

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011823\
 Data File : VN076294.D
 Acq On : 18 Jan 2023 13:23
 Operator : JC\MD
 Sample : VN0118MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0118MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/19/2023
 Supervised By : Mahesh Dadoda 01/19/2023

Quant Time: Jan 19 00:49:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	384053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	601855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	542591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	252591	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	221460	51.500	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.000%	
35) Dibromofluoromethane	8.171	113	201268	53.460	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.920%	
50) Toluene-d8	10.571	98	766616	55.136	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.280%	
62) 4-Bromofluorobenzene	12.853	95	257693	56.773	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.540%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	74830	19.014	ug/l	99
3) Chloromethane	2.377	50	73858	18.125	ug/l	92
4) Vinyl Chloride	2.530	62	101886	20.392	ug/l	99
5) Bromomethane	2.953	94	93181	22.773	ug/l	97
6) Chloroethane	3.130	64	82564	22.037	ug/l	98
7) Trichlorofluoromethane	3.512	101	127270	18.515	ug/l	93
8) Diethyl Ether	3.983	74	43612	18.916	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.389	101	71918	18.481	ug/l	99
10) Methyl Iodide	4.600	142	111649	18.783	ug/l	100
11) Tert butyl alcohol	5.541	59	58993	102.565	ug/l	98
12) 1,1-Dichloroethene	4.353	96	67464	18.340	ug/l	93
13) Acrolein	4.195	56	83593	121.527	ug/l	99
14) Allyl chloride	5.036	41	78404	18.290	ug/l	98
15) Acrylonitrile	5.736	53	152609	93.238	ug/l	99
16) Acetone	4.447	43	125371	90.900	ug/l	96
17) Carbon Disulfide	4.730	76	159920	17.460	ug/l	97
18) Methyl Acetate	5.036	43	84135	18.009	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	233922	19.533	ug/l	97
20) Methylene Chloride	5.289	84	77024	18.503	ug/l	98
21) trans-1,2-Dichloroethene	5.800	96	72388	18.165	ug/l	94
22) Diisopropyl ether	6.683	45	188625	18.659	ug/l	98
23) Vinyl Acetate	6.618	43	633758	97.001	ug/l	98
24) 1,1-Dichloroethane	6.577	63	123864	18.381	ug/l	99
25) 2-Butanone	7.494	43	193020	91.679	ug/l	100
26) 2,2-Dichloropropane	7.500	77	108968	19.186	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	86613	18.635	ug/l	100
28) Bromochloromethane	7.824	49	49994	18.304	ug/l	98
29) Tetrahydrofuran	7.847	42	126042	96.999	ug/l	99
30) Chloroform	7.971	83	139645	18.729	ug/l	98
31) Cyclohexane	8.265	56	113579	17.194	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	128546	18.883	ug/l	95
36) 1,1-Dichloropropene	8.377	75	102139	19.092	ug/l	99
37) Ethyl Acetate	7.571	43	83967	19.590	ug/l	99
38) Carbon Tetrachloride	8.371	117	114277	19.155	ug/l	99
39) Methylcyclohexane	9.606	83	130341	19.951	ug/l	97
40) Benzene	8.612	78	304683	19.047	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	45326	20.174	ug/l	96
42) 1,2-Dichloroethane	8.677	62	105357	19.250	ug/l	100
43) Isopropyl Acetate	8.694	43	136621	19.571	ug/l	99
44) Trichloroethene	9.353	130	85268	18.846	ug/l	100
45) 1,2-Dichloropropane	9.624	63	72727	18.989	ug/l	95
46) Dibromomethane	9.712	93	56943	19.692	ug/l	98
47) Bromodichloromethane	9.894	83	108795	19.399	ug/l	99
48) Methyl methacrylate	9.682	41	65191	19.726	ug/l	98
49) 1,4-Dioxane	9.694	88	29249	419.450	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	413377	100.876	ug/l	99
52) Toluene	10.635	92	204668	19.132	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	108483	20.291	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	118941	19.337	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	79260	19.384	ug/l	99
56) Ethyl methacrylate	10.876	69	113946	21.585	ug/l	98
57) 1,3-Dichloropropane	11.165	76	128645	19.360	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	179337	100.630	ug/l	100
59) 2-Hexanone	11.200	43	302960	102.022	ug/l	100
60) Dibromochloromethane	11.359	129	85777	19.928	ug/l	100
61) 1,2-Dibromoethane	11.471	107	80382	19.694	ug/l	100
64) Tetrachloroethene	11.106	164	89214	18.232	ug/l	98
65) Chlorobenzene	11.894	112	218388	19.040	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	83100	19.473	ug/l	99
67) Ethyl Benzene	11.965	91	391016	19.919	ug/l	100
68) m/p-Xylenes	12.076	106	313022	39.767	ug/l	99
69) o-Xylene	12.400	106	156443	20.238	ug/l	100
70) Styrene	12.412	104	248056	20.098	ug/l	99
71) Bromoform	12.582	173	60908	19.764	ug/l #	98
73) Isopropylbenzene	12.700	105	403457	20.647	ug/l	100
74) N-amyl acetate	12.494	43	117660	20.933	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	109695	19.528	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	97163m	20.557	ug/l	
77) Bromobenzene	12.982	156	95675	20.612	ug/l	98
78) n-propylbenzene	13.041	91	459308	20.832	ug/l	99
79) 2-Chlorotoluene	13.129	91	265891	19.652	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	341214	20.844	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	29785	19.620	ug/l	94
82) 4-Chlorotoluene	13.129	91	265891	19.652	ug/l	99
83) tert-Butylbenzene	13.441	119	312277	21.448	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	341096	20.780	ug/l	100
85) sec-Butylbenzene	13.617	105	426531	21.112	ug/l	100
86) p-Isopropyltoluene	13.729	119	358098	21.555	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	177650	19.289	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	175932	20.141	ug/l	100
89) n-Butylbenzene	14.059	91	284390	21.564	ug/l	98
90) Hexachloroethane	14.335	117	59405	20.718	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	175803	19.165	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	20251	20.739	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	85449	20.080	ug/l	99
94) Hexachlorobutadiene	15.506	225	46496	19.100	ug/l	98
95) Naphthalene	15.647	128	262164	21.080	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	81937	20.100	ug/l	98

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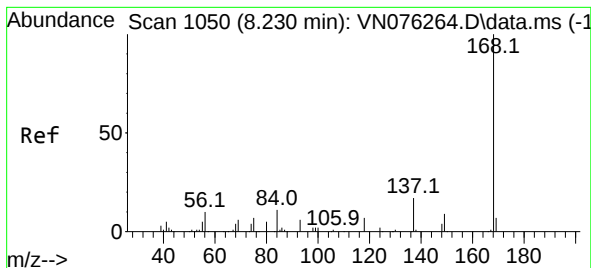
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

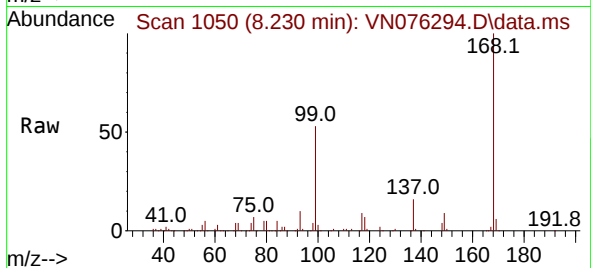
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

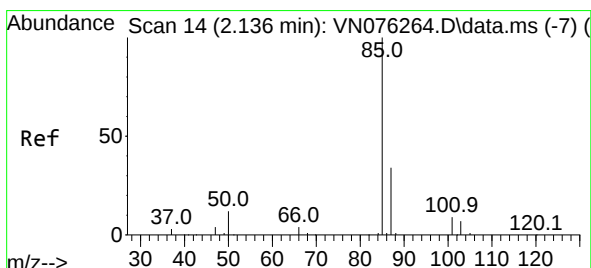
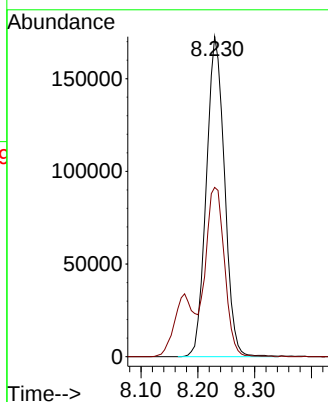
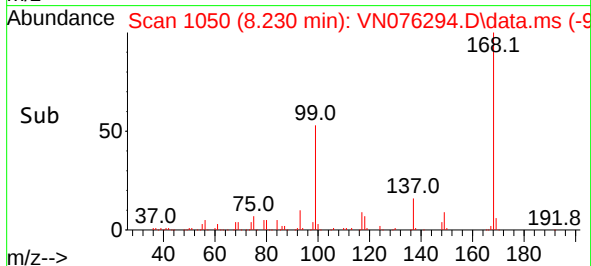
Instrument :
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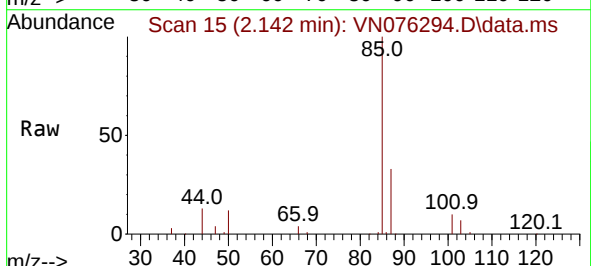
Tgt Ion:168 Resp: 38405
Ion Ratio Lower Upper
168 100
99 52.9 41.6 62.4

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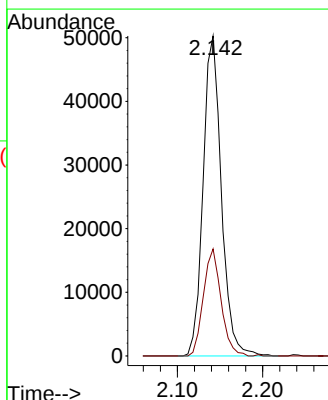
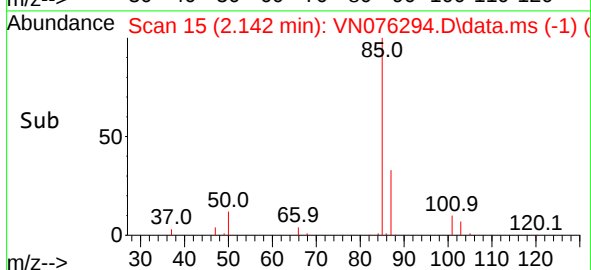
Reviewed By :John Carlone 01/19/2023
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#2
Dichlorodifluoromethane
Concen: 19.014 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23



Tgt Ion: 85 Resp: 74830
Ion Ratio Lower Upper
85 100
87 33.4 17.1 51.2





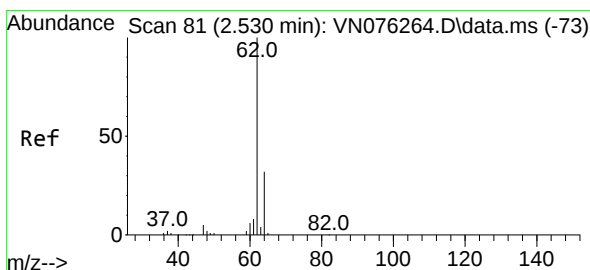
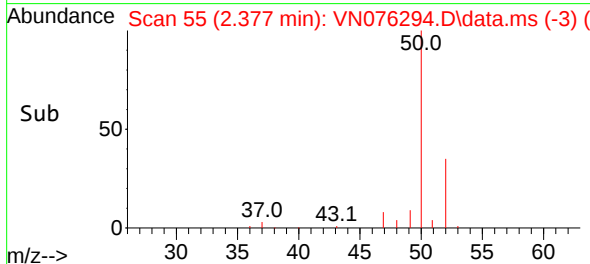
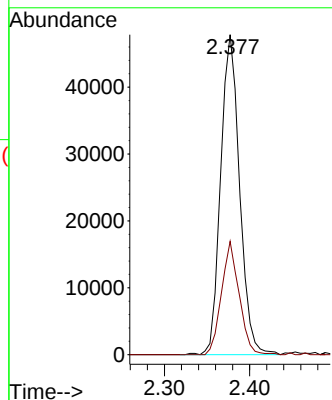
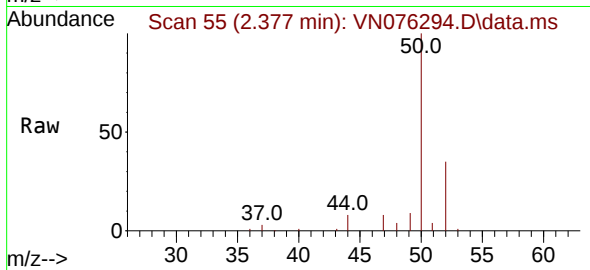
#3
Chloromethane
Concen: 18.125 ug/l
RT: 2.377 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN0118MBS01

Tgt Ion: 50 Resp: 7385
Ion Ratio Lower Upper
50 100
52 35.4 24.8 37.2

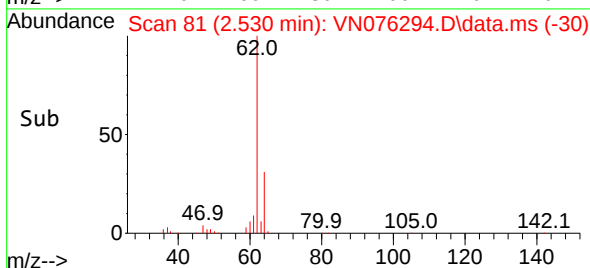
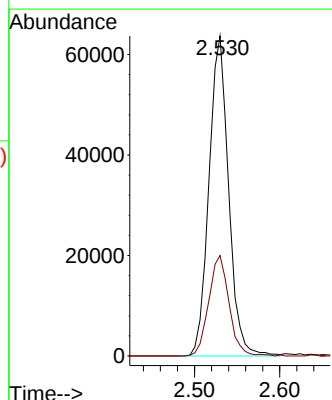
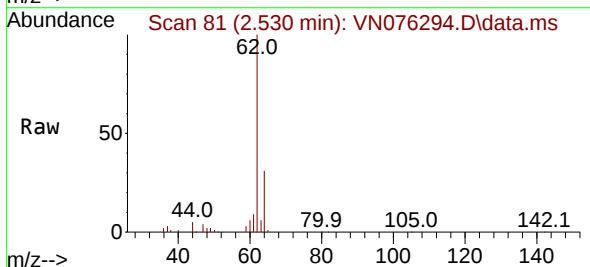
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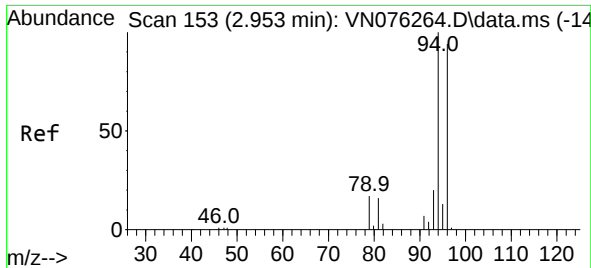
Reviewed By :John Carlone 01/19/2023
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#4
Vinyl Chloride
Concen: 20.392 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

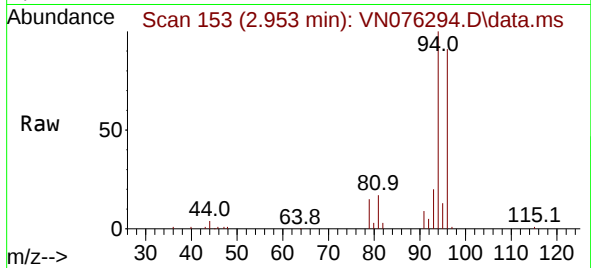
Tgt Ion: 62 Resp: 101886
Ion Ratio Lower Upper
62 100
64 31.4 25.8 38.6





#5
Bromomethane
Concen: 22.773 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

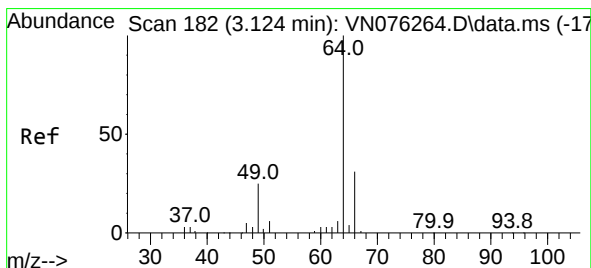
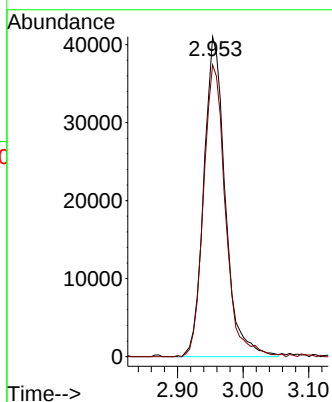
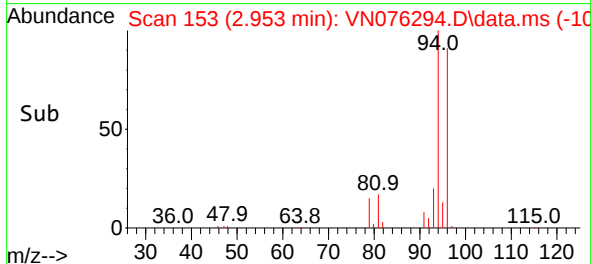
Instrument :
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Tgt Ion: 94 Resp: 9318
Ion Ratio Lower Upper
94 100
96 90.8 75.1 112.7

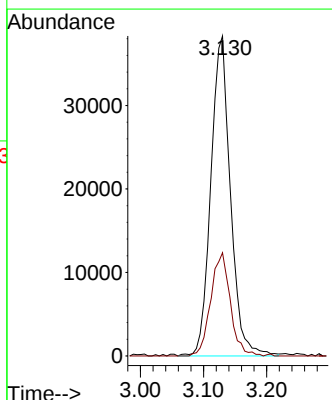
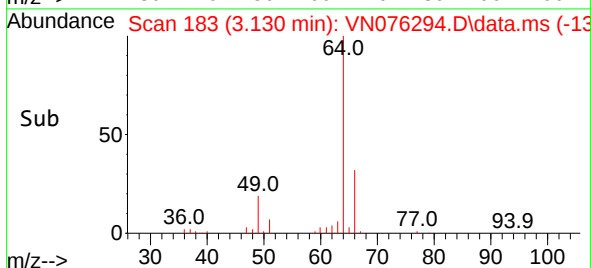
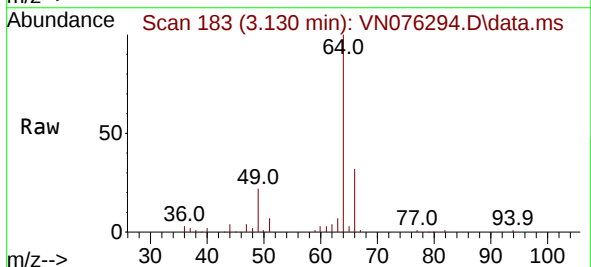
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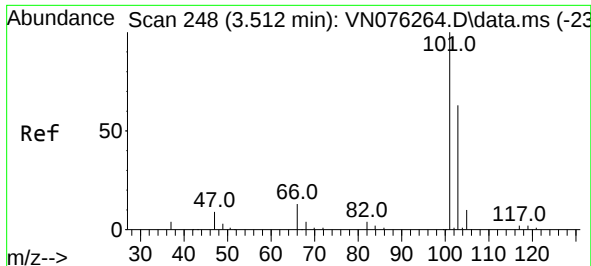
Reviewed By :John Carlone 01/19/2023
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#6
Chloroethane
Concen: 22.037 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.006 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

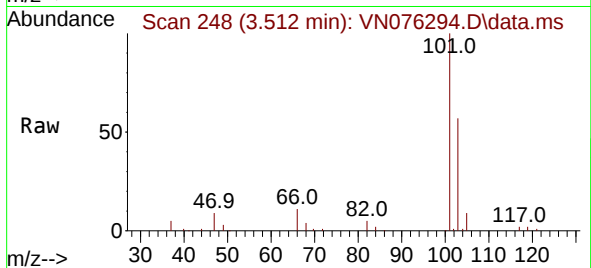
Tgt Ion: 64 Resp: 82564
Ion Ratio Lower Upper
64 100
66 32.3 24.8 37.2





#7
Trichlorofluoromethane
Concen: 18.515 ug/l
RT: 3.512 min Scan# 248
Delta R.T. 0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

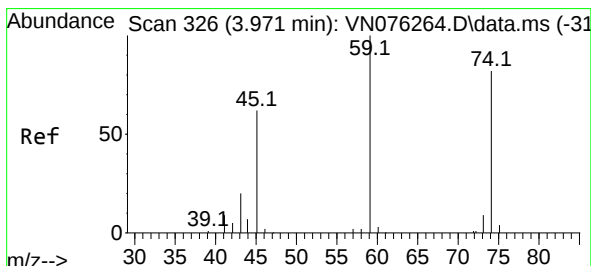
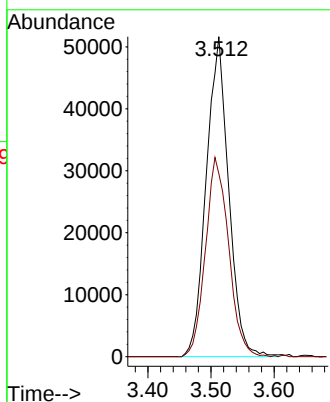
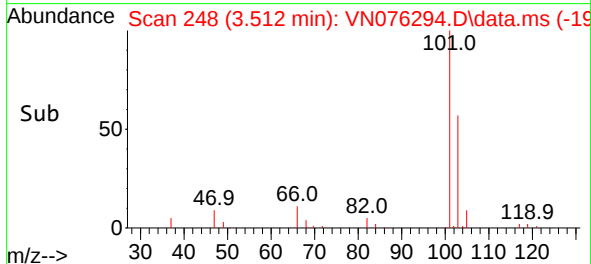
Instrument :
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ClientSampleId :
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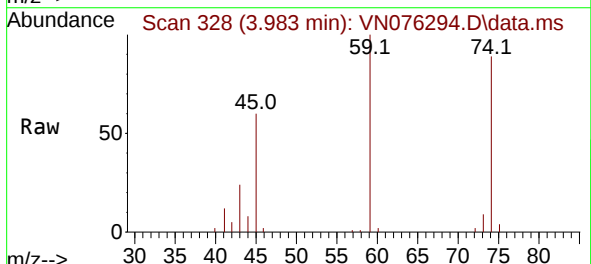
Tgt Ion:101 Resp: 127270
Ion Ratio Lower Upper
101 100
103 57.2 50.2 75.4

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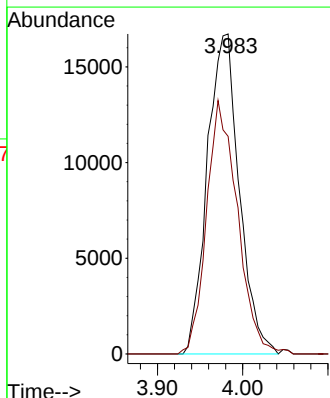
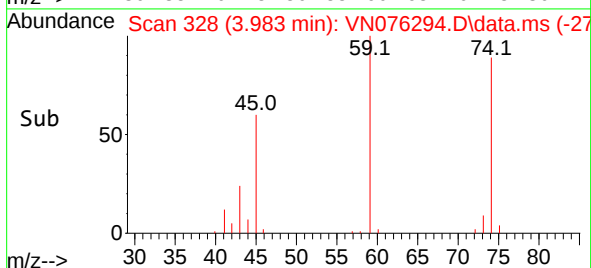
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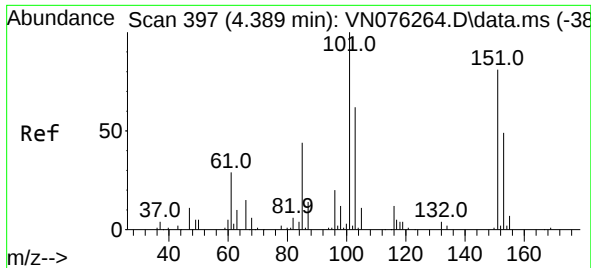


#8
Diethyl Ether
Concen: 18.916 ug/l
RT: 3.983 min Scan# 328
Delta R.T. 0.012 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23



Tgt Ion: 74 Resp: 43612
Ion Ratio Lower Upper
74 100
45 76.5 37.8 113.3





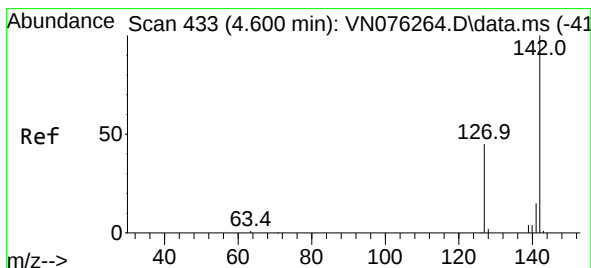
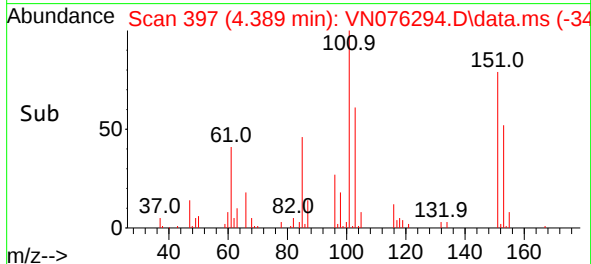
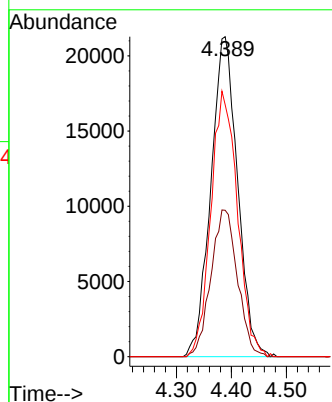
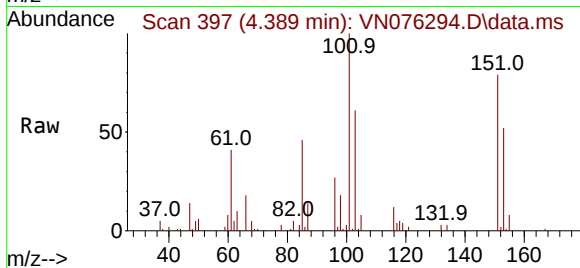
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.481 ug/l
RT: 4.389 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN0118MBS01

Tgt Ion:101 Resp: 71918
Ion Ratio Lower Upper
101 100
85 45.5 35.5 53.3
151 82.4 65.5 98.3

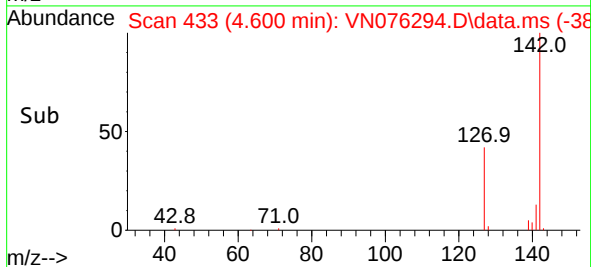
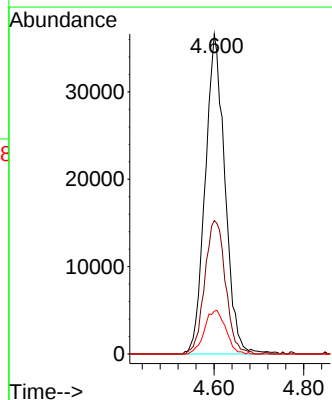
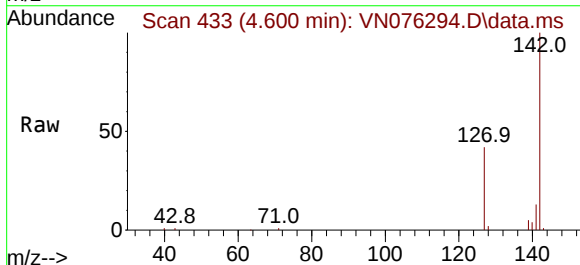
Manual Integrations
APPROVED

