

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011123\
 Data File : VN076209.D
 Acq On : 11 Jan 2023 14:52
 Operator : JC\MD
 Sample : VN0111MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/12/2023
 Supervised By : Mahesh Dadoda 01/12/2023

Quant Time: Jan 12 00:36:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	386296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	617048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	549220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	257696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	188320	44.811	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.620%		
35) Dibromofluoromethane	8.171	113	174542	45.676	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.360%		
50) Toluene-d8	10.570	98	624257	43.693	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	87.380%		
62) 4-Bromofluorobenzene	12.847	95	219061	46.292	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	65765	23.977	ug/l	94
3) Chloromethane	2.377	50	66233	19.419	ug/l	95
4) Vinyl Chloride	2.530	62	79666	19.582	ug/l	99
5) Bromomethane	2.965	94	62831	18.172	ug/l	92
6) Chloroethane	3.130	64	54953	18.240	ug/l	96
7) Trichlorofluoromethane	3.512	101	114940	18.619	ug/l	96
8) Diethyl Ether	3.971	74	41197	18.271	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	64254	18.227	ug/l	100
10) Methyl Iodide	4.606	142	100451	17.559	ug/l	98
11) Tert butyl alcohol	5.536	59	48905	82.241	ug/l	99
12) 1,1-Dichloroethene	4.353	96	60650	17.715	ug/l	98
13) Acrolein	4.189	56	61569	84.454	ug/l	99
14) Allyl chloride	5.041	41	69607	17.392	ug/l	90
15) Acrylonitrile	5.736	53	140253	86.428	ug/l	99
16) Acetone	4.447	43	116502	80.418	ug/l	99
17) Carbon Disulfide	4.730	76	124347	15.001	ug/l	98
18) Methyl Acetate	5.036	43	81960	19.140	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	214548	19.029	ug/l	95
20) Methylene Chloride	5.289	84	71968	18.163	ug/l	94
21) trans-1,2-Dichloroethene	5.800	96	63507	16.937	ug/l	96
22) Diisopropyl ether	6.677	45	179379	18.450	ug/l	97
23) Vinyl Acetate	6.612	43	562311	85.928	ug/l	98
24) 1,1-Dichloroethane	6.583	63	116066	17.900	ug/l	98
25) 2-Butanone	7.488	43	177346	87.430	ug/l	97
26) 2,2-Dichloropropane	7.500	77	92171	16.785	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	77597	17.304	ug/l	95
28) Bromochloromethane	7.818	49	54875	19.309	ug/l	97
29) Tetrahydrofuran	7.847	42	115512	90.871	ug/l	99
30) Chloroform	7.971	83	128674	17.625	ug/l	93
31) Cyclohexane	8.265	56	101938	16.937	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	115801	17.892	ug/l	96
36) 1,1-Dichloropropene	8.377	75	90018	17.733	ug/l	98
37) Ethyl Acetate	7.571	43	75260	18.458	ug/l	97
38) Carbon Tetrachloride	8.371	117	98639	17.362	ug/l	93
39) Methylcyclohexane	9.606	83	115003	18.779	ug/l	97
40) Benzene	8.612	78	281590	17.979	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	37768	17.820	ug/l	94
42) 1,2-Dichloroethane	8.677	62	94155	18.083	ug/l	99
43) Isopropyl Acetate	8.694	43	129893	19.312	ug/l	98
44) Trichloroethene	9.359	130	78040	17.687	ug/l	95
45) 1,2-Dichloropropane	9.623	63	67207	17.634	ug/l	99
46) Dibromomethane	9.712	93	48988	17.330	ug/l	98
47) Bromodichloromethane	9.894	83	95511	17.229	ug/l	93
48) Methyl methacrylate	9.682	41	56796	18.749	ug/l	98
49) 1,4-Dioxane	9.694	88	24931	334.758	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	375240	92.251	ug/l	99
52) Toluene	10.629	92	187259	18.358	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	95235	17.550	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	107991	18.126	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	73246	18.295	ug/l	97
56) Ethyl methacrylate	10.876	69	98837	18.586	ug/l	97
57) 1,3-Dichloropropane	11.165	76	120027	18.277	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	150699	89.007	ug/l	100
59) 2-Hexanone	11.200	43	270641	91.236	ug/l	98
60) Dibromochloromethane	11.359	129	76810	17.251	ug/l	98
61) 1,2-Dibromoethane	11.470	107	73762	18.206	ug/l	99
64) Tetrachloroethene	11.106	164	82966	21.467	ug/l	96
65) Chlorobenzene	11.894	112	196800	17.458	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	74451	17.831	ug/l	100
67) Ethyl Benzene	11.965	91	352930	18.551	ug/l	99
68) m/p-Xylenes	12.070	106	284664	37.803	ug/l	99
69) o-Xylene	12.400	106	142455	19.116	ug/l	99
70) Styrene	12.412	104	224211	18.923	ug/l	98
71) Bromoform	12.582	173	52301	17.214	ug/l #	99
73) Isopropylbenzene	12.700	105	365929	19.650	ug/l	100
74) N-amyl acetate	12.494	43	104111	19.057	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	97782	16.985	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	96384m	18.555	ug/l	
77) Bromobenzene	12.982	156	85501	18.142	ug/l	98
78) n-propylbenzene	13.035	91	401408	19.543	ug/l	100
79) 2-Chlorotoluene	13.129	91	242869	18.943	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	304397	19.530	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	24617	17.058	ug/l	93
82) 4-Chlorotoluene	13.129	91	242869	18.943	ug/l	100
83) tert-Butylbenzene	13.441	119	284442	20.699	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	302592	19.570	ug/l	98
85) sec-Butylbenzene	13.617	105	369506	19.482	ug/l	98
86) p-Isopropyltoluene	13.729	119	313614	19.872	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	154879	17.791	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	151227	17.005	ug/l	98
89) n-Butylbenzene	14.059	91	237982	18.613	ug/l	100
90) Hexachloroethane	14.335	117	51284	18.166	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	151807	17.704	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	14451	14.147	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	70390	16.581	ug/l	99
94) Hexachlorobutadiene	15.500	225	38941	16.813	ug/l	98
95) Naphthalene	15.641	128	244468	18.850	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	69930	17.624	ug/l	99

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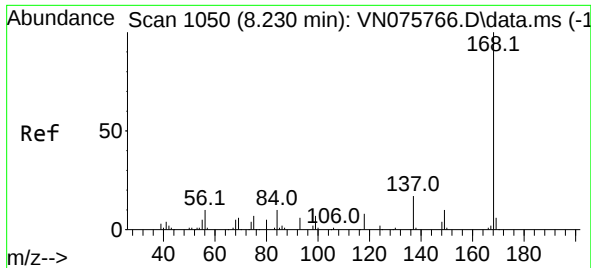
Manual Integrations
APPROVED

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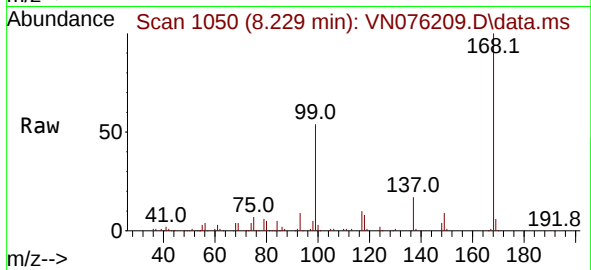
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
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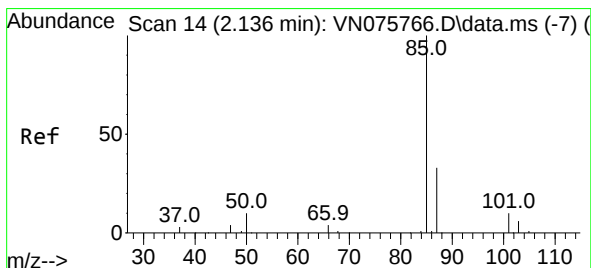
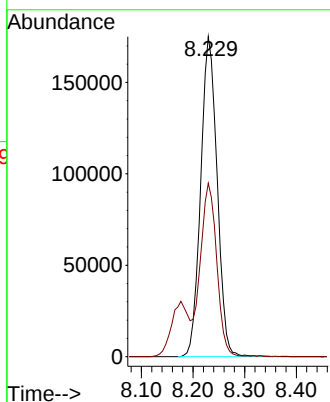
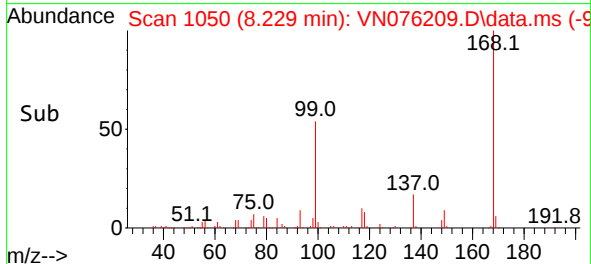
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01



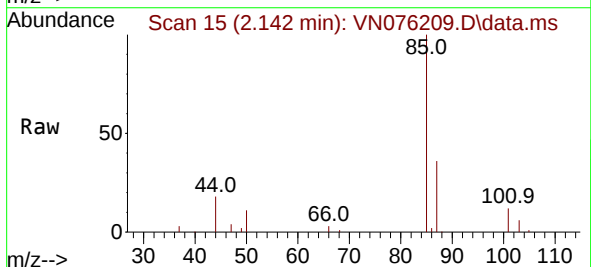
Tgt Ion:168 Resp: 386290
Ion Ratio Lower Upper
168 100
99 54.1 44.2 66.4

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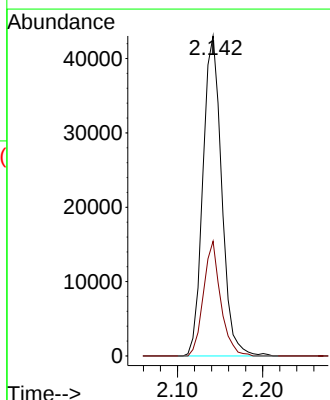
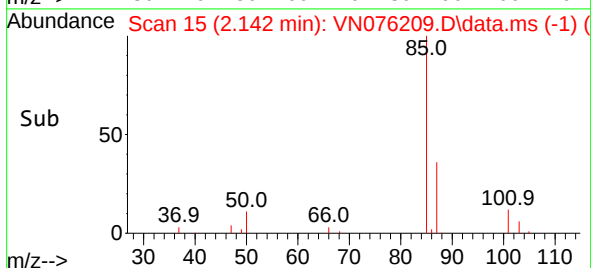
Reviewed By :John Carlone 01/12/2023
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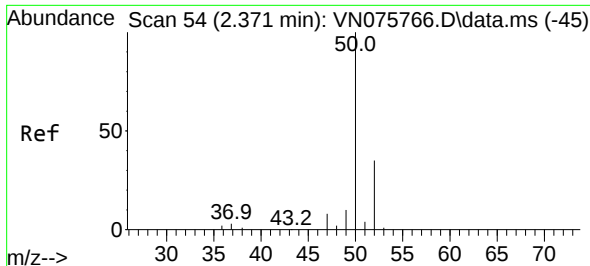


#2
Dichlorodifluoromethane
Concen: 23.977 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52



Tgt Ion: 85 Resp: 65765
Ion Ratio Lower Upper
85 100
87 35.8 16.3 48.9





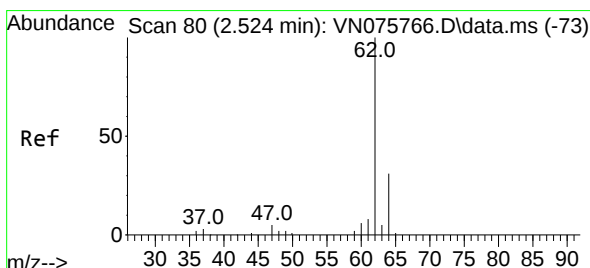
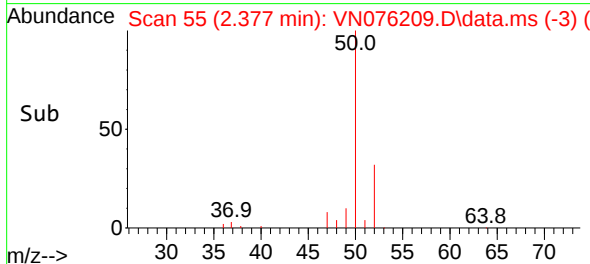
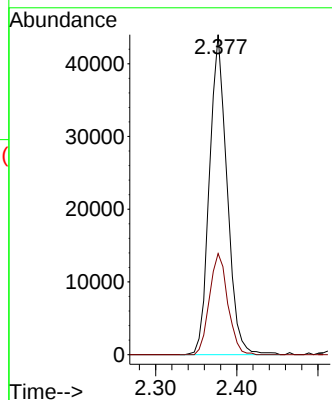
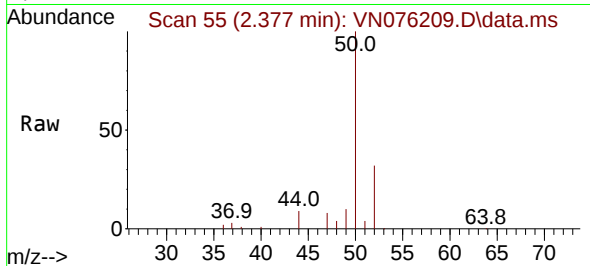
#3
Chloromethane
Concen: 19.419 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

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ClientSampleId :
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Tgt Ion: 50 Resp: 6623
Ion Ratio Lower Upper
50 100
52 31.6 27.7 41.5

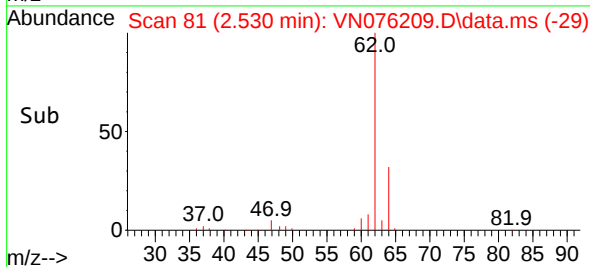
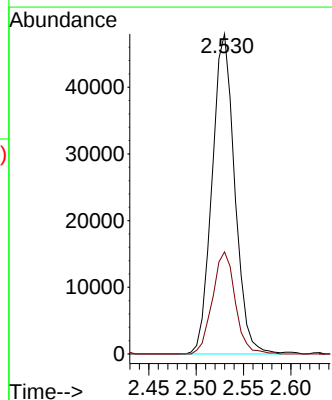
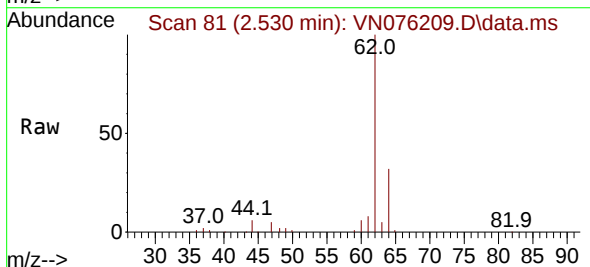
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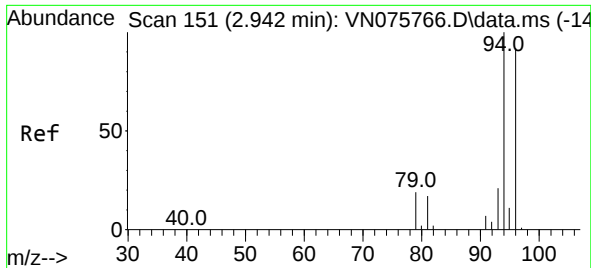
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#4
Vinyl Chloride
Concen: 19.582 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

Tgt Ion: 62 Resp: 79666
Ion Ratio Lower Upper
62 100
64 31.9 24.9 37.3





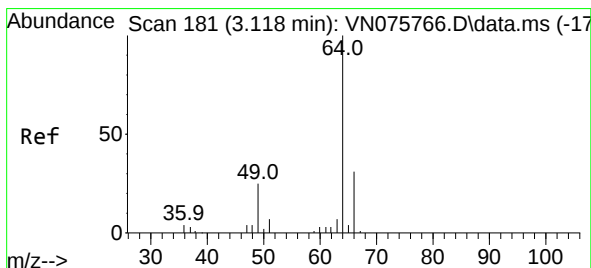
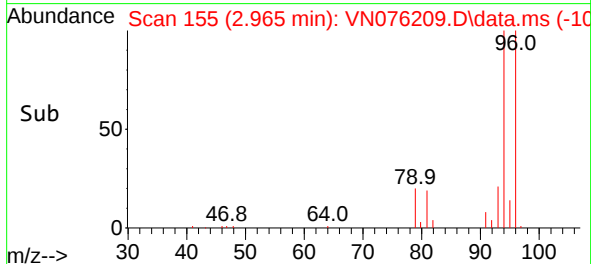
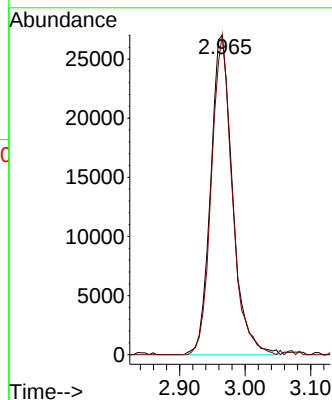
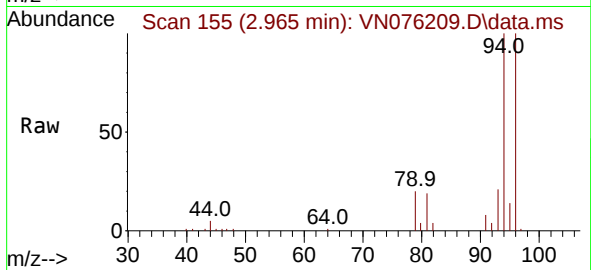
#5
Bromomethane
Concen: 18.172 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

