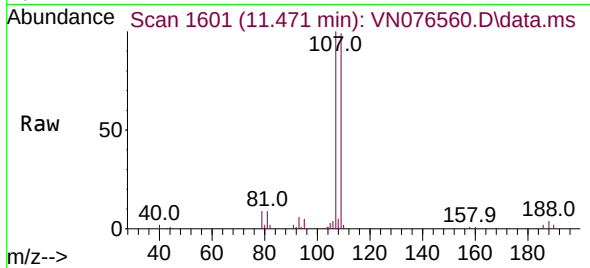
#61
1,2-Dibromoethane
Concen: 10.383 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:107 Resp: 6498
Ion Ratio Lower Upper
107 100
109 95.4 75.4 113.0

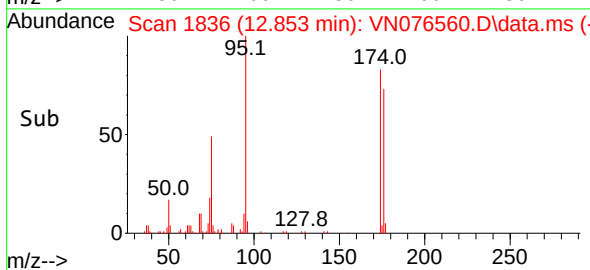
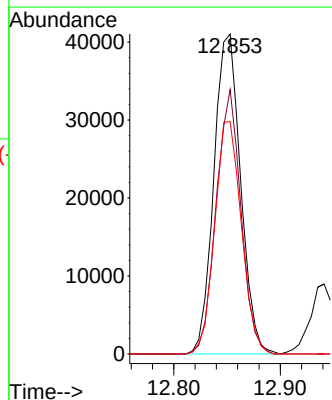
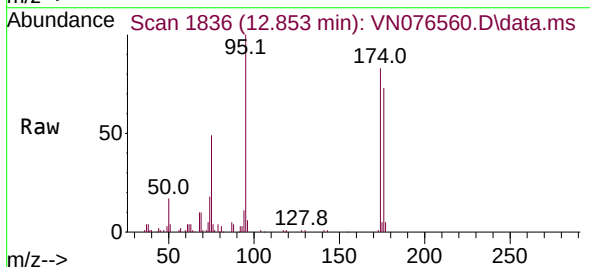
Manual Integrations
APPROVED

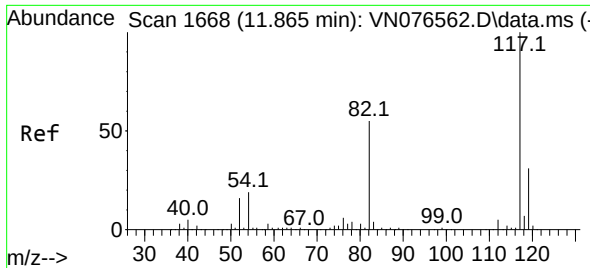
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#62
4-Bromofluorobenzene
Concen: 9.325 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

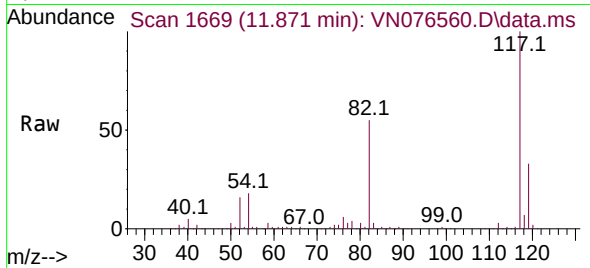
Tgt Ion: 95 Resp: 71425
Ion Ratio Lower Upper
95 100
174 76.7 0.0 154.0
176 72.5 0.0 152.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

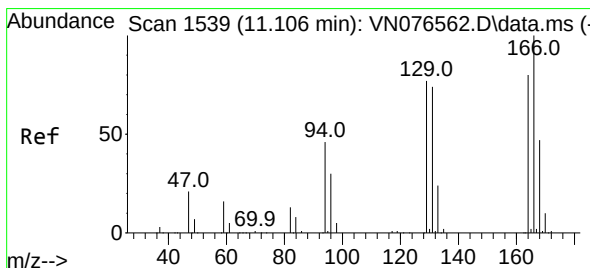
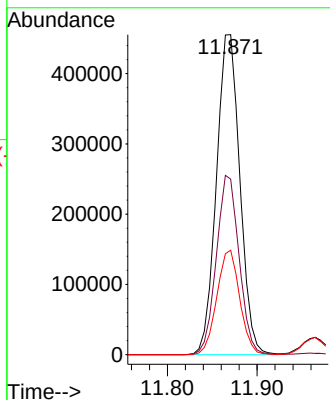
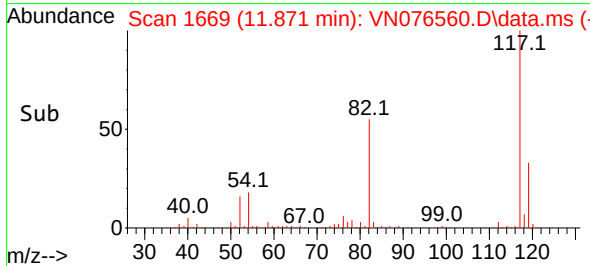
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 82826
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.4
119 32.6 25.1 37.7

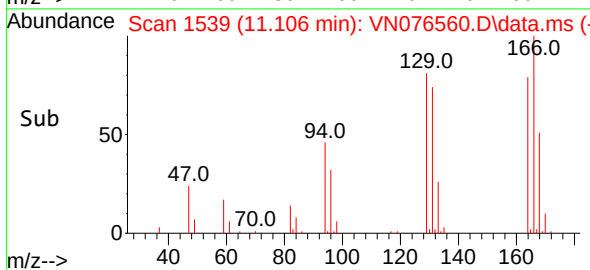
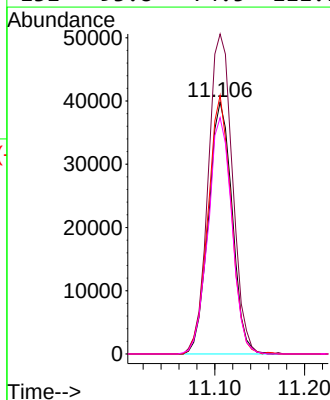
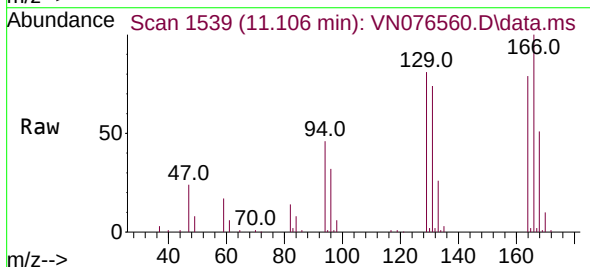
Manual Integrations
APPROVED

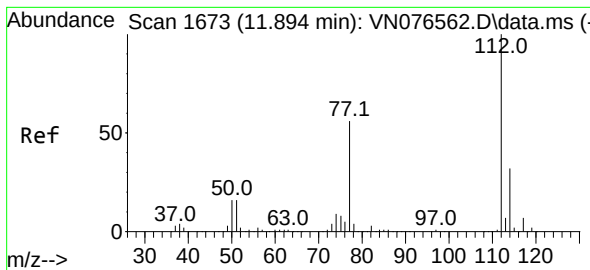
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#64
Tetrachloroethene
Concen: 10.567 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

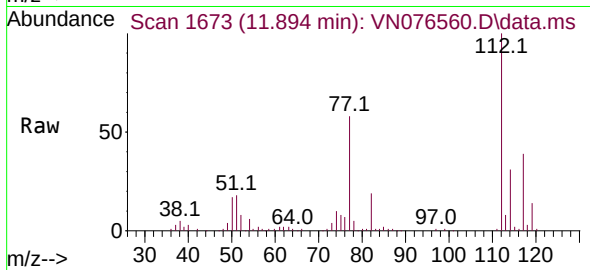
Tgt Ion:164 Resp: 72877
Ion Ratio Lower Upper
164 100
166 127.0 100.2 150.4
129 102.7 76.8 115.2
131 93.8 74.5 111.7





#65
Chlorobenzene
Concen: 10.607 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

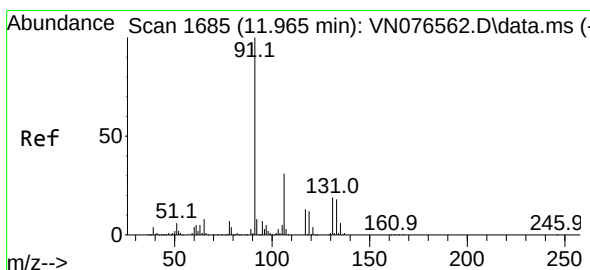
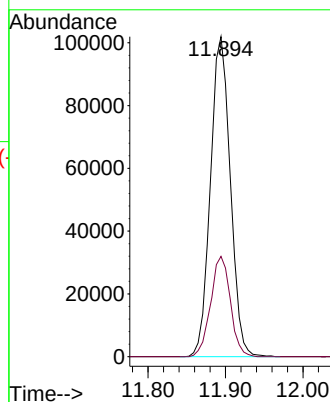
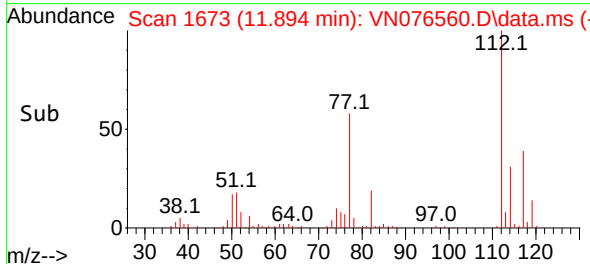
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