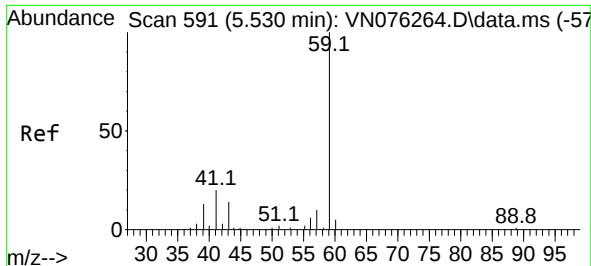
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#10
Methyl Iodide
Concen: 18.783 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

Tgt Ion:142 Resp: 111649
Ion Ratio Lower Upper
142 100
127 43.9 35.0 52.4
141 14.7 11.5 17.3





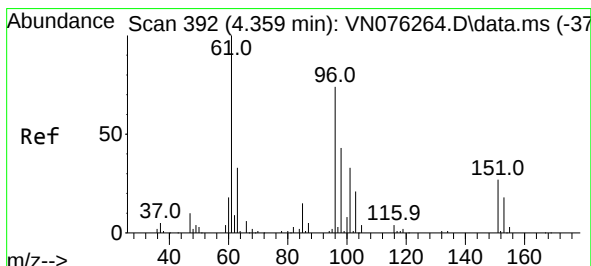
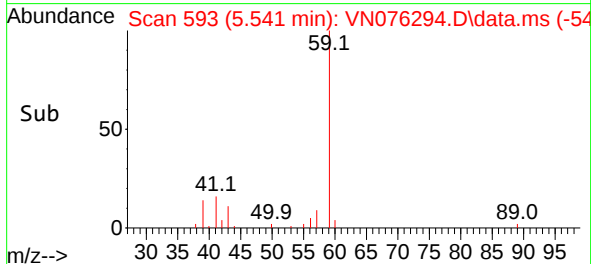
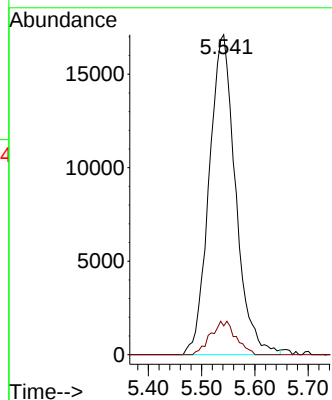
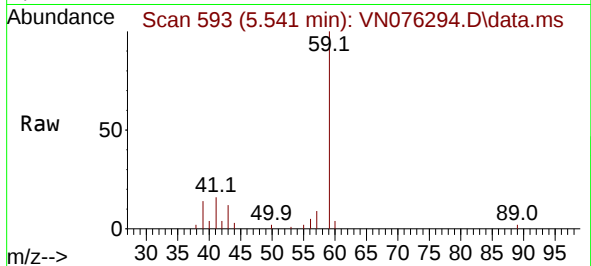
#11
Tert butyl alcohol
Concen: 102.565 ug/l
RT: 5.541 min Scan# 591
Delta R.T. 0.011 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN0118MBS01

Tgt Ion: 59 Resp: 5899
Ion Ratio Lower Upper
59 100
57 10.0 8.5 12.7

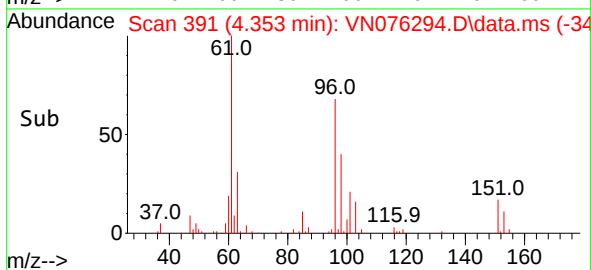
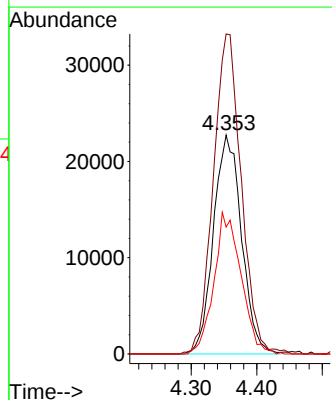
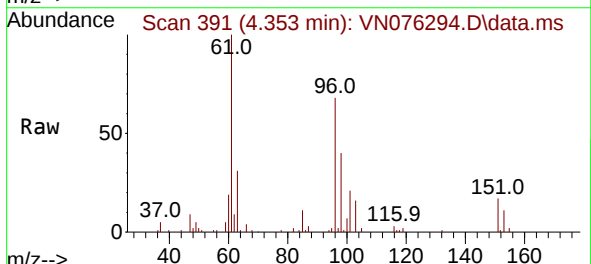
Manual Integrations
APPROVED

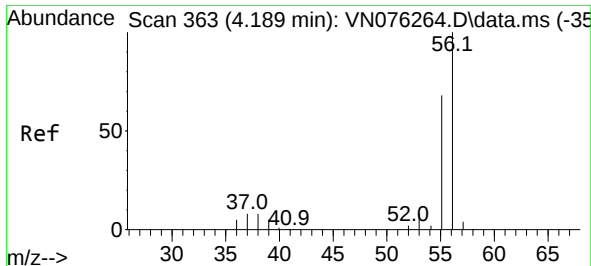
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#12
1,1-Dichloroethene
Concen: 18.340 ug/l
RT: 4.353 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

Tgt Ion: 96 Resp: 67464
Ion Ratio Lower Upper
96 100
61 146.1 108.2 162.4
98 57.9 47.0 70.6





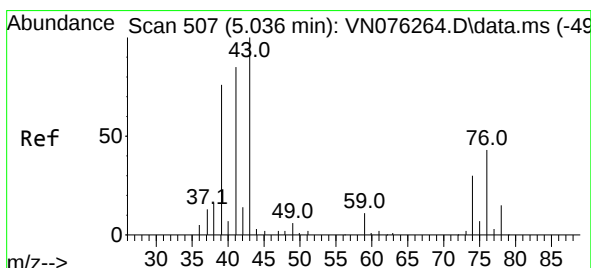
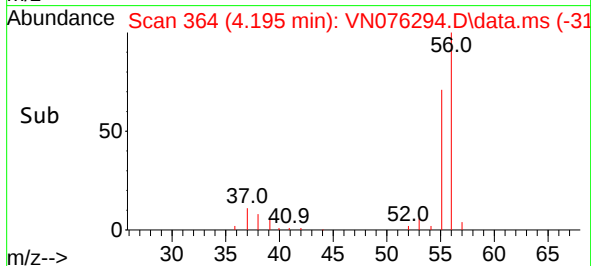
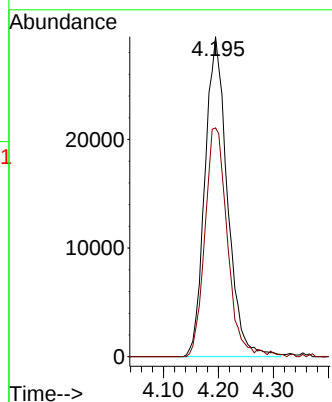
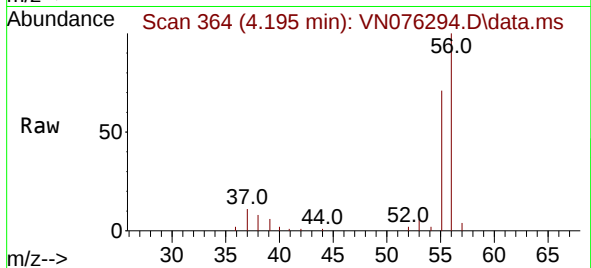
#13
Acrolein
Concen: 121.527 ug/l
RT: 4.195 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN0118MBS01

Tgt Ion: 56 Resp: 8359
Ion Ratio Lower Upper
56 100
55 70.6 55.8 83.6

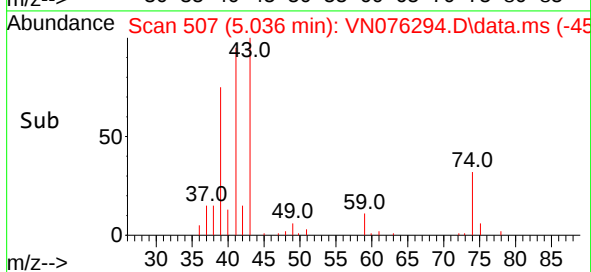
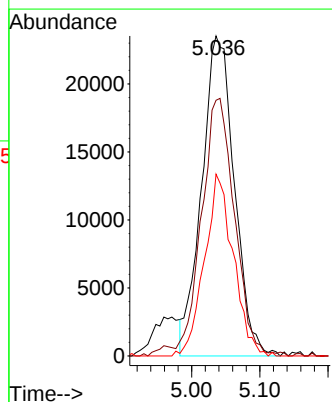
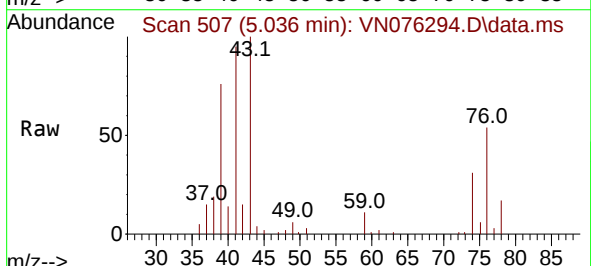
Manual Integrations
APPROVED

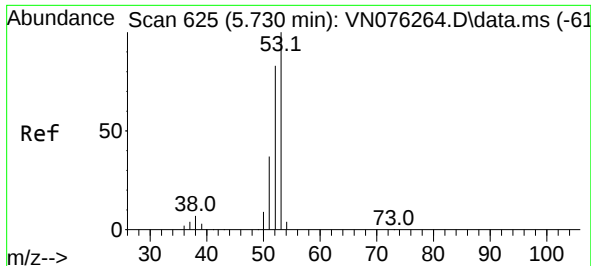
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#14
Allyl chloride
Concen: 18.290 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

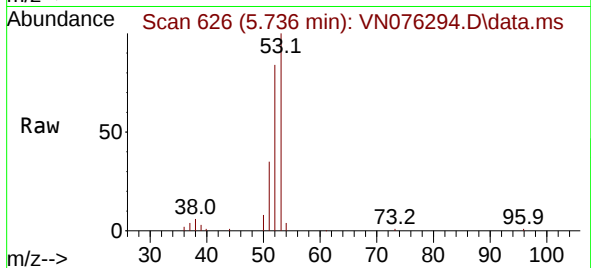
Tgt Ion: 41 Resp: 78404
Ion Ratio Lower Upper
41 100
39 81.0 67.4 101.0
76 50.3 39.8 59.8





#15
Acrylonitrile
Concen: 93.238 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

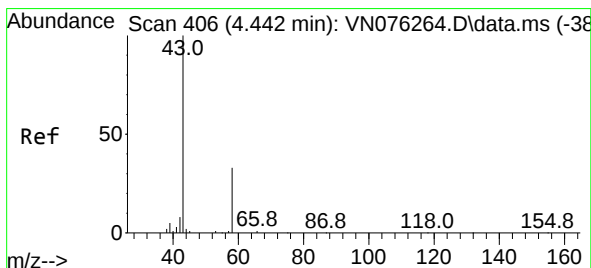
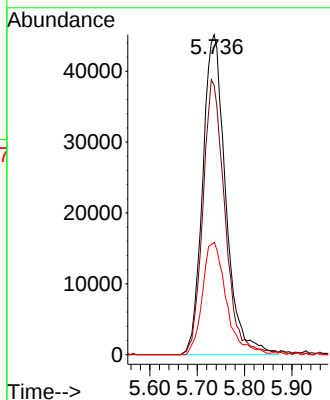
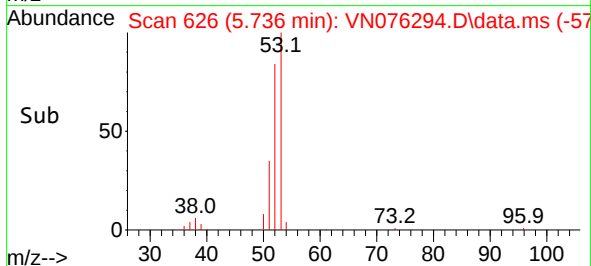
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBS01



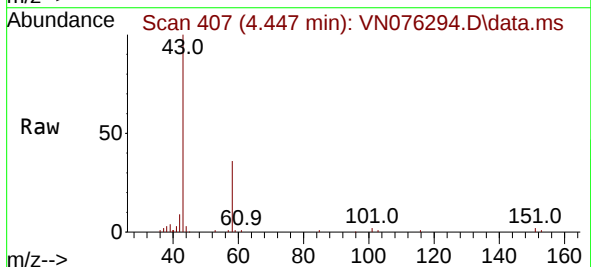
Tgt Ion: 53 Resp: 152609
Ion Ratio Lower Upper
53 100
52 82.7 64.7 97.1
51 36.5 29.2 43.8

Manual Integrations
APPROVED

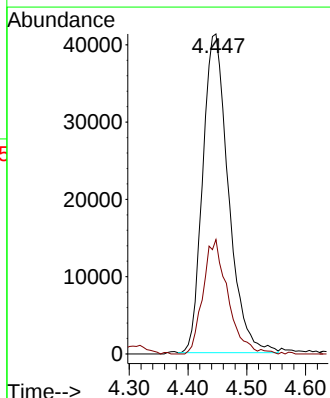
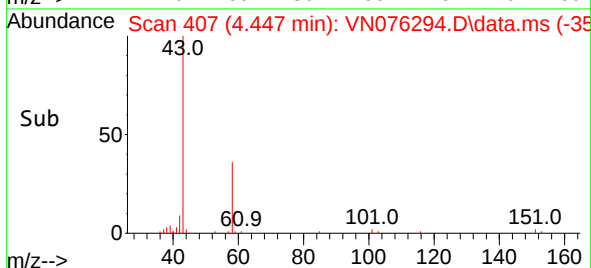
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

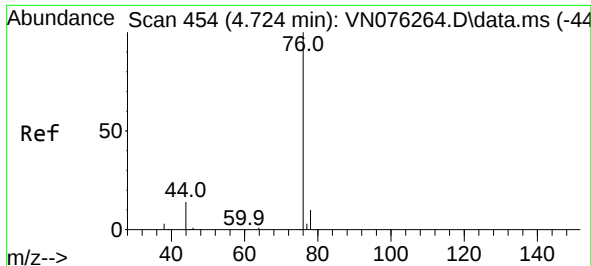


#16
Acetone
Concen: 90.900 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.005 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23



Tgt Ion: 43 Resp: 125371
Ion Ratio Lower Upper
43 100
58 35.9 26.7 40.1





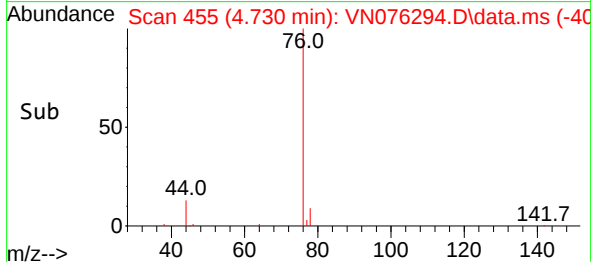
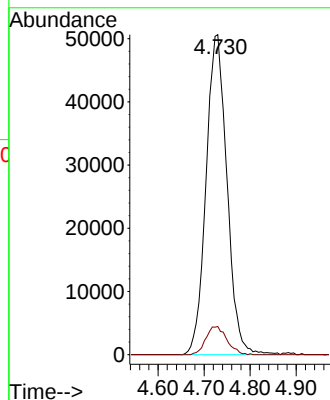
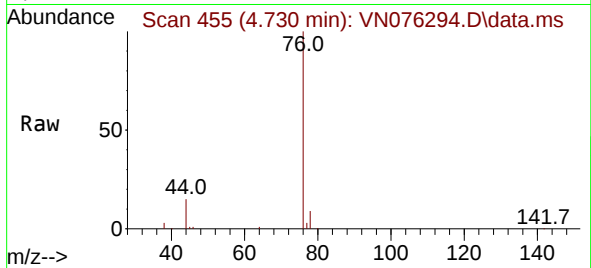
#17
Carbon Disulfide
Concen: 17.460 ug/l
RT: 4.730 min Scan# 455
Delta R.T. 0.006 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN0118MBS01

Tgt Ion: 76 Resp: 159920
Ion Ratio Lower Upper
76 100
78 8.8 8.0 12.0

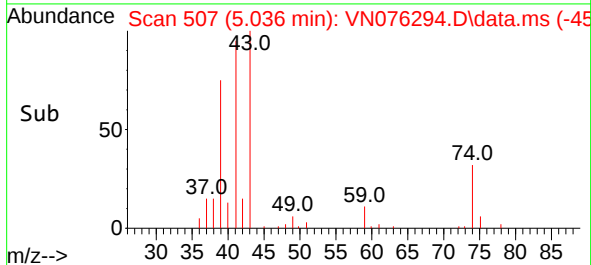
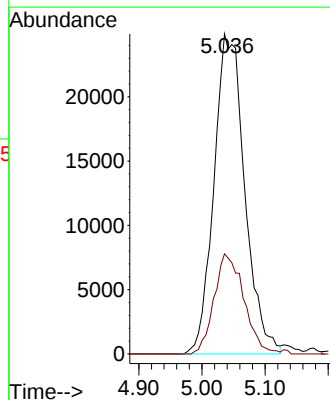
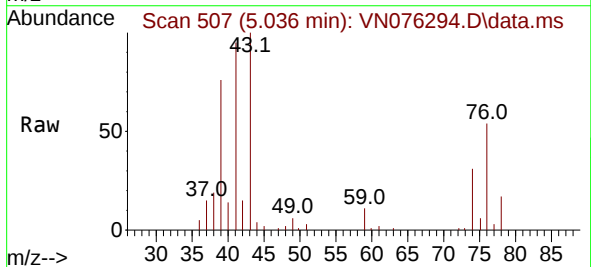
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#18
Methyl Acetate
Concen: 18.009 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

Tgt Ion: 43 Resp: 84135
Ion Ratio Lower Upper
43 100
74 30.3 23.3 34.9





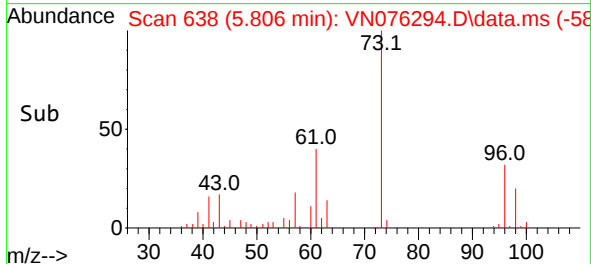
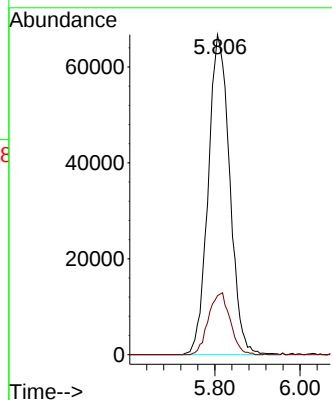
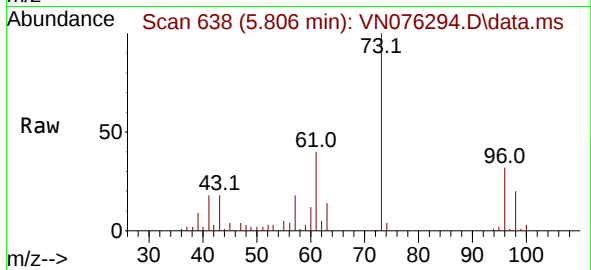
#19
Methyl tert-butyl Ether
Concen: 19.533 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN0118MBS01

Tgt Ion: 73 Resp: 23392
Ion Ratio Lower Upper
73 100
57 18.5 15.9 23.9

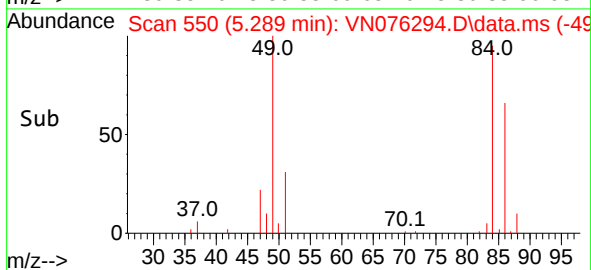
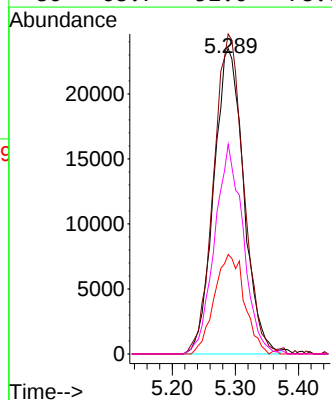
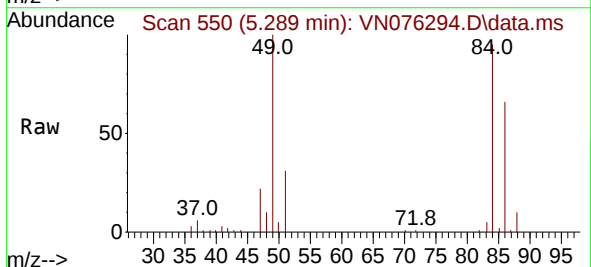
Manual Integrations
APPROVED

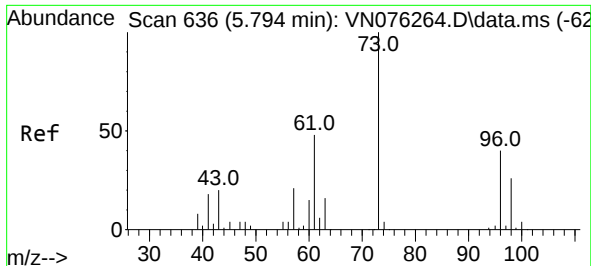
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#20
Methylene Chloride
Concen: 18.503 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

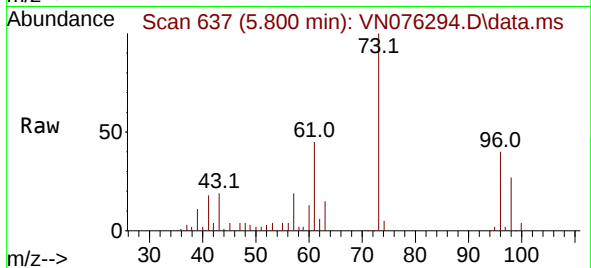
Tgt Ion: 84 Resp: 77024
Ion Ratio Lower Upper
84 100
49 104.8 84.5 126.7
51 32.6 26.0 39.0
86 68.7 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 18.165 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

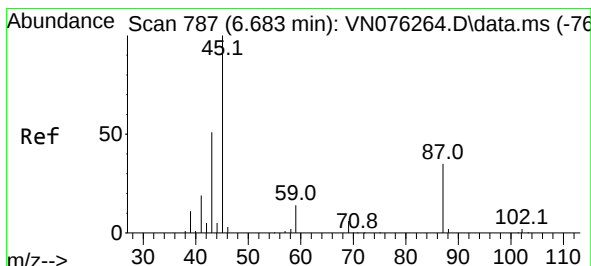
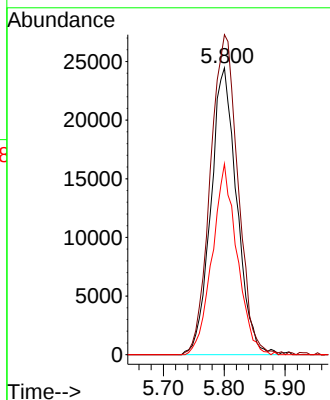
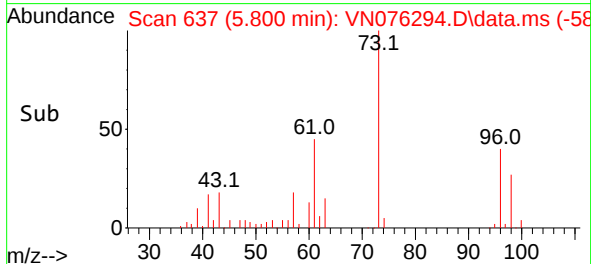
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBS01



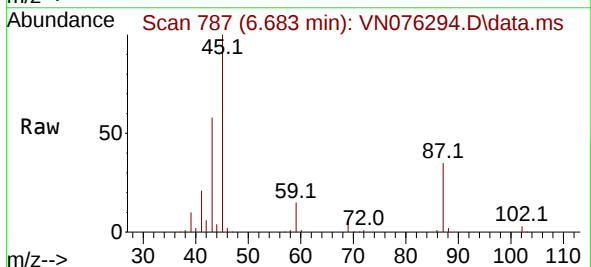
Tgt Ion: 96 Resp: 72388
Ion Ratio Lower Upper
96 100
61 111.6 97.0 145.4
98 66.5 51.9 77.9

Manual Integrations
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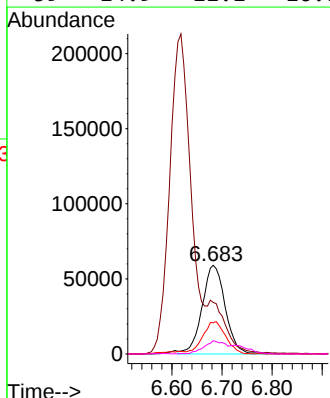
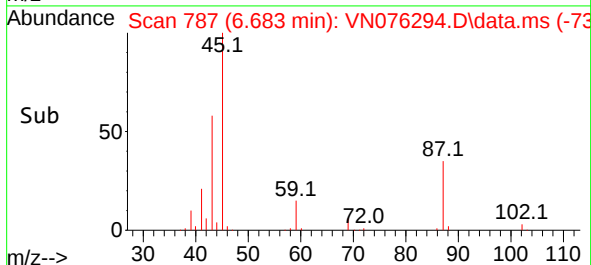
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#22
Diisopropyl ether
Concen: 18.659 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23



Tgt Ion: 45 Resp: 188625
Ion Ratio Lower Upper
45 100
43 57.2 44.4 66.6
87 35.2 28.4 42.6
59 14.9 11.1 16.7