Instrument :
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Tgt Ion: 94 Resp: 6283
Ion Ratio Lower Upper
94 100
96 100.1 73.8 110.6

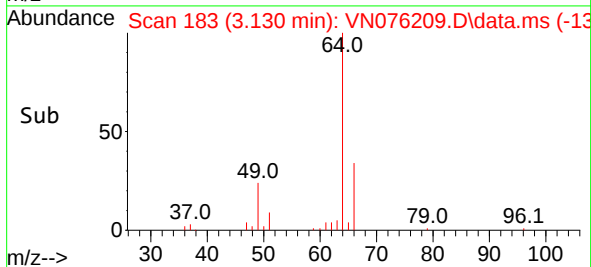
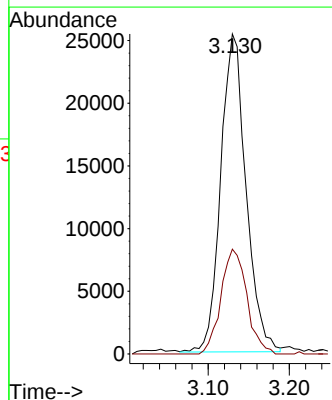
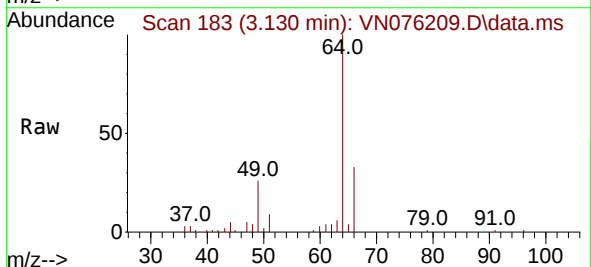
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#6
Chloroethane
Concen: 18.240 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

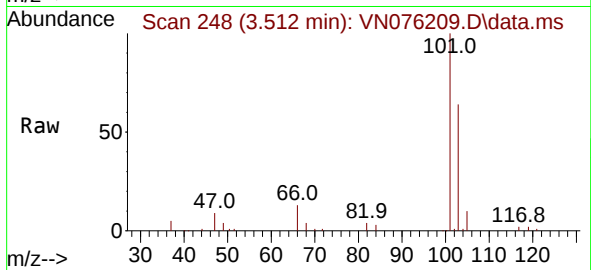
Tgt Ion: 64 Resp: 54953
Ion Ratio Lower Upper
64 100
66 33.0 24.6 36.8





#7
Trichlorofluoromethane
Concen: 18.619 ug/l
RT: 3.512 min Scan# 246
Delta R.T. 0.012 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

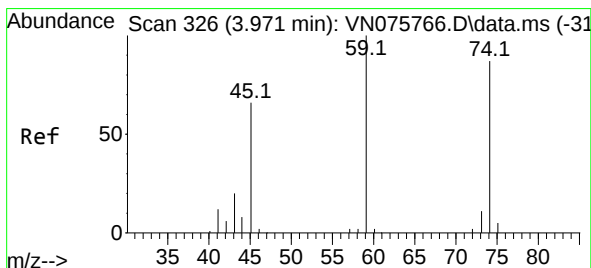
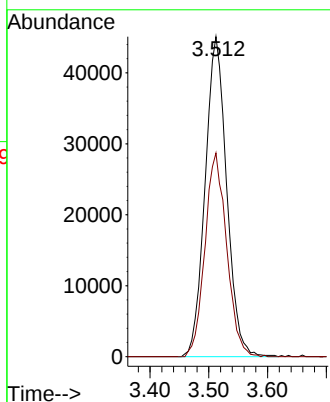
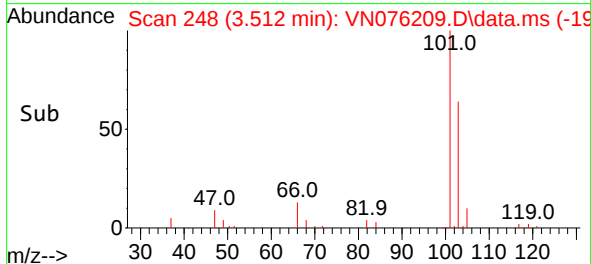
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MSVOA_N
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VN0111MBS01



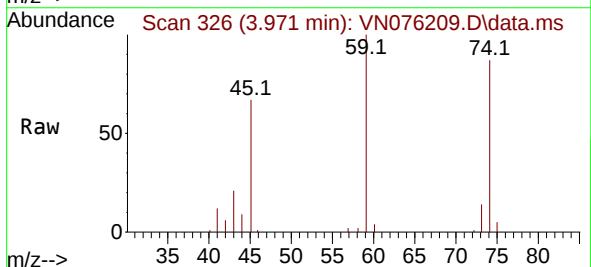
Tgt Ion:101 Resp: 114940
Ion Ratio Lower Upper
101 100
103 63.7 53.4 80.2

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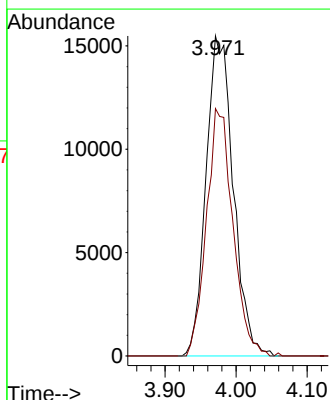
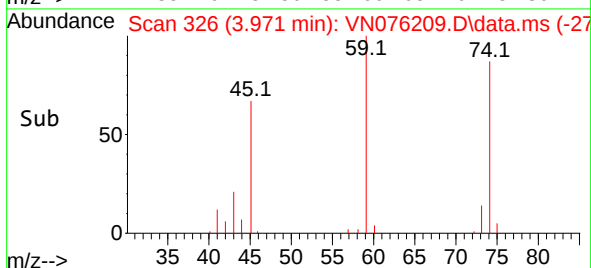
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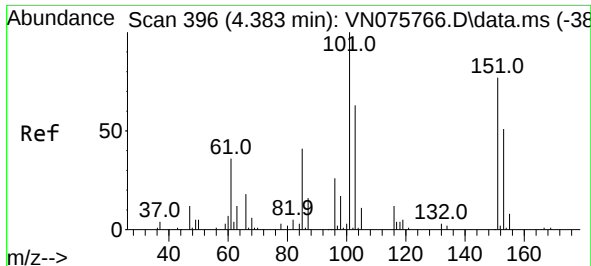


#8
Diethyl Ether
Concen: 18.271 ug/l
RT: 3.971 min Scan# 326
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52



Tgt Ion: 74 Resp: 41197
Ion Ratio Lower Upper
74 100
45 75.2 37.8 113.4





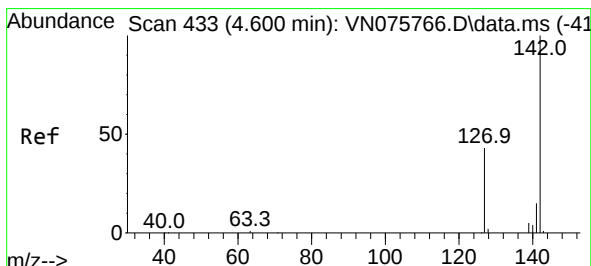
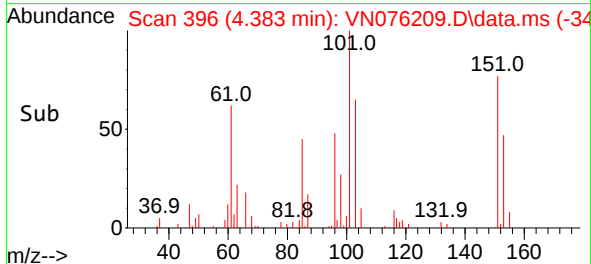
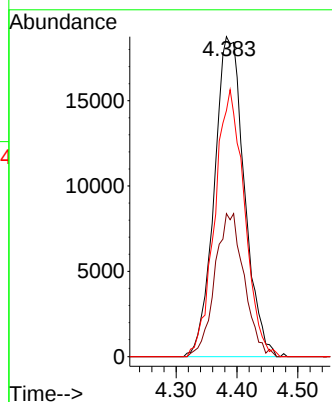
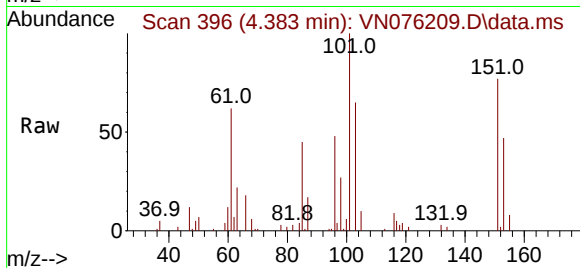
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.227 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01

Tgt Ion:101 Resp: 64254
Ion Ratio Lower Upper
101 100
85 43.8 35.3 52.9
151 82.4 65.6 98.4

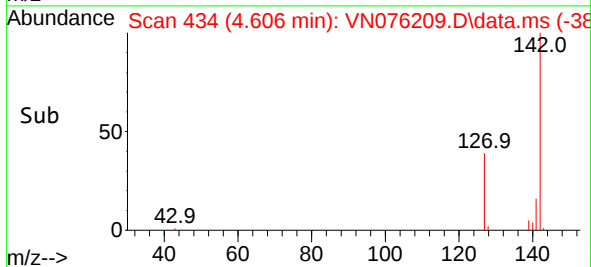
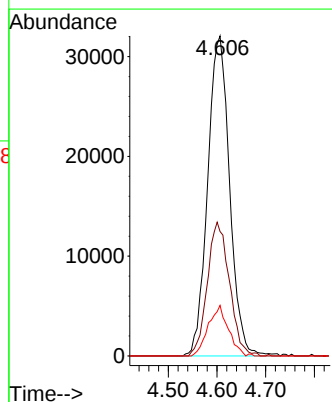
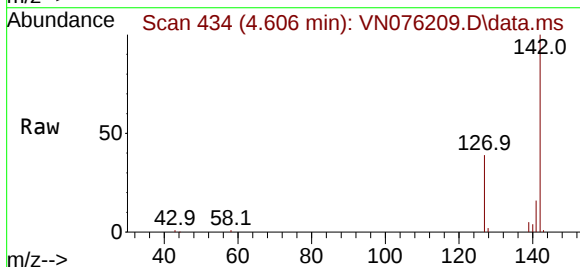
Manual Integrations
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Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#10
Methyl Iodide
Concen: 17.559 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

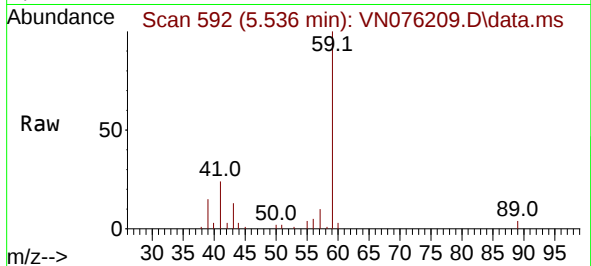
Tgt Ion:142 Resp: 100451
Ion Ratio Lower Upper
142 100
127 42.0 34.7 52.1
141 14.5 11.4 17.2





#11
Tert butyl alcohol
Concen: 82.241 ug/l
RT: 5.536 min Scan# 591
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

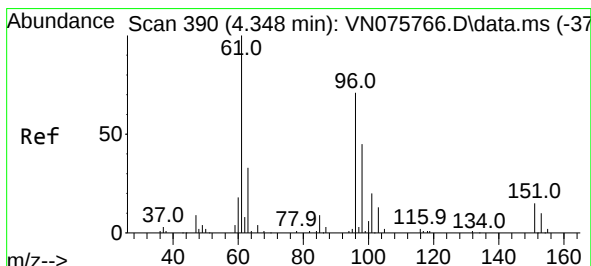
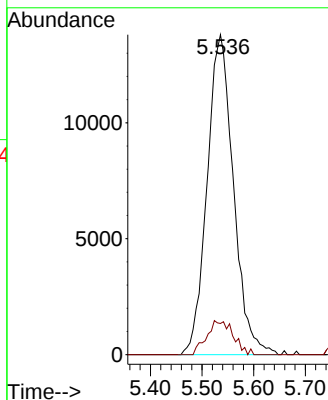
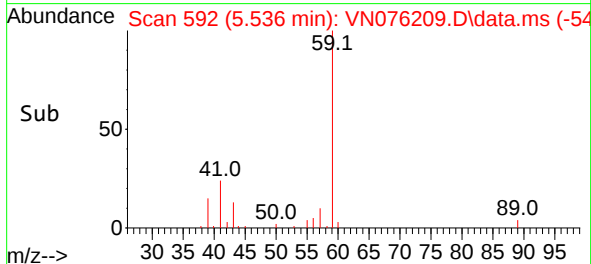
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01



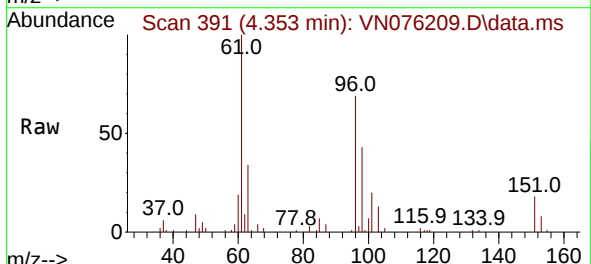
Tgt Ion: 59 Resp: 4890
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

Manual Integrations
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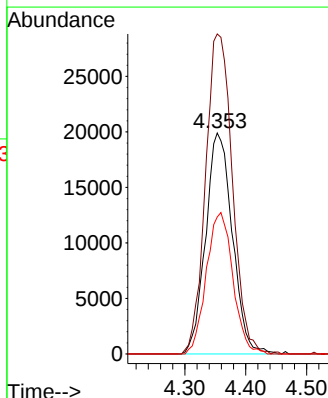
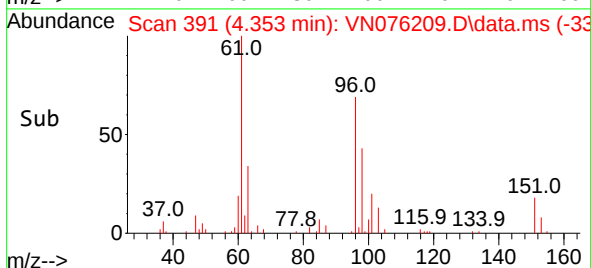
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#12
1,1-Dichloroethene
Concen: 17.715 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52



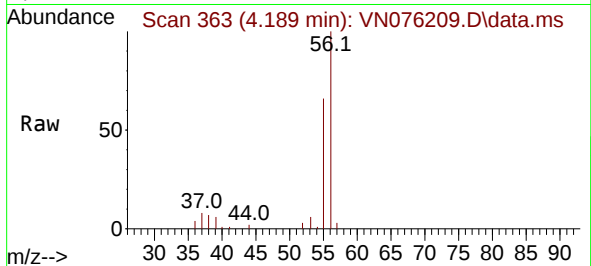
Tgt Ion: 96 Resp: 60650
Ion Ratio Lower Upper
96 100
61 144.8 113.3 169.9
98 62.0 50.9 76.3





#13
Acrolein
Concen: 84.454 ug/l
RT: 4.189 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

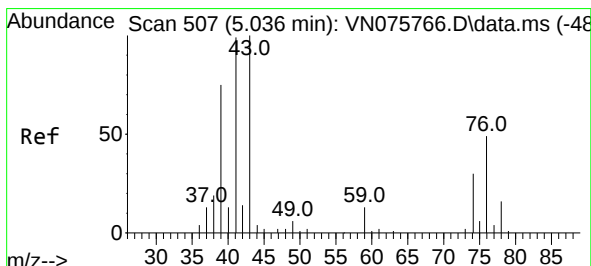
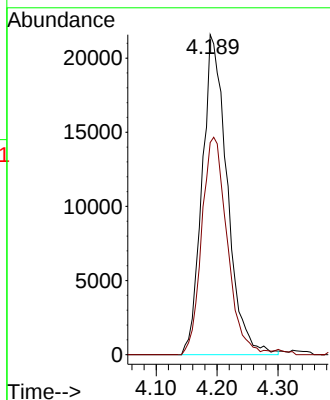
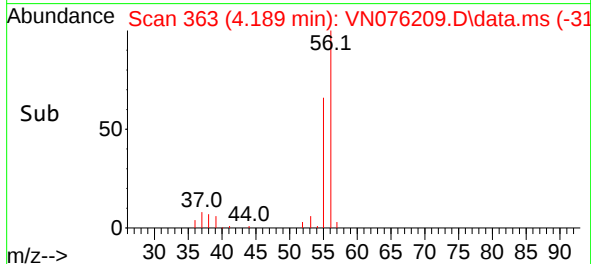
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01