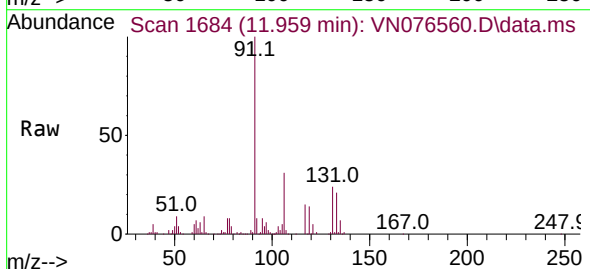
Tgt Ion:112 Resp: 181678
Ion Ratio Lower Upper
112 100
114 31.4 25.3 37.9

Manual Integrations
APPROVED

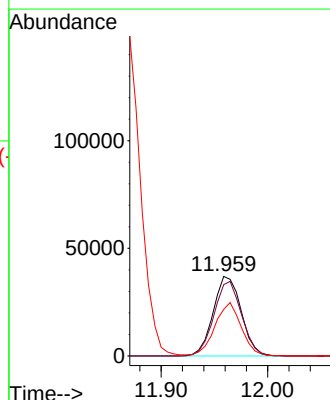
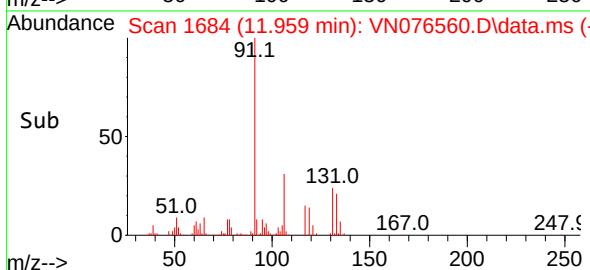
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

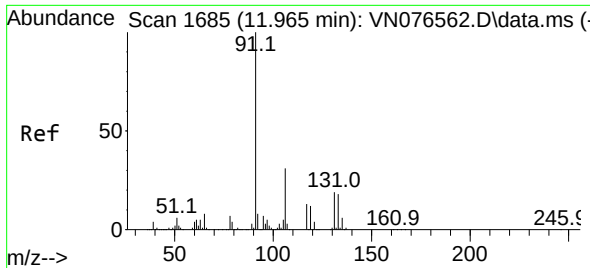


#66
1,1,1,2-Tetrachloroethane
Concen: 10.621 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31



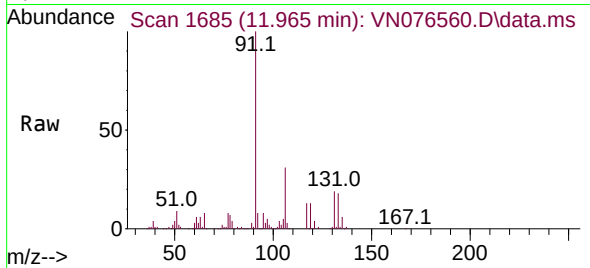
Tgt Ion:131 Resp: 67370
Ion Ratio Lower Upper
131 100
133 92.7 48.0 144.2
119 63.2 32.4 97.0





#67
Ethyl Benzene
Concen: 10.409 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

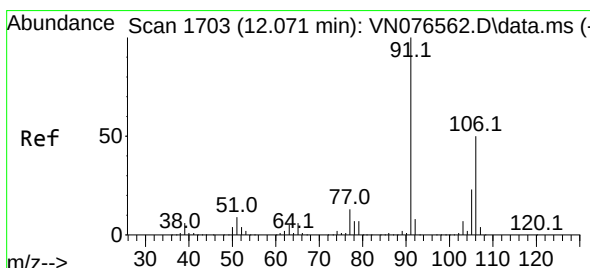
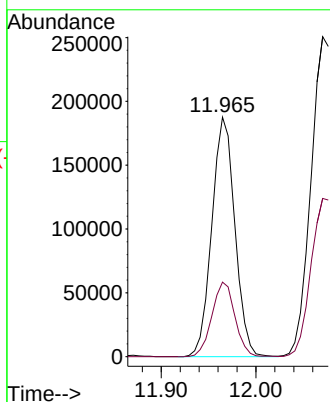
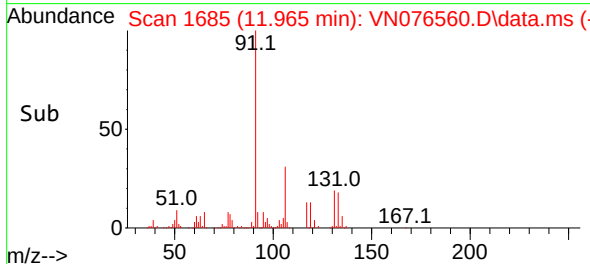
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



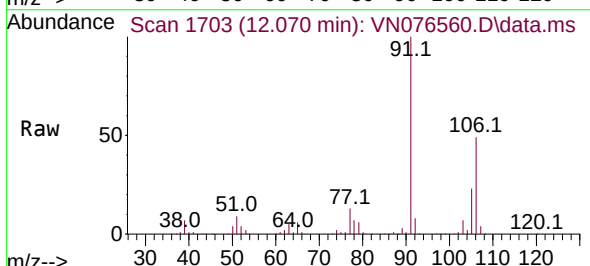
Tgt Ion: 91 Resp: 316840
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

Manual Integrations
APPROVED

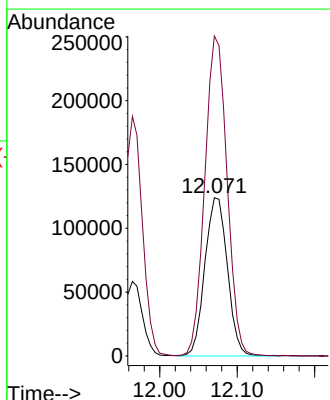
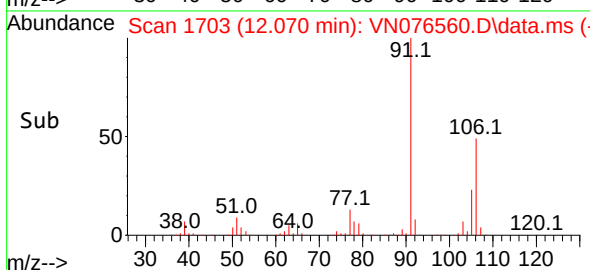
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

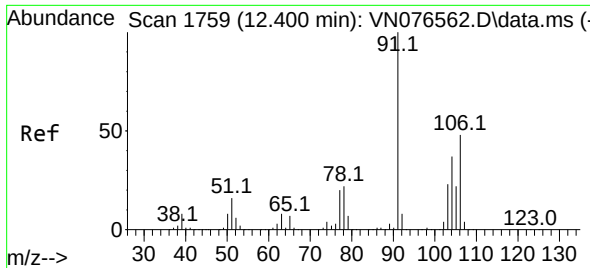


#68
m/p-Xylenes
Concen: 21.099 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31



Tgt Ion:106 Resp: 250228
Ion Ratio Lower Upper
106 100
91 199.3 160.2 240.4





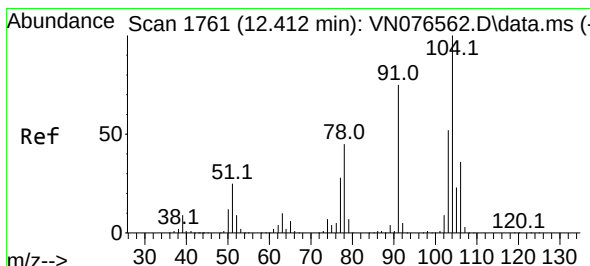
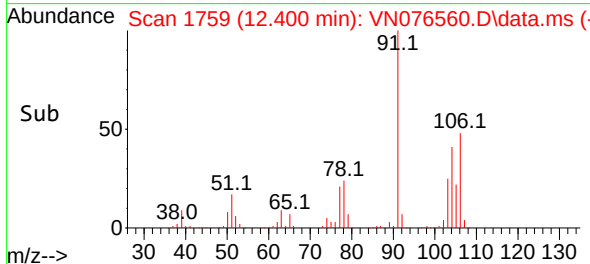
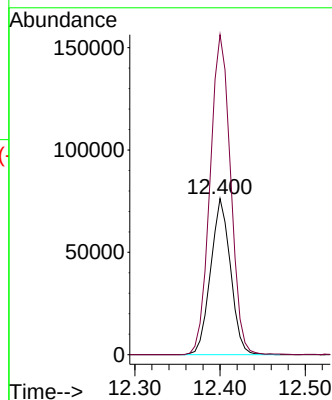
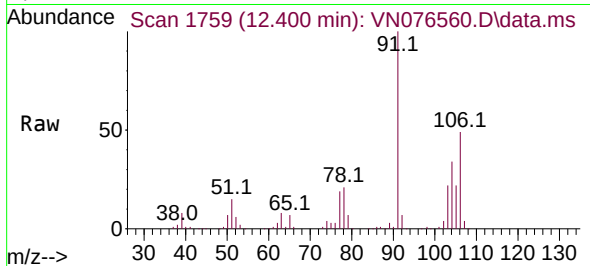
#69
o-Xylene
Concen: 10.644 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:106 Resp: 12362
Ion Ratio Lower Upper
106 100
91 212.2 106.2 318.5

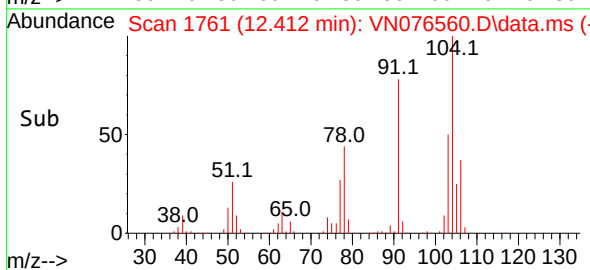
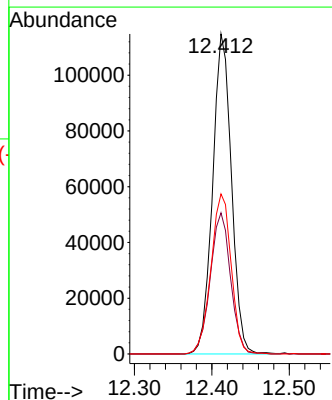
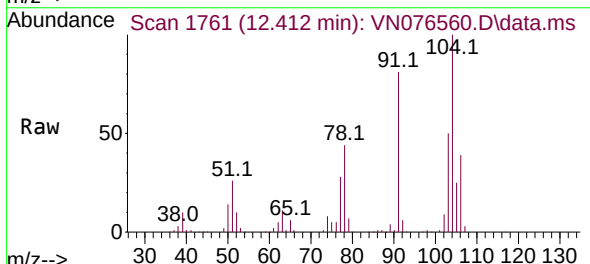
Manual Integrations
APPROVED