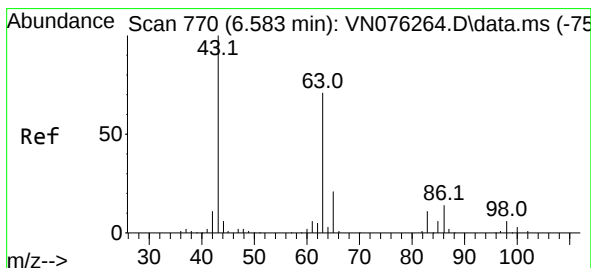
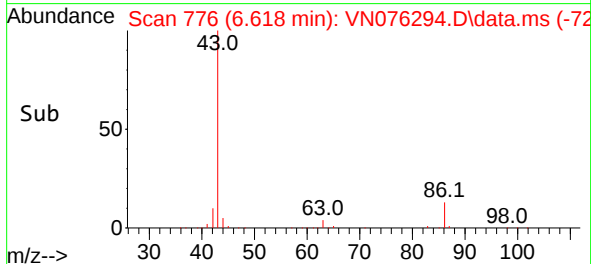
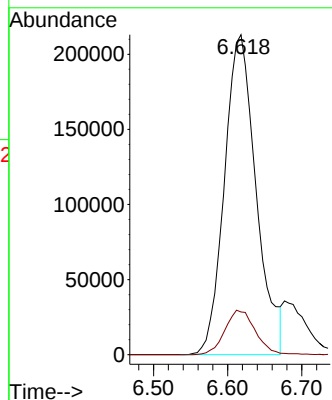
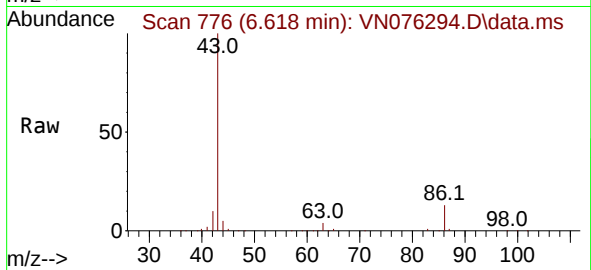
#23
 Vinyl Acetate
 Concen: 97.001 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN076294.D
 Acq: 18 Jan 2023 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0118MBS01

Tgt Ion: 43 Resp: 633758
 Ion Ratio Lower Upper
 43 100
 86 13.4 11.2 16.8

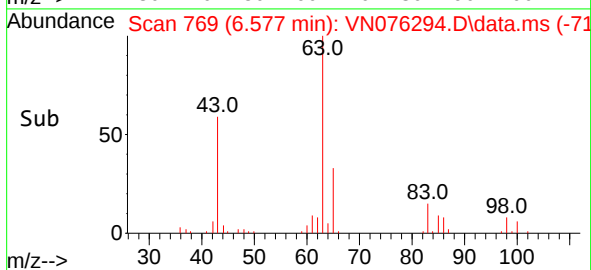
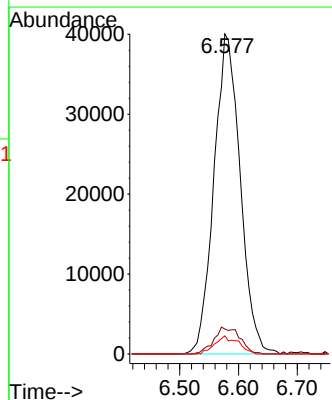
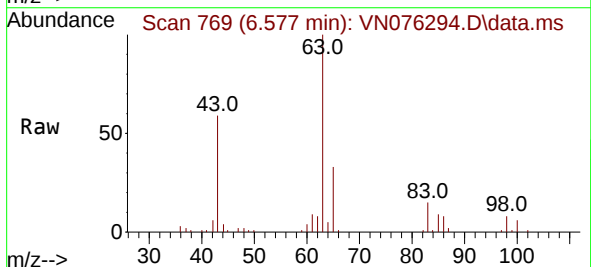
Manual Integrations
 APPROVED

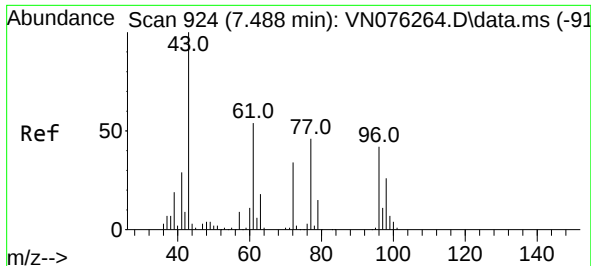
Reviewed By :John Carlone 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023



#24
 1,1-Dichloroethane
 Concen: 18.381 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VN076294.D
 Acq: 18 Jan 2023 13:23

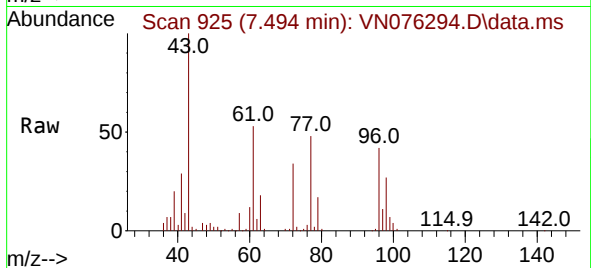
Tgt Ion: 63 Resp: 123864
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 5.7 2.2 6.6





#25
2-Butanone
Concen: 91.679 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

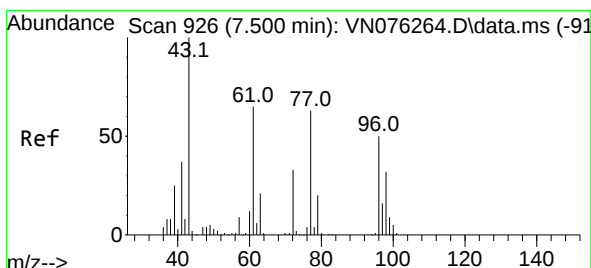
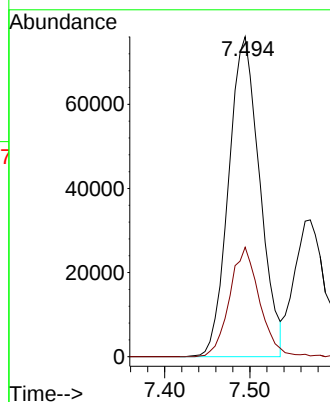
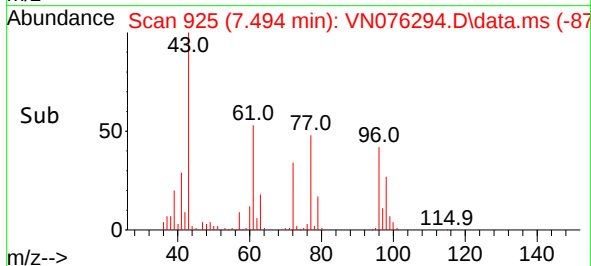
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBS01



Tgt Ion: 43 Resp: 193020
Ion Ratio Lower Upper
43 100
72 34.2 27.4 41.2

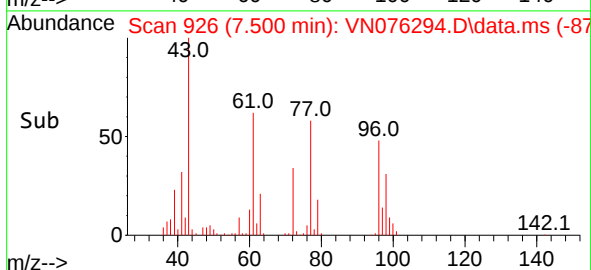
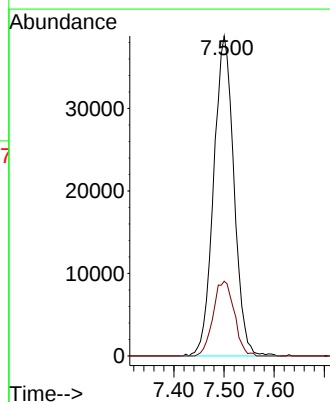
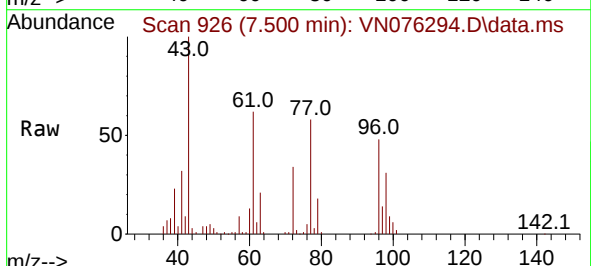
Manual Integrations
APPROVED

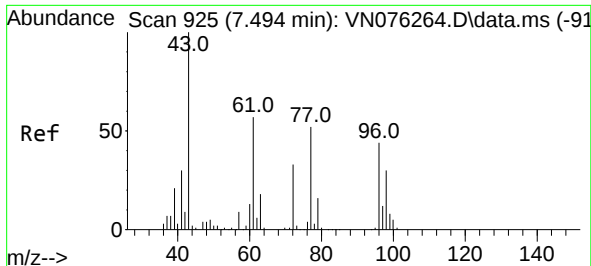
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#26
2,2-Dichloropropane
Concen: 19.186 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

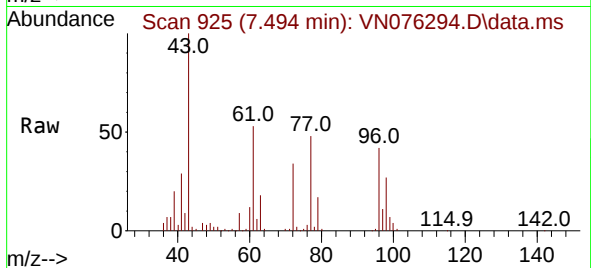
Tgt Ion: 77 Resp: 108968
Ion Ratio Lower Upper
77 100
97 24.4 11.8 35.4





#27
cis-1,2-Dichloroethene
Concen: 18.635 ug/l
RT: 7.494 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

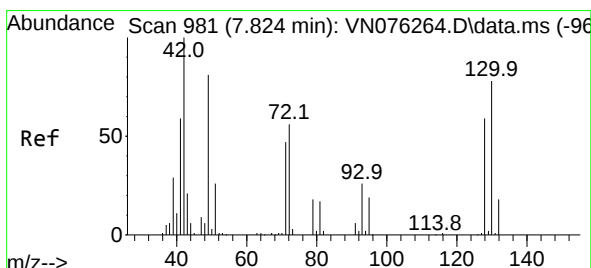
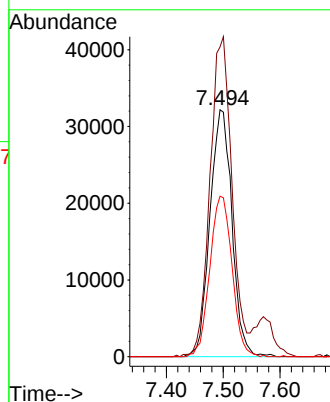
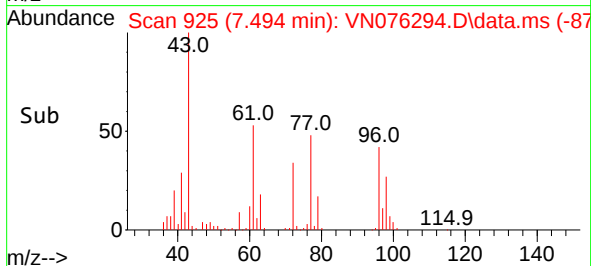
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBS01



Tgt Ion: 96 Resp: 8661
Ion Ratio Lower Upper
96 100
61 129.6 0.0 259.6
98 65.6 0.0 129.4

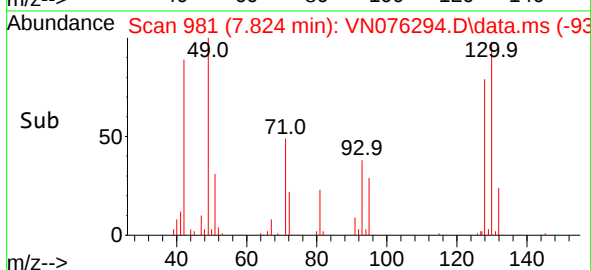
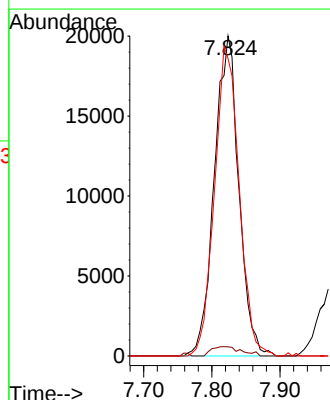
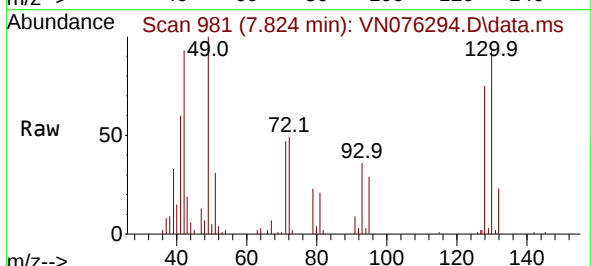
Manual Integrations
APPROVED

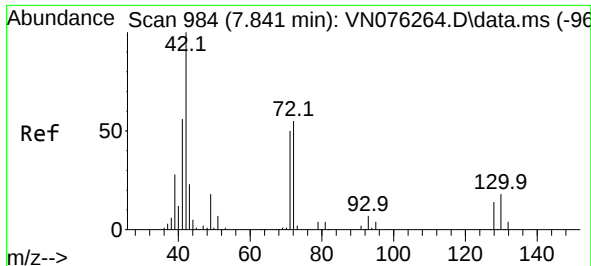
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#28
Bromochloromethane
Concen: 18.304 ug/l
RT: 7.824 min Scan# 981
Delta R.T. -0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

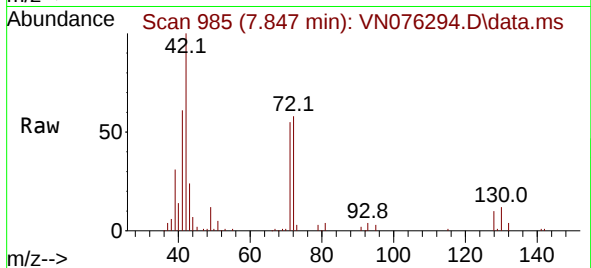
Tgt Ion: 49 Resp: 49994
Ion Ratio Lower Upper
49 100
129 3.6 0.0 5.2
130 97.4 76.0 114.0





#29
Tetrahydrofuran
Concen: 96.999 ug/l
RT: 7.847 min Scan# 984
Delta R.T. 0.006 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

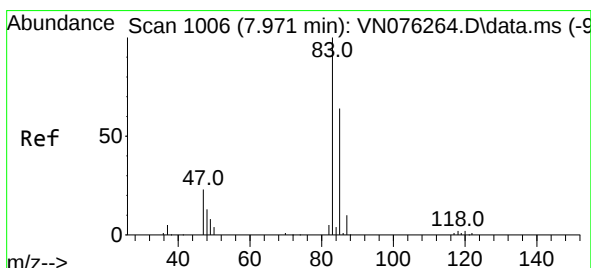
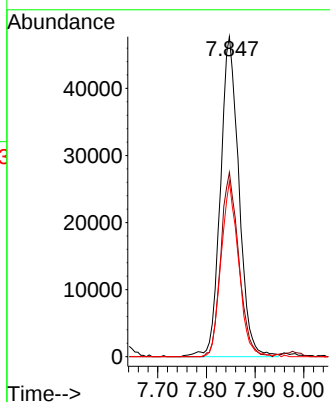
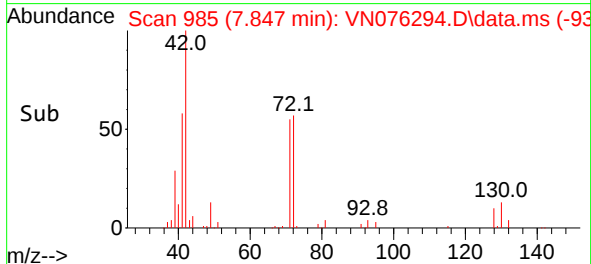
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBS01



Tgt Ion: 42 Resp: 126042
Ion Ratio Lower Upper
42 100
72 56.0 44.0 66.0
71 51.9 41.1 61.7

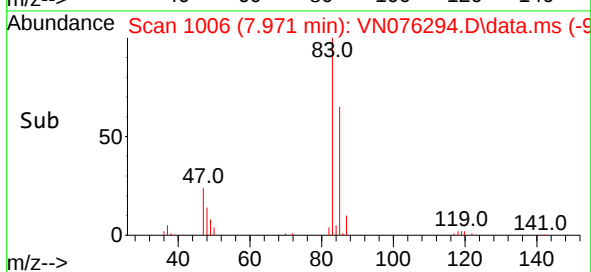
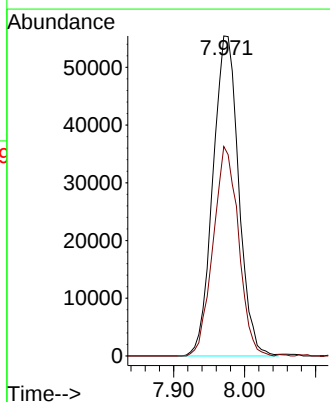
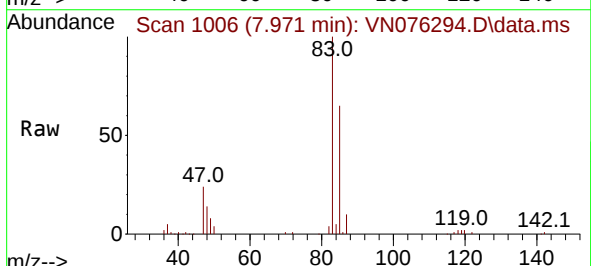
Manual Integrations
APPROVED

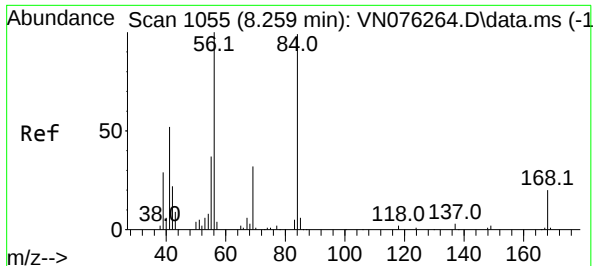
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#30
Chloroform
Concen: 18.729 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

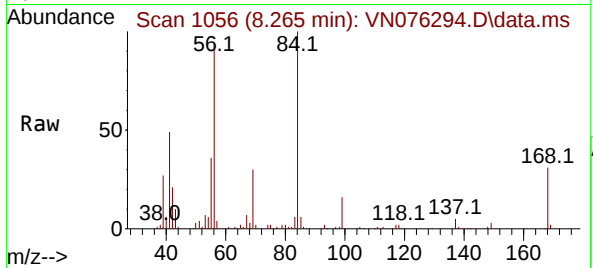
Tgt Ion: 83 Resp: 139645
Ion Ratio Lower Upper
83 100
85 65.4 51.0 76.6





#31
Cyclohexane
Concen: 17.194 ug/l
RT: 8.265 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

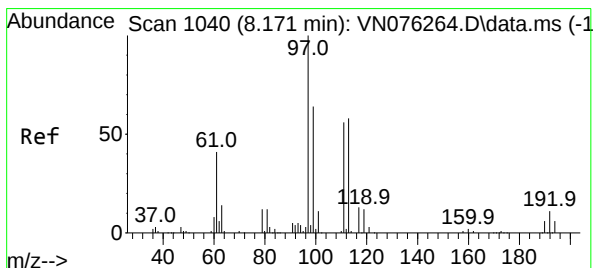
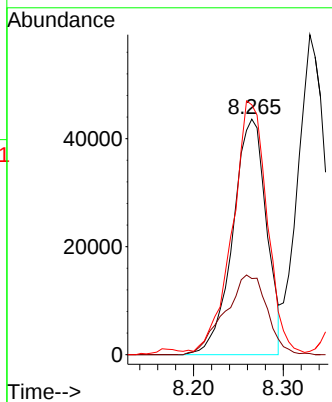
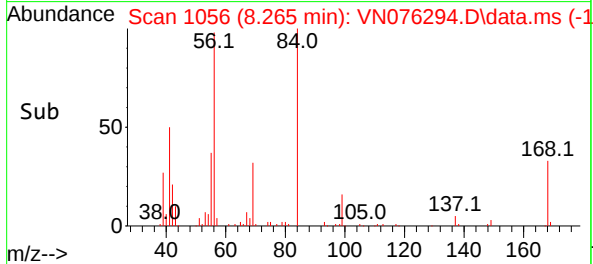
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBS01



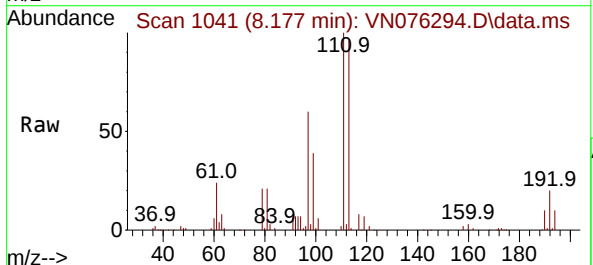
Tgt Ion: 56 Resp: 113579
Ion Ratio Lower Upper
56 100
69 31.6 25.8 38.8
84 104.5 79.0 118.4

Manual Integrations
APPROVED

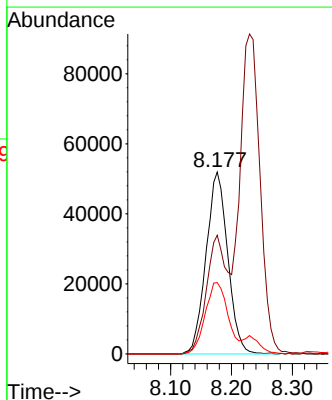
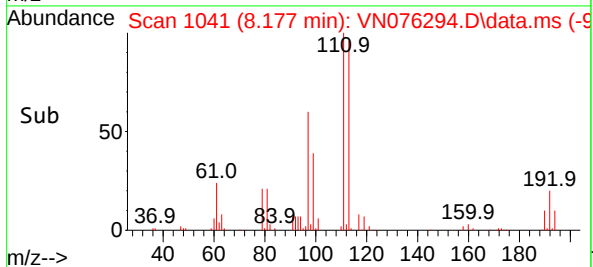
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

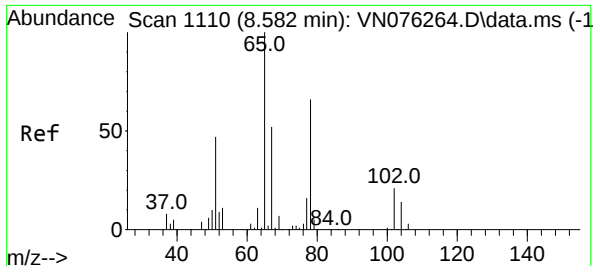


#32
1,1,1-Trichloroethane
Concen: 18.883 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23



Tgt Ion: 97 Resp: 128546
Ion Ratio Lower Upper
97 100
99 64.9 55.0 82.4
61 41.0 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 51.500 ug/l

RT: 8.588 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VN076294.D

Acq: 18 Jan 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0118MBS01

Tgt Ion: 65 Resp: 221460

Ion Ratio Lower Upper

65 100

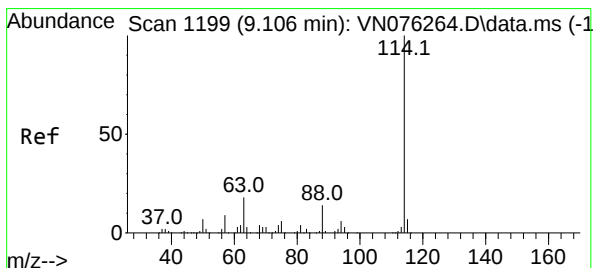
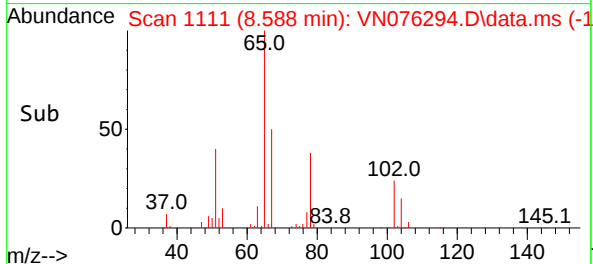
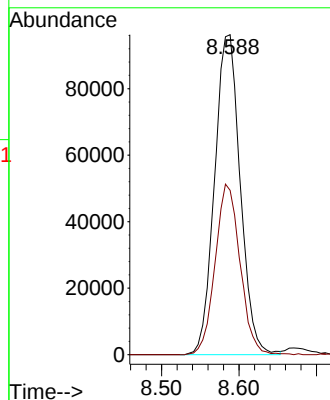
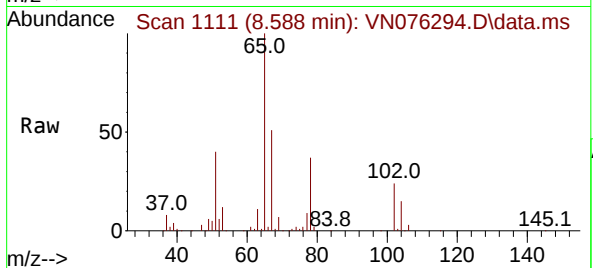
67 51.7 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076294.D

Acq: 18 Jan 2023 13:23

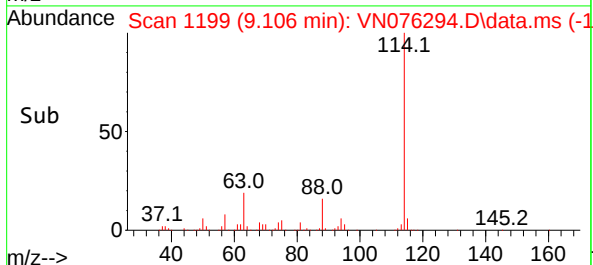
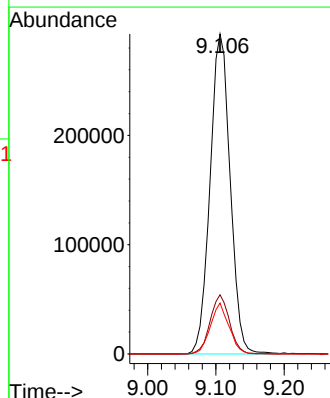
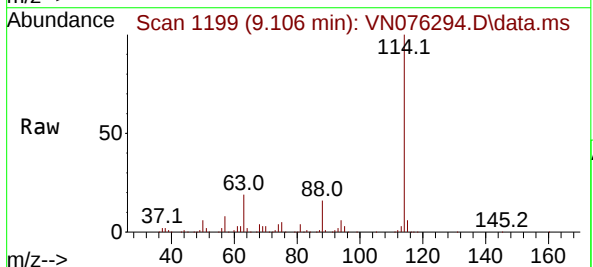
Tgt Ion:114 Resp: 601855

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.8

88 15.9 0.0 28.0





#35

Dibromofluoromethane

Concen: 53.460 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076294.D

Acq: 18 Jan 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0118MBS01

Tgt Ion:113 Resp: 201268

Ion Ratio Lower Upper

113 100

111 102.5 82.7 124.1

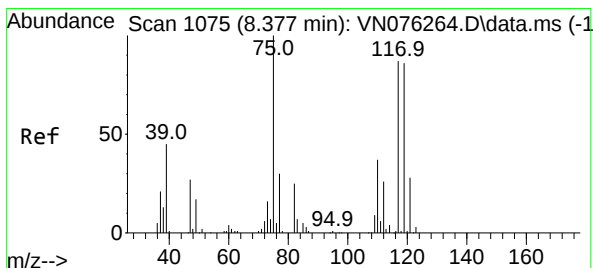
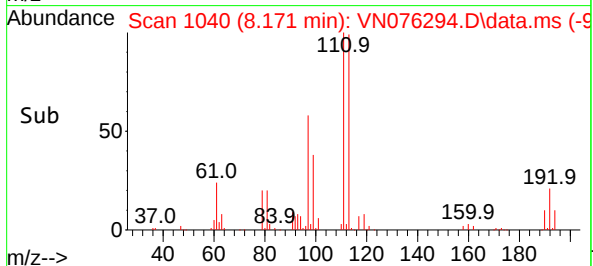
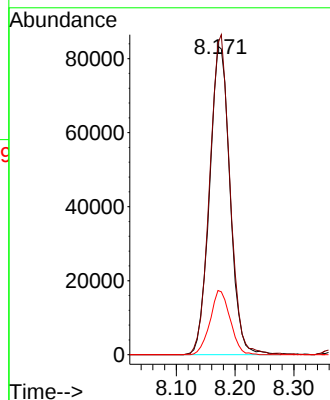
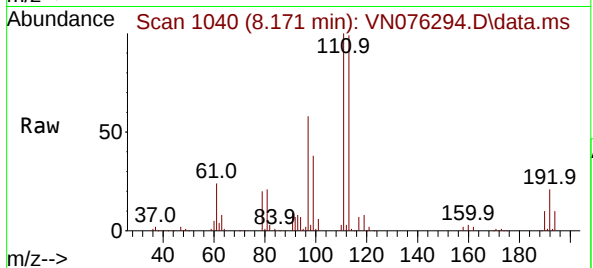
192 20.4 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#36