Tgt Ion: 56 Resp: 61569
Ion Ratio Lower Upper
56 100
55 69.4 54.8 82.2

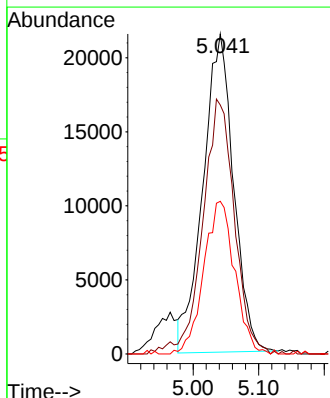
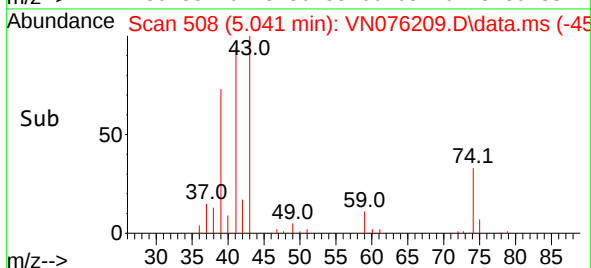
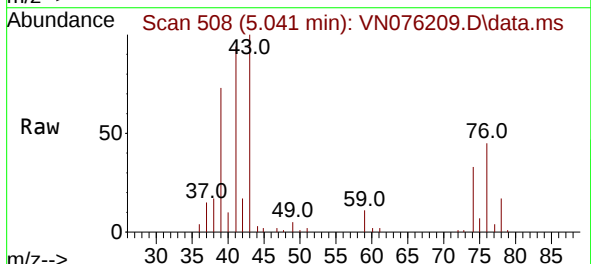
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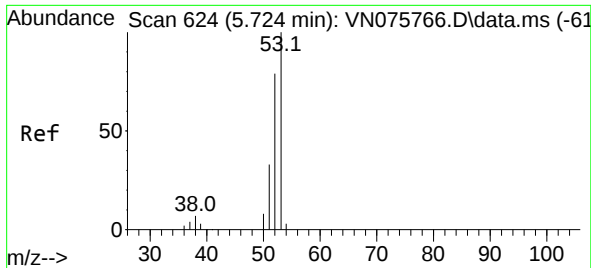
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#14
Allyl chloride
Concen: 17.392 ug/l
RT: 5.041 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

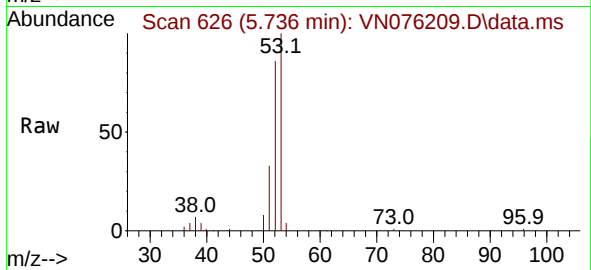
Tgt Ion: 41 Resp: 69607
Ion Ratio Lower Upper
41 100
39 83.0 58.3 87.5
76 48.6 35.8 53.6





#15
Acrylonitrile
Concen: 86.428 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

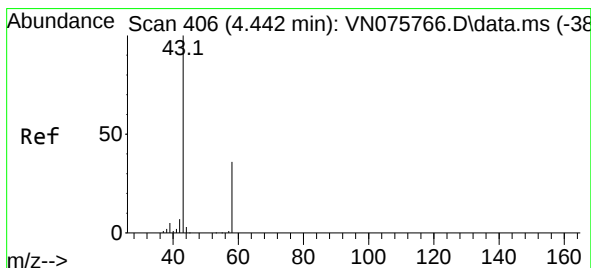
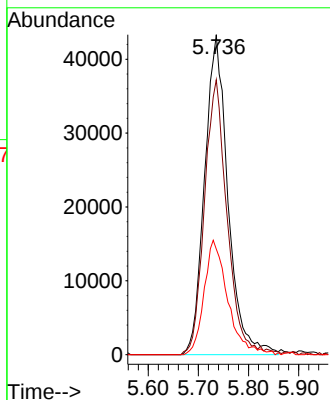
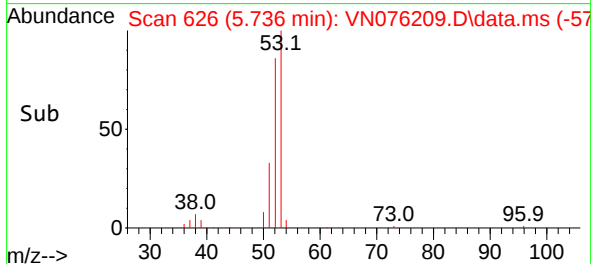
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01



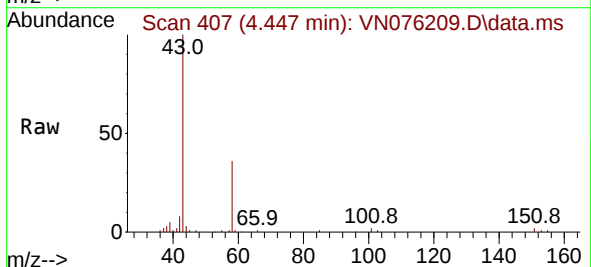
Tgt Ion: 53 Resp: 14025
Ion Ratio Lower Upper
53 100
52 83.4 65.4 98.0
51 36.3 28.9 43.3

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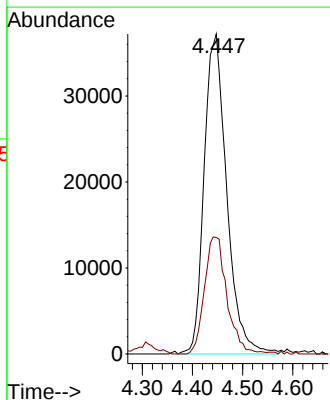
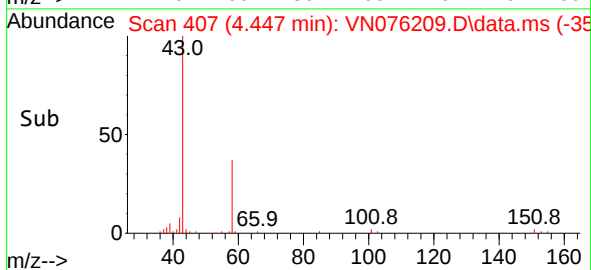
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

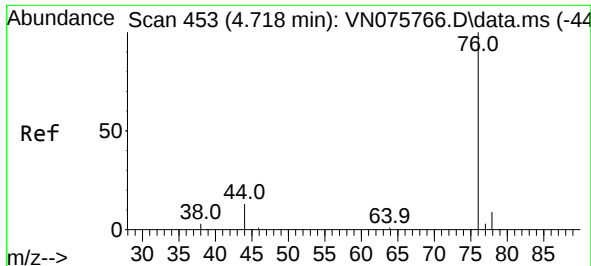


#16
Acetone
Concen: 80.418 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52



Tgt Ion: 43 Resp: 116502
Ion Ratio Lower Upper
43 100
58 36.4 28.6 43.0





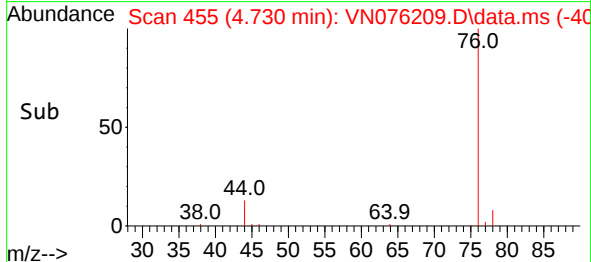
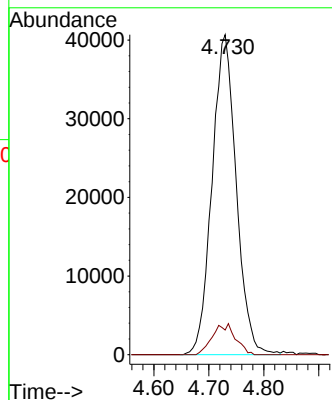
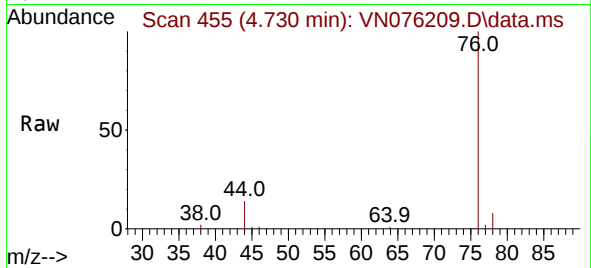
#17
Carbon Disulfide
Concen: 15.001 ug/l
RT: 4.730 min Scan# 453
Delta R.T. 0.012 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01

Tgt Ion: 76 Resp: 12434
Ion Ratio Lower Upper
76 100
78 7.7 6.8 10.2

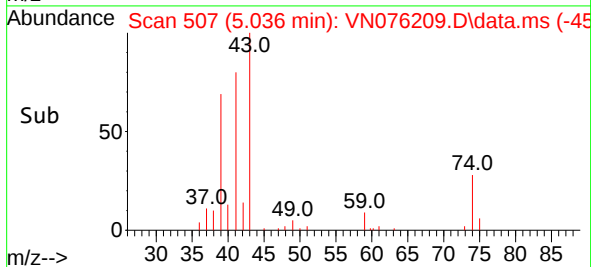
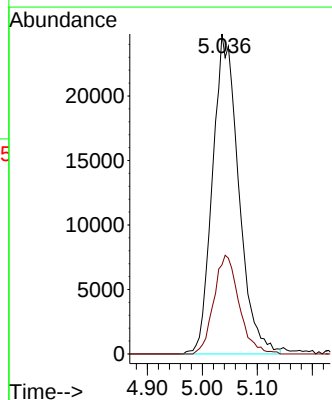
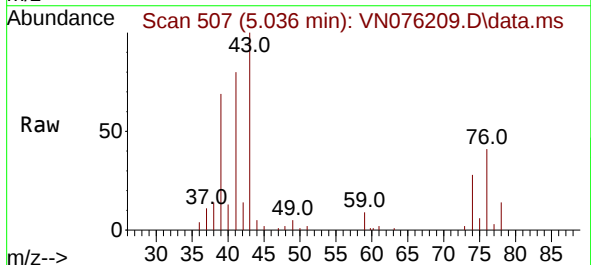
Manual Integrations
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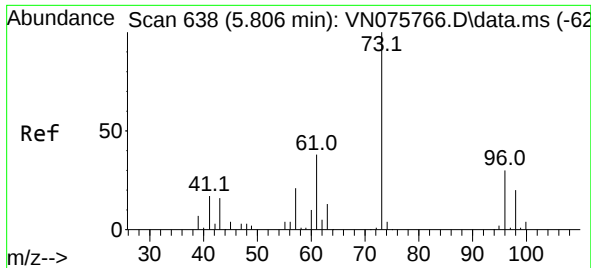
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#18
Methyl Acetate
Concen: 19.140 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

Tgt Ion: 43 Resp: 81960
Ion Ratio Lower Upper
43 100
74 29.7 23.6 35.4





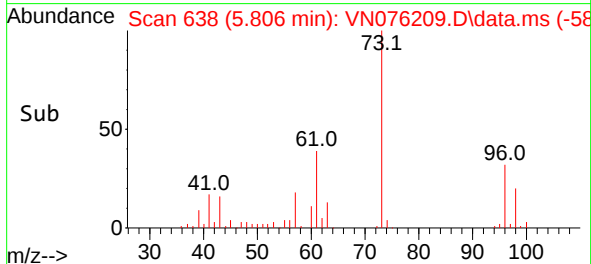
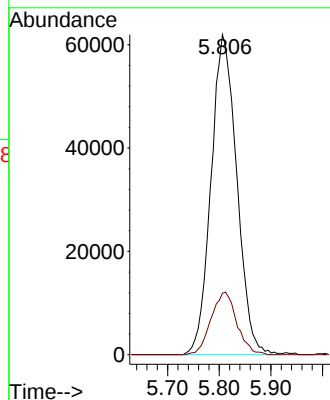
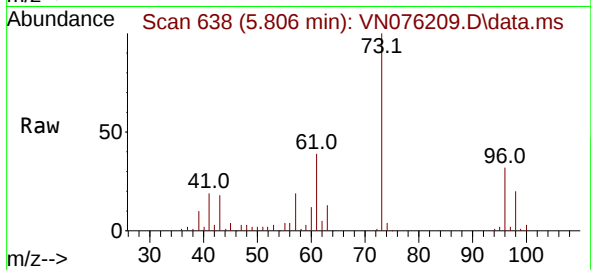
#19
Methyl tert-butyl Ether
Concen: 19.029 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01

Tgt Ion: 73 Resp: 21454
Ion Ratio Lower Upper
73 100
57 19.2 17.1 25.7

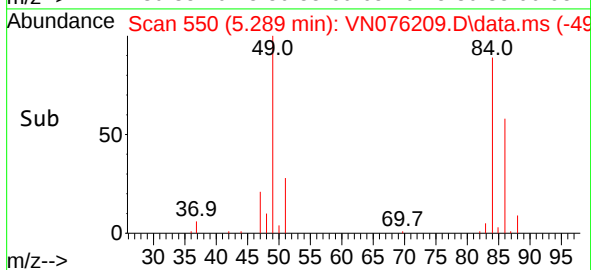
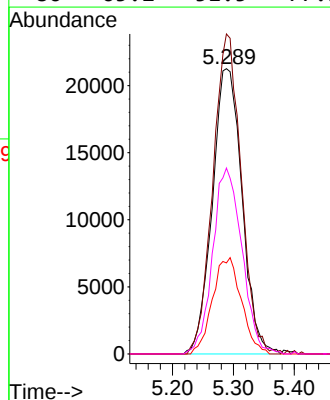
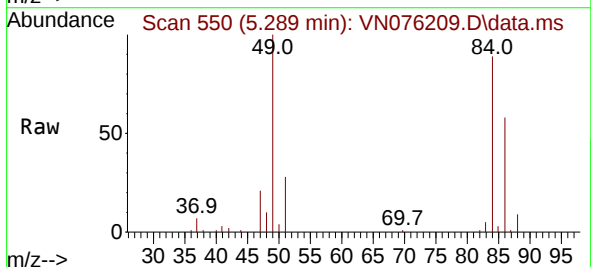
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#20
Methylene Chloride
Concen: 18.163 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

Tgt Ion: 84 Resp: 71968
Ion Ratio Lower Upper
84 100
49 112.2 81.8 122.6
51 31.9 26.7 40.1
86 65.2 51.5 77.3





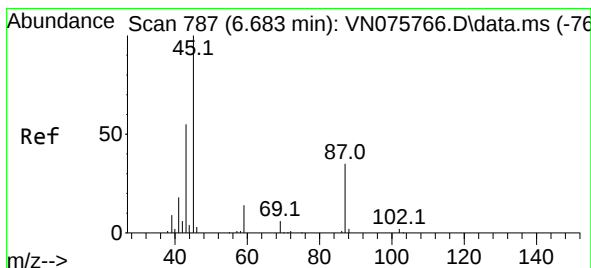
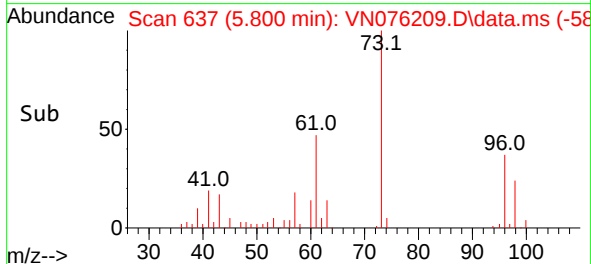
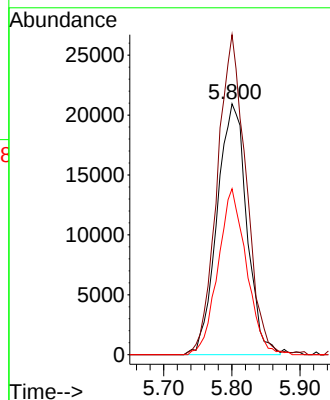
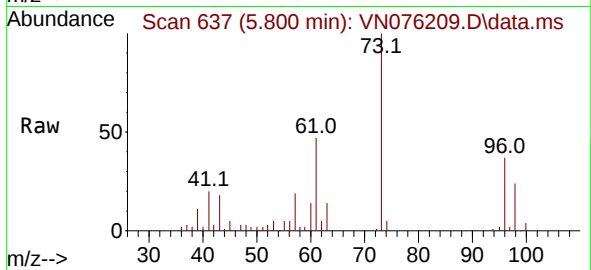
#21
trans-1,2-Dichloroethene
Concen: 16.937 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01

Tgt Ion: 96 Resp: 6350
Ion Ratio Lower Upper
96 100
61 127.5 98.1 147.1
98 66.2 51.4 77.2

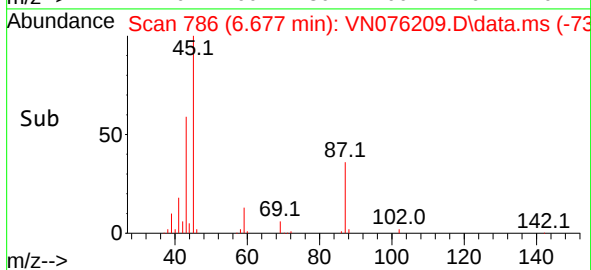
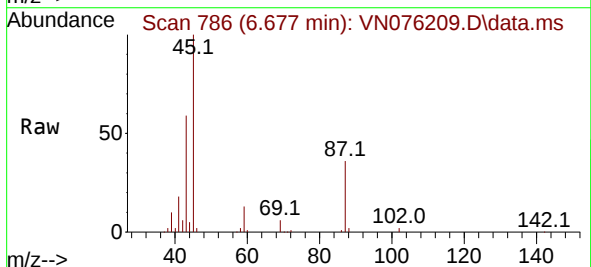
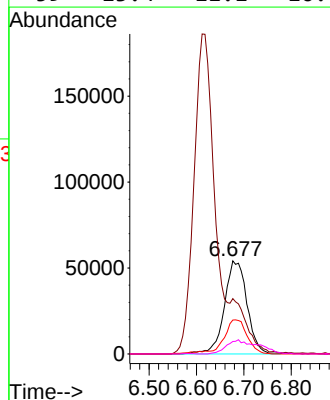
Manual Integrations
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Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#22
Diisopropyl ether
Concen: 18.450 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