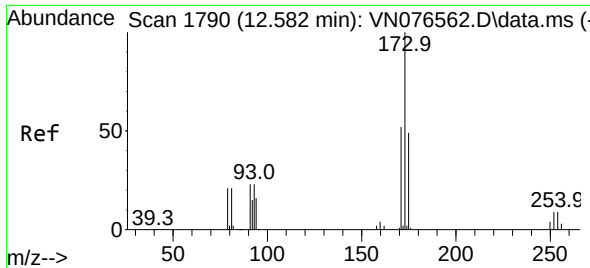
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#70
Styrene
Concen: 10.526 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

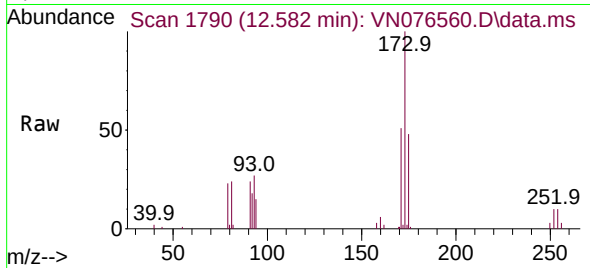
Tgt Ion:104 Resp: 194435
Ion Ratio Lower Upper
104 100
78 47.5 38.2 57.4
103 53.7 43.7 65.5





#71
Bromoform
Concen: 10.288 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

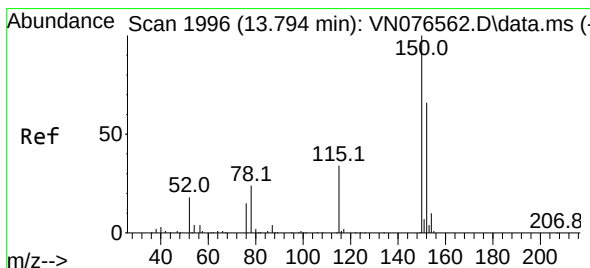
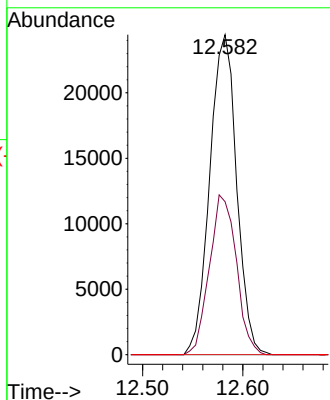
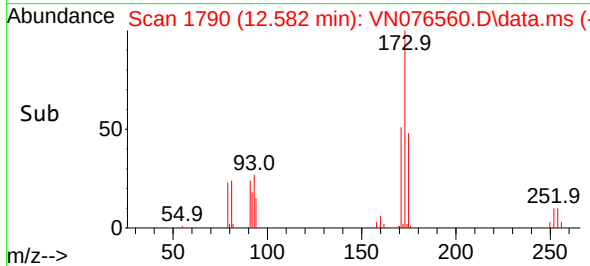
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



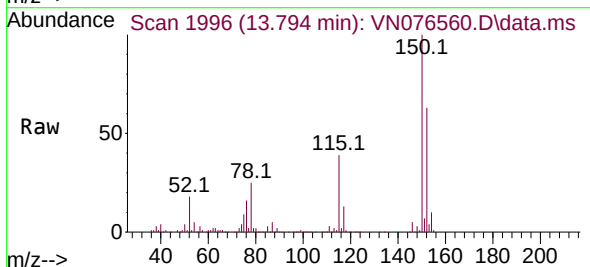
Tgt Ion:173 Resp: 4555
Ion Ratio Lower Upper
173 100
175 49.9 24.8 74.3
254 0.0 0.1 0.1

Manual Integrations
APPROVED

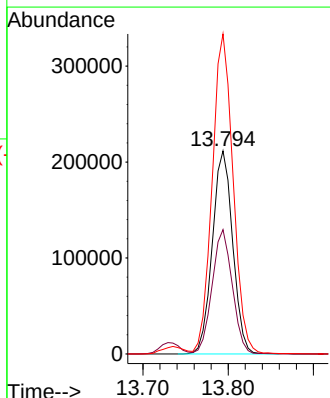
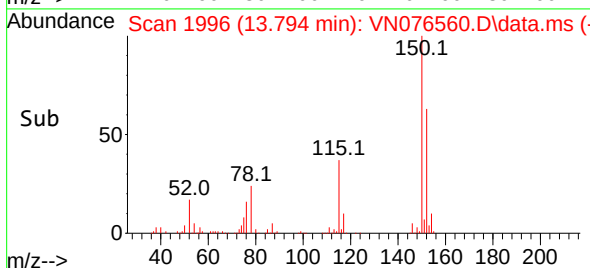
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

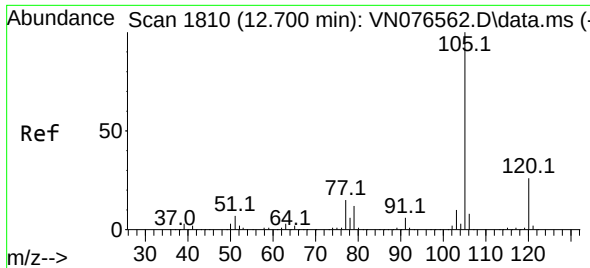


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31



Tgt Ion:152 Resp: 352180
Ion Ratio Lower Upper
152 100
115 60.7 30.8 92.3
150 161.7 0.0 348.8





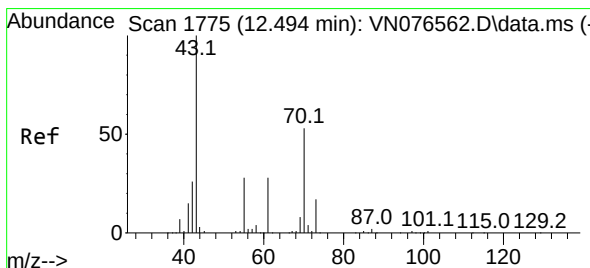
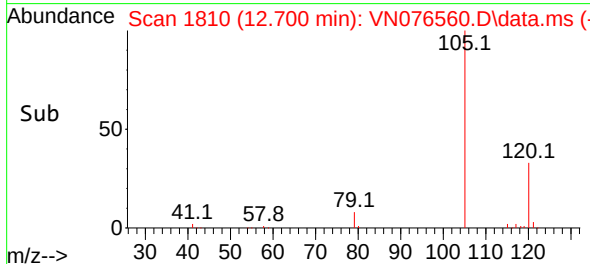
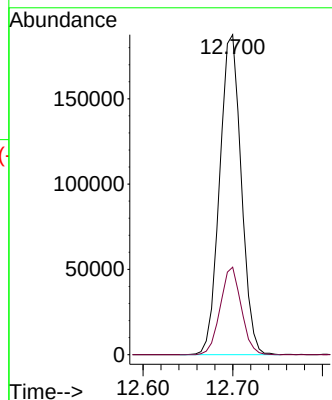
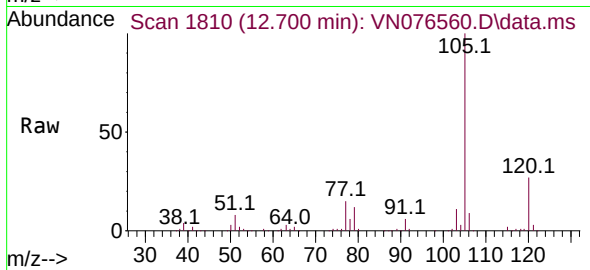
#73
Isopropylbenzene
Concen: 10.871 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:105 Resp: 313540
Ion Ratio Lower Upper
105 100
120 26.5 13.0 39.0

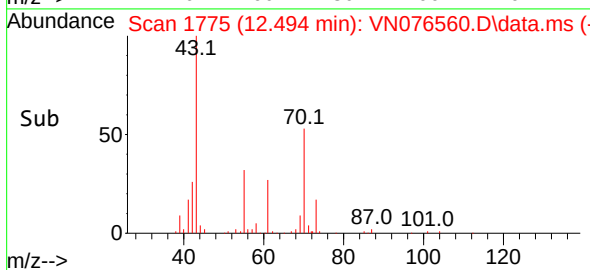
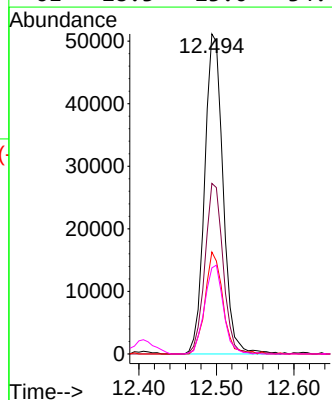
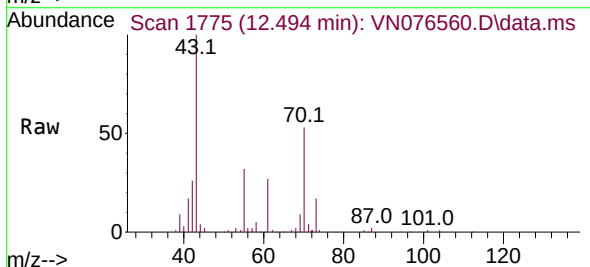
Manual Integrations
APPROVED