1,1-Dichloropropene

Concen: 19.092 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN076294.D

Acq: 18 Jan 2023 13:23

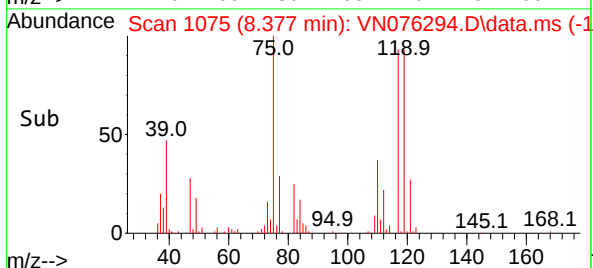
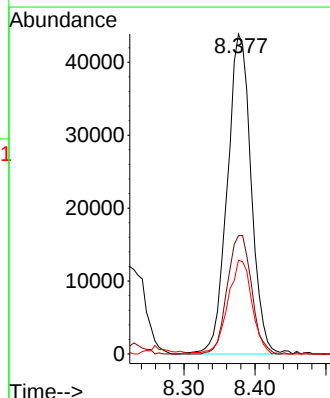
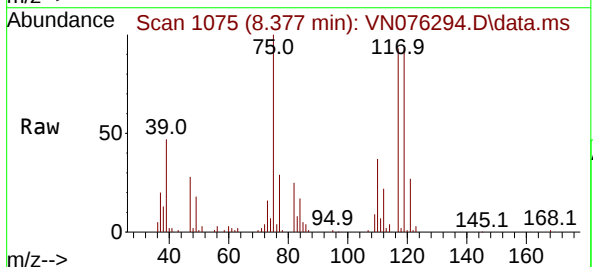
Tgt Ion: 75 Resp: 102139

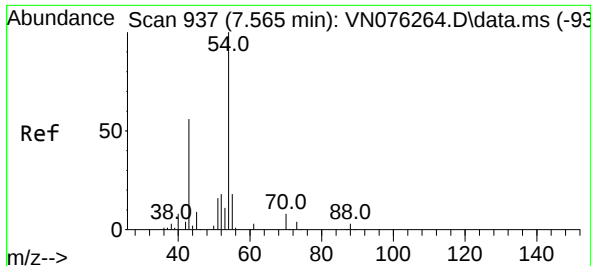
Ion Ratio Lower Upper

75 100

110 37.7 18.8 56.3

77 29.9 25.0 37.4





#37

Ethyl Acetate

Concen: 19.590 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076294.D

Acq: 18 Jan 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0118MBS01

Tgt Ion: 43 Resp: 8396

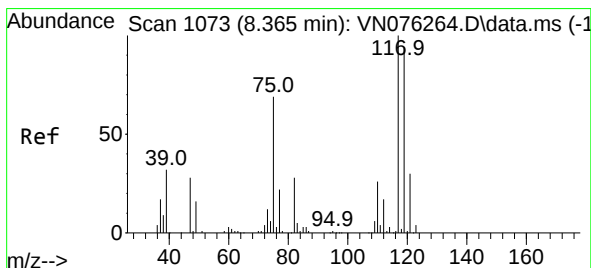
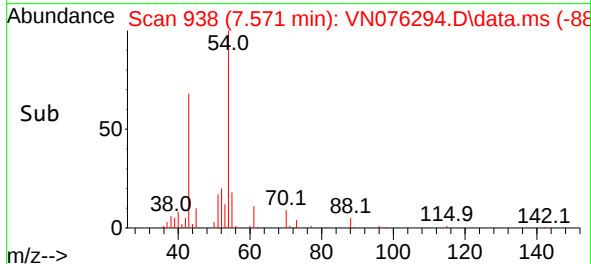
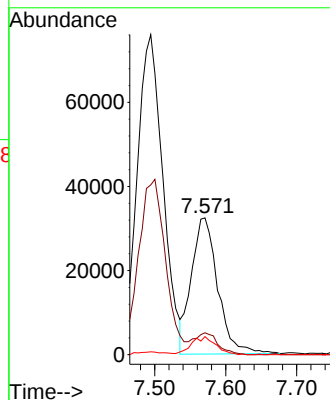
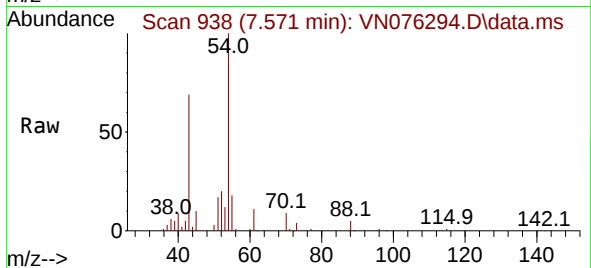
Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.1	16.7
70	12.2	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#38

Carbon Tetrachloride

Concen: 19.155 ug/l

RT: 8.371 min Scan# 1074

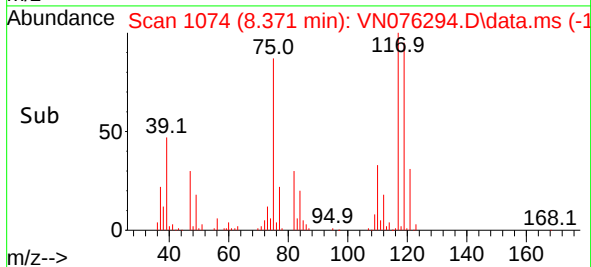
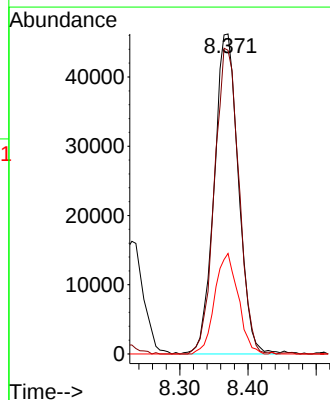
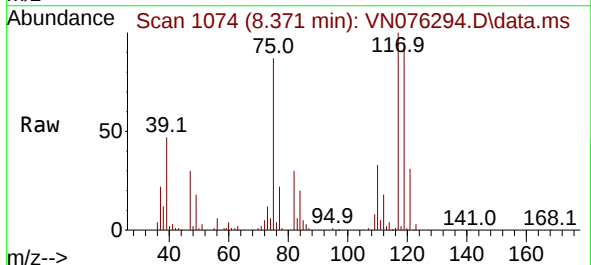
Delta R.T. 0.006 min

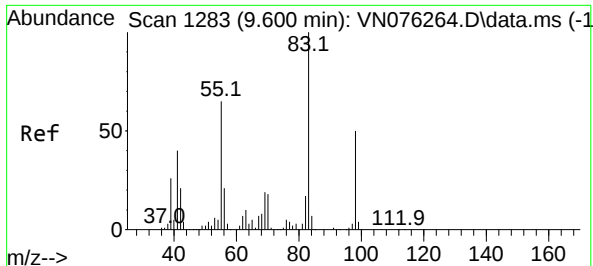
Lab File: VN076294.D

Acq: 18 Jan 2023 13:23

Tgt Ion:117 Resp: 114277

Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.4	113.0
121	31.4	24.2	36.2





#39

Methylcyclohexane

Concen: 19.951 ug/l

RT: 9.606 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN076294.D

Acq: 18 Jan 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0118MBS01

Tgt Ion: 83 Resp: 13034

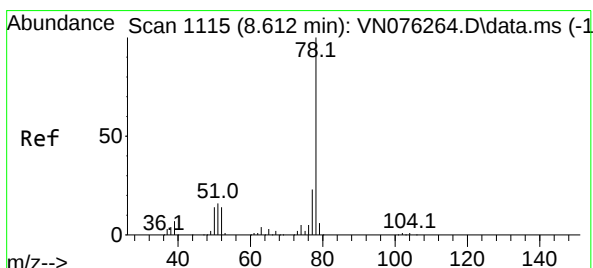
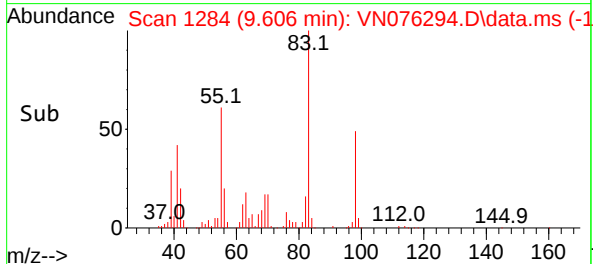
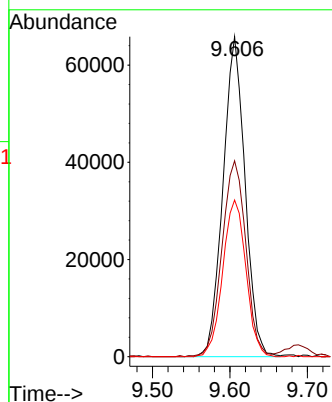
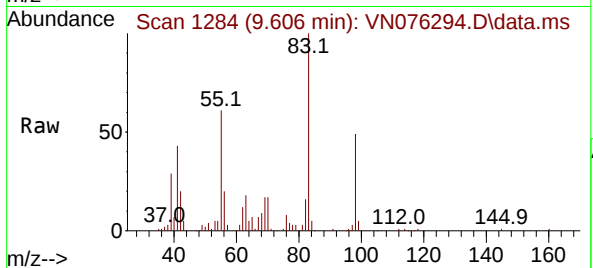
Ion	Ratio	Lower	Upper
83	100		
55	60.9	51.7	77.5
98	49.0	40.0	60.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#40

Benzene

Concen: 19.047 ug/l

RT: 8.612 min Scan# 1115

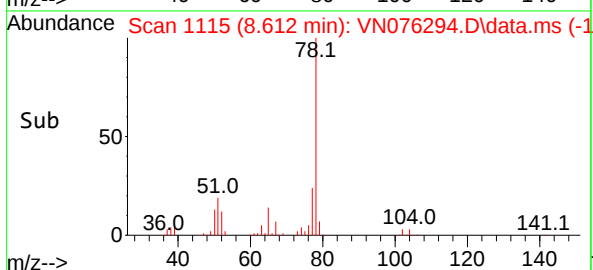
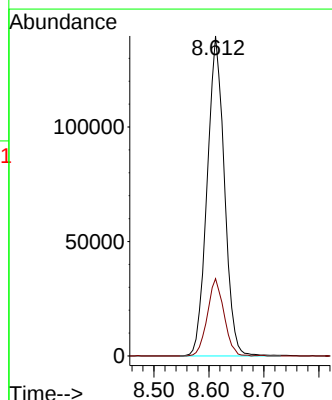
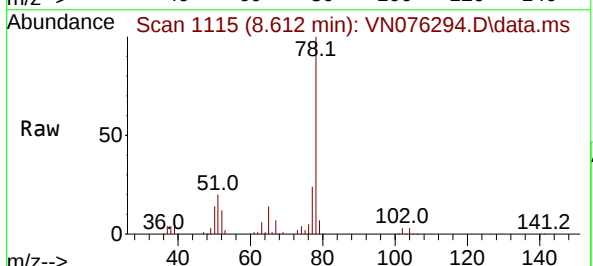
Delta R.T. -0.000 min

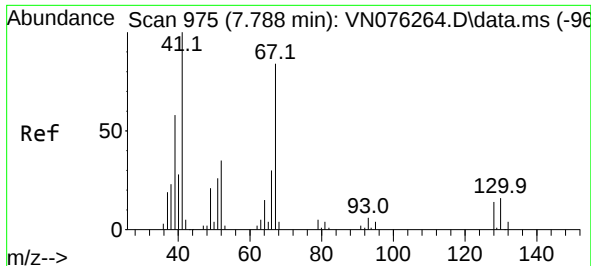
Lab File: VN076294.D

Acq: 18 Jan 2023 13:23

Tgt Ion: 78 Resp: 304683

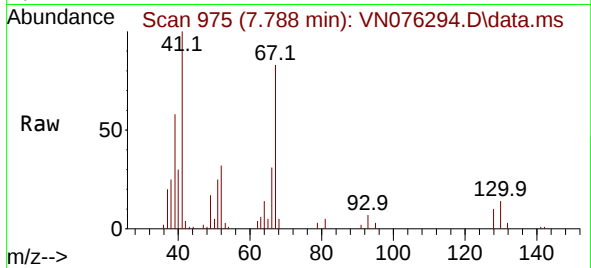
Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.6	28.0





#41
Methacrylonitrile
Concen: 20.174 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

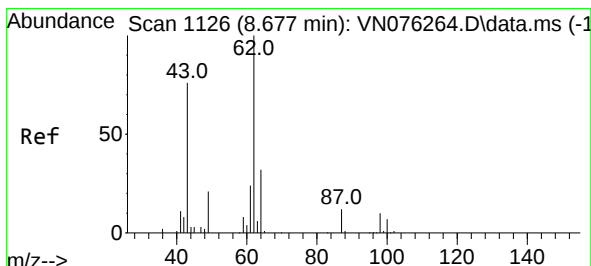
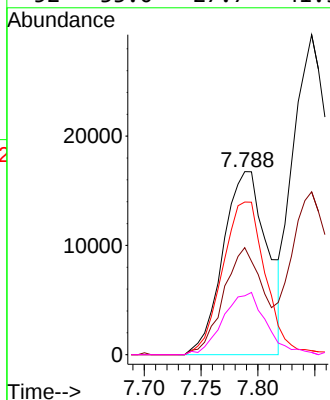
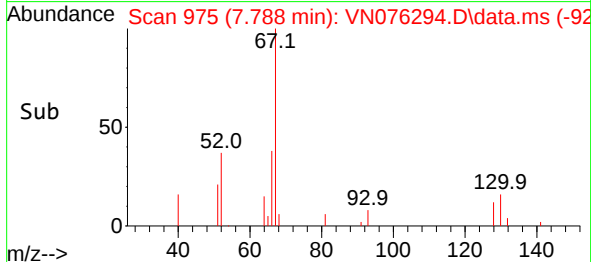
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBS01



Tgt Ion: 41 Resp: 45320
Ion Ratio Lower Upper
41 100
39 51.6 42.4 63.6
67 81.4 68.8 103.2
52 33.0 27.7 41.5

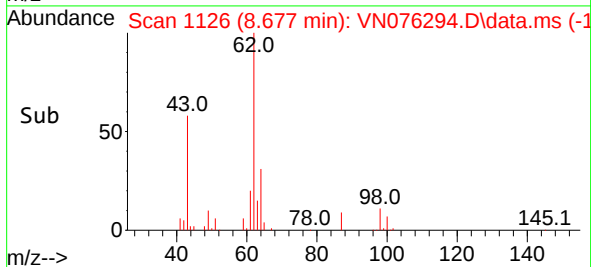
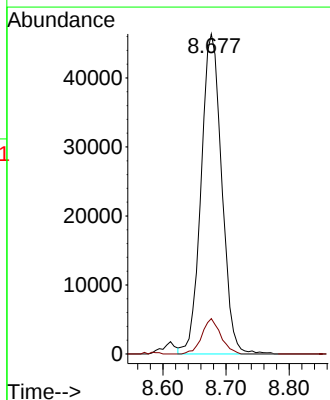
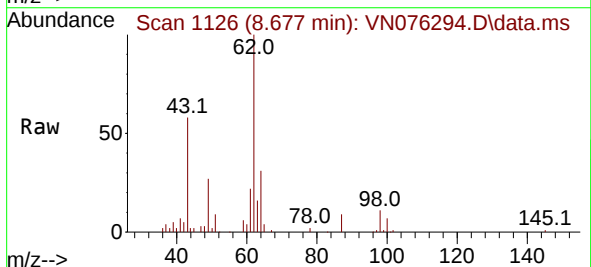
Manual Integrations
APPROVED

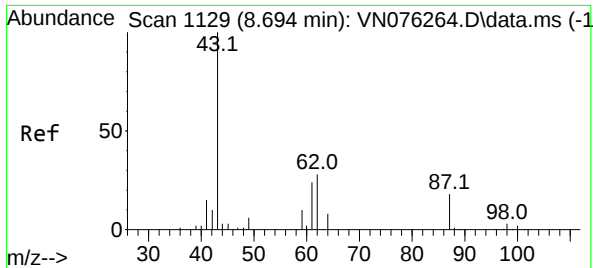
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#42
1,2-Dichloroethane
Concen: 19.250 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

Tgt Ion: 62 Resp: 105357
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.4





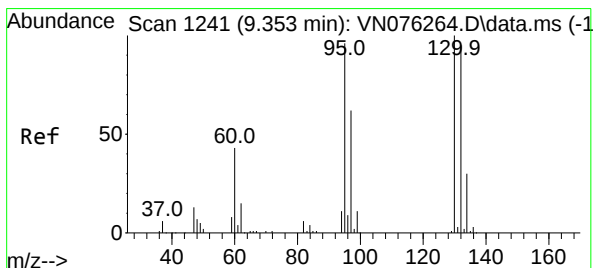
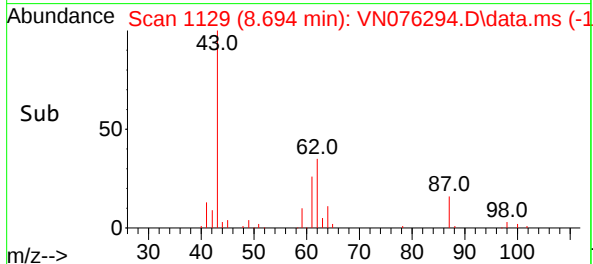
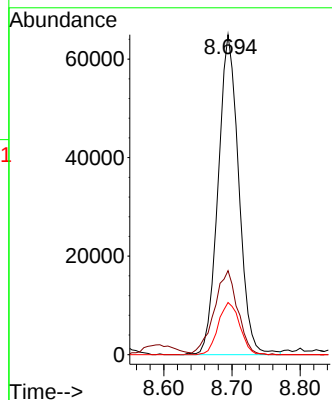
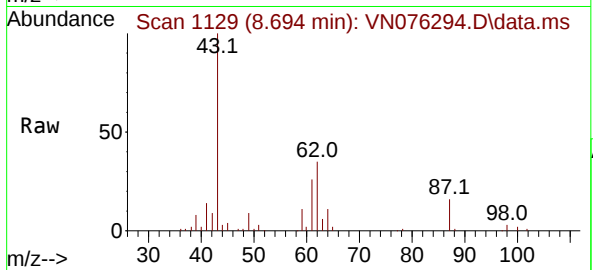
#43
Isopropyl Acetate
Concen: 19.571 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN0118MBS01

Tgt Ion: 43 Resp: 13662
Ion Ratio Lower Upper
43 100
61 29.9 23.5 35.3
87 17.1 13.8 20.6

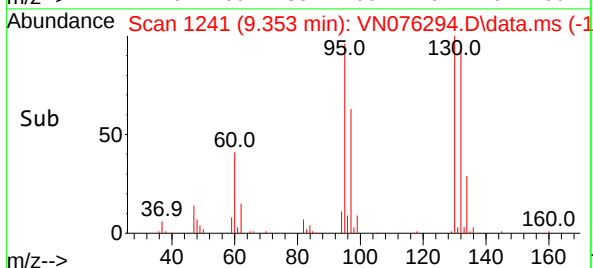
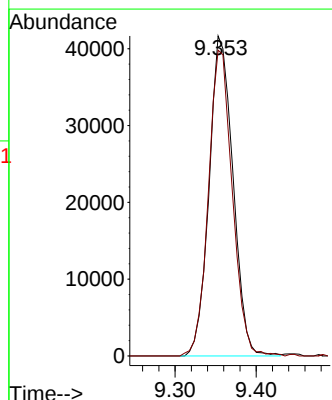
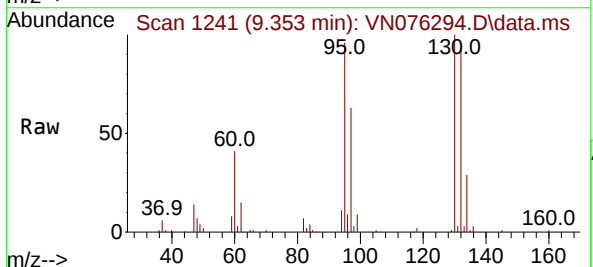
Manual Integrations
APPROVED

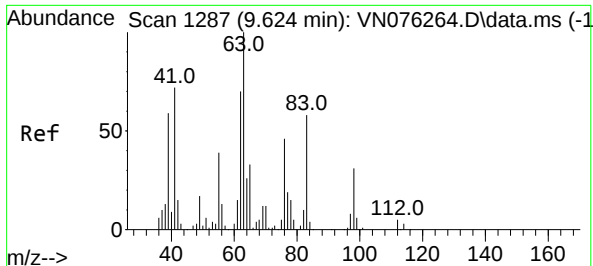
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#44
Trichloroethene
Concen: 18.846 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

Tgt Ion:130 Resp: 85268
Ion Ratio Lower Upper
130 100
95 95.6 0.0 192.0





#45

1,2-Dichloropropane

Concen: 18.989 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076294.D

Acq: 18 Jan 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0118MBS01

Tgt Ion: 63 Resp: 7272

Ion Ratio Lower Upper

63 100

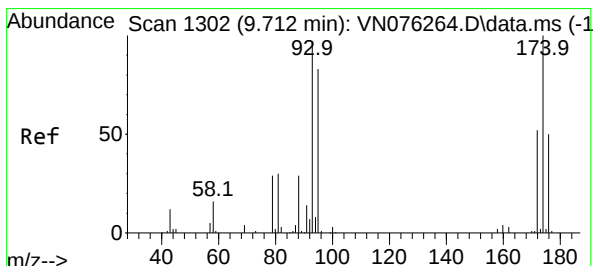
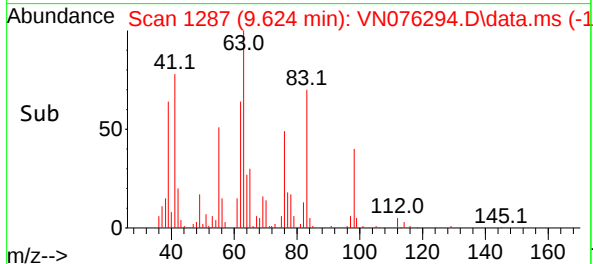
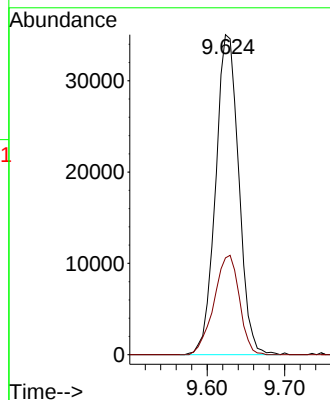
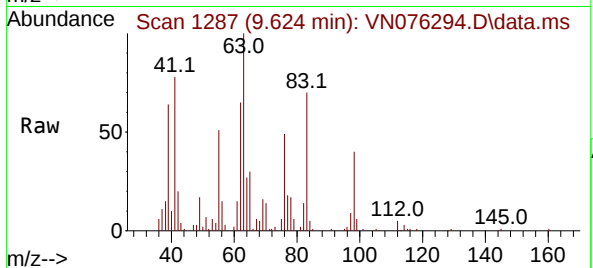
65 30.3 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#46

Dibromomethane

Concen: 19.692 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076294.D

Acq: 18 Jan 2023 13:23

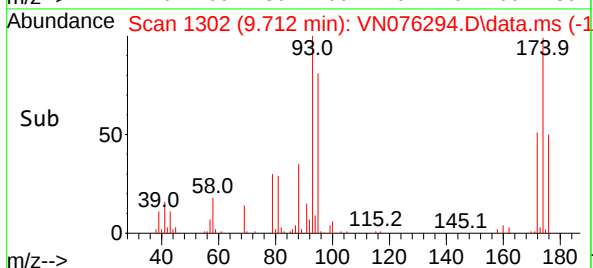
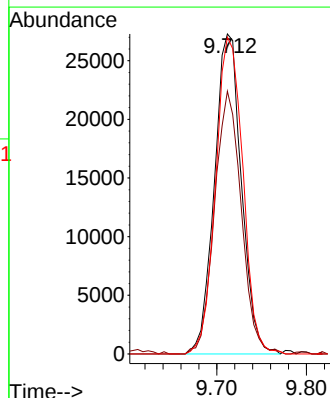
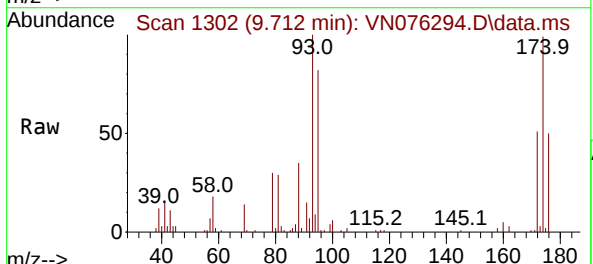
Tgt Ion: 93 Resp: 56943

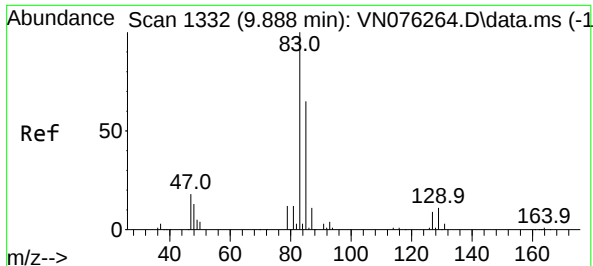
Ion Ratio Lower Upper

93 100

95 81.3 66.0 99.0

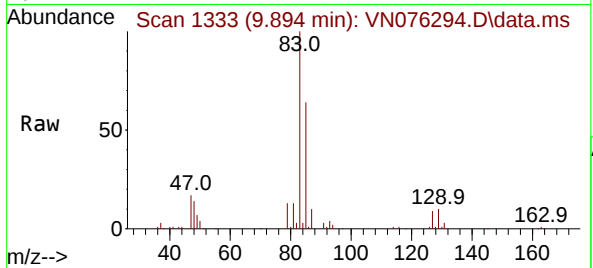
174 99.9 81.3 121.9





#47
Bromodichloromethane
Concen: 19.399 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

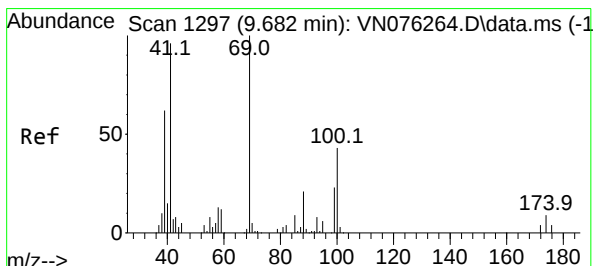
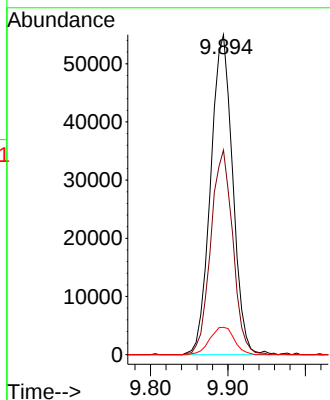
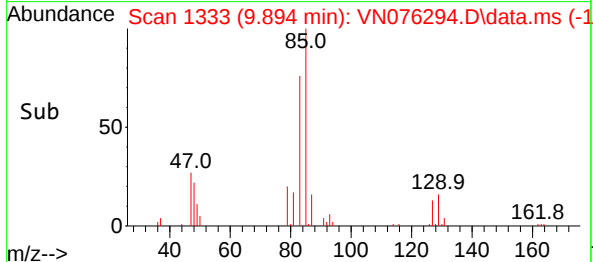
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBS01