Tgt Ion: 45 Resp: 179379
Ion Ratio Lower Upper
45 100
43 57.8 44.2 66.4
87 36.5 28.3 42.5
59 13.4 11.1 16.7





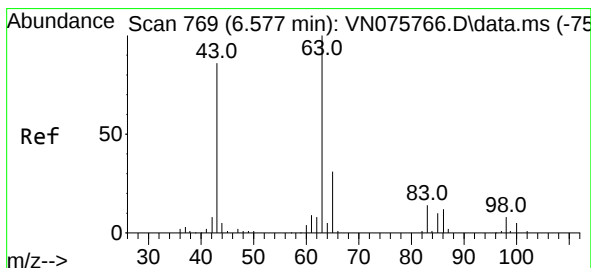
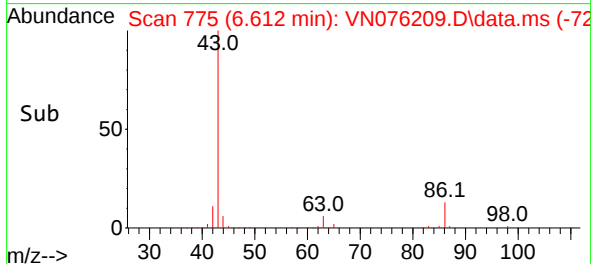
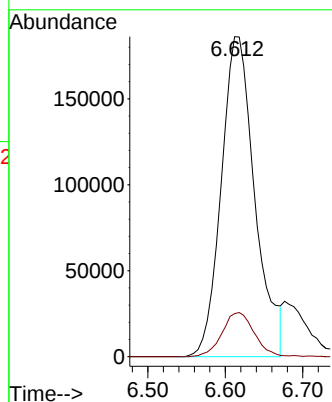
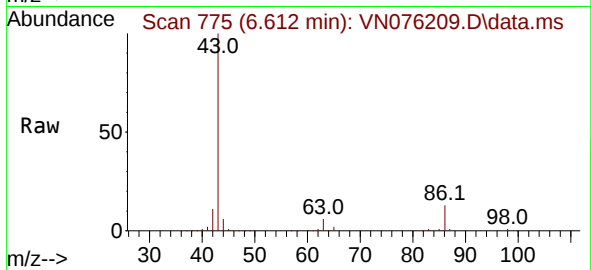
#23
 Vinyl Acetate
 Concen: 85.928 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN076209.D
 Acq: 11 Jan 2023 14:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111MBS01

Tgt Ion: 43 Resp: 56231
 Ion Ratio Lower Upper
 43 100
 86 13.5 11.4 17.2

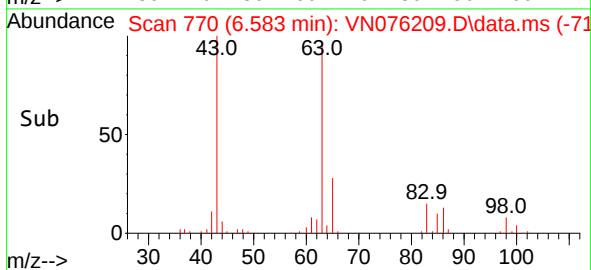
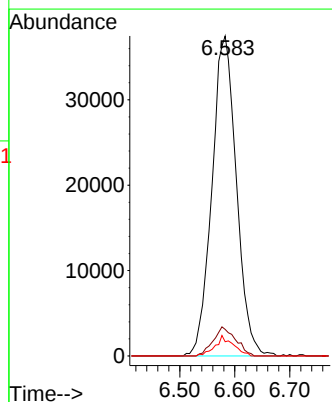
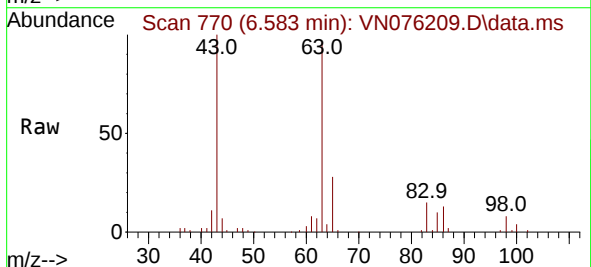
Manual Integrations
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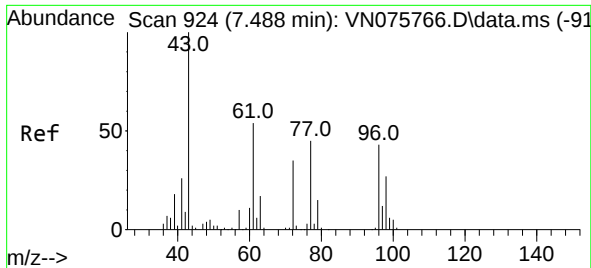
Reviewed By :John Carlone 01/12/2023
 Supervised By :Mahesh Dadoda 01/12/2023



#24
 1,1-Dichloroethane
 Concen: 17.900 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN076209.D
 Acq: 11 Jan 2023 14:52

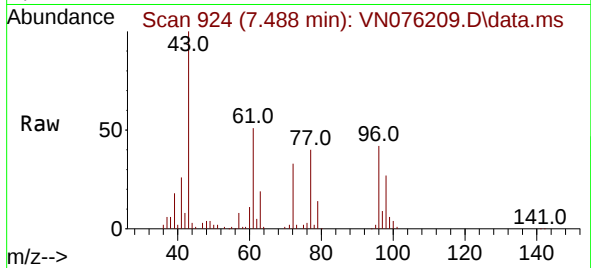
Tgt Ion: 63 Resp: 116066
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.9 11.5
 100 4.5 2.5 7.6





#25
2-Butanone
Concen: 87.430 ug/l
RT: 7.488 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

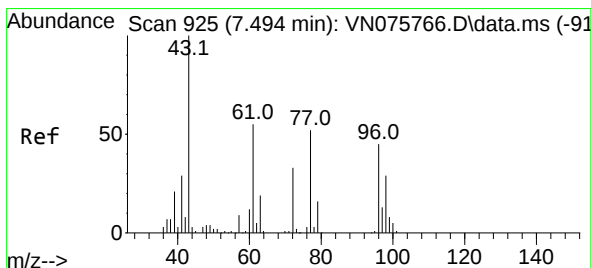
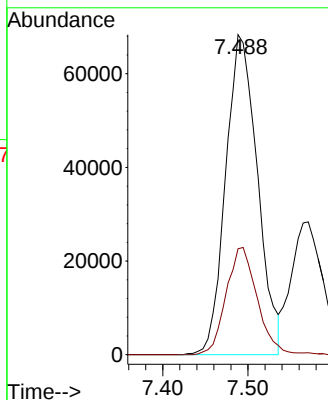
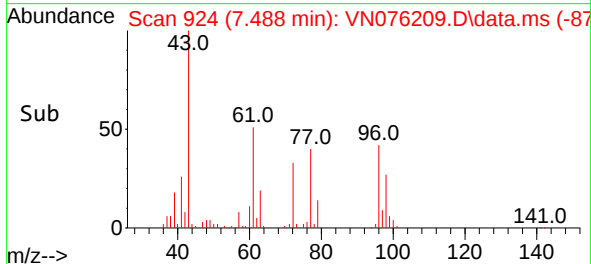
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01



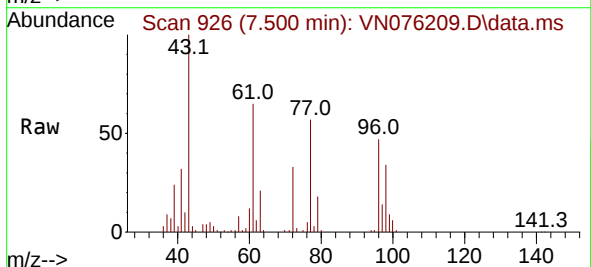
Tgt Ion: 43 Resp: 177340
Ion Ratio Lower Upper
43 100
72 33.1 28.0 42.0

Manual Integrations
APPROVED

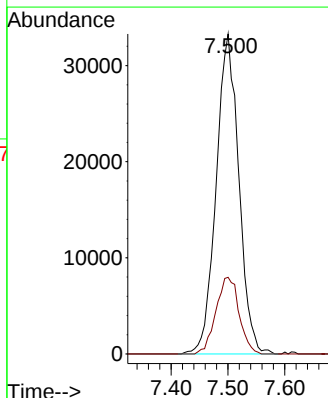
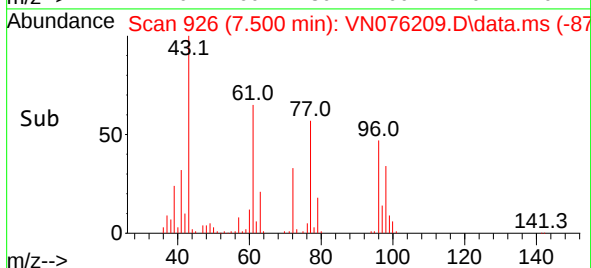
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

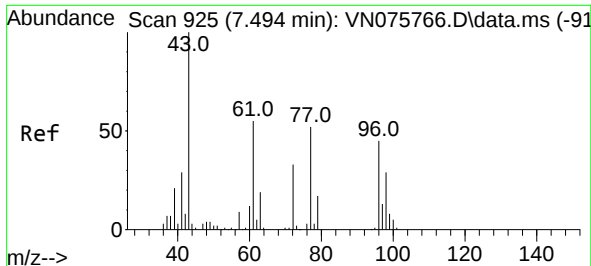


#26
2,2-Dichloropropane
Concen: 16.785 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52



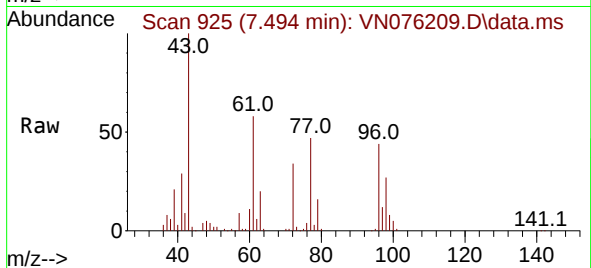
Tgt Ion: 77 Resp: 92171
Ion Ratio Lower Upper
77 100
97 24.5 12.7 38.0





#27
cis-1,2-Dichloroethene
Concen: 17.304 ug/l
RT: 7.494 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

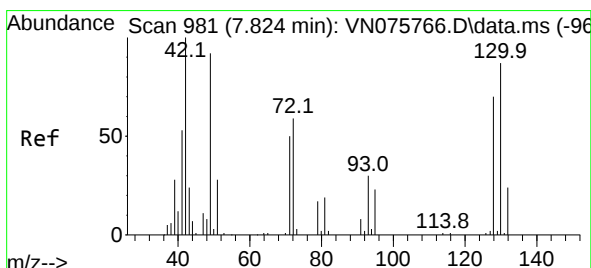
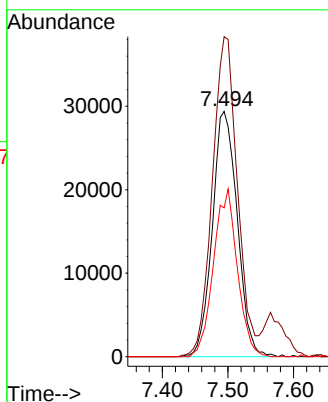
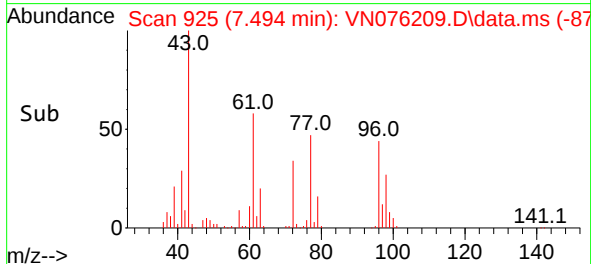
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01



Tgt Ion: 96 Resp: 7759
Ion Ratio Lower Upper
96 100
61 131.1 0.0 247.8
98 65.3 0.0 128.4

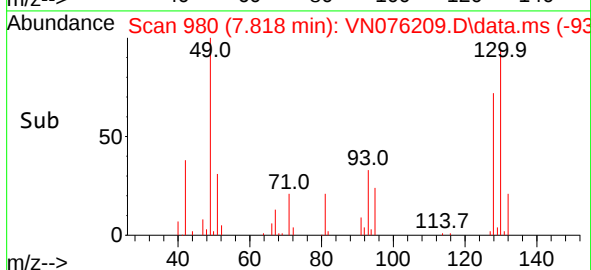
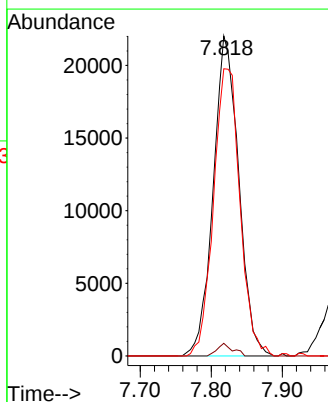
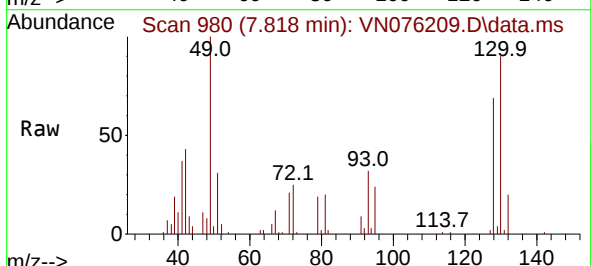
Manual Integrations
APPROVED

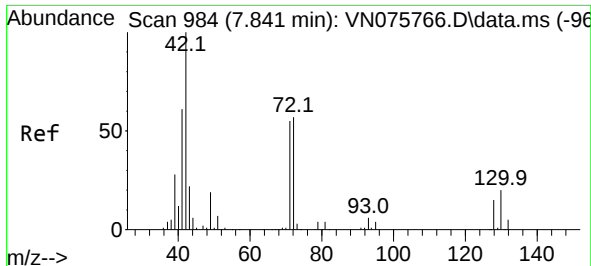
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#28
Bromochloromethane
Concen: 19.309 ug/l
RT: 7.818 min Scan# 980
Delta R.T. -0.006 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

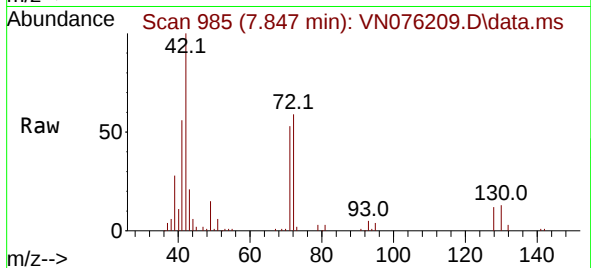
Tgt Ion: 49 Resp: 54875
Ion Ratio Lower Upper
49 100
129 2.4 0.0 5.0
130 93.1 77.0 115.4





#29
Tetrahydrofuran
Concen: 90.871 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.006 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

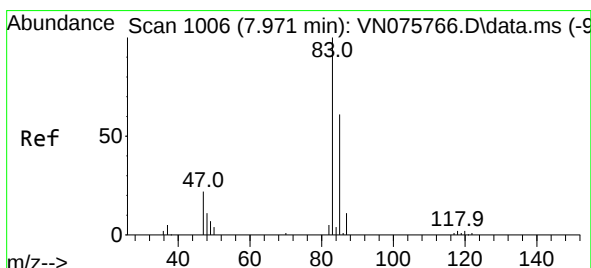
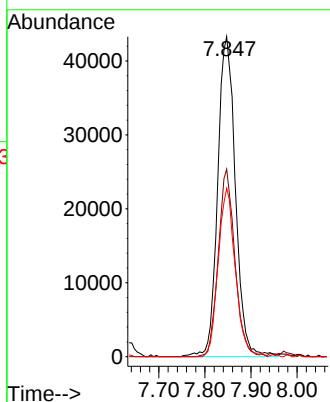
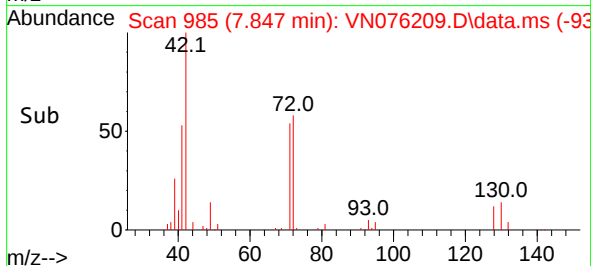
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01



Tgt Ion: 42 Resp: 115512
Ion Ratio Lower Upper
42 100
72 54.8 44.5 66.7
71 50.7 41.0 61.6