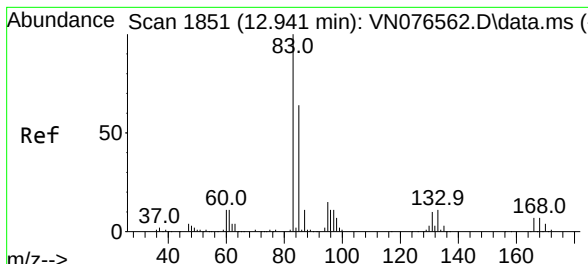
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#74
N-ethyl acetate
Concen: 10.491 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

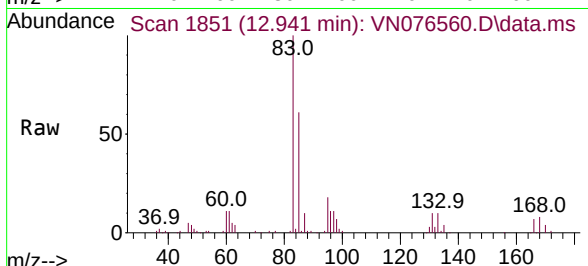
Tgt Ion: 43 Resp: 84382
Ion Ratio Lower Upper
43 100
70 52.5 43.1 64.7
55 30.8 22.4 33.6
61 28.3 23.0 34.4





#75
 1,1,2,2-Tetrachloroethane
 Concen: 11.043 ug/l
 RT: 12.941 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: VN076560.D
 Acq: 07 Feb 2023 12:31

Instrument : MSVOA_N
 ClientSampleId : VSTDICC010

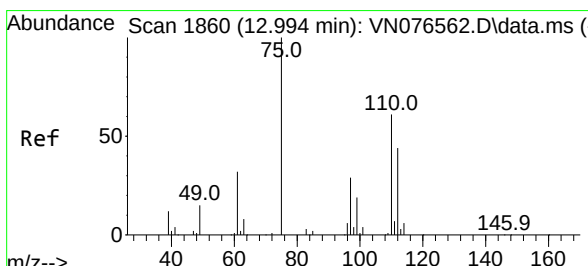
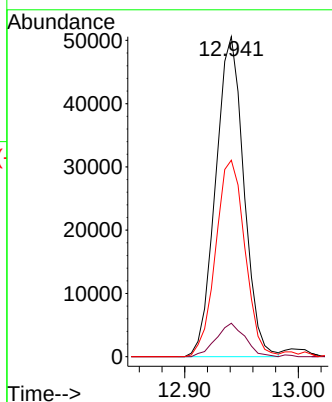
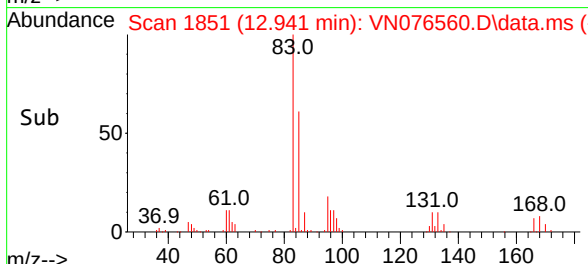


Tgt Ion: 83 Resp: 87300

Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.3	16.1
85	63.7	32.4	97.0

Manual Integrations
 APPROVED

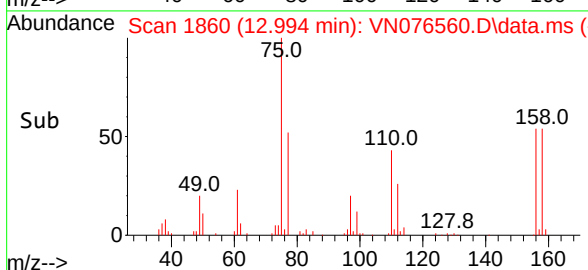
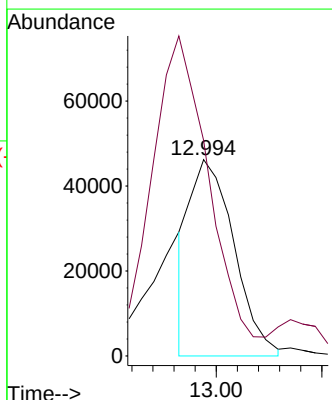
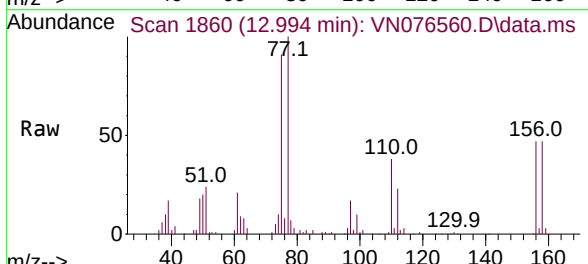
Reviewed By :John Carlone 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023

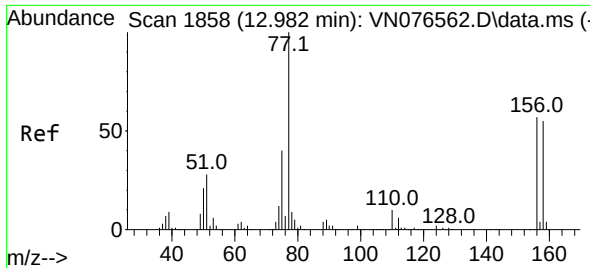


#76
 1,2,3-Trichloropropane
 Concen: 9.694 ug/l m
 RT: 12.994 min Scan# 1860
 Delta R.T. -0.000 min
 Lab File: VN076560.D
 Acq: 07 Feb 2023 12:31

Tgt Ion: 75 Resp: 67551

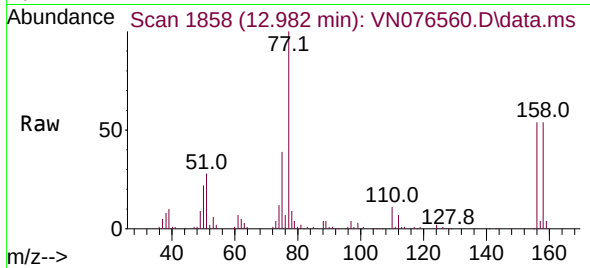
Ion	Ratio	Lower	Upper
75	100		
77	215.2	87.5	262.5





#77
Bromobenzene
Concen: 10.688 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

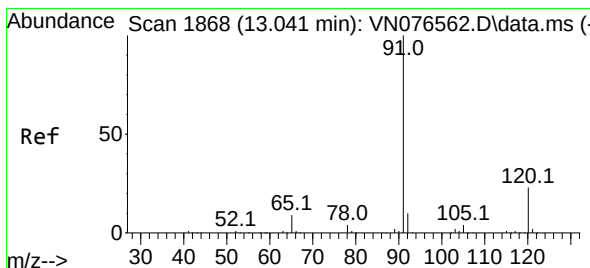
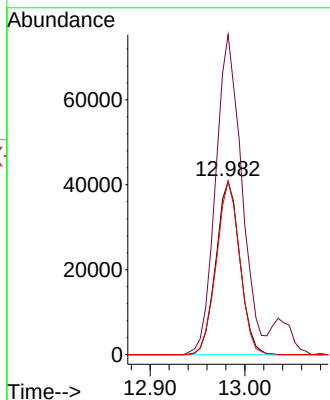
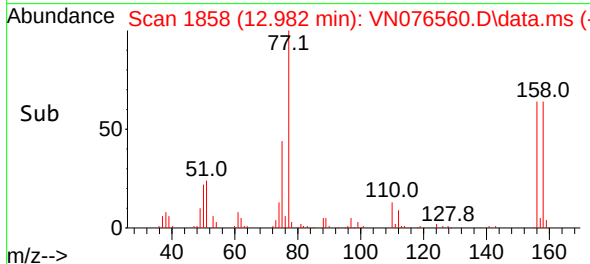
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



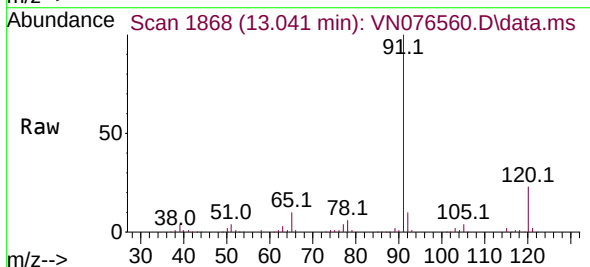
Tgt Ion:156 Resp: 71700
Ion Ratio Lower Upper
156 100
77 202.8 101.6 304.9
158 97.8 48.9 146.7

Manual Integrations
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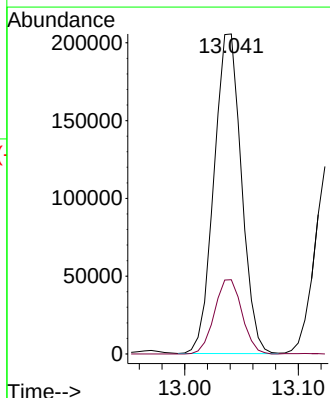
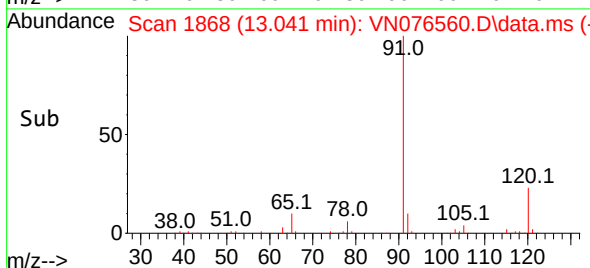
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

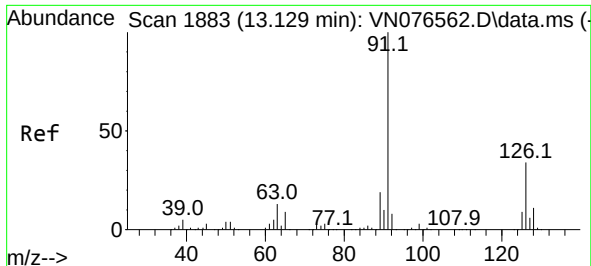


#78
n-propylbenzene
Concen: 10.873 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31