Tgt Ion: 83 Resp: 10879
Ion Ratio Lower Upper
83 100
85 64.0 52.1 78.1
127 8.6 7.4 11.0

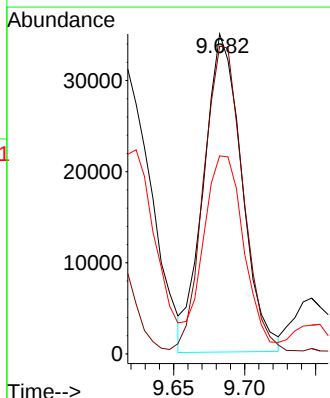
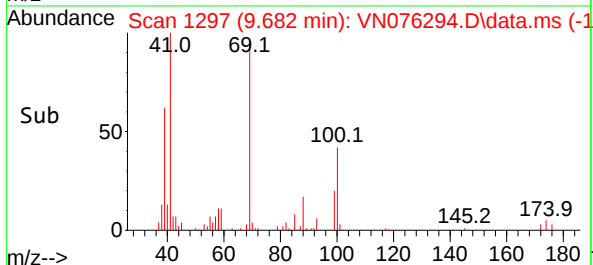
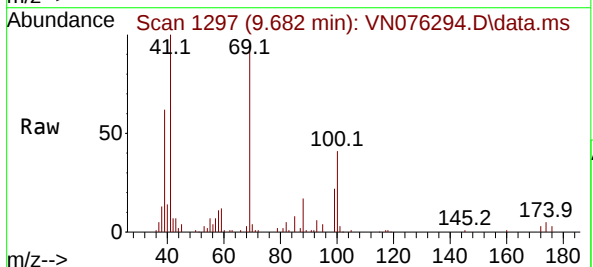
Manual Integrations
APPROVED

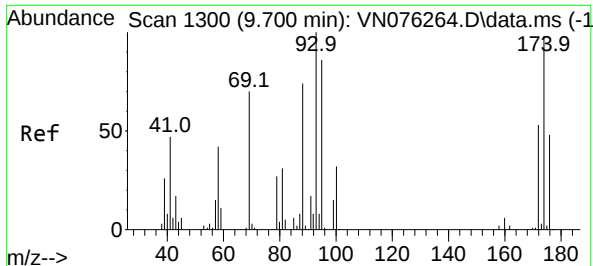
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#48
Methyl methacrylate
Concen: 19.726 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

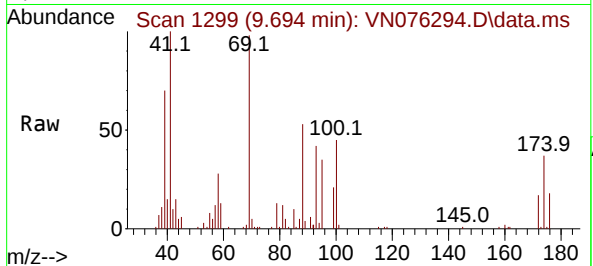
Tgt Ion: 41 Resp: 65191
Ion Ratio Lower Upper
41 100
69 97.9 80.8 121.2
39 67.2 54.4 81.6





#49
1,4-Dioxane
Concen: 419.450 ug/l
RT: 9.694 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

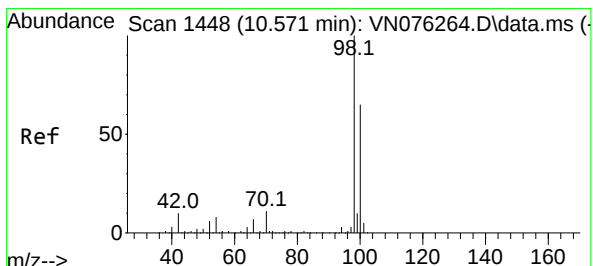
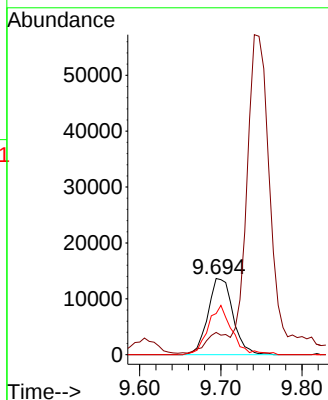
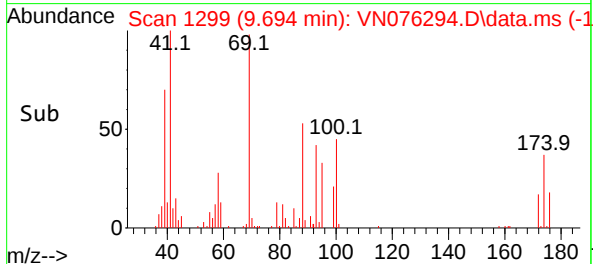
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBS01



Tgt Ion: 88 Resp: 29249
Ion Ratio Lower Upper
88 100
43 27.0 18.1 27.1
58 61.7 46.5 69.7

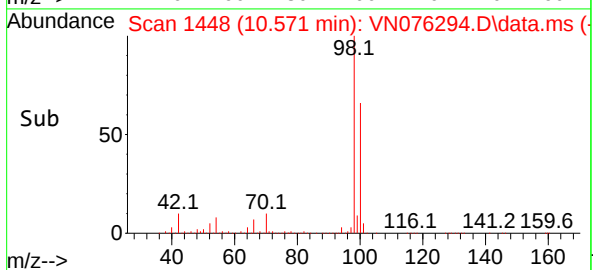
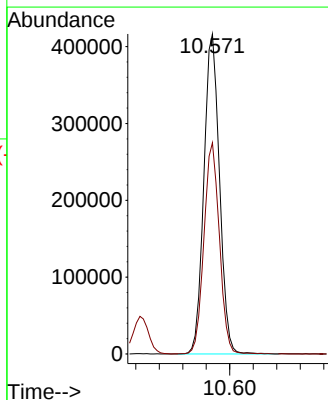
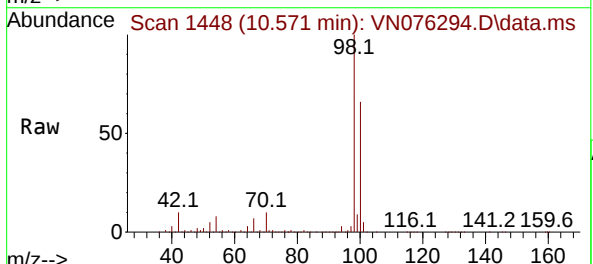
Manual Integrations
APPROVED

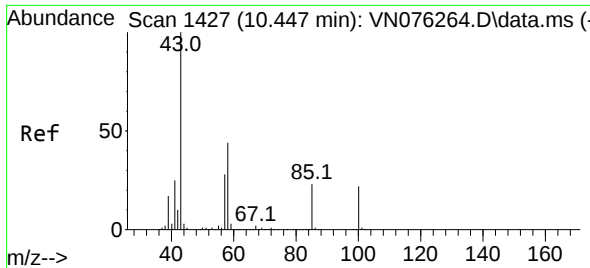
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#50
Toluene-d8
Concen: 55.136 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

Tgt Ion: 98 Resp: 766616
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4





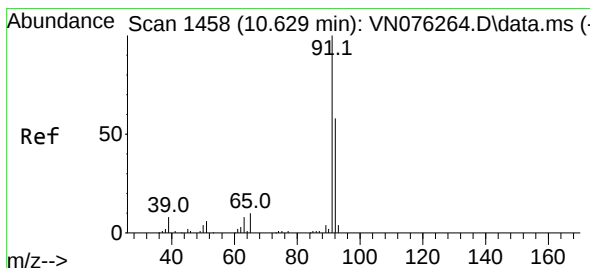
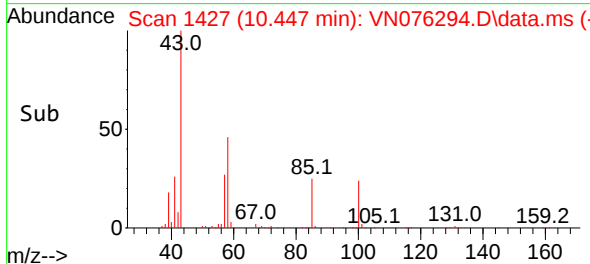
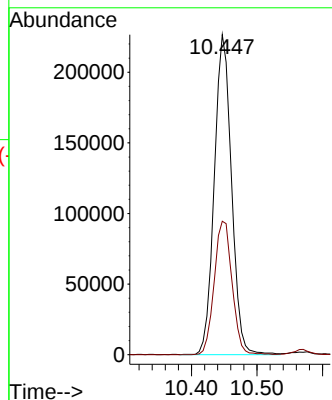
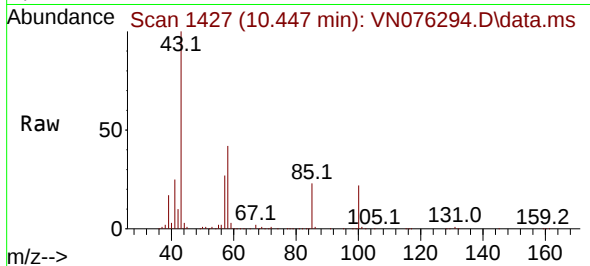
#51
4-Methyl-2-Pentanone
Concen: 100.876 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN0118MBS01

Tgt Ion: 43 Resp: 41337
Ion Ratio Lower Upper
43 100
58 43.2 35.1 52.7

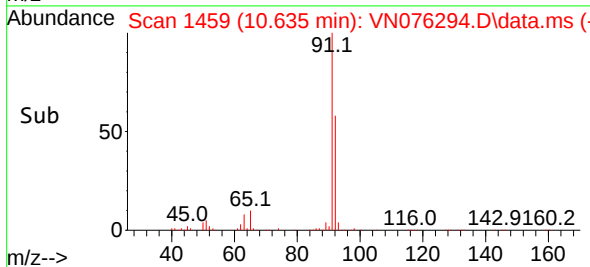
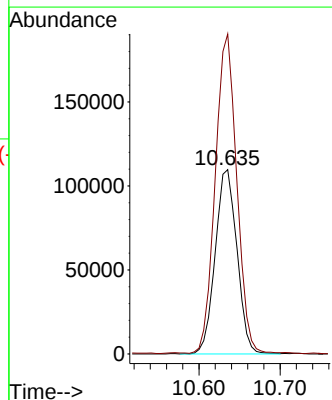
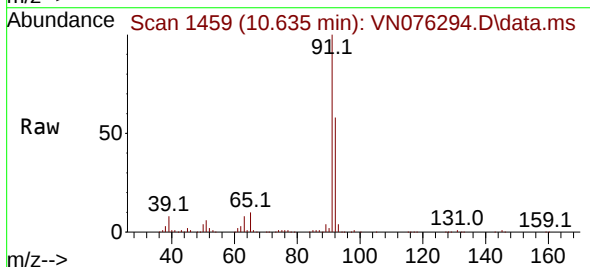
Manual Integrations
APPROVED

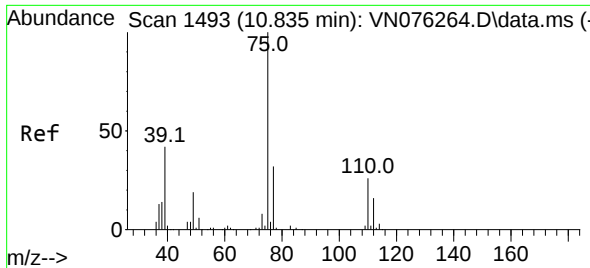
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#52
Toluene
Concen: 19.132 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

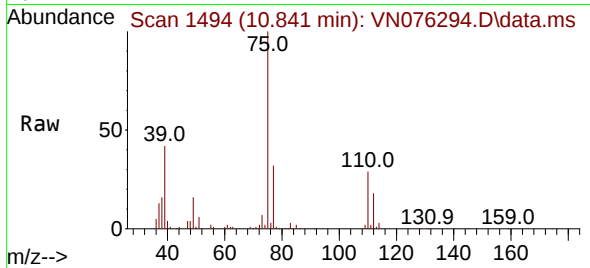
Tgt Ion: 92 Resp: 204668
Ion Ratio Lower Upper
92 100
91 171.2 136.6 205.0





#53
 t-1,3-Dichloropropene
 Concen: 20.291 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN076294.D
 Acq: 18 Jan 2023 13:23

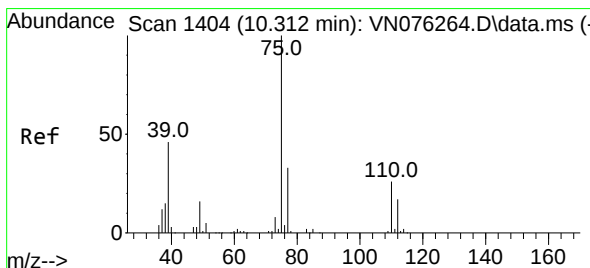
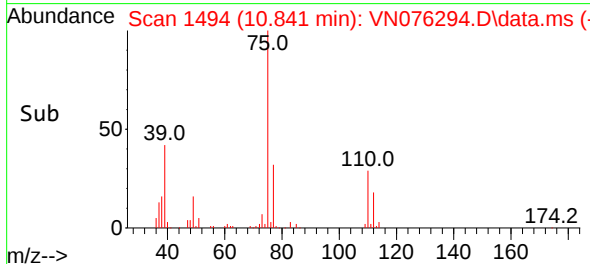
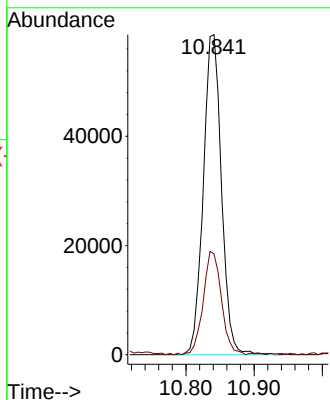
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0118MBS01



Tgt Ion: 75 Resp: 10848
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.8 38.6

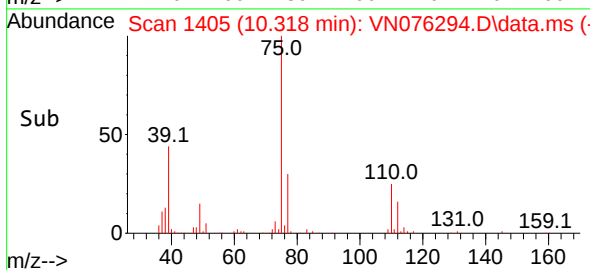
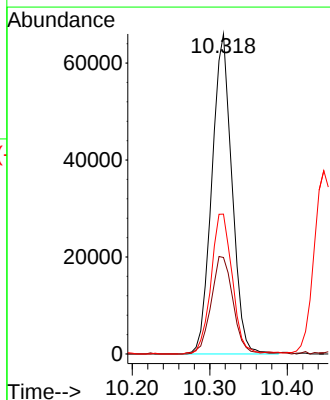
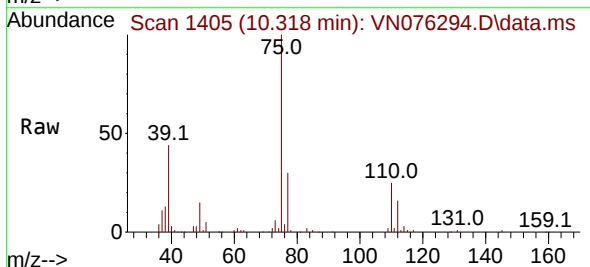
Manual Integrations
 APPROVED

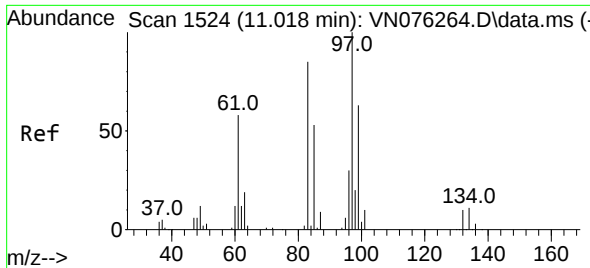
Reviewed By :John Carlone 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023



#54
 cis-1,3-Dichloropropene
 Concen: 19.337 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN076294.D
 Acq: 18 Jan 2023 13:23

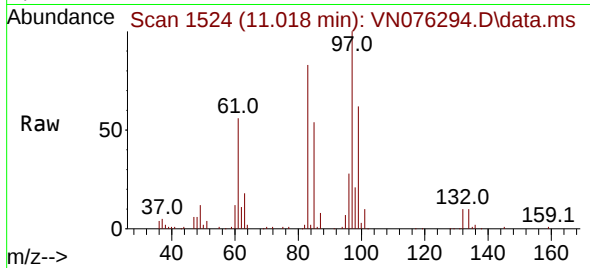
Tgt Ion: 75 Resp: 118941
 Ion Ratio Lower Upper
 75 100
 77 30.2 26.5 39.7
 39 43.7 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 19.384 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN0118MBS01

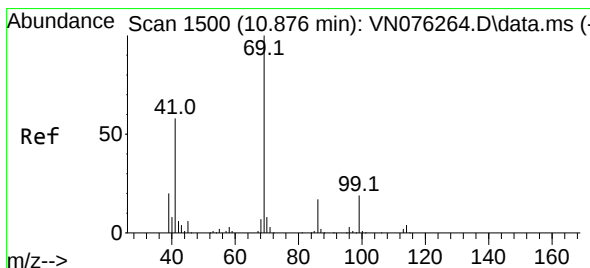
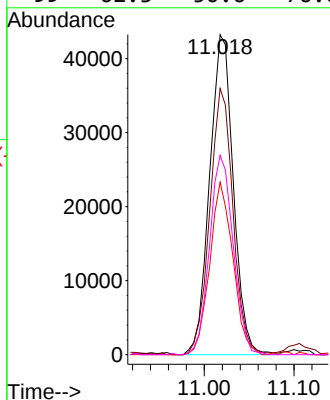
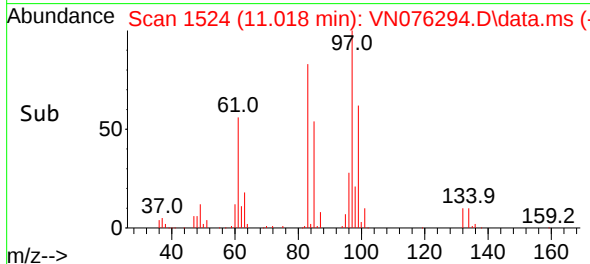


Tgt Ion: 97 Resp: 79260

Ion	Ratio	Lower	Upper
97	100		
83	83.2	67.8	101.6
85	53.9	42.3	63.5
99	62.3	50.6	76.0

Manual Integrations
APPROVED

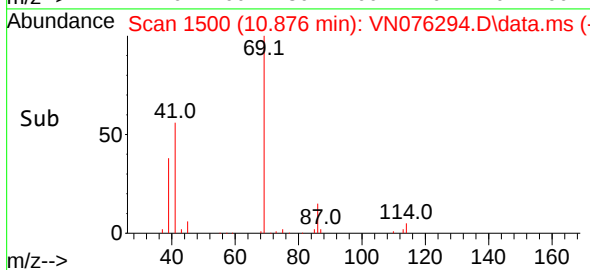
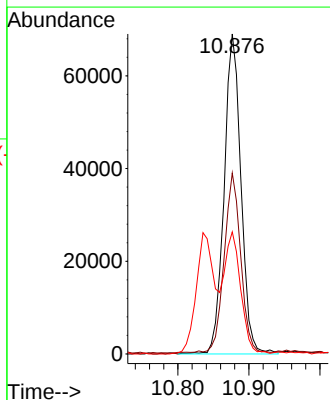
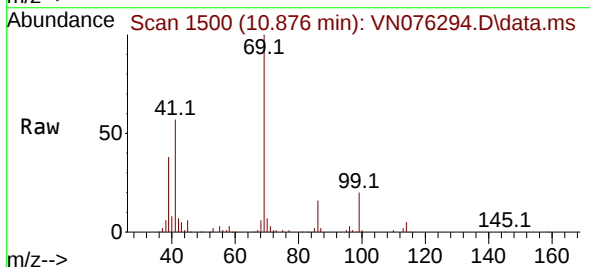
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

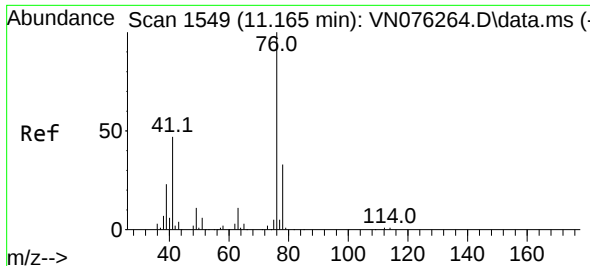


#56
Ethyl methacrylate
Concen: 21.585 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

Tgt Ion: 69 Resp: 113946

Ion	Ratio	Lower	Upper
69	100		
41	55.4	45.3	67.9
39	35.8	29.3	43.9





#57

1,3-Dichloropropane

Concen: 19.360 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076294.D

Acq: 18 Jan 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0118MBS01

Tgt Ion: 76 Resp: 12864

Ion Ratio Lower Upper

76 100

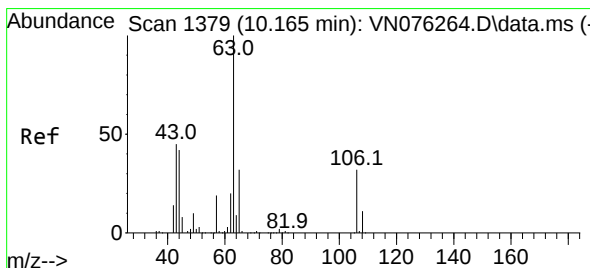
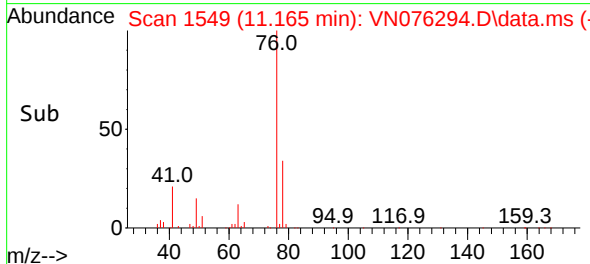
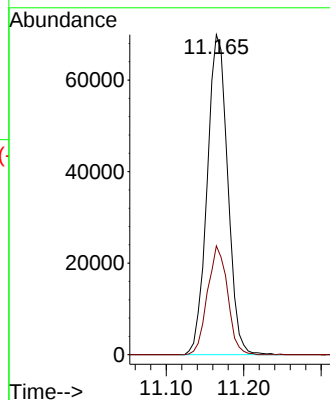
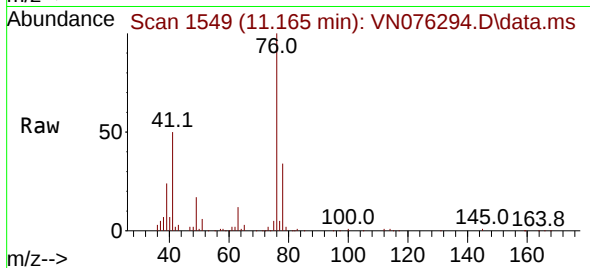
78 33.2 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#58

2-Chloroethyl Vinyl ether

Concen: 100.630 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076294.D

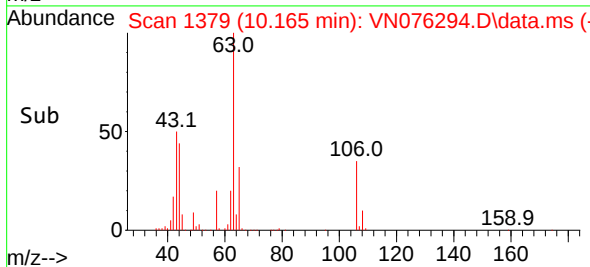
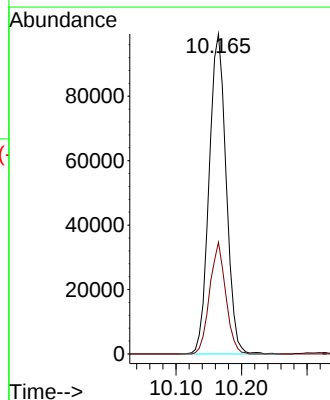
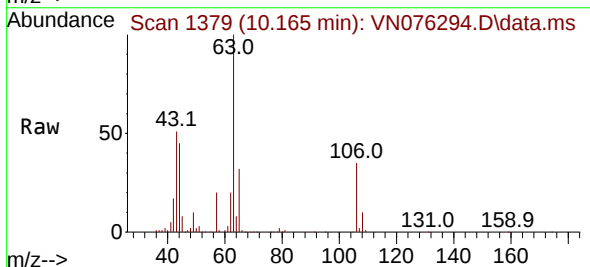
Acq: 18 Jan 2023 13:23

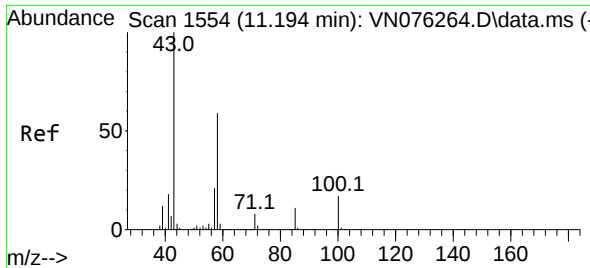
Tgt Ion: 63 Resp: 179337

Ion Ratio Lower Upper

63 100

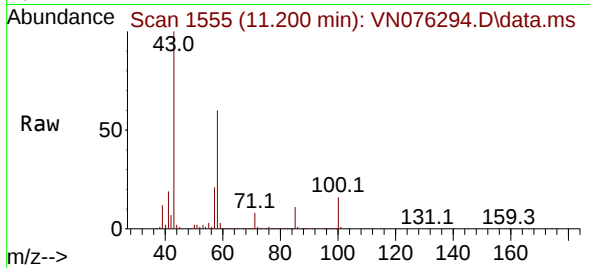
106 32.9 26.2 39.2





#59
2-Hexanone
Concen: 102.022 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

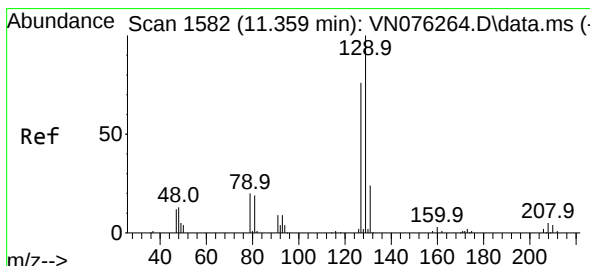
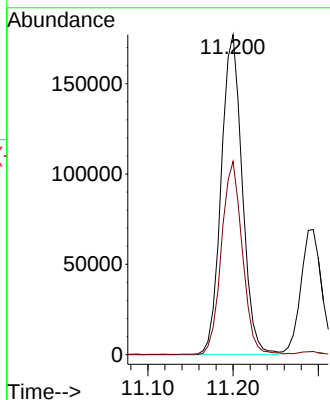
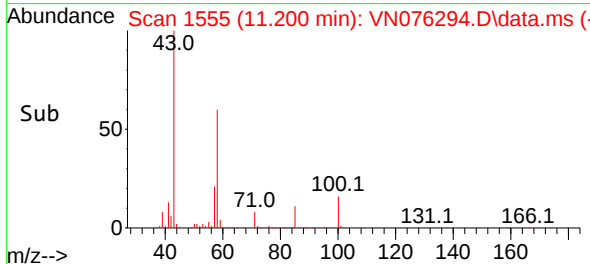
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBS01