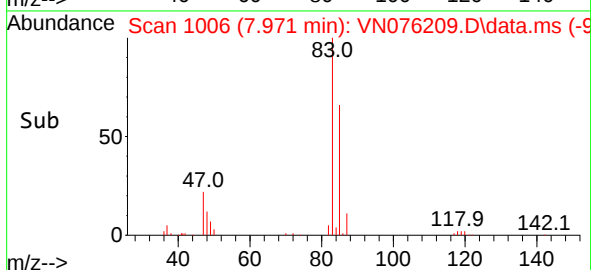
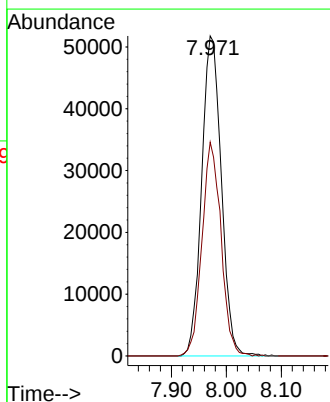
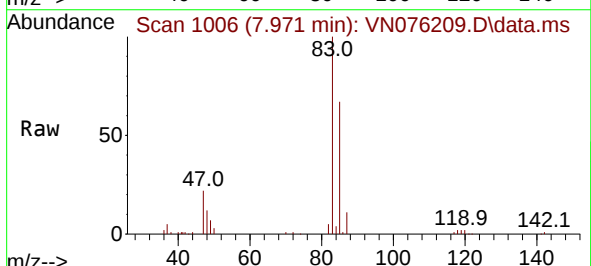
Manual Integrations
APPROVED

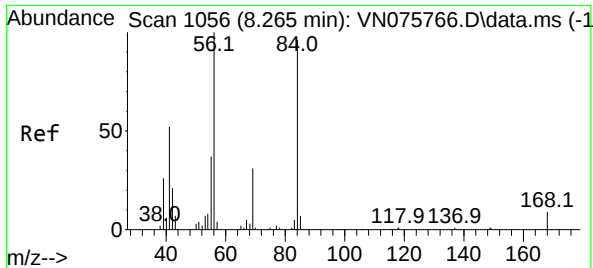
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#30
Chloroform
Concen: 17.625 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

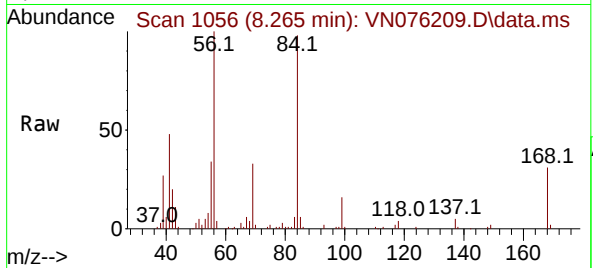
Tgt Ion: 83 Resp: 128674
Ion Ratio Lower Upper
83 100
85 66.8 49.1 73.7





#31
Cyclohexane
Concen: 16.937 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

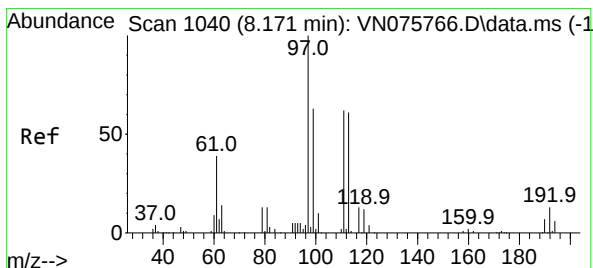
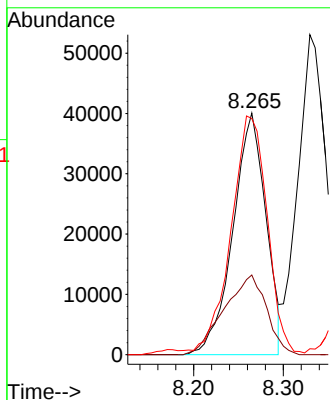
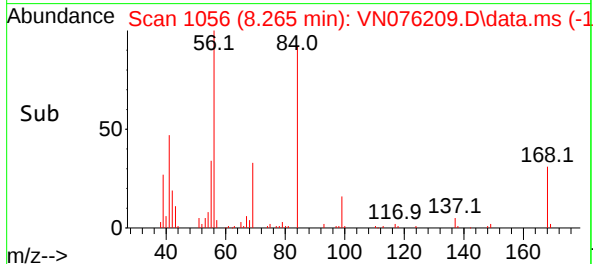
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01



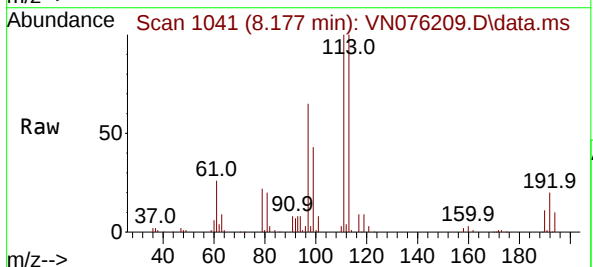
Tgt Ion: 56 Resp: 101938
Ion Ratio Lower Upper
56 100
69 33.0 24.7 37.1
84 96.1 76.5 114.7

Manual Integrations
APPROVED

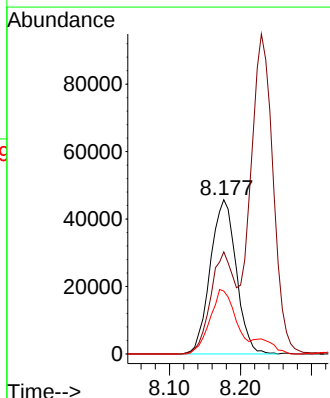
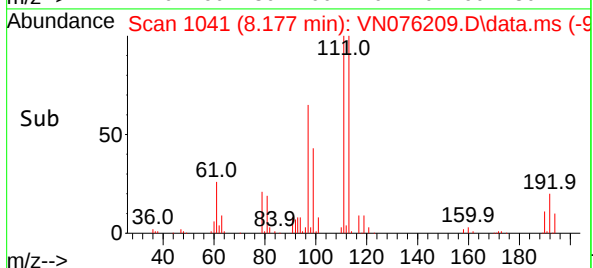
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#32
1,1,1-Trichloroethane
Concen: 17.892 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52



Tgt Ion: 97 Resp: 115801
Ion Ratio Lower Upper
97 100
99 59.3 50.2 75.2
61 41.5 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 44.811 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN076209.D

Acq: 11 Jan 2023 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN0111MBS01

Tgt Ion: 65 Resp: 188320

Ion Ratio Lower Upper

65 100

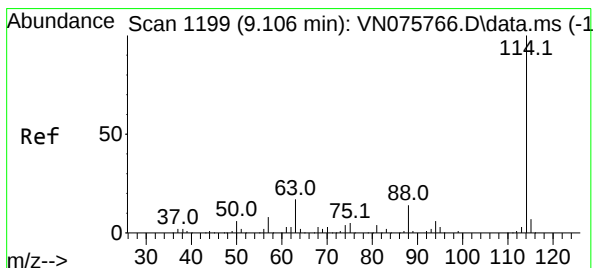
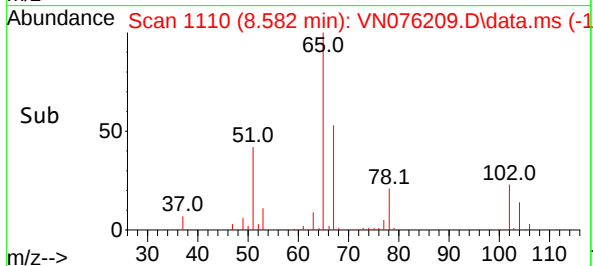
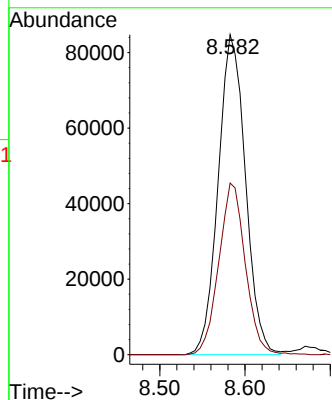
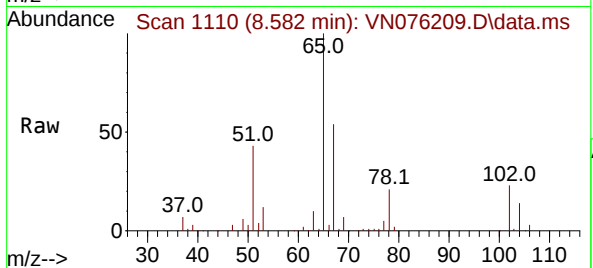
67 52.3 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076209.D

Acq: 11 Jan 2023 14:52

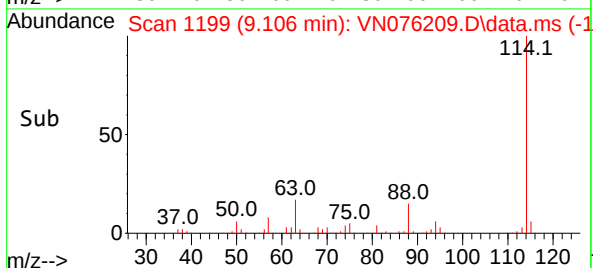
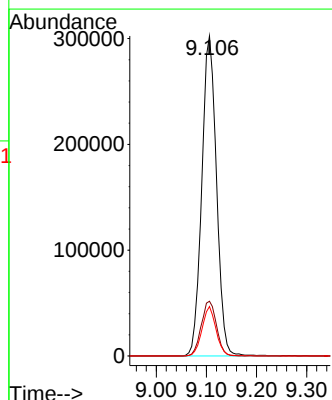
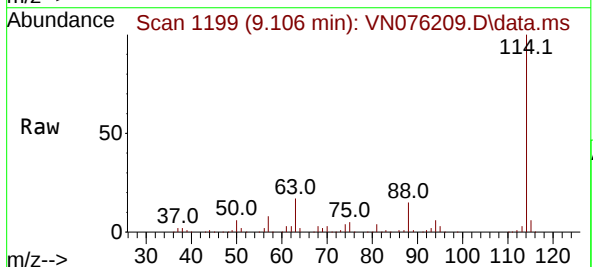
Tgt Ion:114 Resp: 617048

Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.4

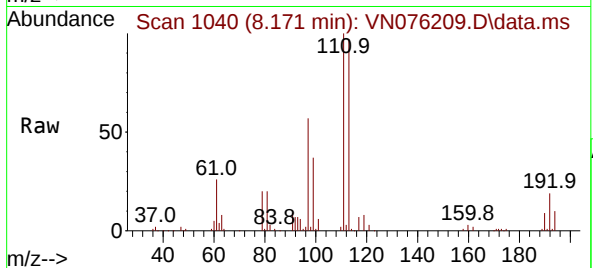
88 15.5 0.0 28.8





#35
Dibromofluoromethane
Concen: 45.676 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

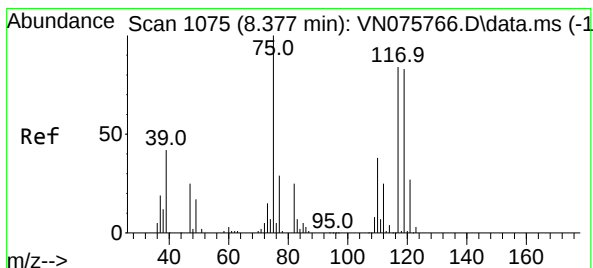
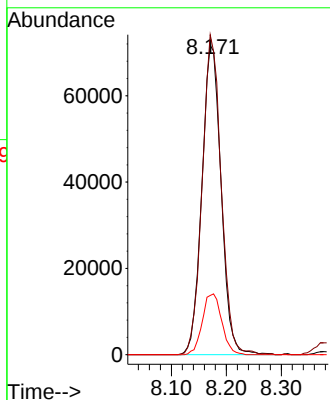
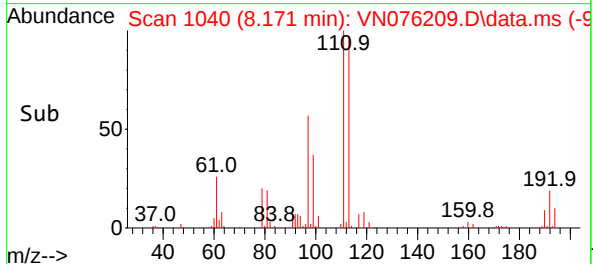
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01



Tgt Ion:113 Resp: 17454
Ion Ratio Lower Upper
113 100
111 101.7 83.4 125.2
192 19.9 16.1 24.1

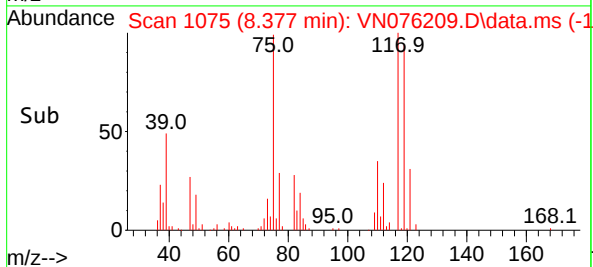
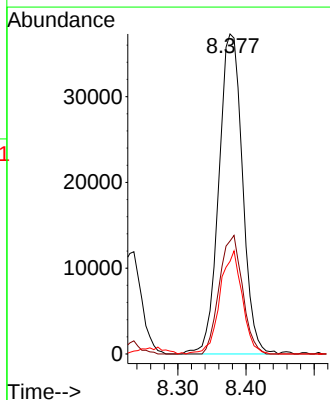
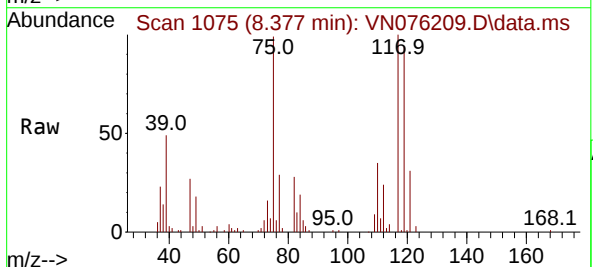
Manual Integrations
APPROVED

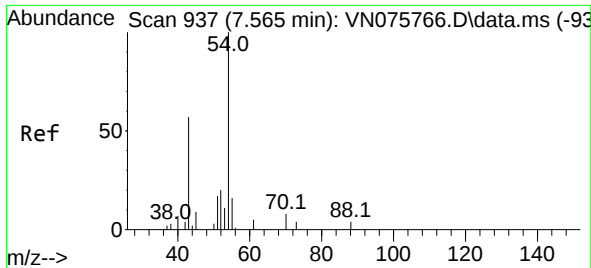
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#36
1,1-Dichloropropene
Concen: 17.733 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

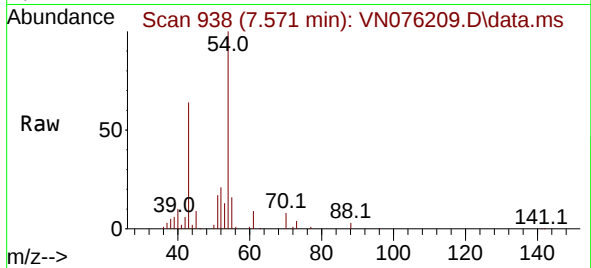
Tgt Ion: 75 Resp: 90018
Ion Ratio Lower Upper
75 100
110 36.3 18.8 56.4
77 30.5 24.1 36.1





#37
Ethyl Acetate
Concen: 18.458 ug/l
RT: 7.571 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

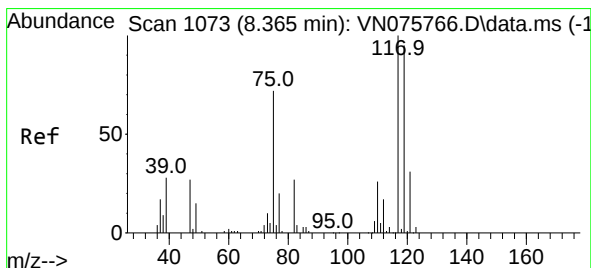
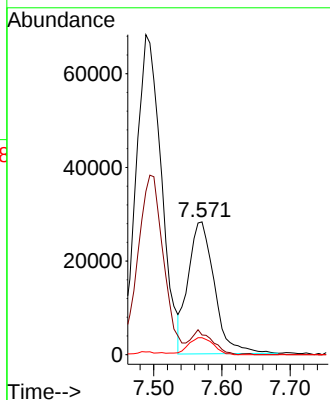
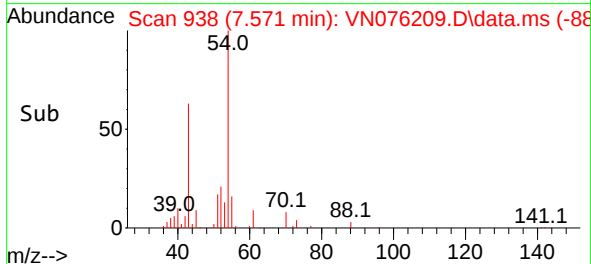
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01



Tgt Ion: 43 Resp: 75260
Ion Ratio Lower Upper
43 100
61 14.7 13.0 19.4
70 12.5 9.4 14.0