Tgt Ion: 91 Resp: 345315
Ion Ratio Lower Upper
91 100
120 23.3 11.6 34.8





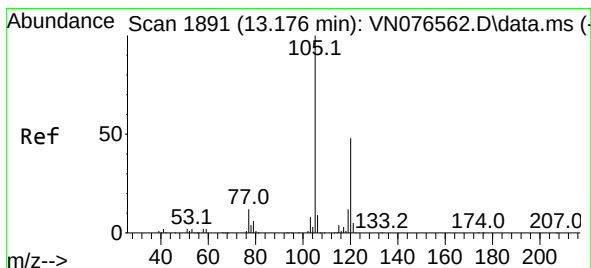
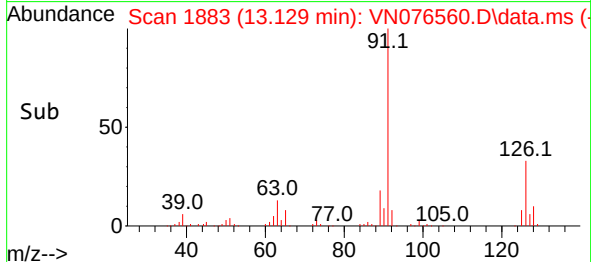
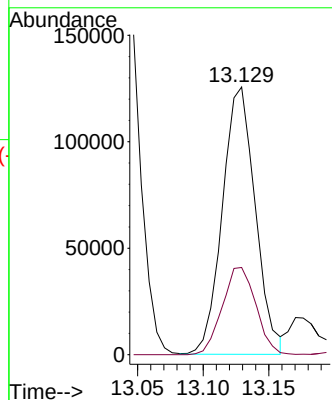
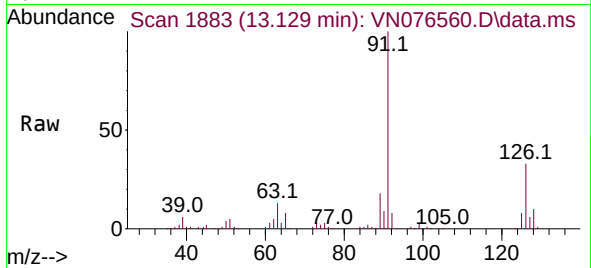
#79
2-Chlorotoluene
Concen: 10.845 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 219408
Ion Ratio Lower Upper
91 100
126 33.4 16.8 50.3

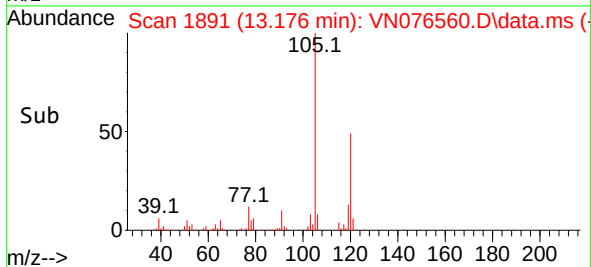
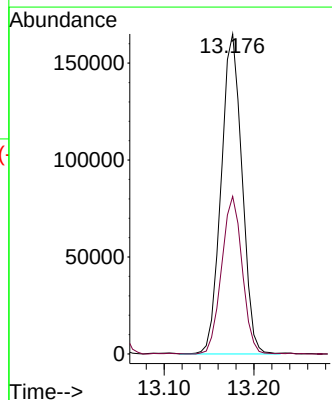
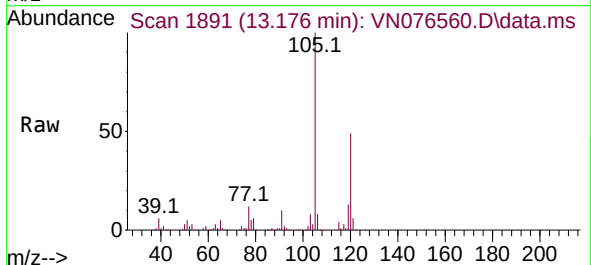
Manual Integrations
APPROVED

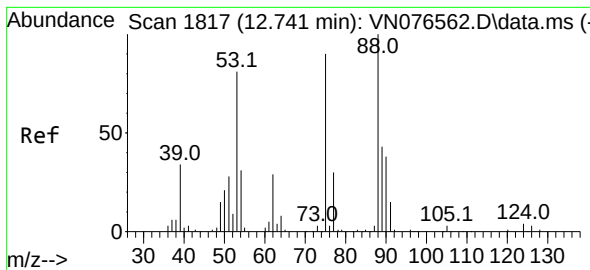
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#80
1,3,5-Trimethylbenzene
Concen: 11.121 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

Tgt Ion:105 Resp: 266207
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.9





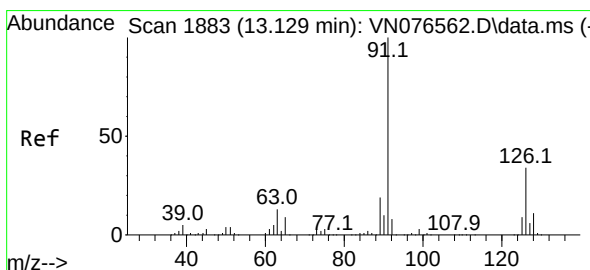
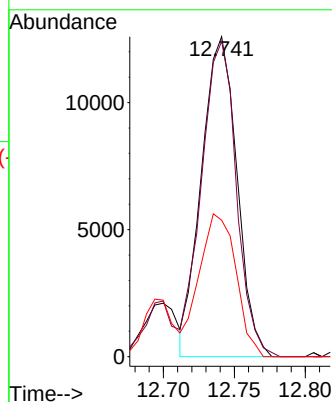
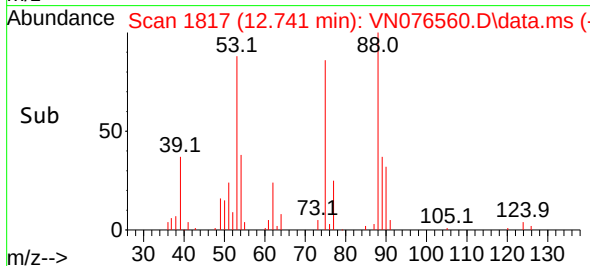
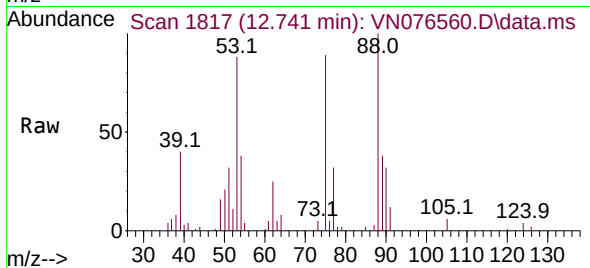
#81
trans-1,4-Dichloro-2-butene
Concen: 10.341 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 2189
Ion Ratio Lower Upper
75 100
53 96.7 77.1 115.7
89 46.2 41.5 62.3

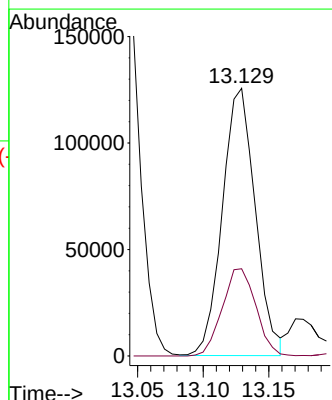
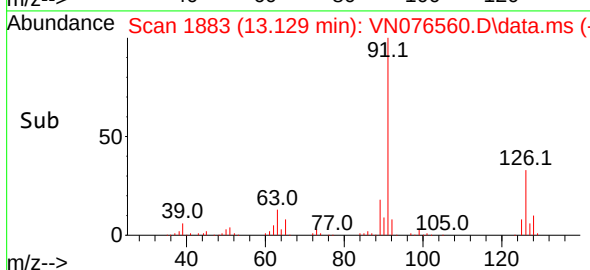
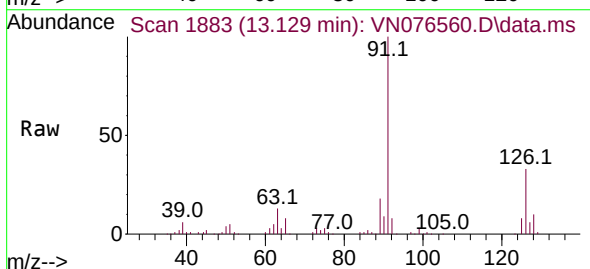
Manual Integrations
APPROVED

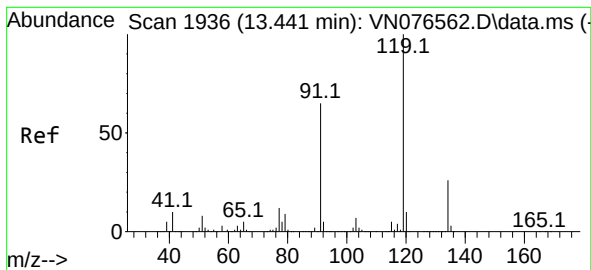
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#82
4-Chlorotoluene
Concen: 10.845 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