Tgt Ion: 43 Resp: 302960
Ion Ratio Lower Upper
43 100
58 60.2 30.1 90.3

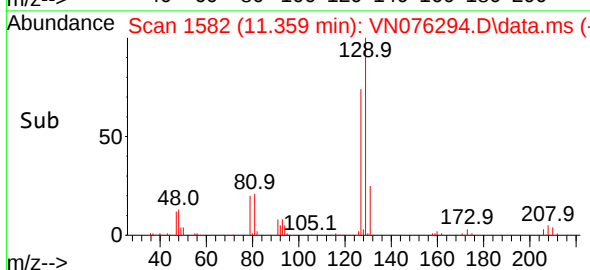
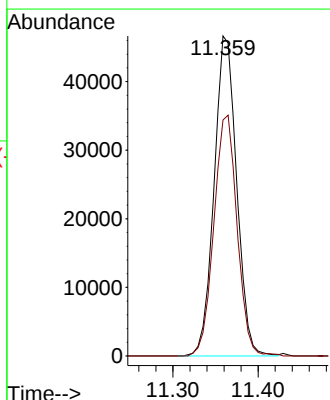
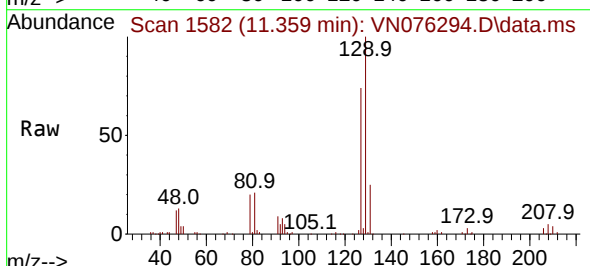
Manual Integrations
APPROVED

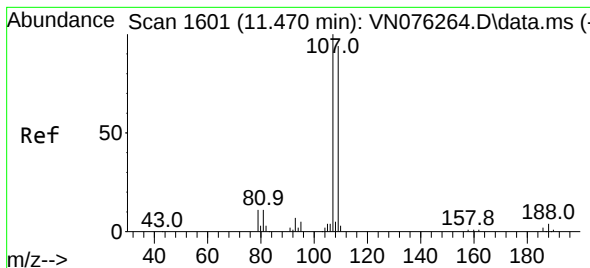
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#60
Dibromochloromethane
Concen: 19.928 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

Tgt Ion:129 Resp: 85777
Ion Ratio Lower Upper
129 100
127 77.5 38.7 116.1





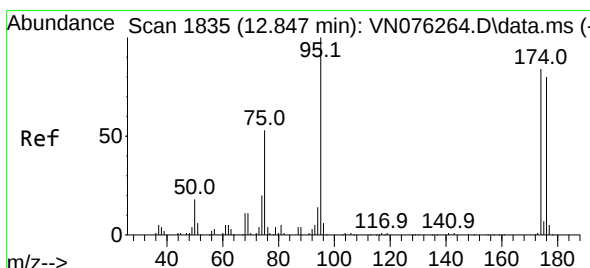
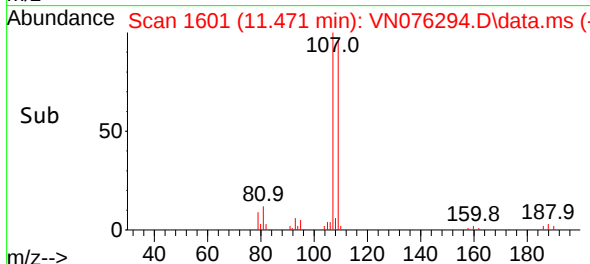
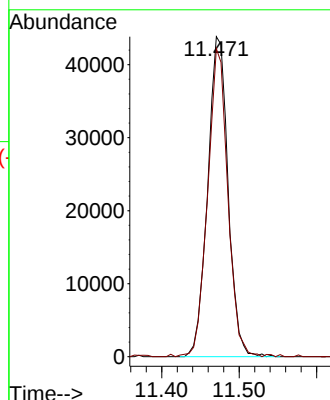
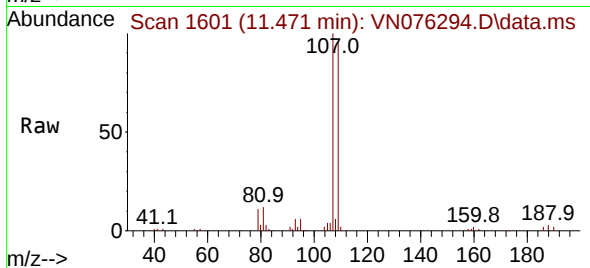
#61
1,2-Dibromoethane
Concen: 19.694 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.001 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN0118MBS01

Tgt Ion:107 Resp: 80382
Ion Ratio Lower Upper
107 100
109 94.9 76.0 114.0

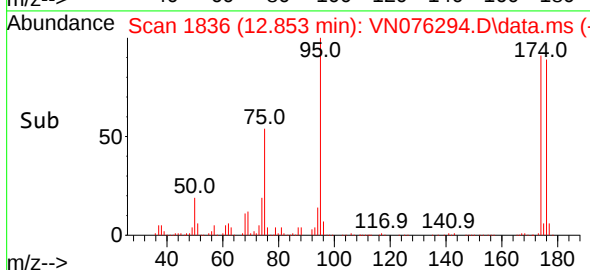
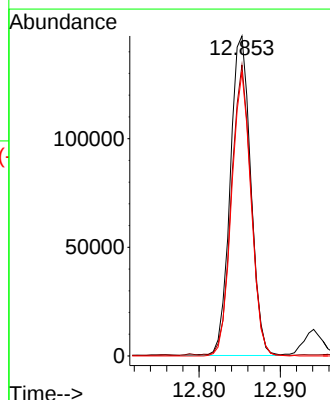
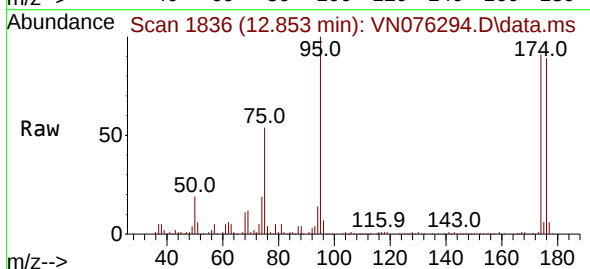
Manual Integrations
APPROVED

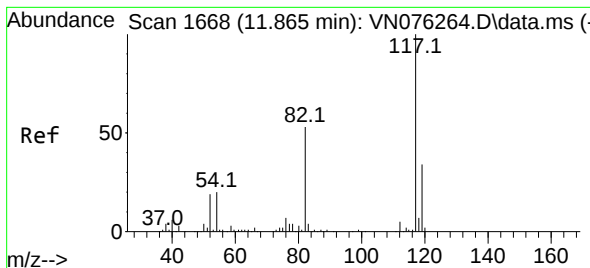
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#62
4-Bromofluorobenzene
Concen: 56.773 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

Tgt Ion: 95 Resp: 257693
Ion Ratio Lower Upper
95 100
174 87.1 0.0 174.6
176 84.4 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN076294.D

Acq: 18 Jan 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0118MBS01

Tgt Ion:117 Resp: 54259

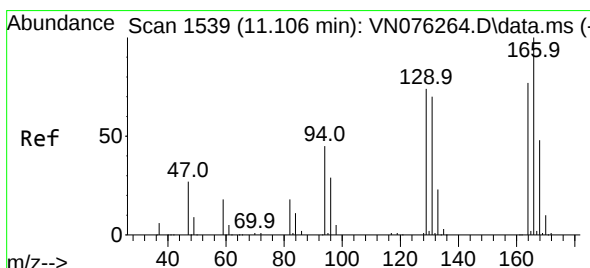
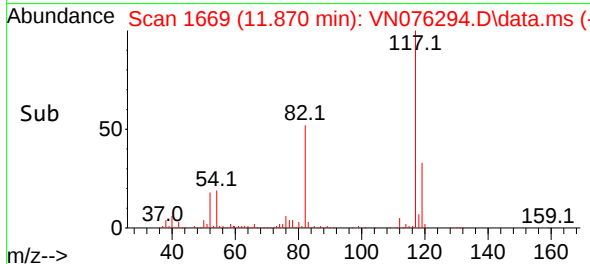
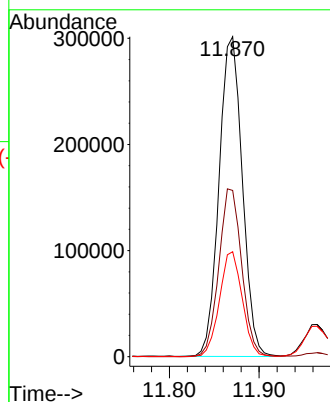
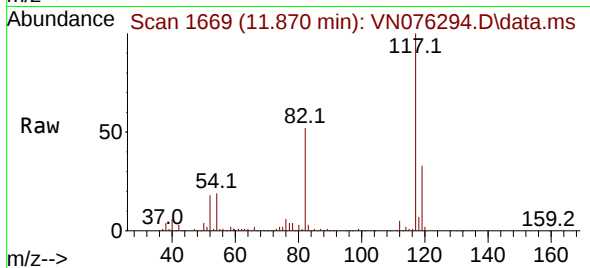
Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.2	63.2
119	32.9	26.9	40.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#64

Tetrachloroethene

Concen: 18.232 ug/l

RT: 11.106 min Scan# 1539

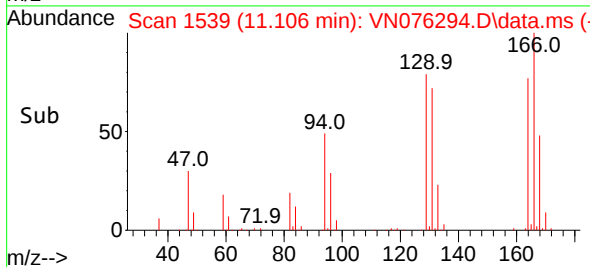
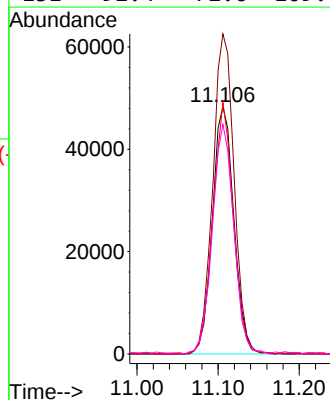
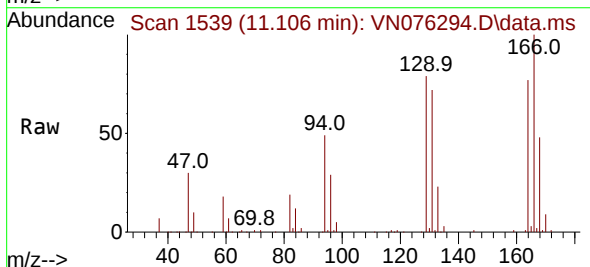
Delta R.T. -0.000 min

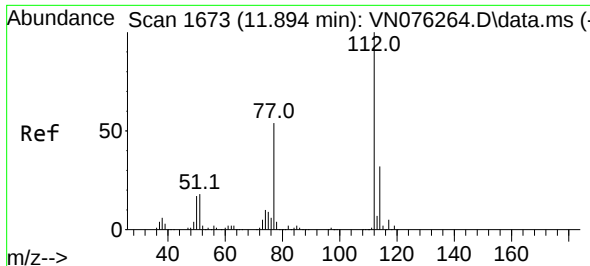
Lab File: VN076294.D

Acq: 18 Jan 2023 13:23

Tgt Ion:164 Resp: 89214

Ion	Ratio	Lower	Upper
164	100		
166	129.5	104.0	156.0
129	101.3	76.6	114.8
131	92.4	72.6	109.0





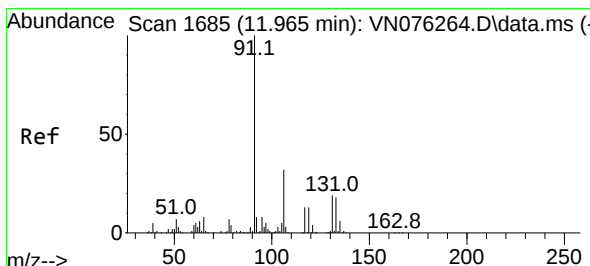
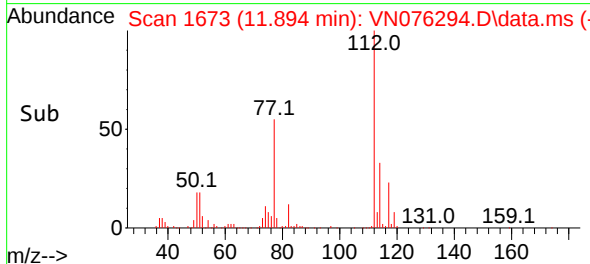
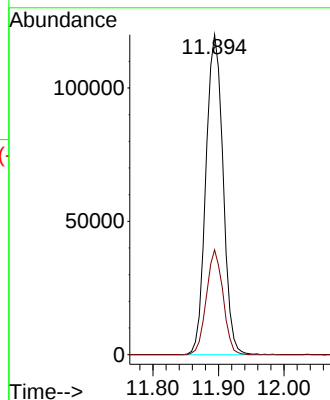
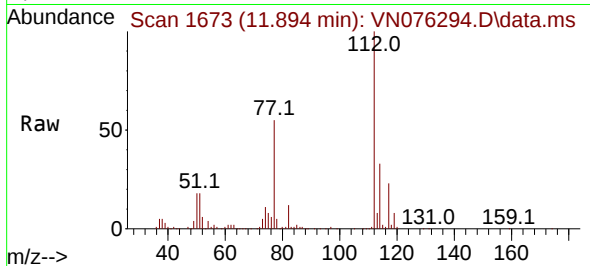
#65
Chlorobenzene
Concen: 19.040 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN0118MBS01

Tgt Ion:112 Resp: 21838
Ion Ratio Lower Upper
112 100
114 32.7 25.3 37.9

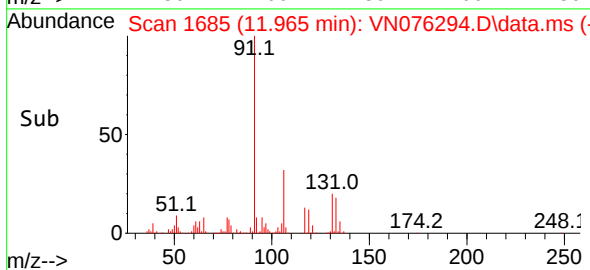
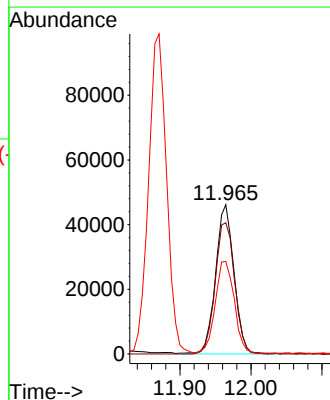
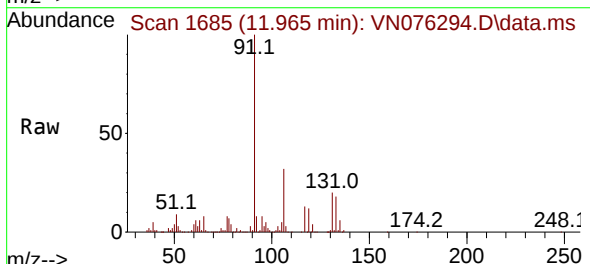
Manual Integrations
APPROVED

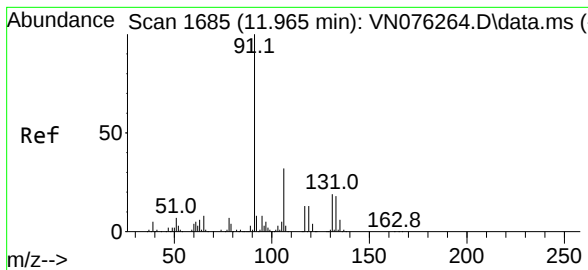
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.473 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

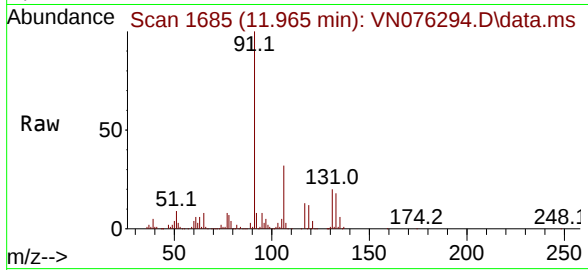
Tgt Ion:131 Resp: 83100
Ion Ratio Lower Upper
131 100
133 92.9 47.4 142.2
119 64.6 32.3 96.8





#67
Ethyl Benzene
Concen: 19.919 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

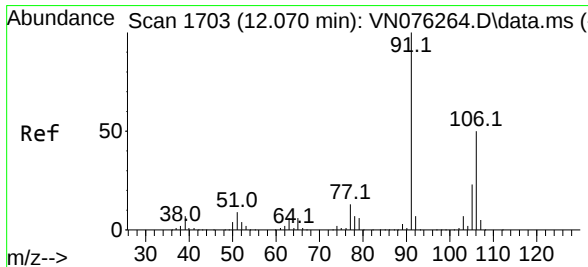
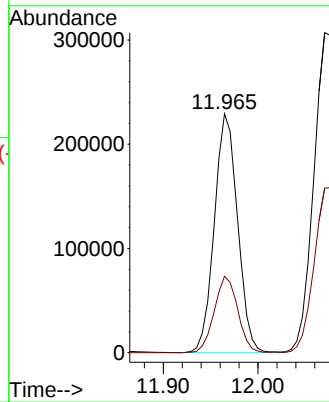
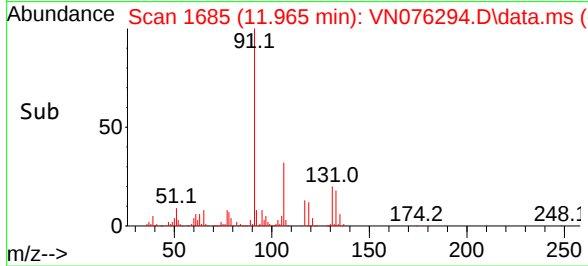
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBS01



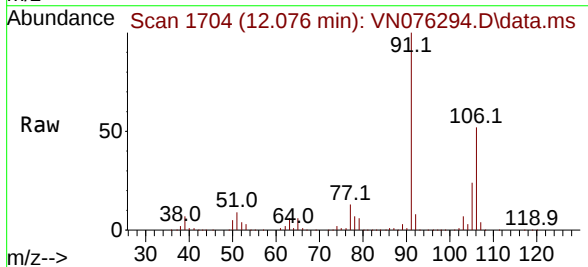
Tgt Ion: 91 Resp: 391010
Ion Ratio Lower Upper
91 100
106 32.0 25.5 38.3

Manual Integrations
APPROVED

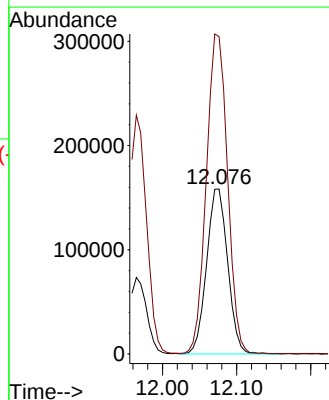
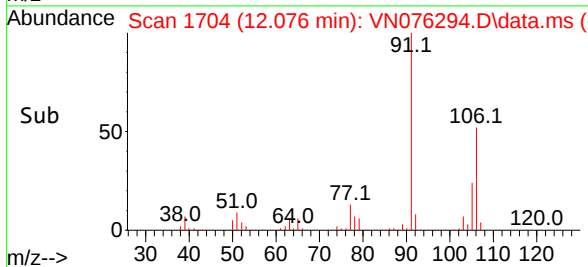
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

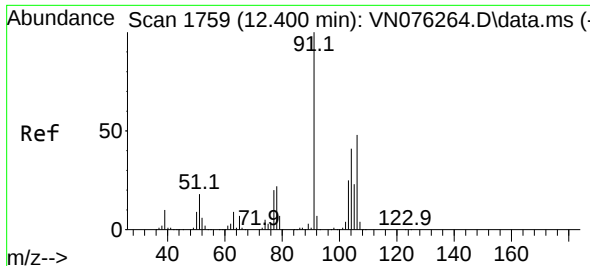


#68
m/p-Xylenes
Concen: 39.767 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23



Tgt Ion:106 Resp: 313022
Ion Ratio Lower Upper
106 100
91 194.9 157.5 236.3





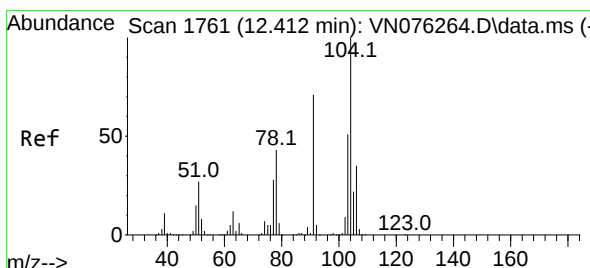
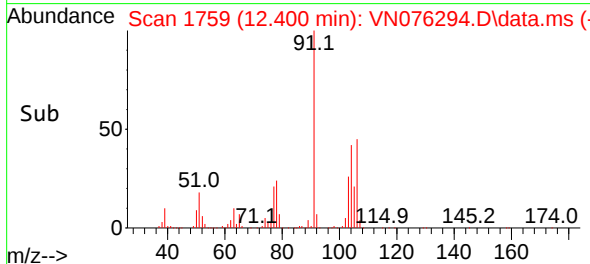
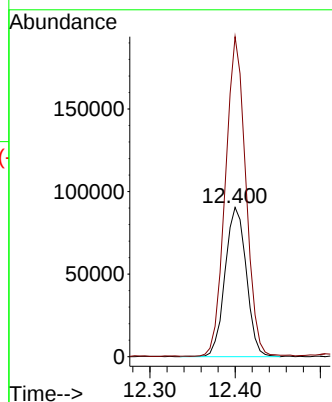
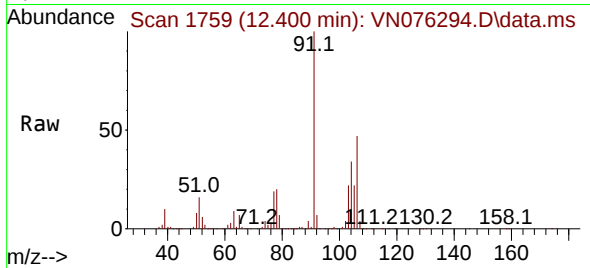
#69
o-Xylene
Concen: 20.238 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN0118MBS01

Tgt Ion:106 Resp: 15644
Ion Ratio Lower Upper
106 100
91 206.8 103.2 309.4

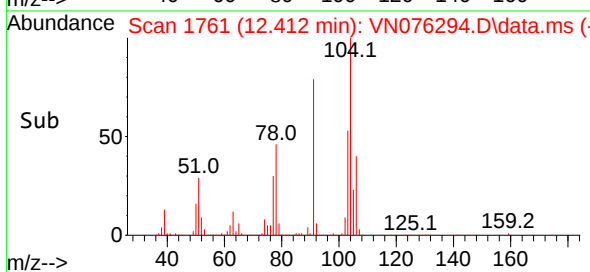
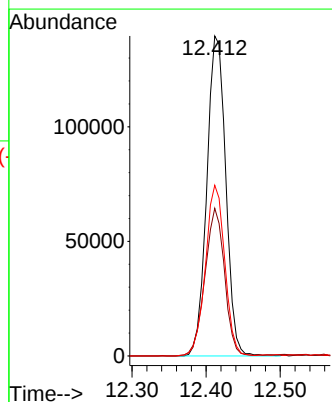
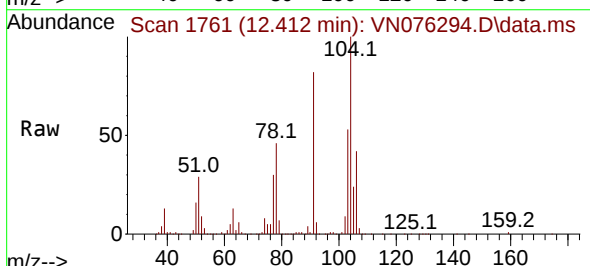
Manual Integrations
APPROVED

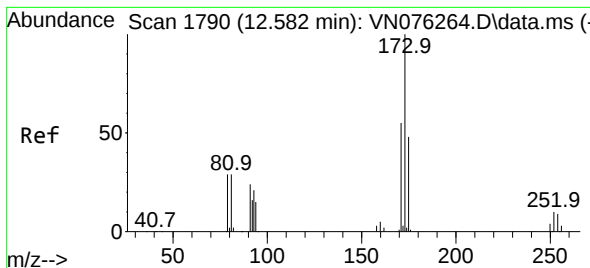
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#70
Styrene
Concen: 20.098 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

Tgt Ion:104 Resp: 248056
Ion Ratio Lower Upper
104 100
78 47.6 37.4 56.0
103 54.4 44.2 66.2





#71

Bromoform

Concen: 19.764 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076294.D

Acq: 18 Jan 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0118MBS01

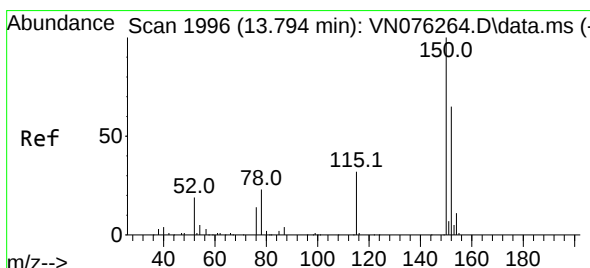
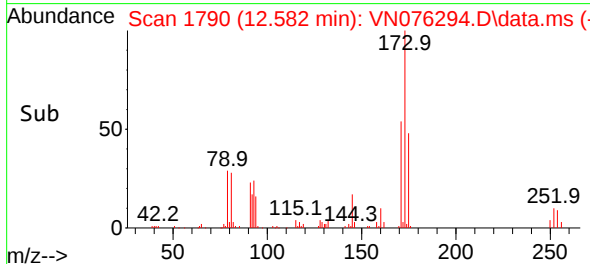
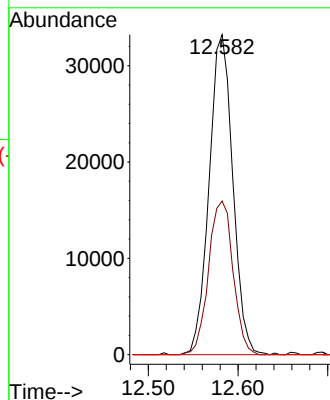
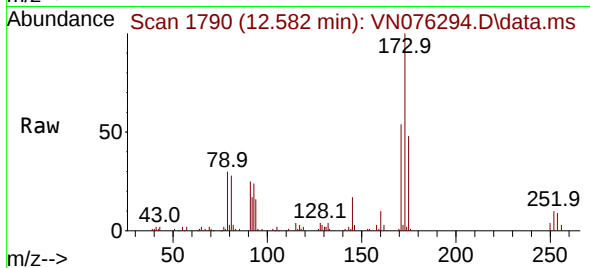
Tgt Ion:173	Resp: 60908
Ion Ratio	Lower Upper
173	100
175	49.7 24.1 72.4
254	0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