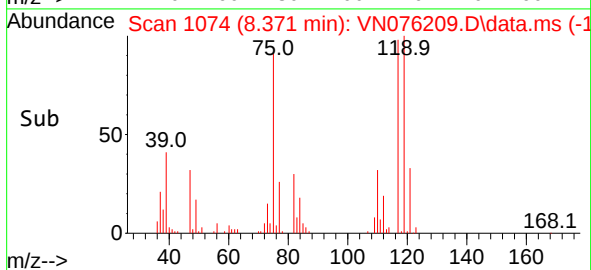
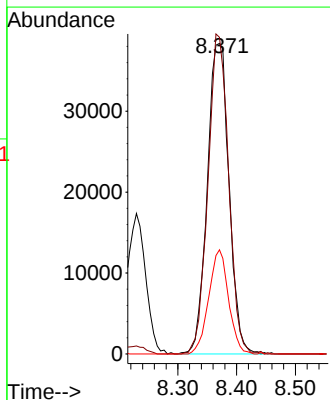
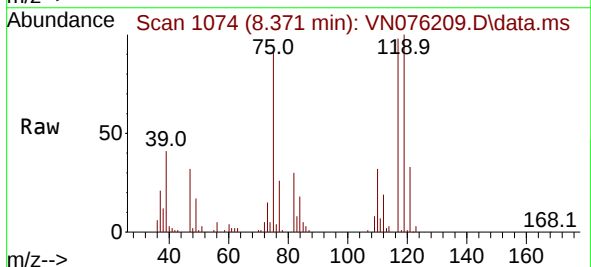
Manual Integrations
APPROVED

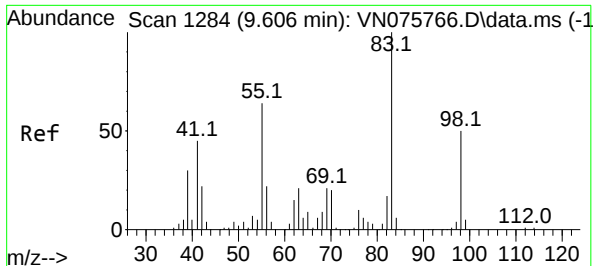
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#38
Carbon Tetrachloride
Concen: 17.362 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

Tgt Ion:117 Resp: 98639
Ion Ratio Lower Upper
117 100
119 101.9 76.1 114.1
121 33.5 24.5 36.7





#39

Methylcyclohexane

Concen: 18.779 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076209.D

Acq: 11 Jan 2023 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN0111MBS01

Tgt Ion: 83 Resp: 11500

Ion Ratio Lower Upper

83 100

55 62.7 51.4 77.0

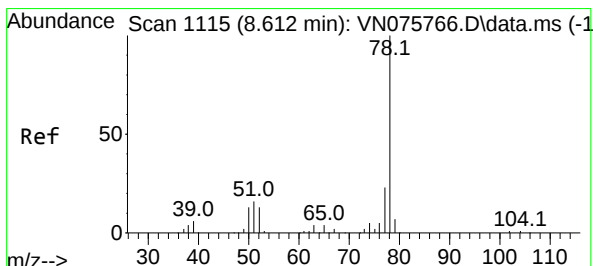
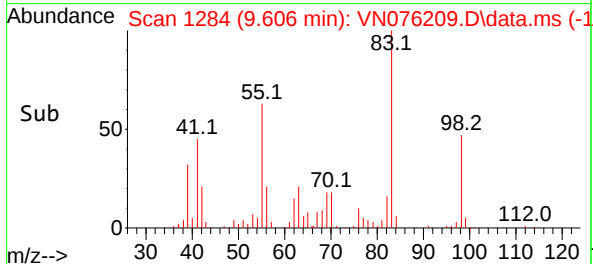
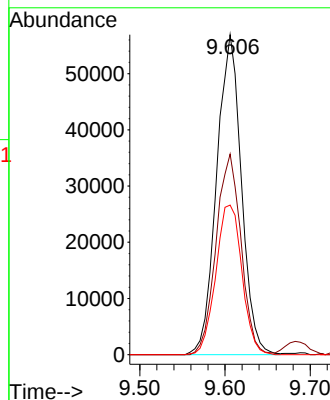
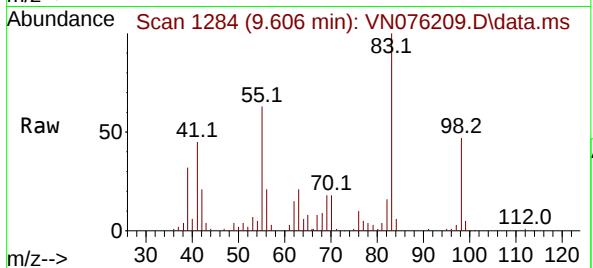
98 46.7 39.8 59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#40

Benzene

Concen: 17.979 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076209.D

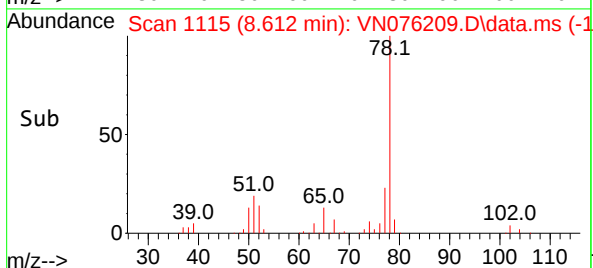
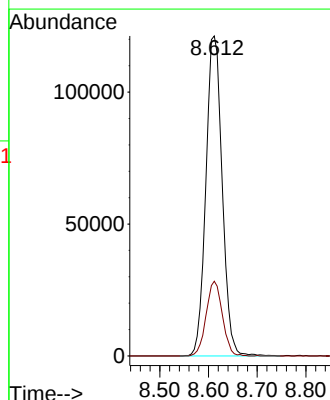
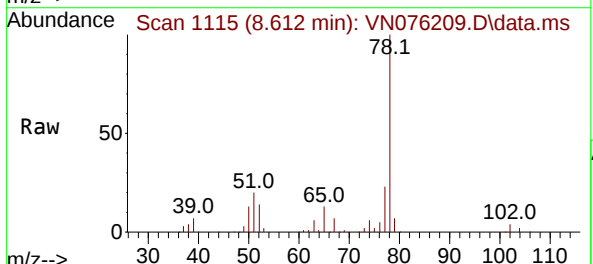
Acq: 11 Jan 2023 14:52

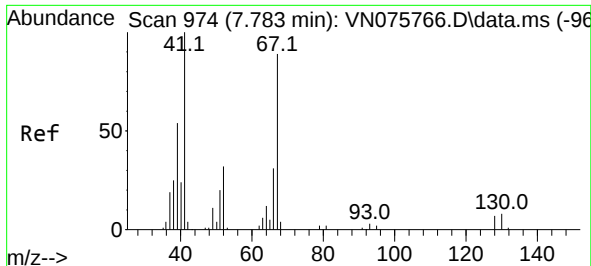
Tgt Ion: 78 Resp: 281590

Ion Ratio Lower Upper

78 100

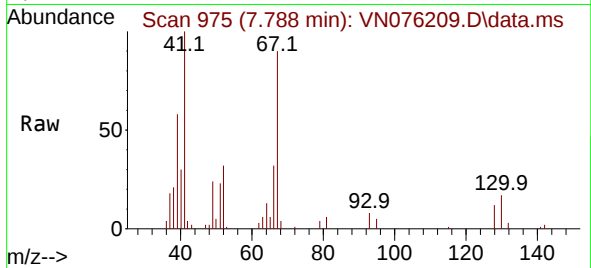
77 23.4 18.5 27.7





#41
Methacrylonitrile
Concen: 17.820 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

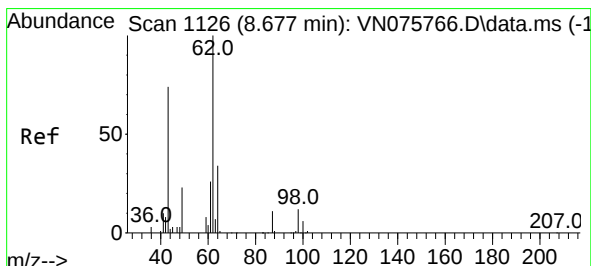
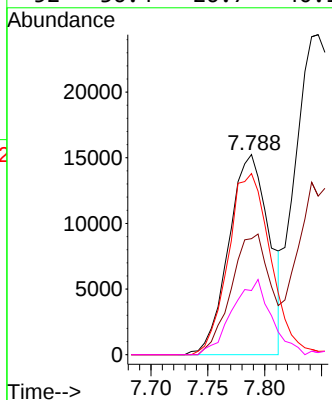
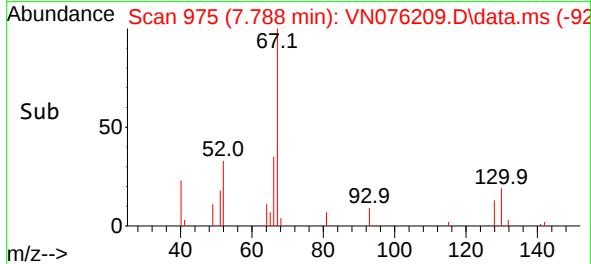
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01



Tgt Ion: 41 Resp: 3776
Ion Ratio Lower Upper
41 100
39 57.7 43.1 64.7
67 95.0 70.7 106.1
52 36.4 26.7 40.1

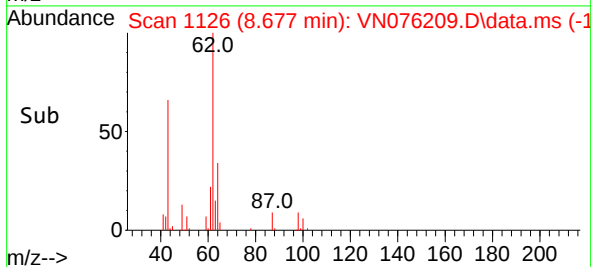
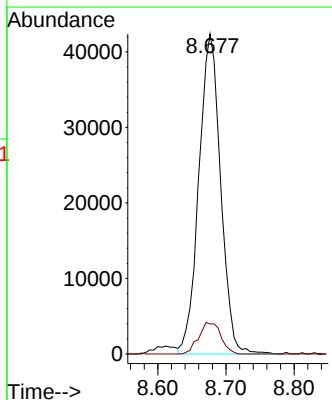
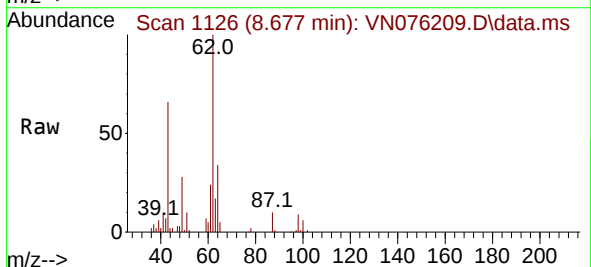
Manual Integrations
APPROVED

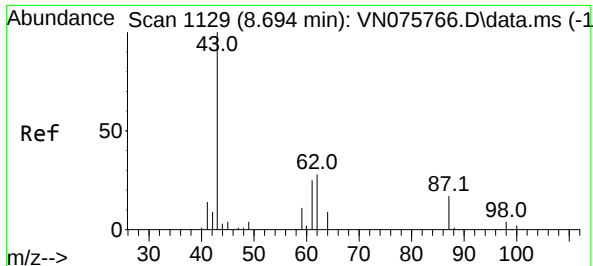
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#42
1,2-Dichloroethane
Concen: 18.083 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

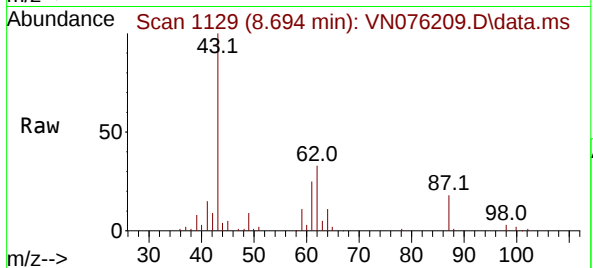
Tgt Ion: 62 Resp: 94155
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.8





#43
Isopropyl Acetate
Concen: 19.312 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

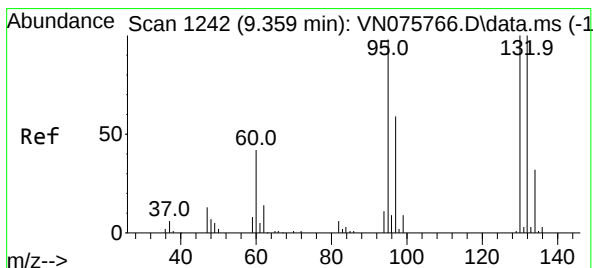
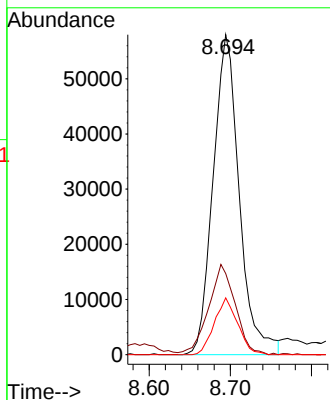
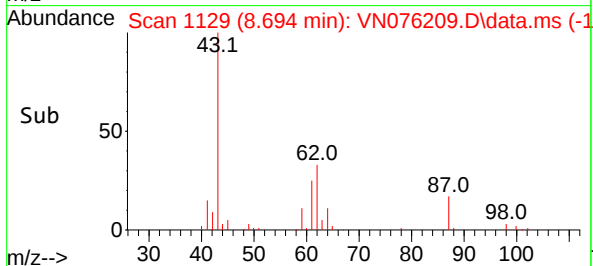
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01



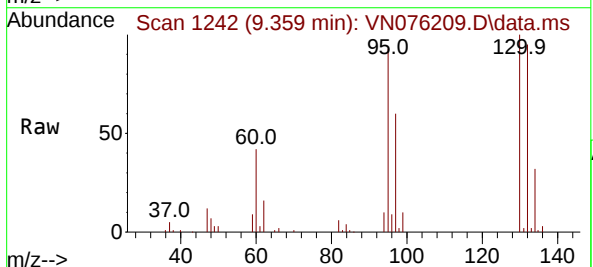
Tgt Ion: 43 Resp: 12989
Ion Ratio Lower Upper
43 100
61 28.8 24.2 36.4
87 15.9 13.3 19.9

Manual Integrations
APPROVED

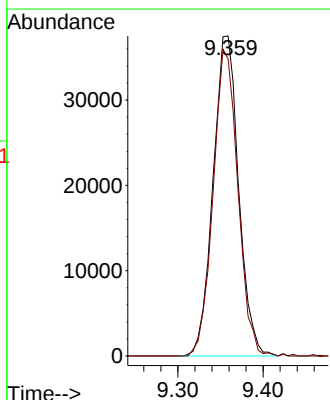
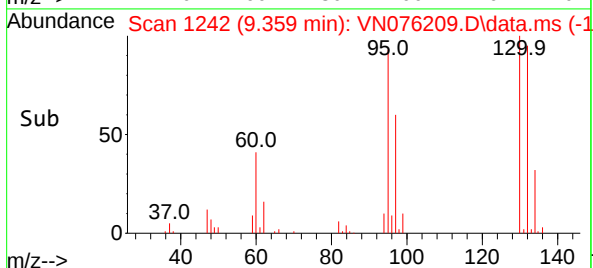
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

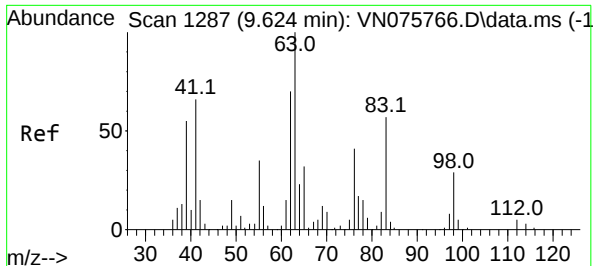


#44
Trichloroethene
Concen: 17.687 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52



Tgt Ion:130 Resp: 78040
Ion Ratio Lower Upper
130 100
95 92.8 0.0 195.4





#45

1,2-Dichloropropane

Concen: 17.634 ug/l

RT: 9.623 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076209.D

Acq: 11 Jan 2023 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN0111MBS01

Tgt Ion: 63 Resp: 6720

Ion Ratio Lower Upper

63 100

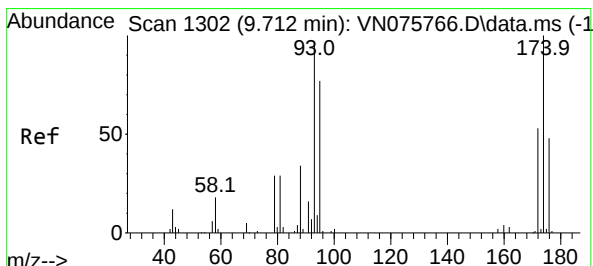
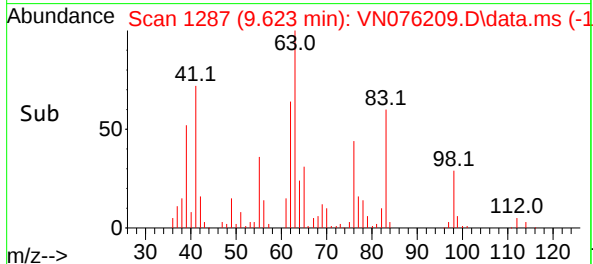
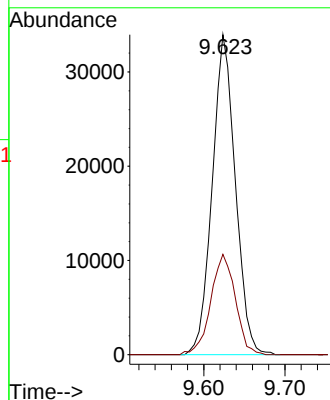
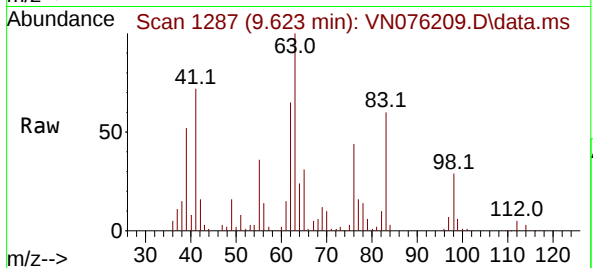
65 31.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#46