Tgt Ion: 91 Resp: 219408
Ion Ratio Lower Upper
91 100
126 33.4 16.8 50.3





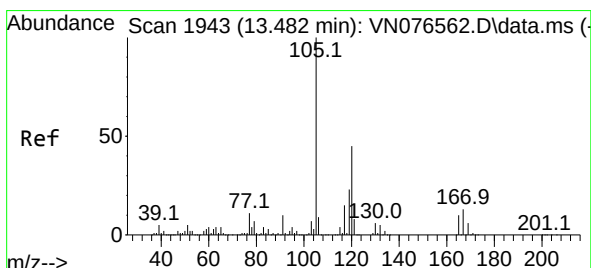
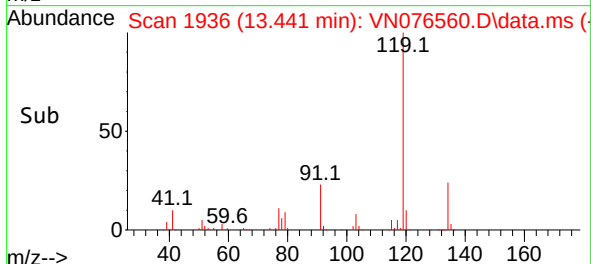
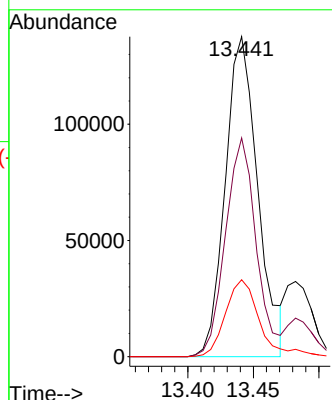
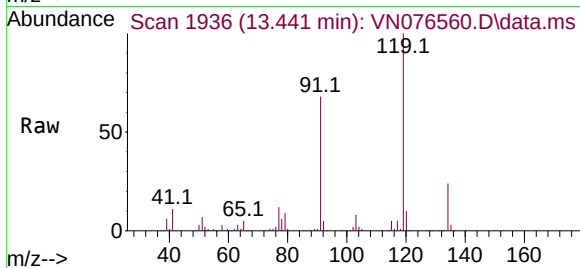
#83
tert-Butylbenzene
Concen: 11.097 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 23793
Ion Ratio Lower Upper
119 100
91 64.6 33.2 99.6
134 25.3 13.4 40.1

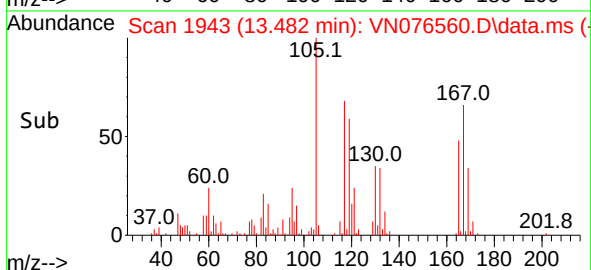
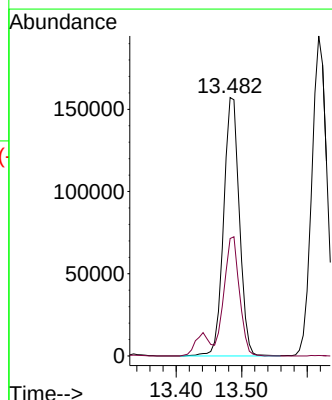
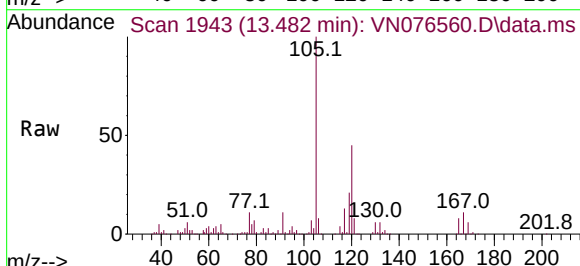
Manual Integrations
APPROVED

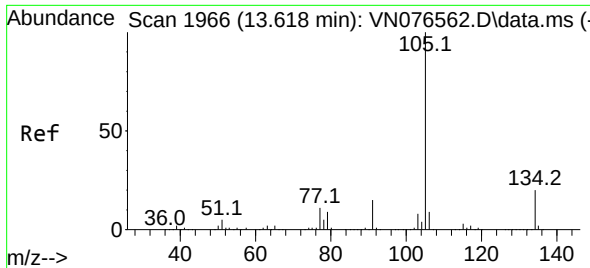
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#84
1,2,4-Trimethylbenzene
Concen: 10.979 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

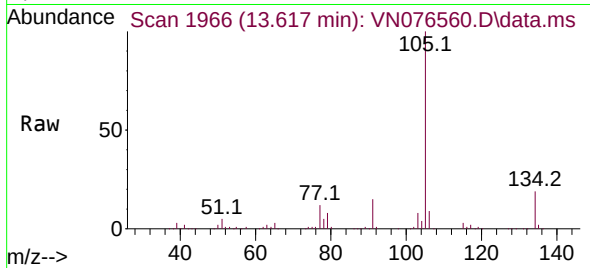
Tgt Ion:105 Resp: 261544
Ion Ratio Lower Upper
105 100
120 44.8 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 10.904 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN076560.D
 Acq: 07 Feb 2023 12:31

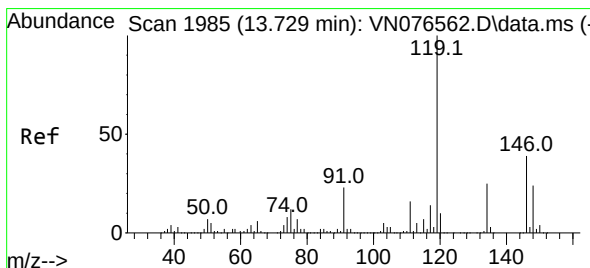
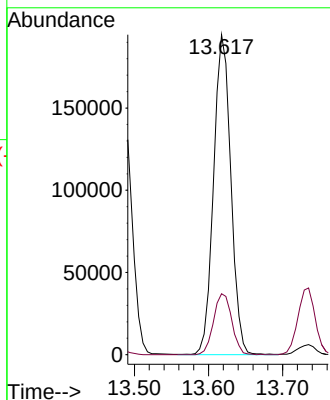
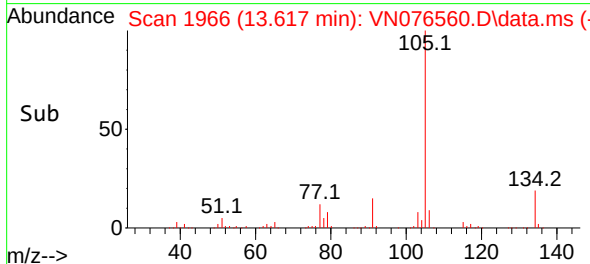
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010



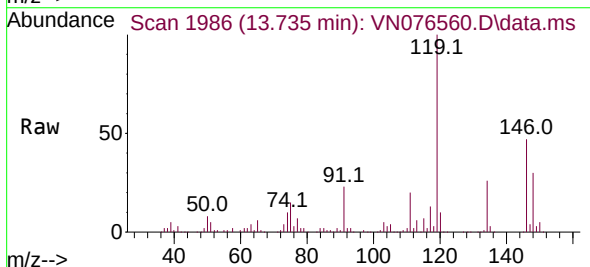
Tgt Ion:105 Resp: 315275
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1

Manual Integrations
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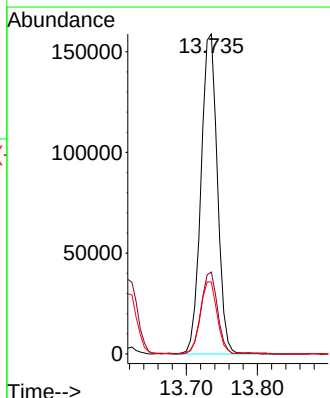
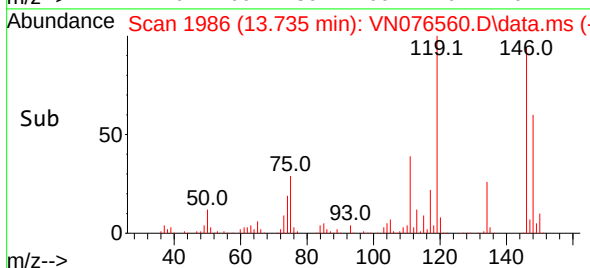
Reviewed By :John Carlone 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023

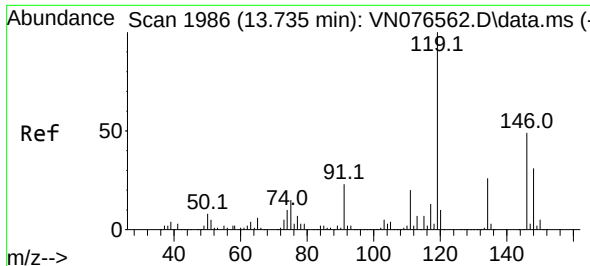


#86
 p-Isopropyltoluene
 Concen: 10.743 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN076560.D
 Acq: 07 Feb 2023 12:31



Tgt Ion:119 Resp: 254556
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.4
 91 23.2 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 10.339 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN076560.D

Acq: 07 Feb 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion:146 Resp: 127668

Ion Ratio Lower Upper

146 100

111 40.6 20.3 61.0

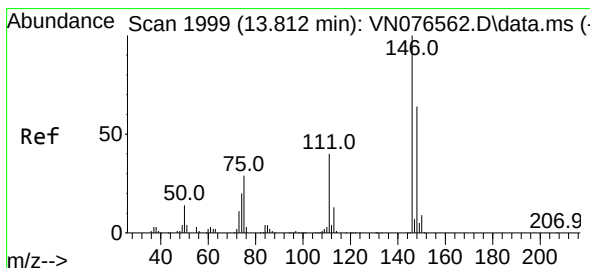
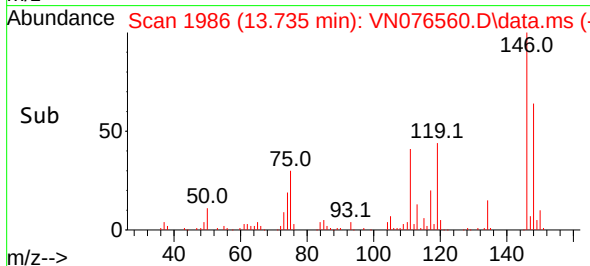
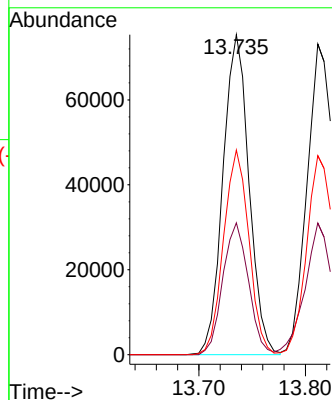
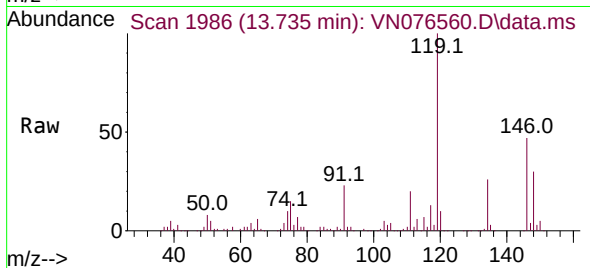
148 62.3 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#88