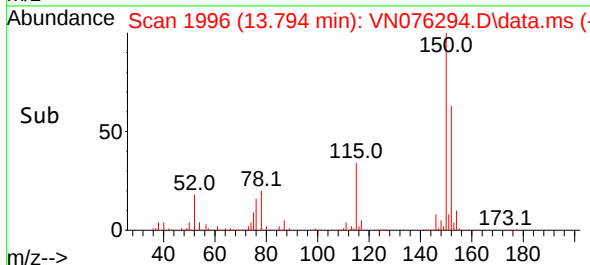
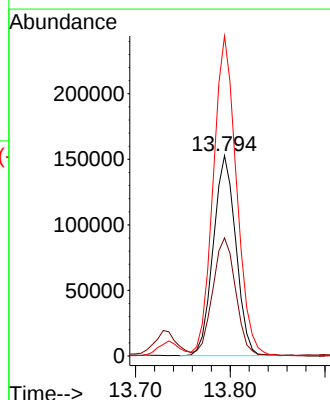
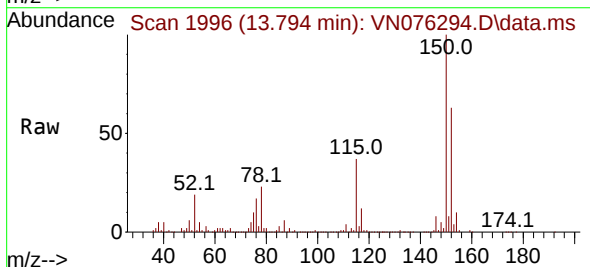
RT: 13.794 min Scan# 1996

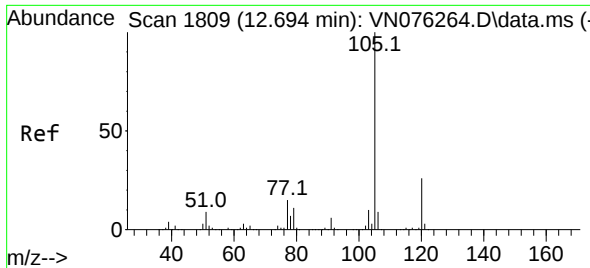
Delta R.T. -0.000 min

Lab File: VN076294.D

Acq: 18 Jan 2023 13:23

Tgt Ion:152	Resp: 252591
Ion Ratio	Lower Upper
152	100
115	59.9 29.6 88.9
150	165.6 0.0 351.4





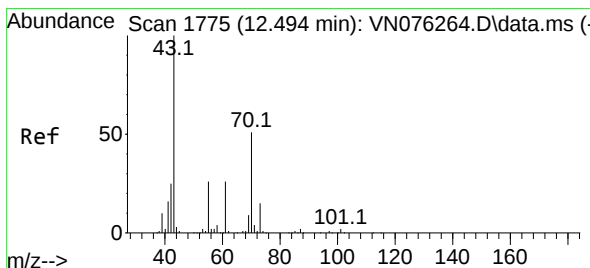
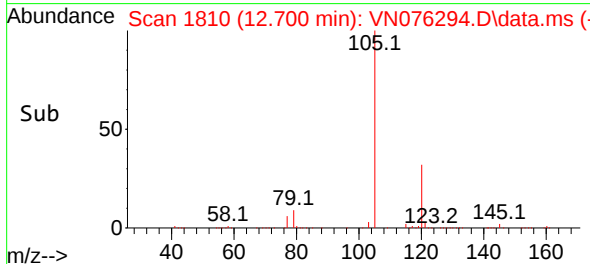
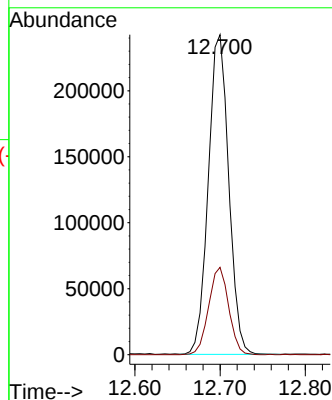
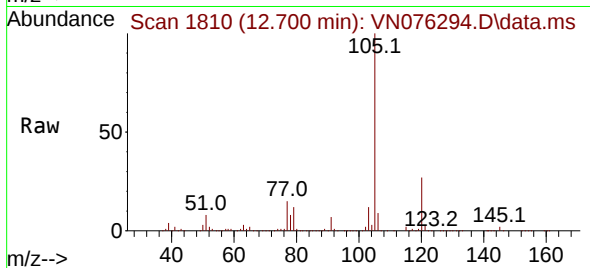
#73
Isopropylbenzene
Concen: 20.647 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN0118MBS01

Tgt Ion:105 Resp: 40345
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.1

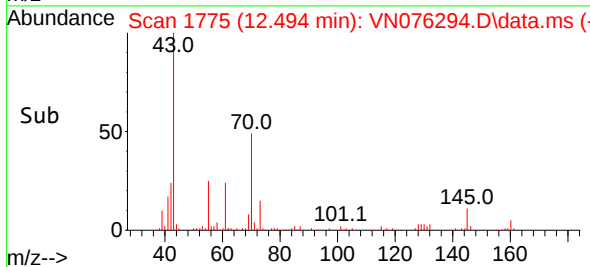
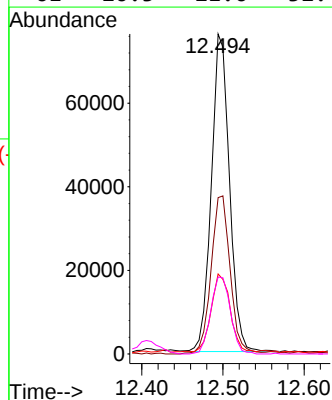
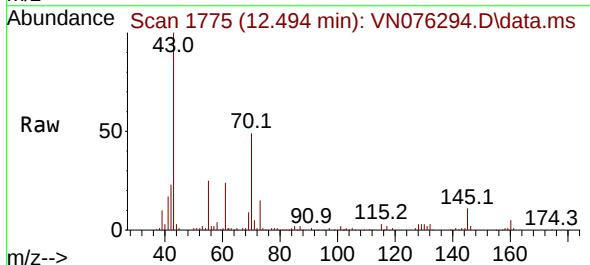
Manual Integrations
APPROVED

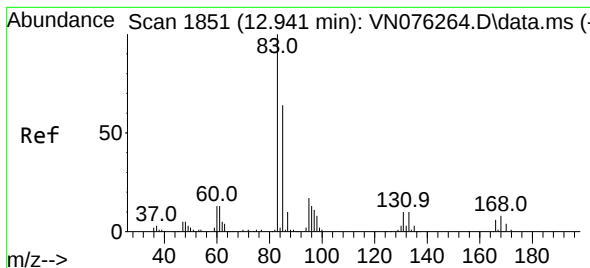
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#74
N-ethyl acetate
Concen: 20.933 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

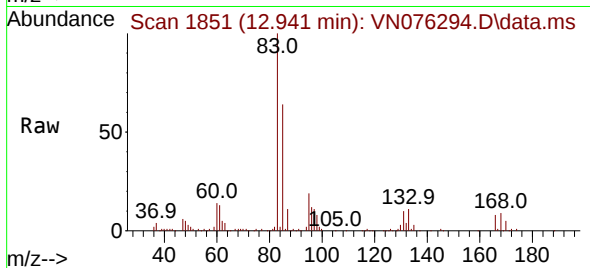
Tgt Ion: 43 Resp: 117660
Ion Ratio Lower Upper
43 100
70 52.6 41.2 61.8
55 25.4 21.0 31.6
61 26.3 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 19.528 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

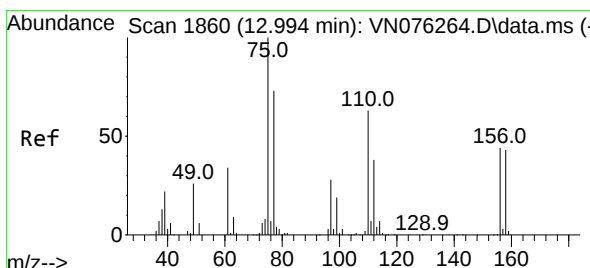
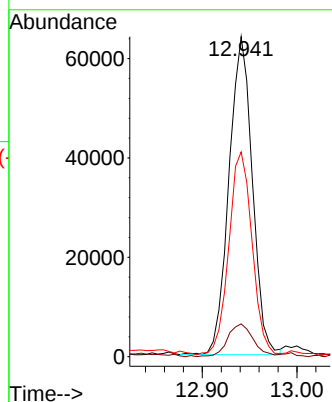
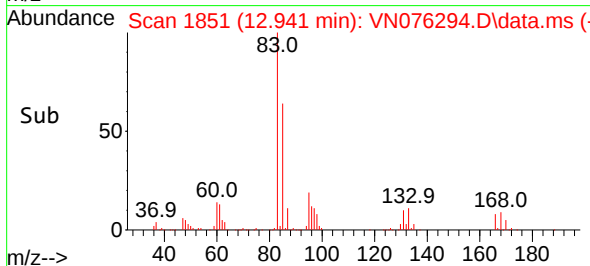
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBS01



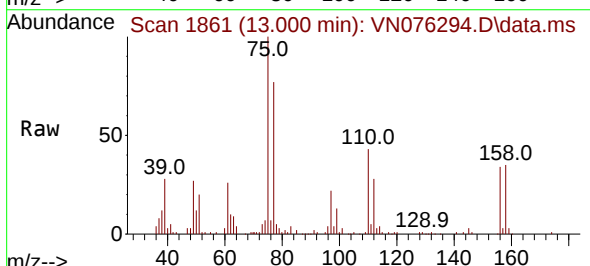
Tgt Ion: 83 Resp: 10969
Ion Ratio Lower Upper
83 100
131 11.2 5.5 16.4
85 63.4 31.7 95.1

Manual Integrations
APPROVED

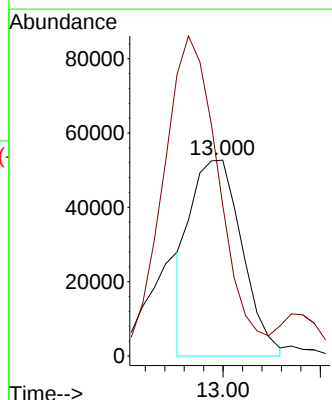
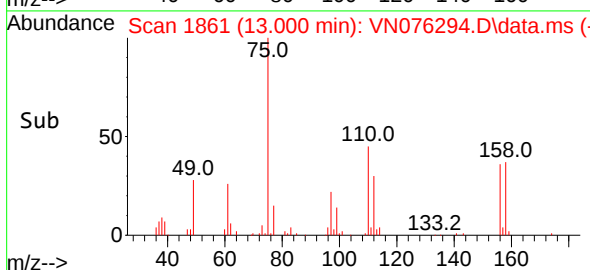
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

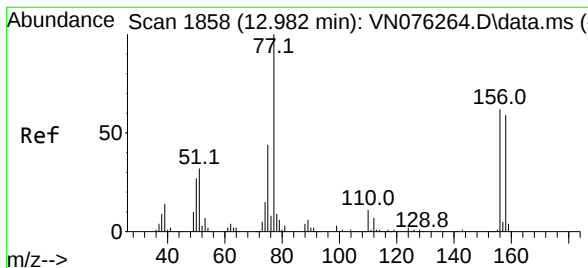


#76
1,2,3-Trichloropropane
Concen: 20.557 ug/l m
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23



Tgt Ion: 75 Resp: 97163
Ion Ratio Lower Upper
75 100
77 179.0 75.2 225.6





#77

Bromobenzene

Concen: 20.612 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN076294.D

Acq: 18 Jan 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0118MBS01

Tgt Ion:156 Resp: 95679

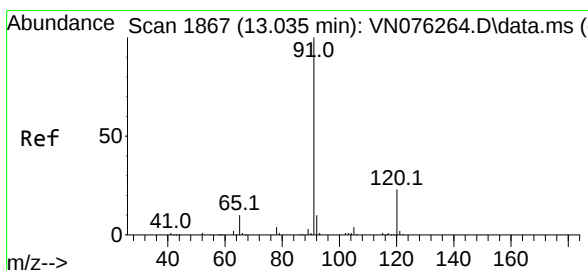
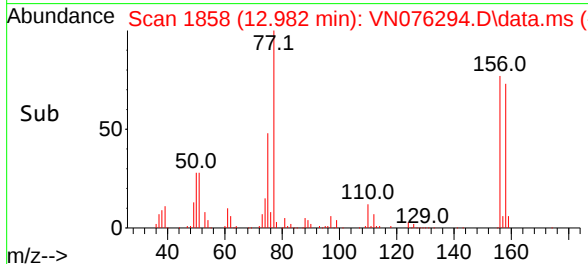
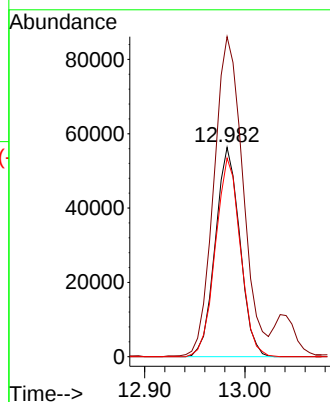
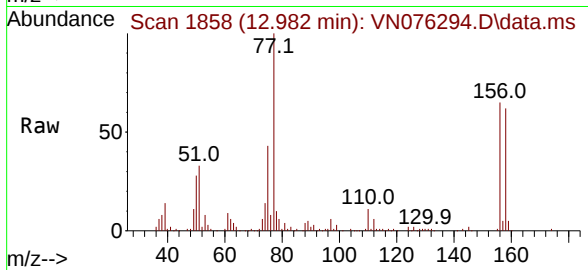
Ion	Ratio	Lower	Upper
156	100		
77	181.8	93.4	280.2
158	96.5	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#78

n-propylbenzene

Concen: 20.832 ug/l

RT: 13.041 min Scan# 1868

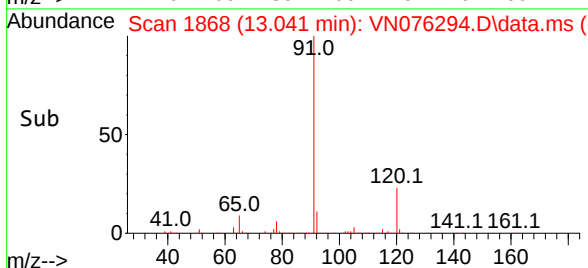
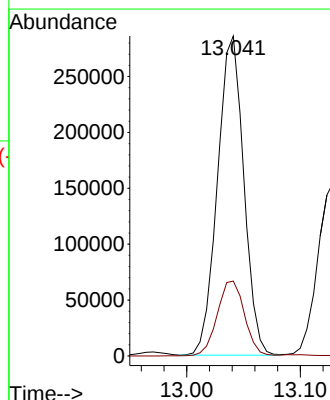
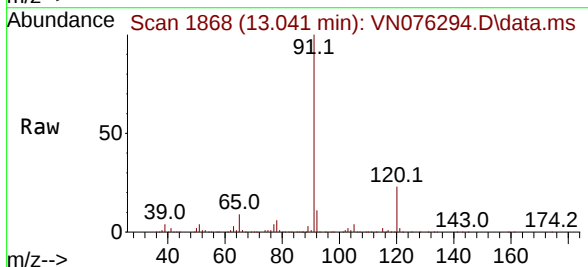
Delta R.T. 0.006 min

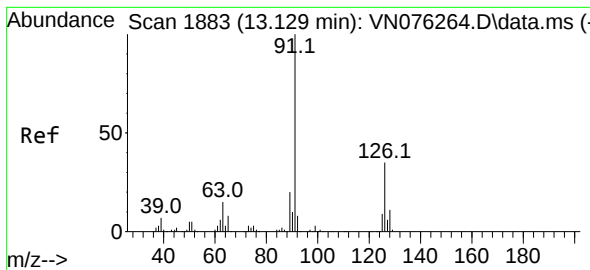
Lab File: VN076294.D

Acq: 18 Jan 2023 13:23

Tgt Ion: 91 Resp: 459308

Ion	Ratio	Lower	Upper
91	100		
120	24.4	11.9	35.5





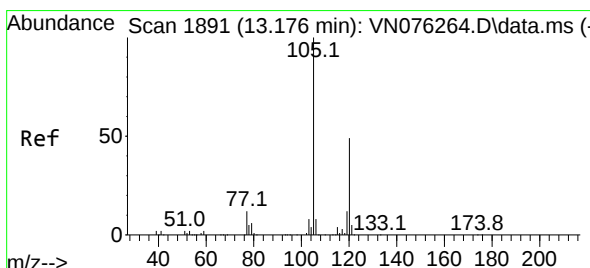
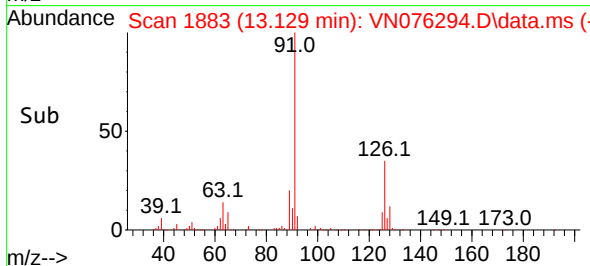
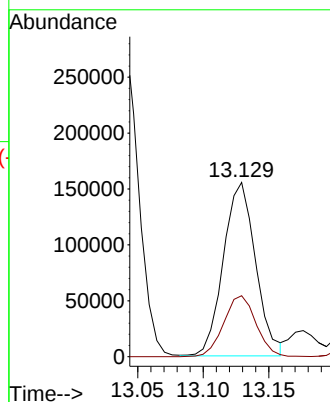
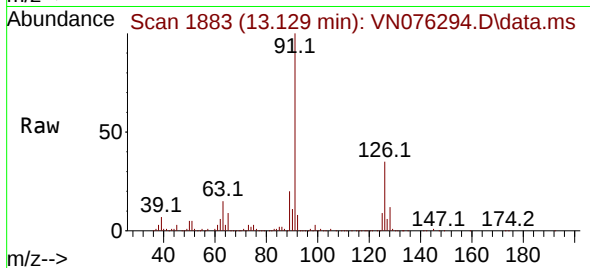
#79
2-Chlorotoluene
Concen: 19.652 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN0118MBS01

Tgt Ion: 91 Resp: 26589
Ion Ratio Lower Upper
91 100
126 35.3 17.4 52.2

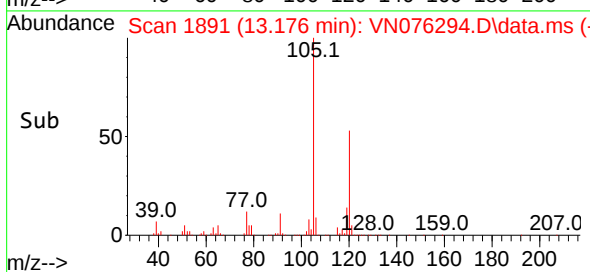
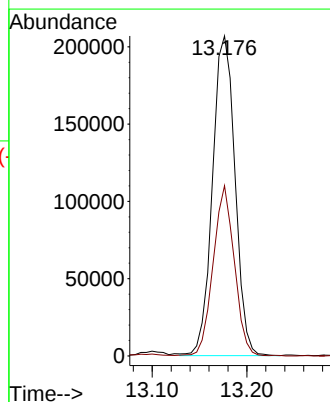
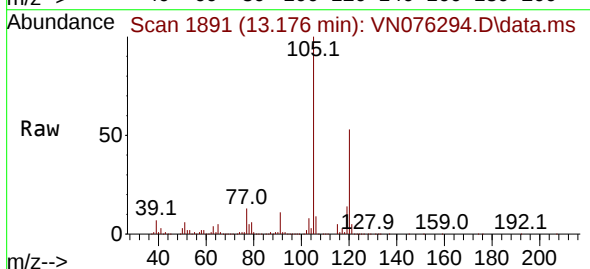
Manual Integrations
APPROVED

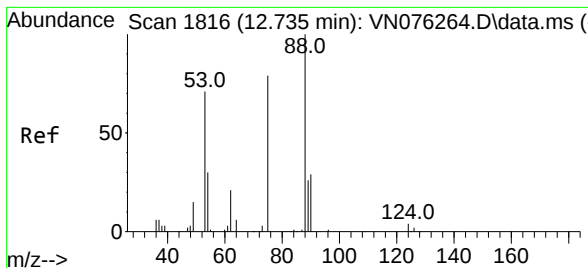
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.844 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

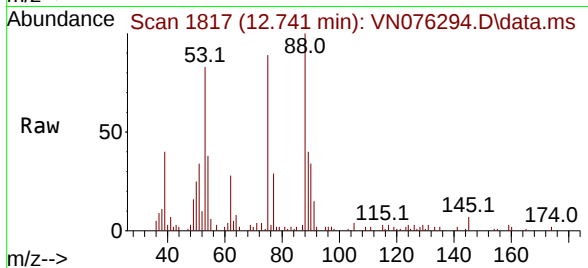
Tgt Ion:105 Resp: 341214
Ion Ratio Lower Upper
105 100
120 50.2 25.0 75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 19.620 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

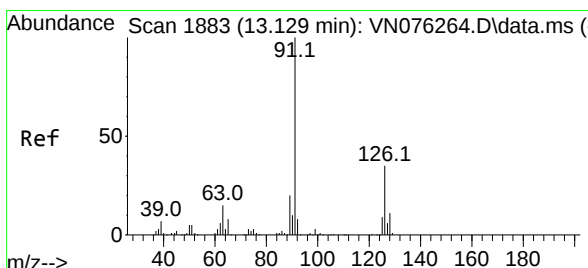
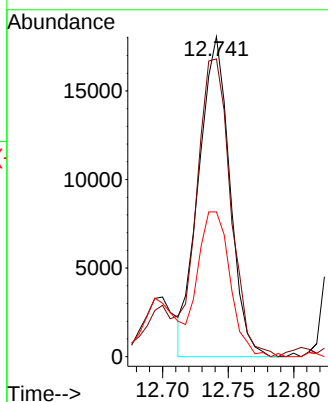
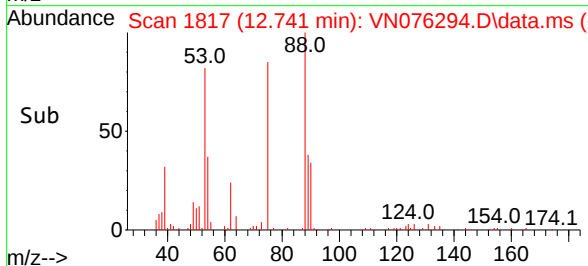
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBS01



Tgt Ion: 75 Resp: 29785
Ion Ratio Lower Upper
75 100
53 102.8 75.8 113.8
89 46.5 37.0 55.6

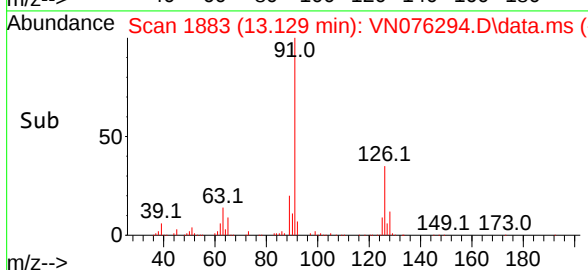
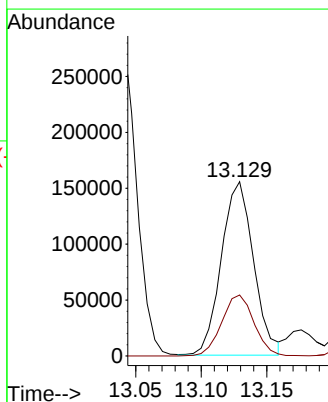
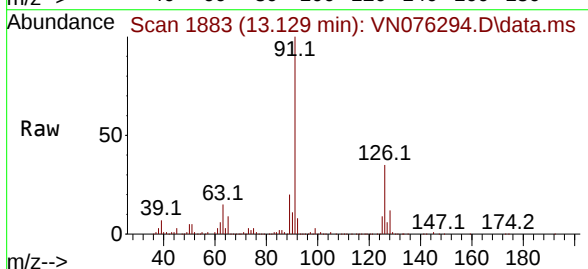
Manual Integrations
APPROVED

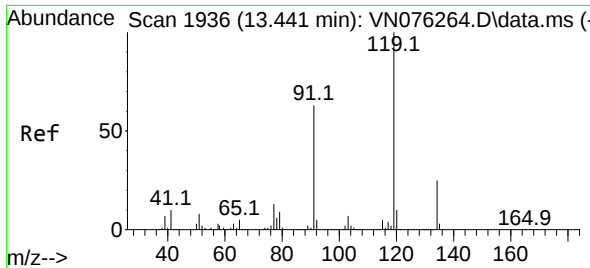
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#82
4-Chlorotoluene
Concen: 19.652 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

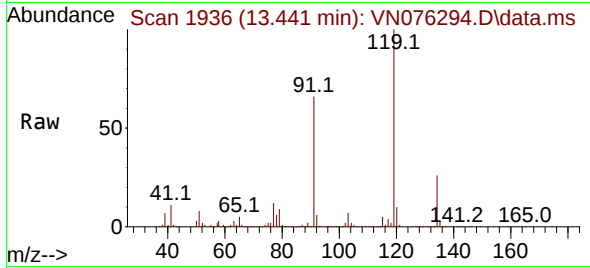
Tgt Ion: 91 Resp: 265891
Ion Ratio Lower Upper
91 100
126 35.3 17.4 52.2





#83
tert-Butylbenzene
Concen: 21.448 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

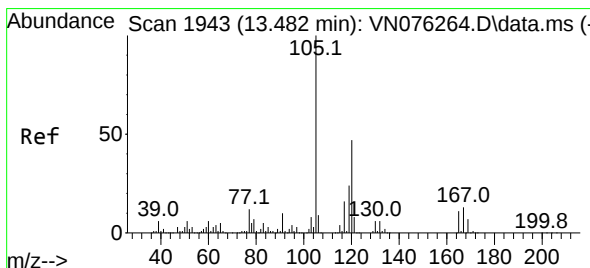
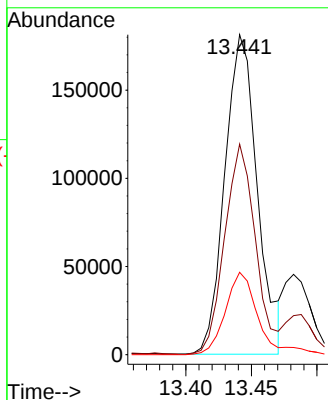
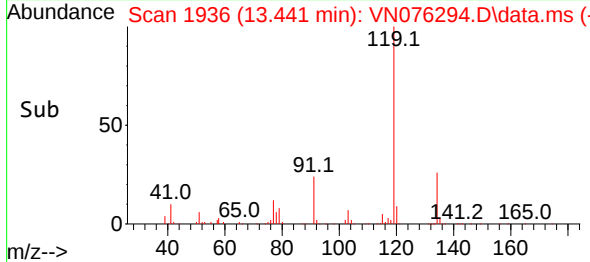
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBS01