Dibromomethane

Concen: 17.330 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076209.D

Acq: 11 Jan 2023 14:52

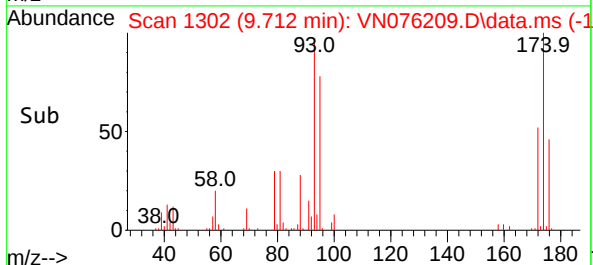
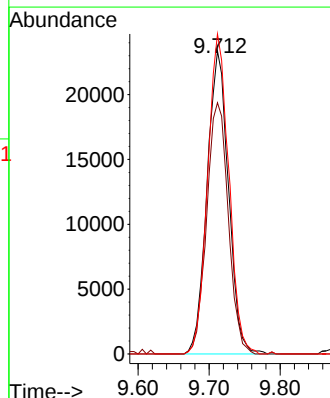
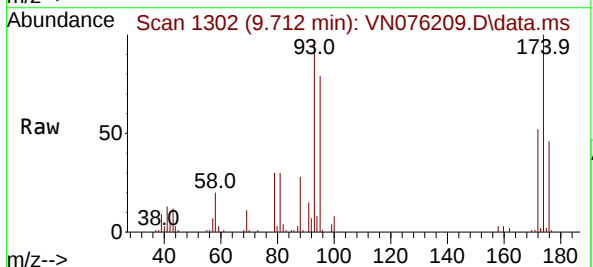
Tgt Ion: 93 Resp: 48988

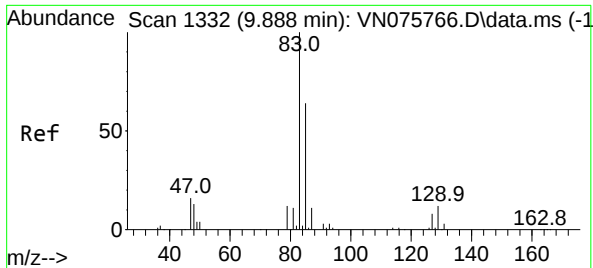
Ion Ratio Lower Upper

93 100

95 83.6 65.2 97.8

174 104.3 82.4 123.6





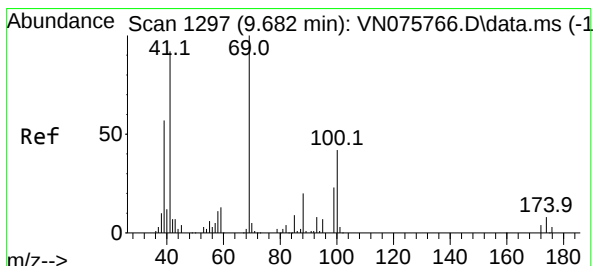
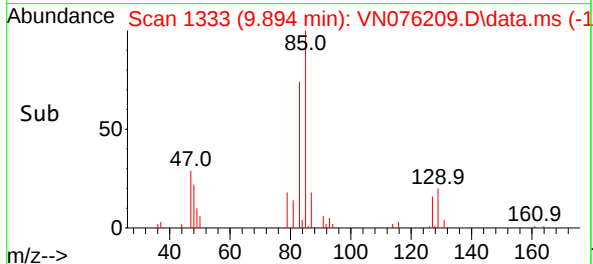
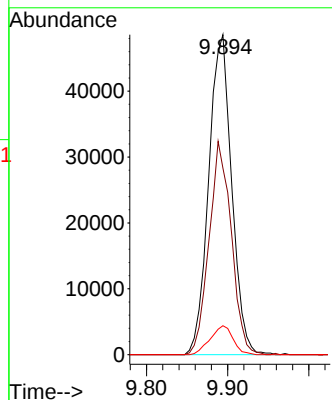
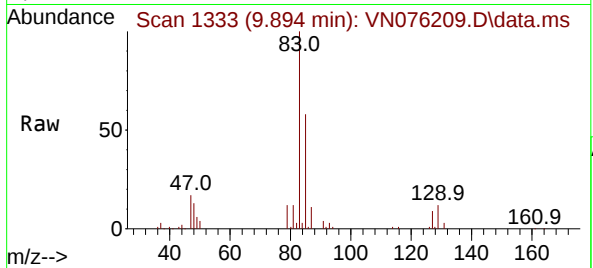
#47
Bromodichloromethane
Concen: 17.229 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01

Tgt Ion: 83 Resp: 9551
Ion Ratio Lower Upper
83 100
85 58.3 51.5 77.3
127 9.0 6.6 10.0

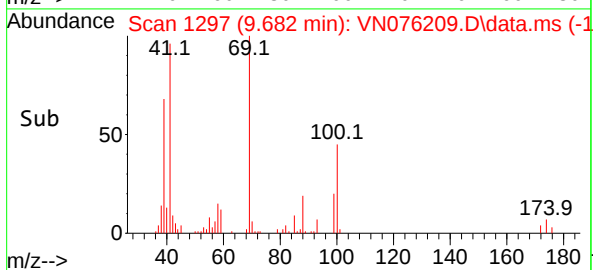
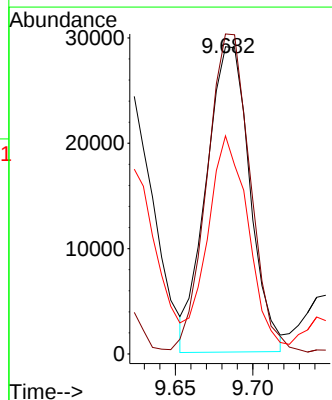
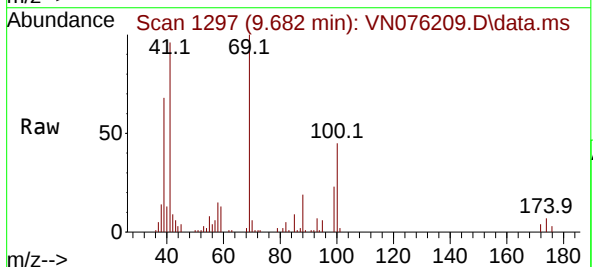
Manual Integrations
APPROVED

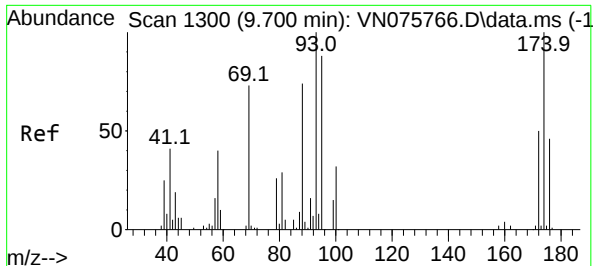
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#48
Methyl methacrylate
Concen: 18.749 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

Tgt Ion: 41 Resp: 56796
Ion Ratio Lower Upper
41 100
69 102.9 81.9 122.9
39 68.2 51.6 77.4





#49

1,4-Dioxane

Concen: 334.758 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN076209.D

Acq: 11 Jan 2023 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN0111MBS01

Tgt Ion: 88 Resp: 2493

Ion Ratio Lower Upper

88 100

43 22.8 17.1 25.7

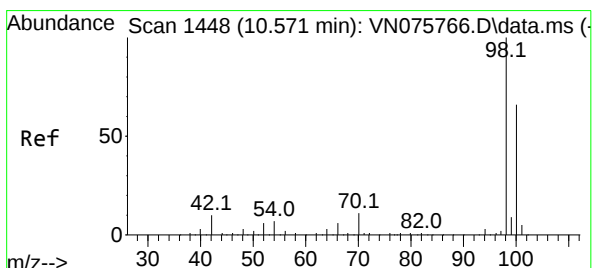
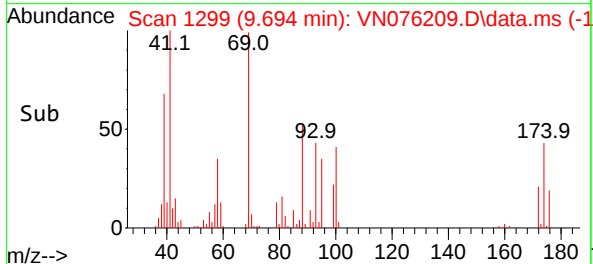
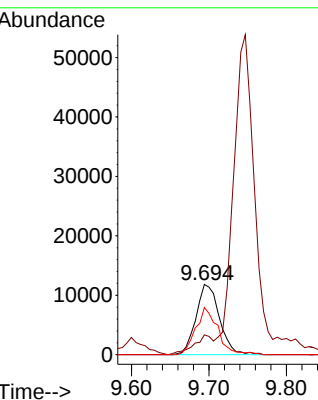
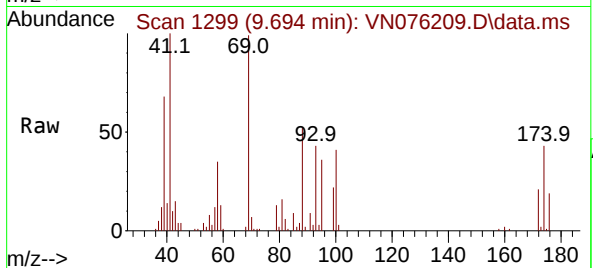
58 63.5 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#50

Toluene-d8

Concen: 43.693 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076209.D

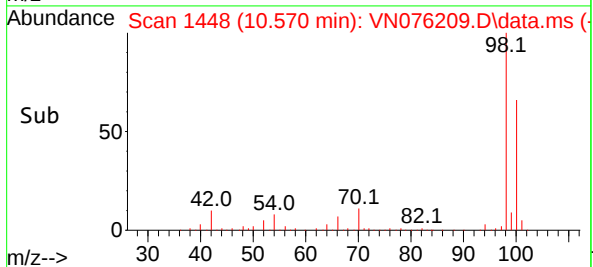
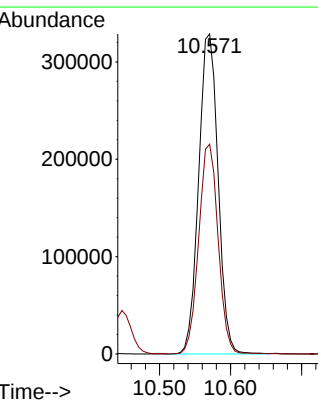
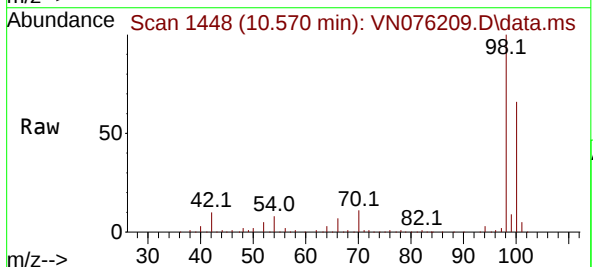
Acq: 11 Jan 2023 14:52

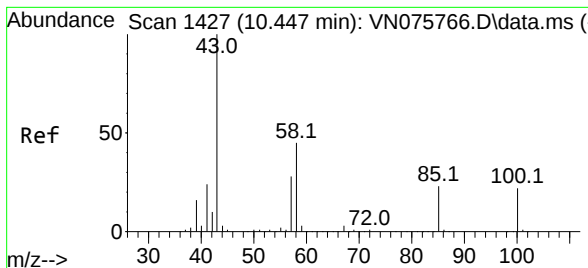
Tgt Ion: 98 Resp: 624257

Ion Ratio Lower Upper

98 100

100 65.6 52.1 78.1





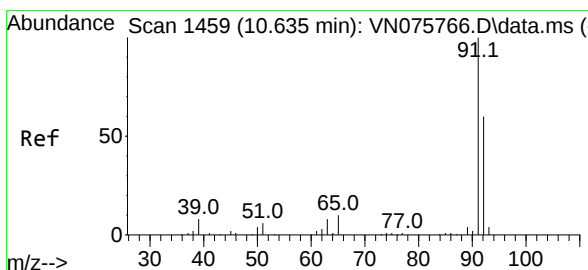
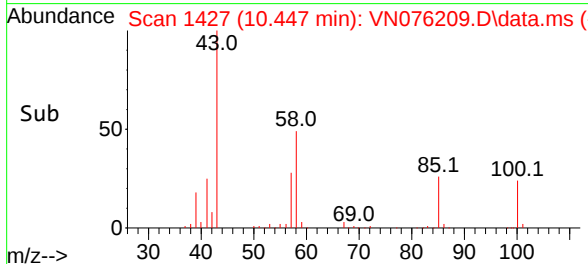
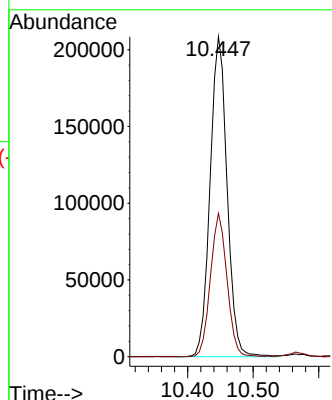
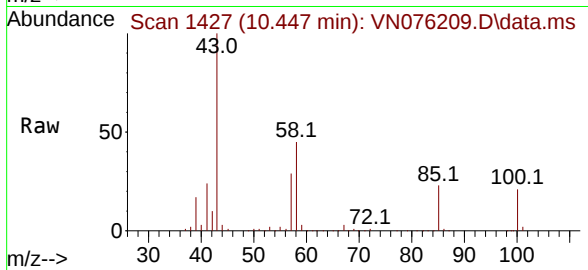
#51
4-Methyl-2-Pentanone
Concen: 92.251 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01

Tgt Ion: 43 Resp: 375240
Ion Ratio Lower Upper
43 100
58 43.6 35.5 53.3

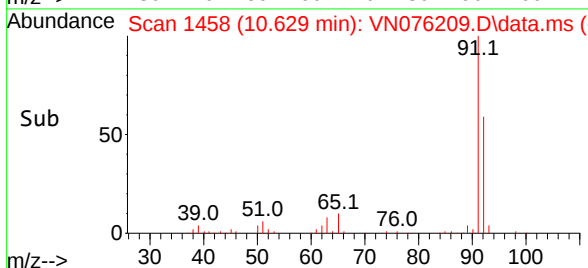
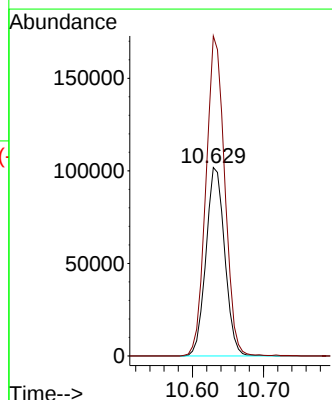
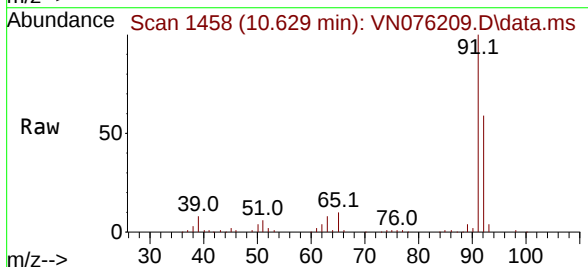
Manual Integrations
APPROVED

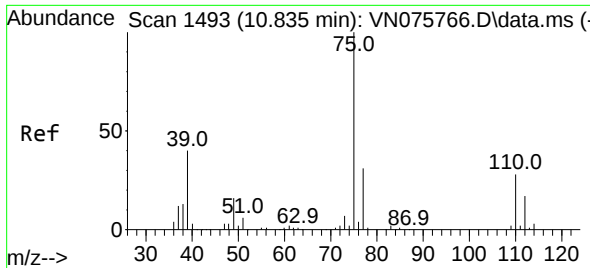
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#52
Toluene
Concen: 18.358 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

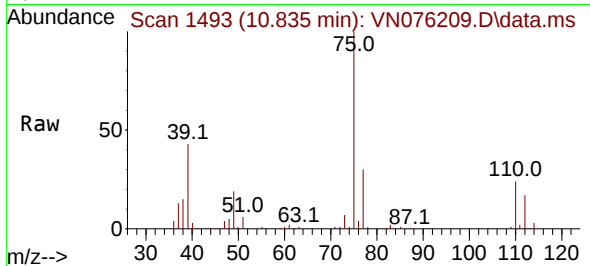
Tgt Ion: 92 Resp: 187259
Ion Ratio Lower Upper
92 100
91 169.4 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 17.550 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