1,4-Dichlorobenzene

Concen: 10.035 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN076560.D

Acq: 07 Feb 2023 12:31

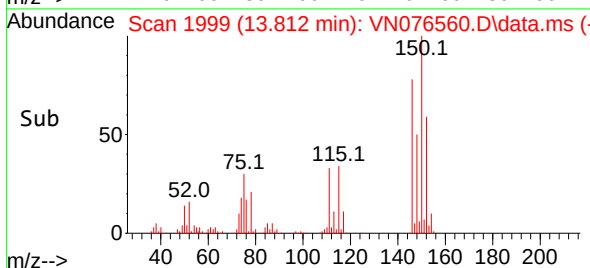
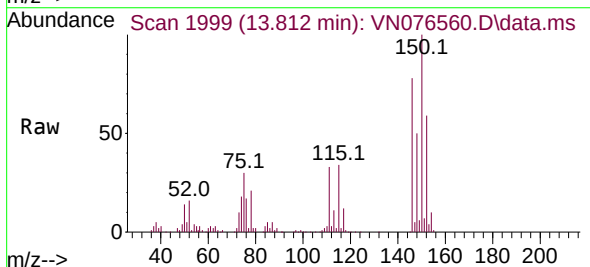
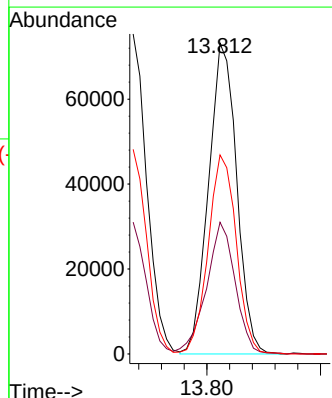
Tgt Ion:146 Resp: 125870

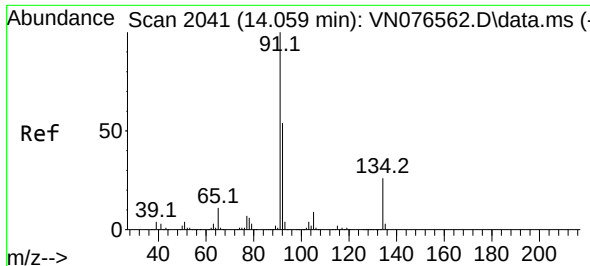
Ion Ratio Lower Upper

146 100

111 43.4 19.8 59.4

148 64.1 31.6 94.8





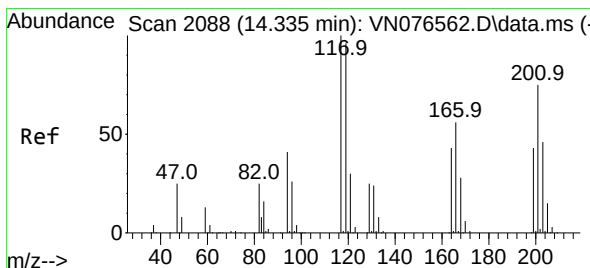
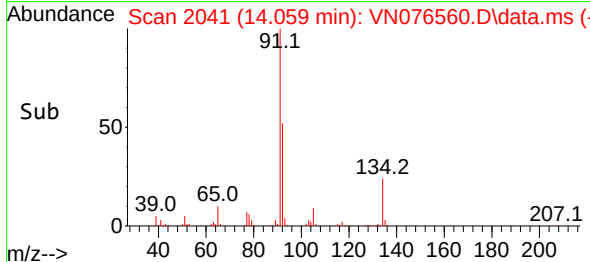
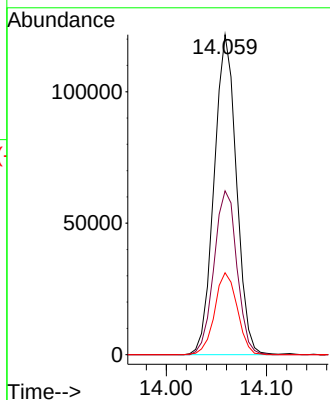
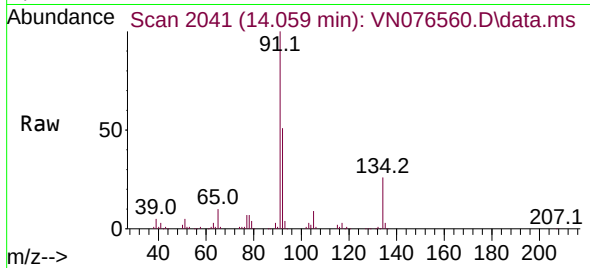
#89
n-Butylbenzene
Concen: 10.005 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 18772
Ion Ratio Lower Upper
91 100
92 52.8 27.0 80.8
134 26.0 13.1 39.3

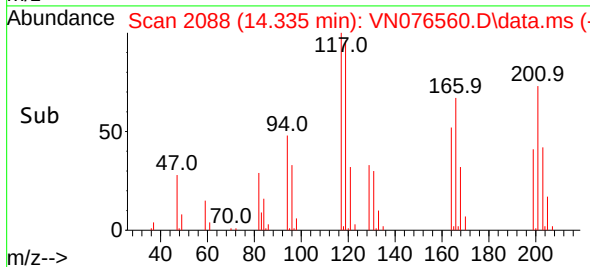
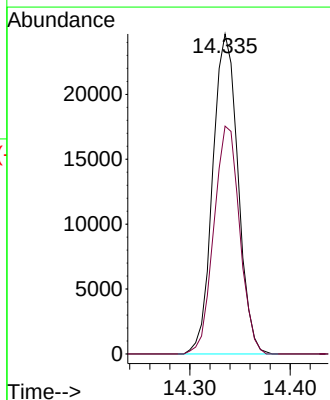
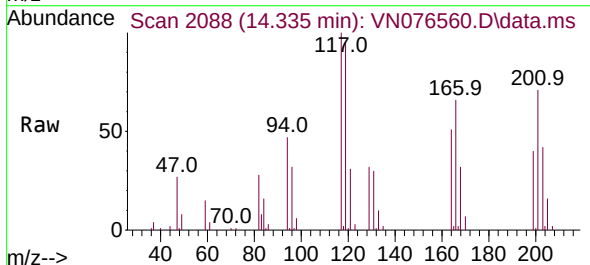
Manual Integrations
APPROVED

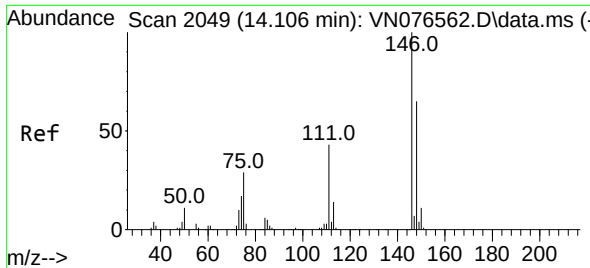
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#90
Hexachloroethane
Concen: 10.421 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

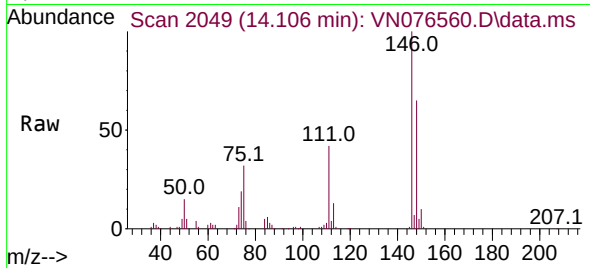
Tgt Ion:117 Resp: 43010
Ion Ratio Lower Upper
117 100
201 72.9 37.2 111.6





#91
1,2-Dichlorobenzene
Concen: 10.442 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

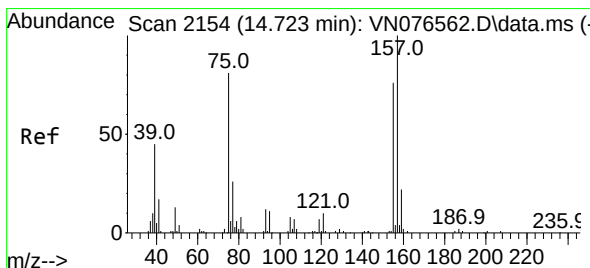
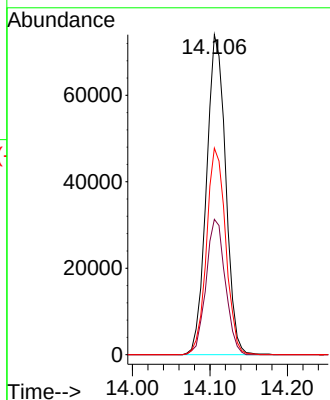
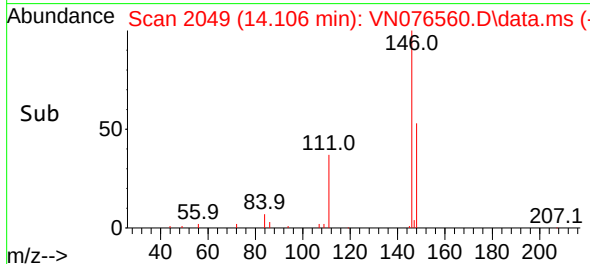
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