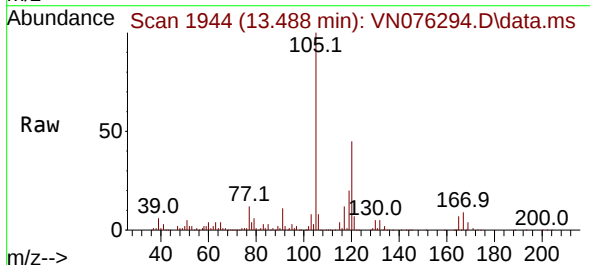
Tgt Ion:119 Resp: 31227
Ion Ratio Lower Upper
119 100
91 62.4 32.2 96.6
134 26.1 13.6 40.8

Manual Integrations
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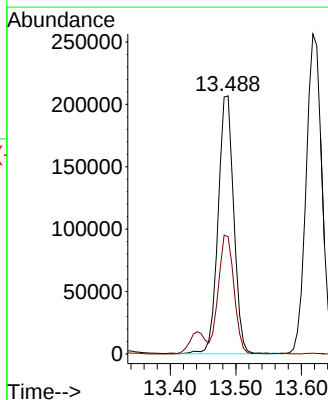
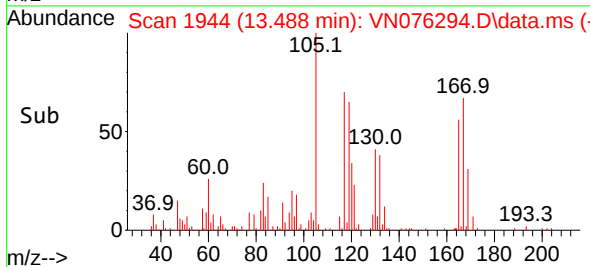
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

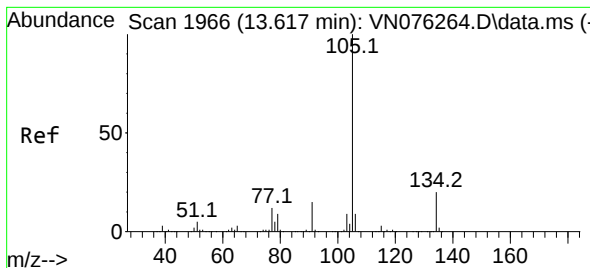


#84
1,2,4-Trimethylbenzene
Concen: 20.780 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23



Tgt Ion:105 Resp: 341096
Ion Ratio Lower Upper
105 100
120 46.0 22.9 68.5





#85

sec-Butylbenzene

Concen: 21.112 ug/l

RT: 13.617 min Scan# 1966

Delta R.T. 0.000 min

Lab File: VN076294.D

Acq: 18 Jan 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0118MBS01

Tgt Ion:105 Resp: 42653

Ion Ratio Lower Upper

105 100

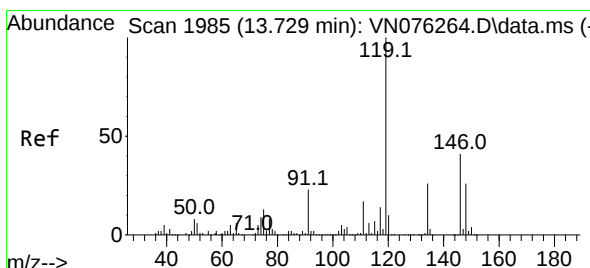
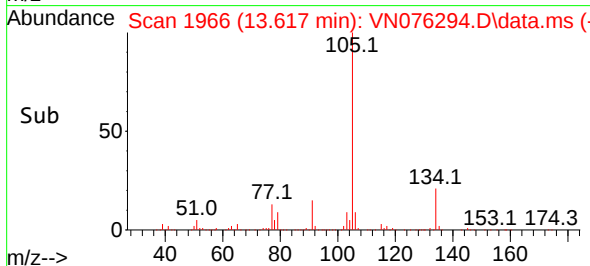
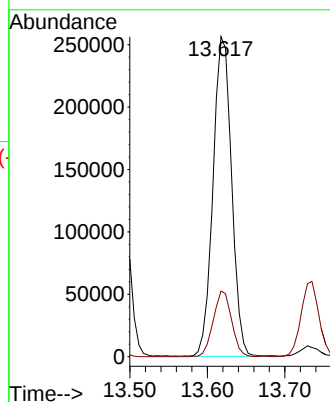
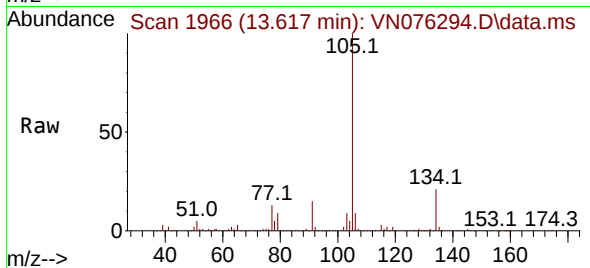
134 20.3 10.3 30.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#86

p-Isopropyltoluene

Concen: 21.555 ug/l

RT: 13.729 min Scan# 1985

Delta R.T. 0.000 min

Lab File: VN076294.D

Acq: 18 Jan 2023 13:23

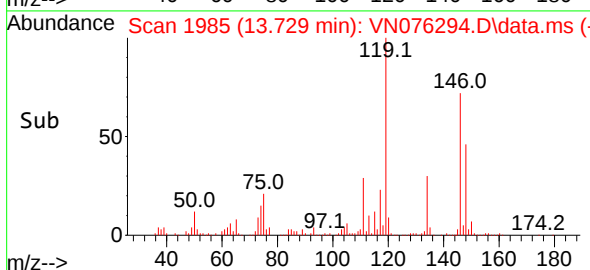
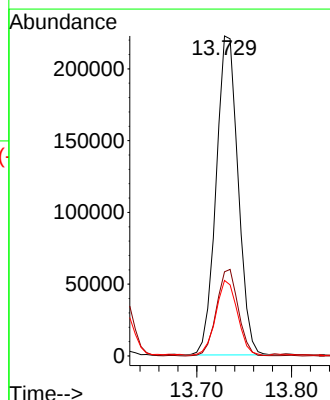
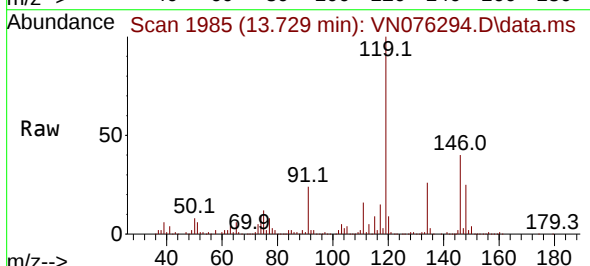
Tgt Ion:119 Resp: 358098

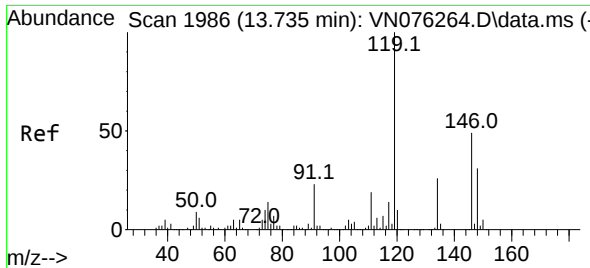
Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.6

91 23.2 11.8 35.3





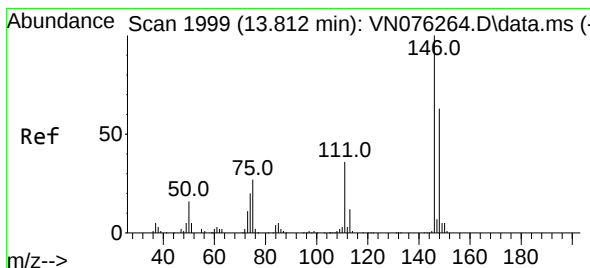
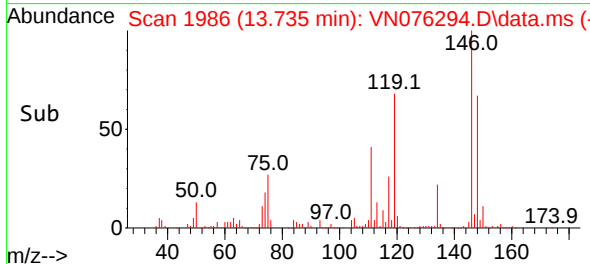
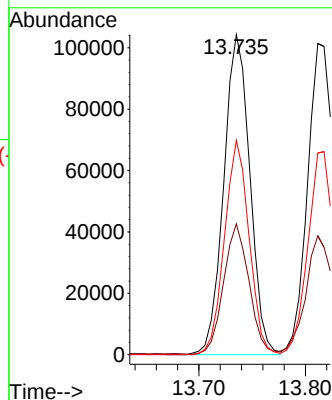
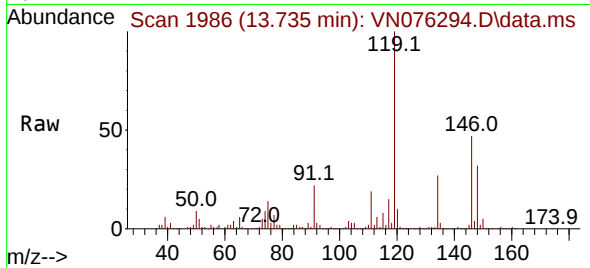
#87
1,3-Dichlorobenzene
Concen: 19.289 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN0118MBS01

Tgt Ion:146 Resp: 177650
Ion Ratio Lower Upper
146 100
111 39.3 19.9 59.7
148 63.0 31.6 94.8

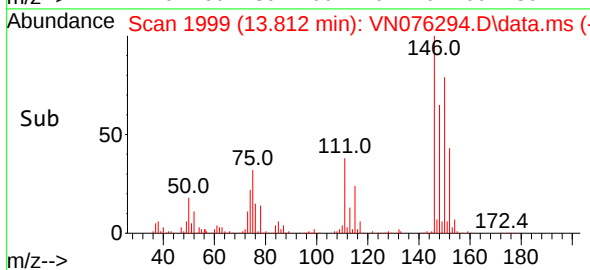
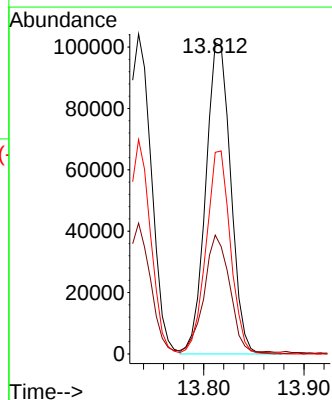
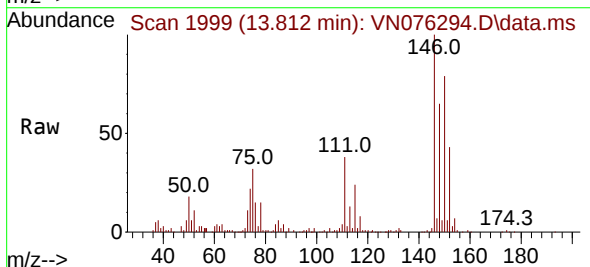
Manual Integrations
APPROVED

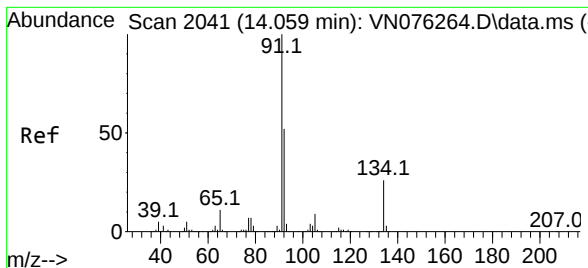
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#88
1,4-Dichlorobenzene
Concen: 20.141 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

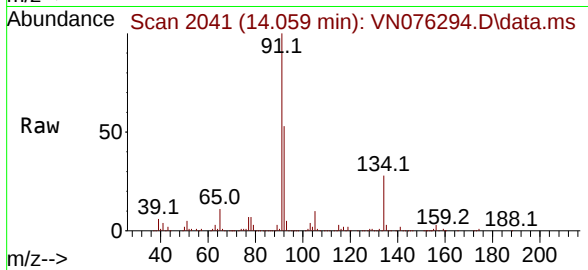
Tgt Ion:146 Resp: 175932
Ion Ratio Lower Upper
146 100
111 38.3 19.1 57.5
148 63.6 31.9 95.9





#89
n-Butylbenzene
Concen: 21.564 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

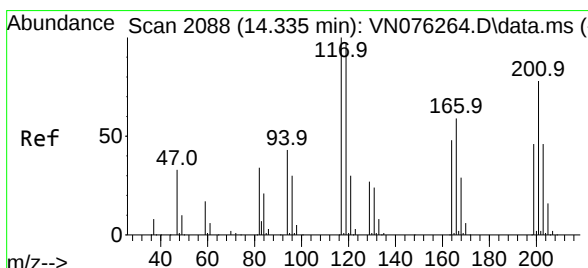
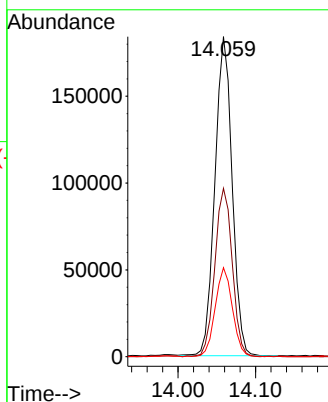
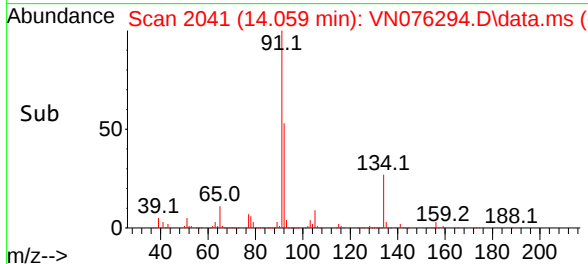
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBS01



Tgt Ion: 91 Resp: 284390
Ion Ratio Lower Upper
91 100
92 53.3 26.3 78.9
134 28.0 13.2 39.5

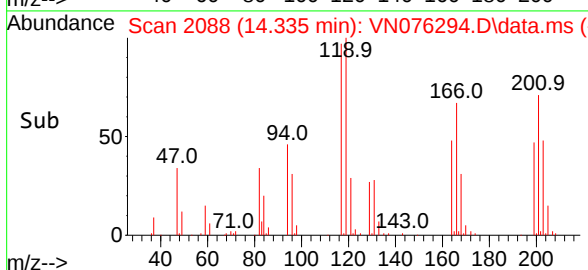
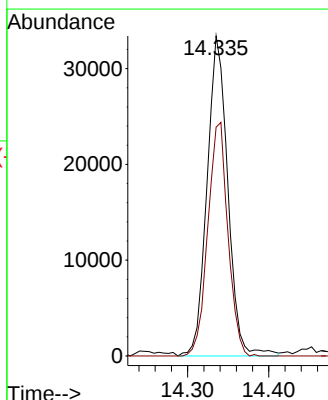
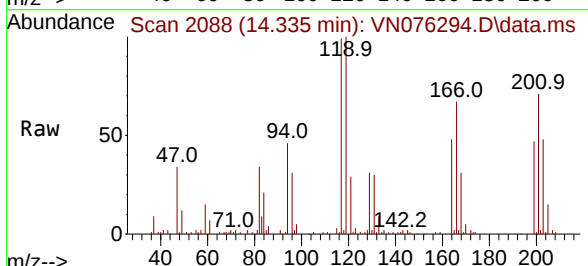
Manual Integrations
APPROVED

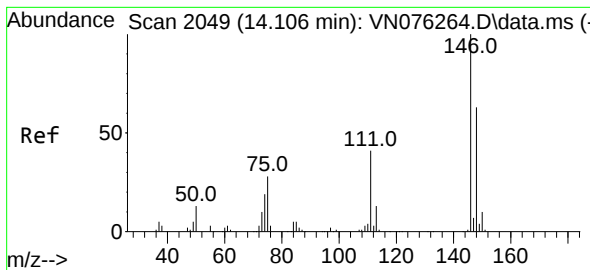
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#90
Hexachloroethane
Concen: 20.718 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

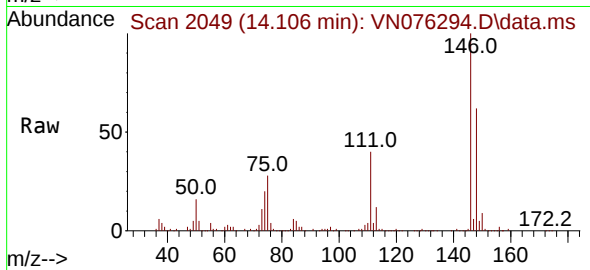
Tgt Ion:117 Resp: 59405
Ion Ratio Lower Upper
117 100
201 70.6 37.3 111.9





#91
1,2-Dichlorobenzene
Concen: 19.165 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

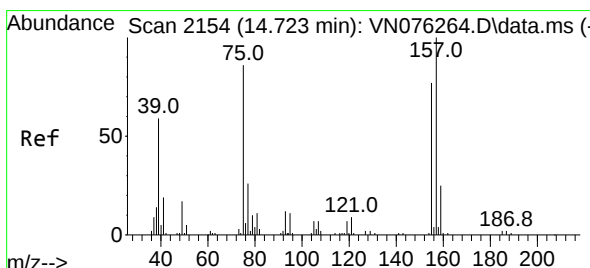
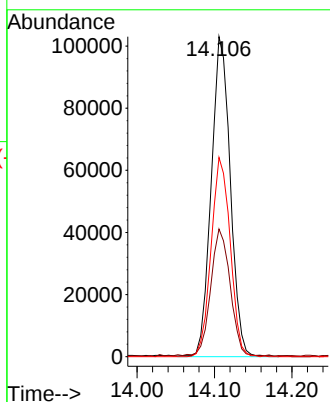
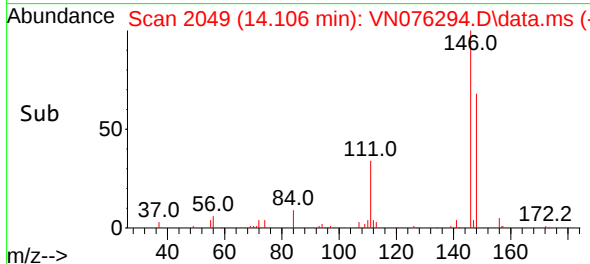
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBS01



Tgt Ion:146 Resp: 17580
Ion Ratio Lower Upper
146 100
111 40.9 20.3 60.8
148 62.4 31.8 95.4

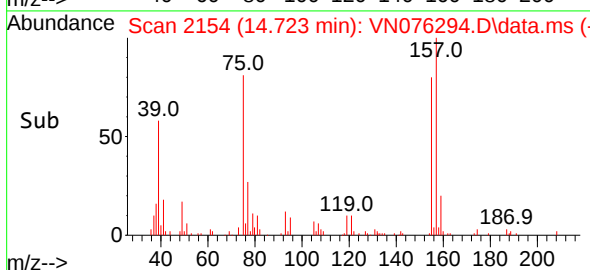
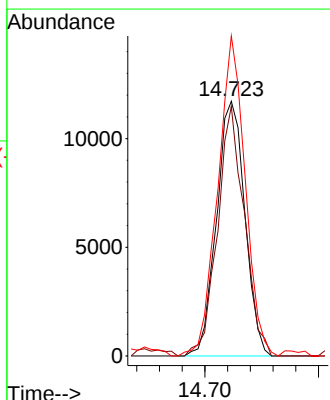
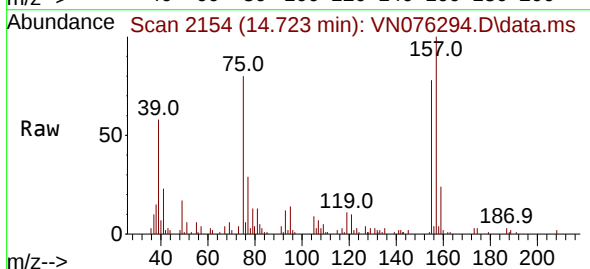
Manual Integrations
APPROVED

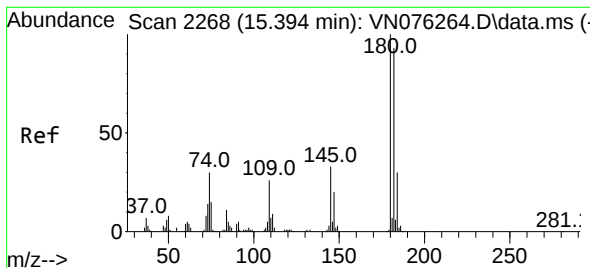
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.739 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

Tgt Ion: 75 Resp: 20251
Ion Ratio Lower Upper
75 100
155 93.0 45.0 135.0
157 121.7 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 20.080 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN076294.D

Acq: 18 Jan 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0118MBS01

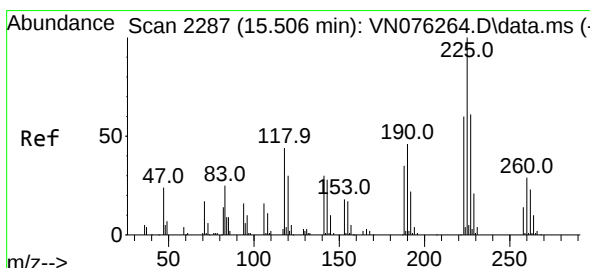
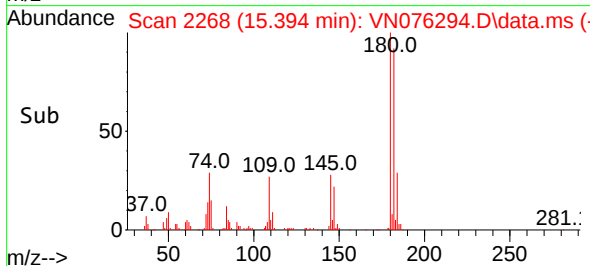
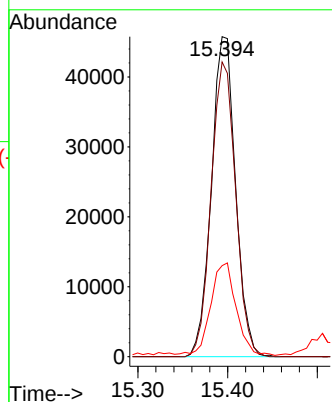
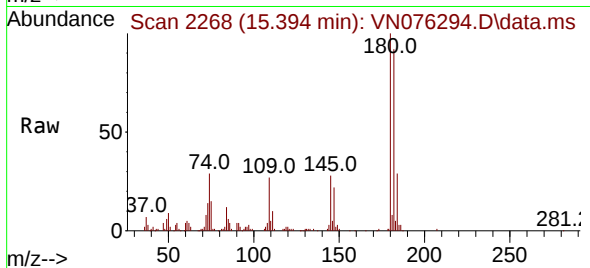
Tgt Ion:180	Resp:	85449
Ion Ratio	Lower	Upper
180	100	
182	93.3	47.0 141.2
145	30.4	15.2 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#94

Hexachlorobutadiene

Concen: 19.100 ug/l

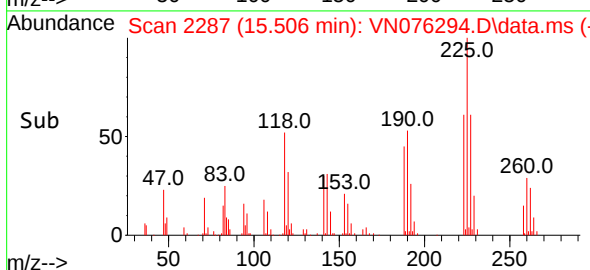
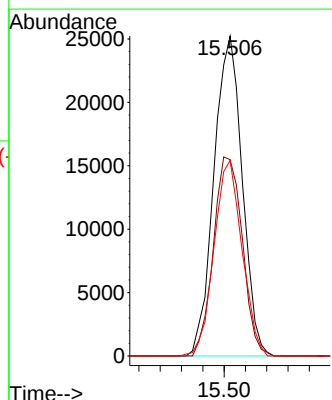
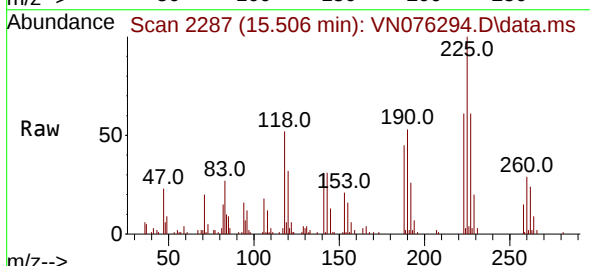
RT: 15.506 min Scan# 2287

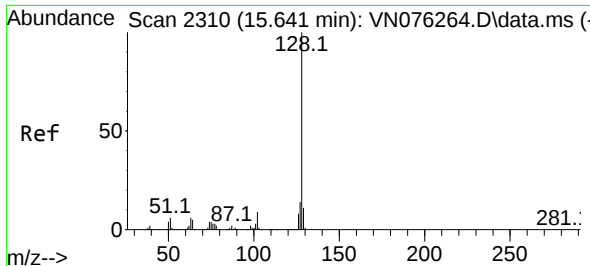
Delta R.T. -0.000 min

Lab File: VN076294.D

Acq: 18 Jan 2023 13:23

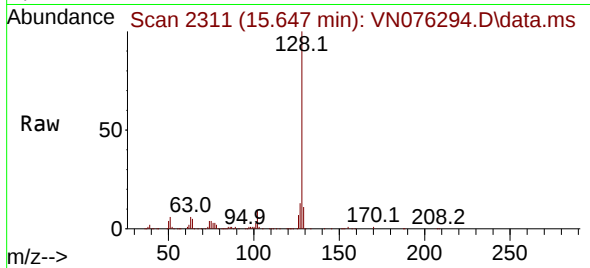
Tgt Ion:225	Resp:	46496
Ion Ratio	Lower	Upper
225	100	
223	63.4	30.8 92.3
227	60.4	30.9 92.8





#95
Naphthalene
Concen: 21.080 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

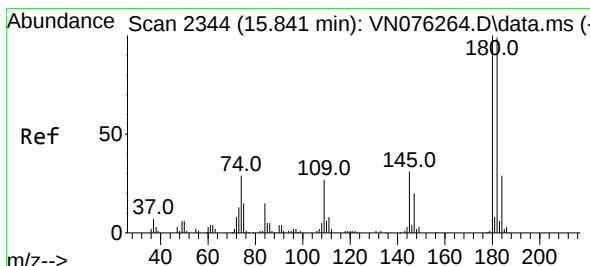
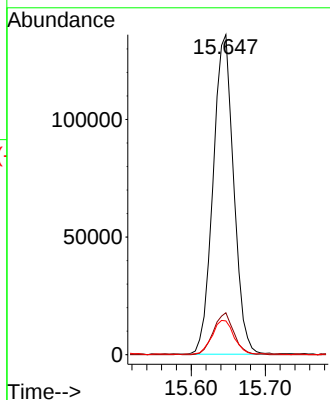
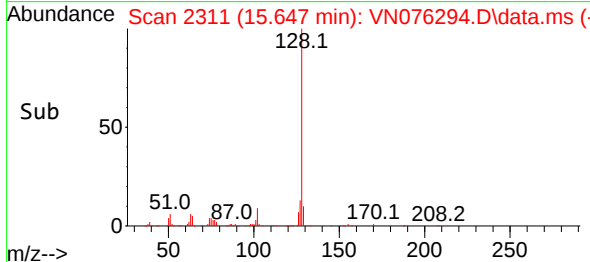
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBS01



Tgt Ion:128 Resp: 262164
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.100 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN076294.D
Acq: 18 Jan 2023 13:23

Tgt Ion:180 Resp: 81937
Ion Ratio Lower Upper
180 100
182 95.8 47.5 142.5
145 34.4 15.9 47.6