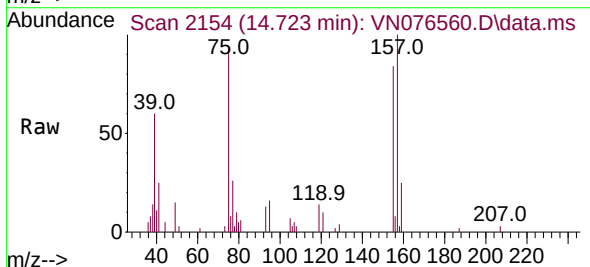
Tgt Ion:146 Resp: 127124
Ion Ratio Lower Upper
146 100
111 42.5 21.4 64.3
148 64.4 31.9 95.9

Manual Integrations
APPROVED

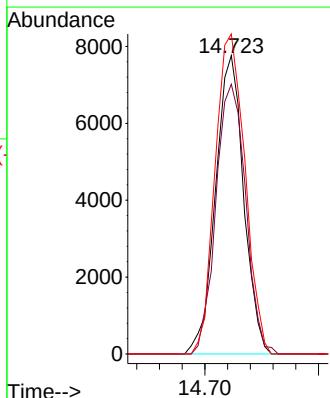
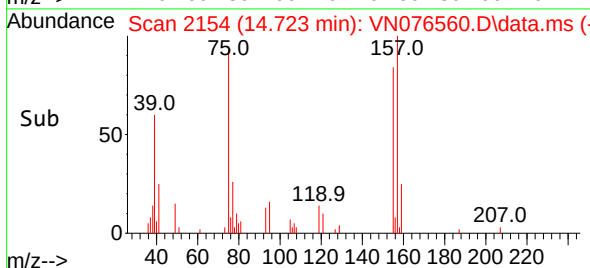
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

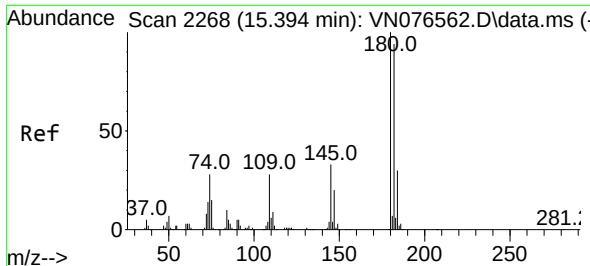


#92
1,2-Dibromo-3-Chloropropane
Concen: 9.747 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31



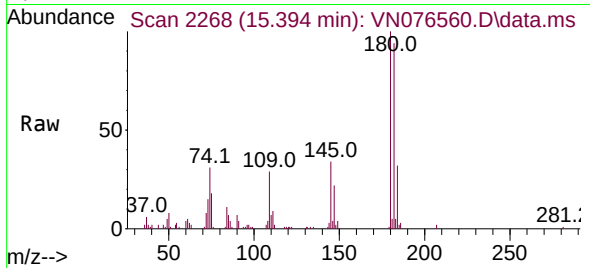
Tgt Ion: 75 Resp: 13336
Ion Ratio Lower Upper
75 100
155 95.4 44.8 134.4
157 113.8 58.4 175.1





#93
1,2,4-Trichlorobenzene
Concen: 9.330 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31

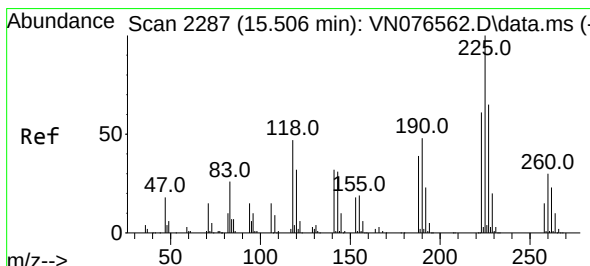
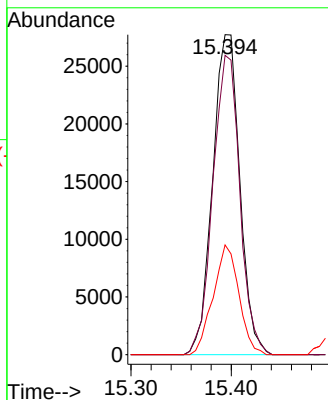
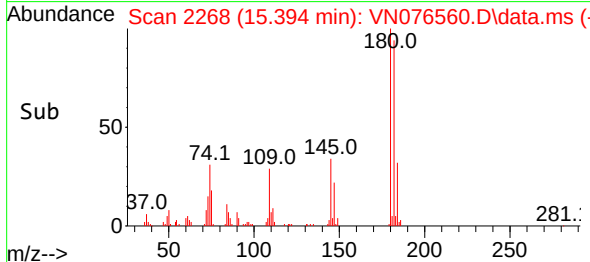
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



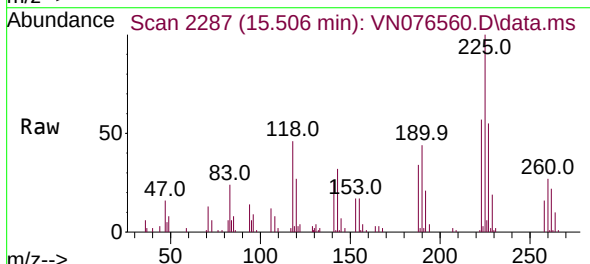
Tgt Ion:180 Resp: 52048
Ion Ratio Lower Upper
180 100
182 92.9 47.4 142.2
145 32.6 16.3 48.8

Manual Integrations
APPROVED

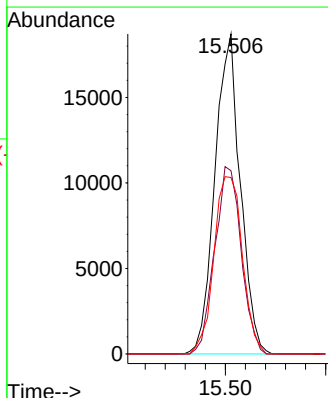
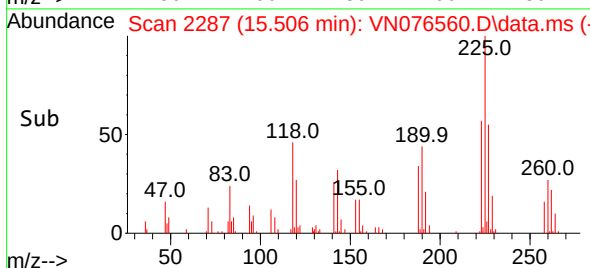
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

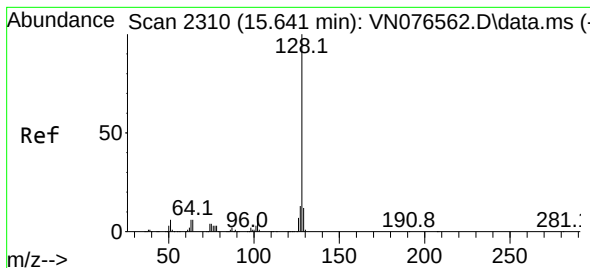


#94
Hexachlorobutadiene
Concen: 10.481 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VN076560.D
Acq: 07 Feb 2023 12:31



Tgt Ion:225 Resp: 32876
Ion Ratio Lower Upper
225 100
223 61.2 31.2 93.6
227 62.1 31.8 95.3





#95

Naphthalene

Concen: 8.944 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN076560.D

Acq: 07 Feb 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

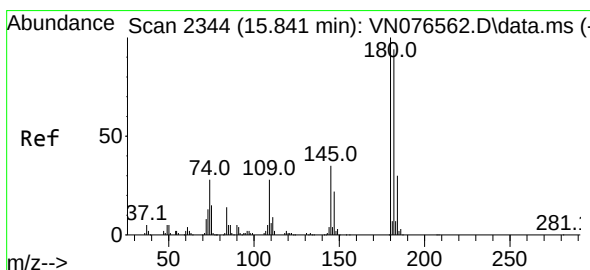
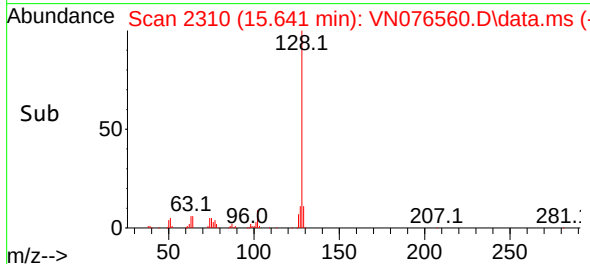
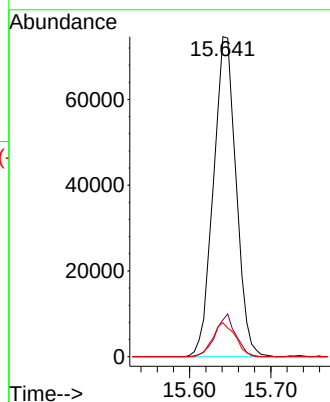
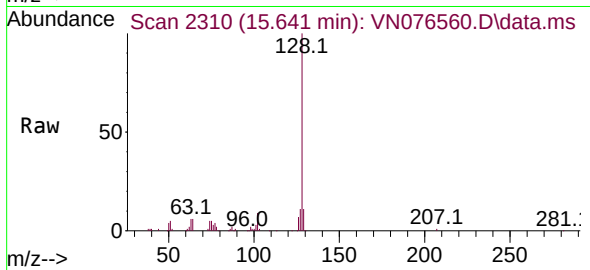
Tgt Ion:	128	Resp:	145144
Ion Ratio	Lower	Upper	
128	100		
127	11.9	10.2	15.2
129	10.6	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#96

1,2,3-Trichlorobenzene

Concen: 9.305 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN076560.D

Acq: 07 Feb 2023 12:31

Tgt Ion:	180	Resp:	49712
Ion Ratio	Lower	Upper	
180	100		
182	100.2	47.4	142.2
145	34.4	17.2	51.5