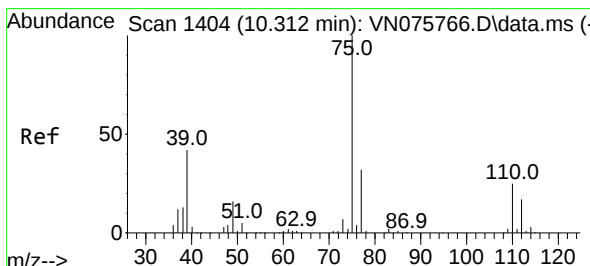
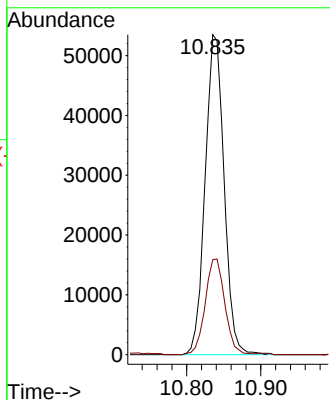
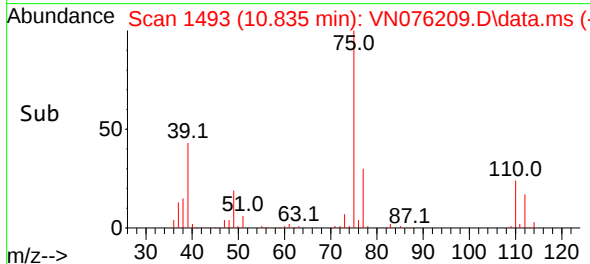
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01



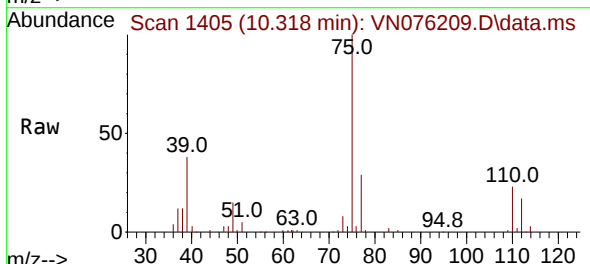
Tgt Ion: 75 Resp: 95235
Ion Ratio Lower Upper
75 100
77 29.7 24.9 37.3

Manual Integrations
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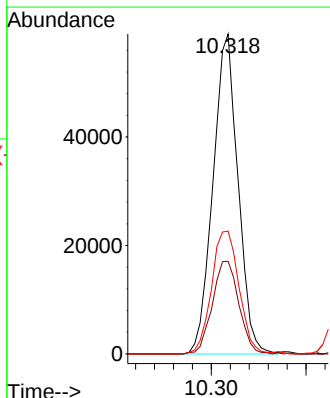
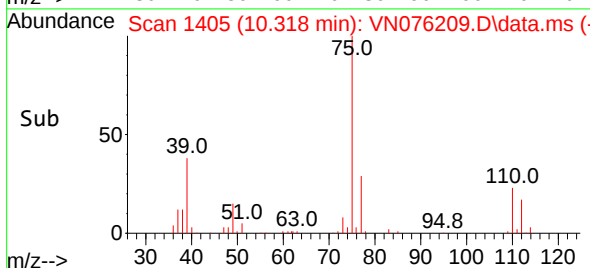
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

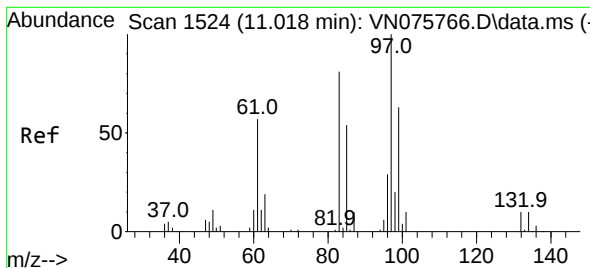


#54
cis-1,3-Dichloropropene
Concen: 18.126 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52



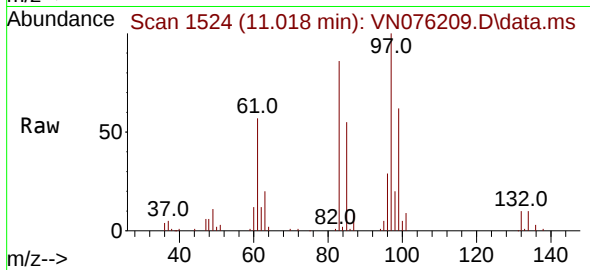
Tgt Ion: 75 Resp: 107991
Ion Ratio Lower Upper
75 100
77 28.9 25.8 38.8
39 38.4 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 18.295 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01

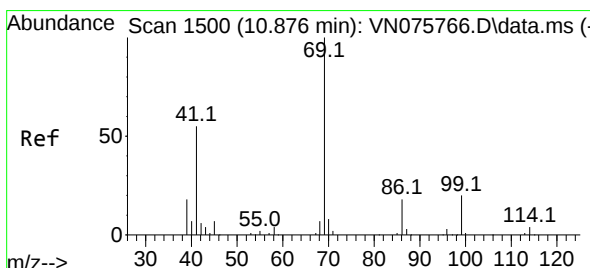
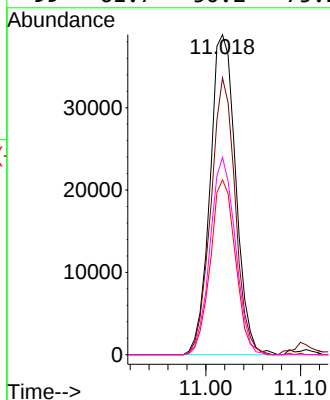
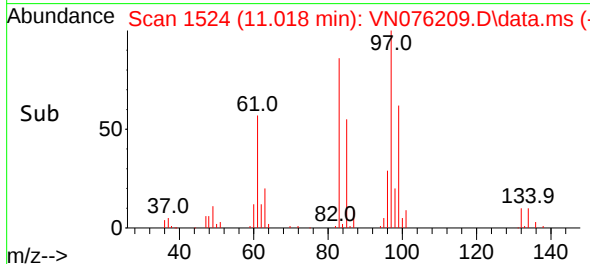


Tgt Ion: 97 Resp: 73240

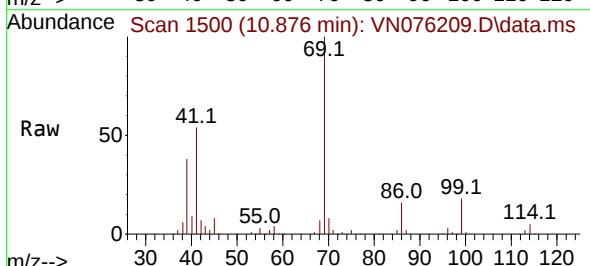
Ion	Ratio	Lower	Upper
97	100		
83	86.5	65.0	97.4
85	54.6	43.0	64.6
99	61.7	50.2	75.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

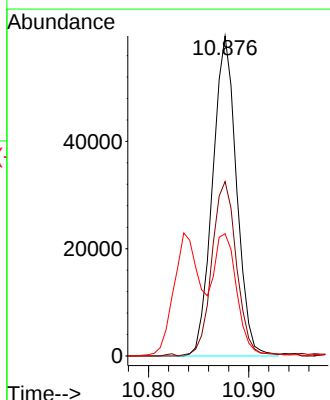
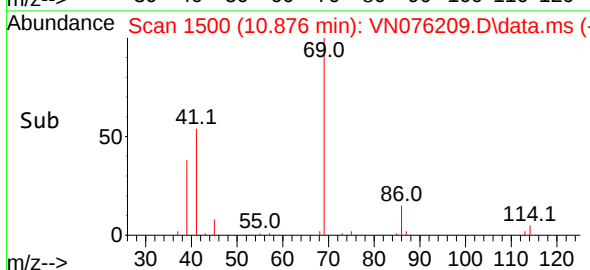


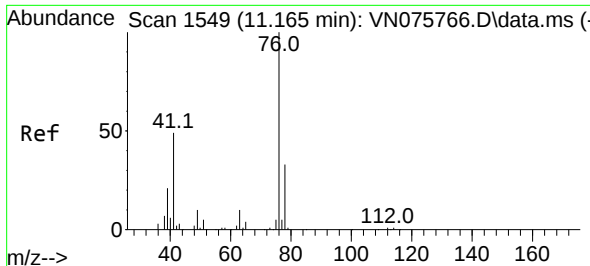
#56
Ethyl methacrylate
Concen: 18.586 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52



Tgt Ion: 69 Resp: 98837

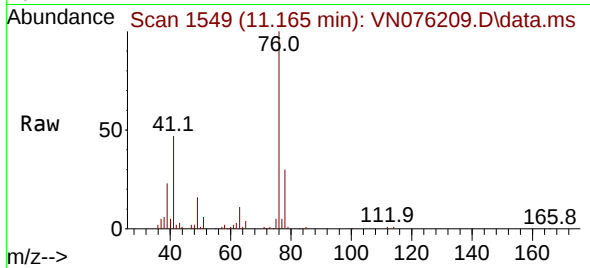
Ion	Ratio	Lower	Upper
69	100		
41	56.2	44.2	66.4
39	36.9	26.4	39.6





#57
1,3-Dichloropropane
Concen: 18.277 ug/l
RT: 11.165 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

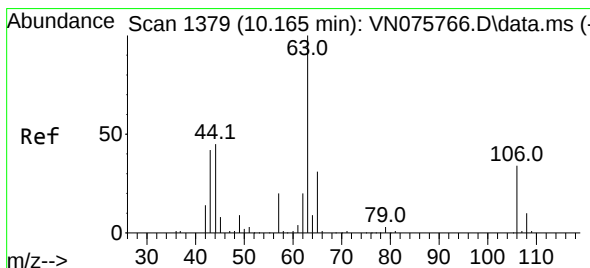
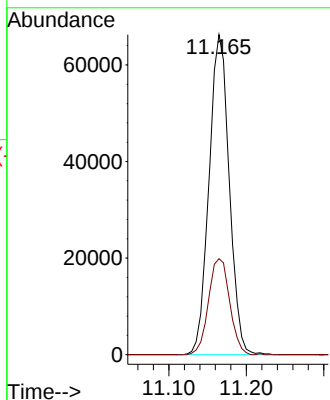
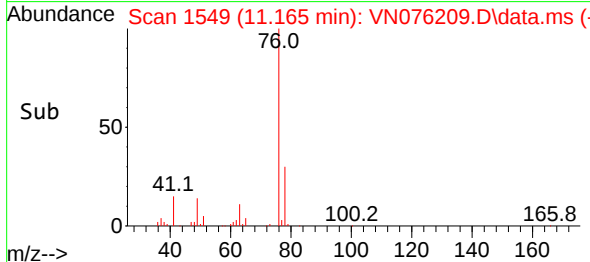
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01



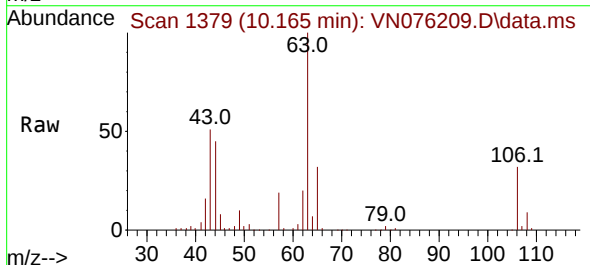
Tgt Ion: 76 Resp: 12002
Ion Ratio Lower Upper
76 100
78 31.4 26.2 39.2

Manual Integrations
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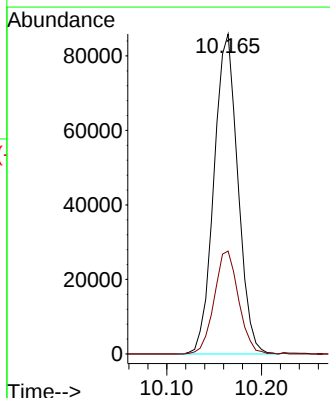
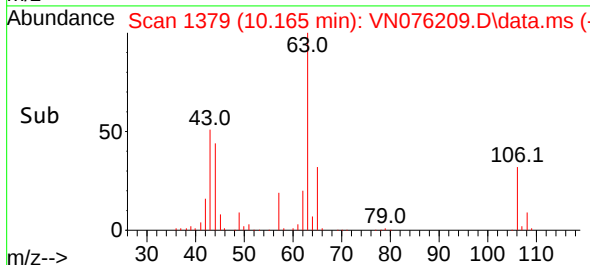
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

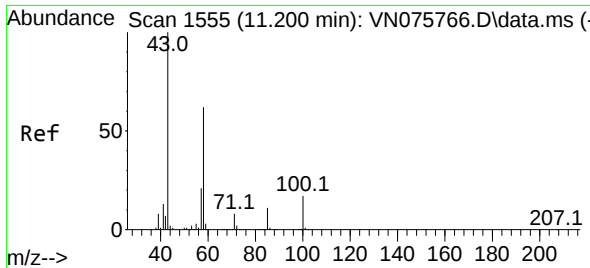


#58
2-Chloroethyl Vinyl ether
Concen: 89.007 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52



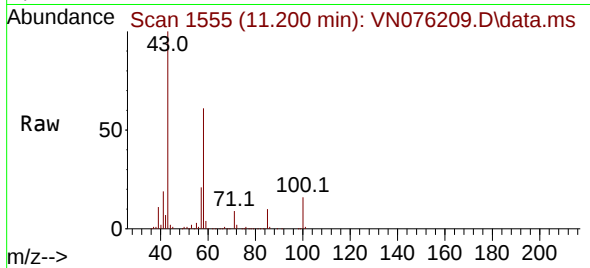
Tgt Ion: 63 Resp: 150699
Ion Ratio Lower Upper
63 100
106 32.7 26.4 39.6





#59
2-Hexanone
Concen: 91.236 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

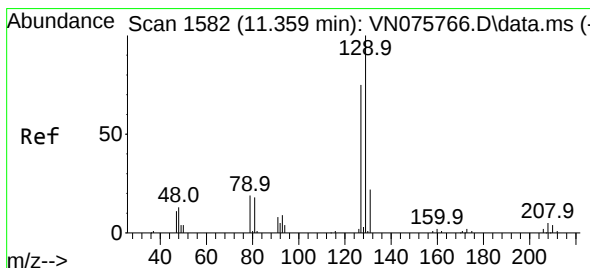
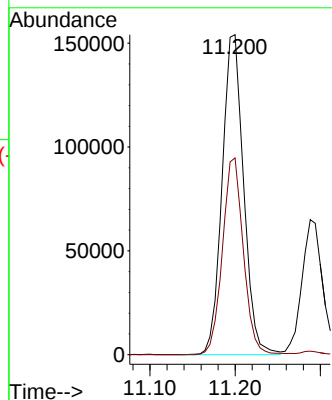
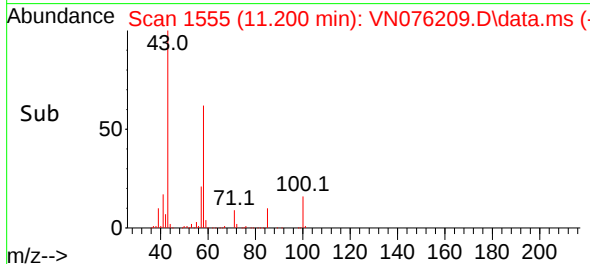
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01



Tgt Ion: 43 Resp: 27064
Ion Ratio Lower Upper
43 100
58 59.8 30.6 92.0

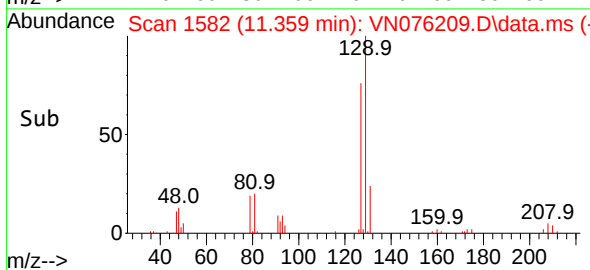
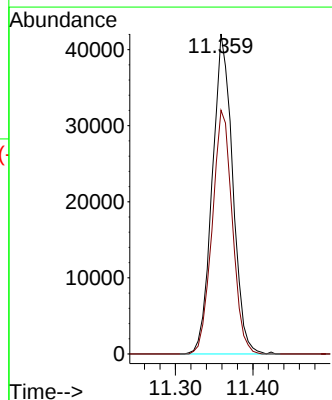
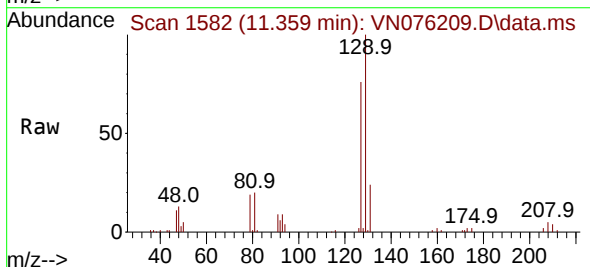
Manual Integrations
APPROVED

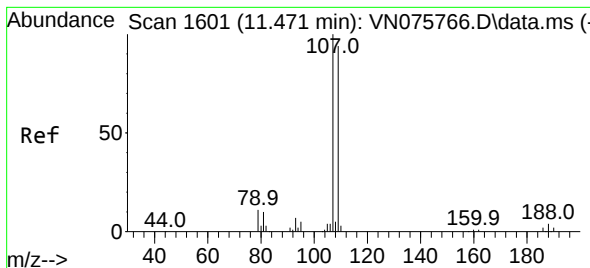
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#60
Dibromochloromethane
Concen: 17.251 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

Tgt Ion:129 Resp: 76810
Ion Ratio Lower Upper
129 100
127 75.0 38.3 114.9





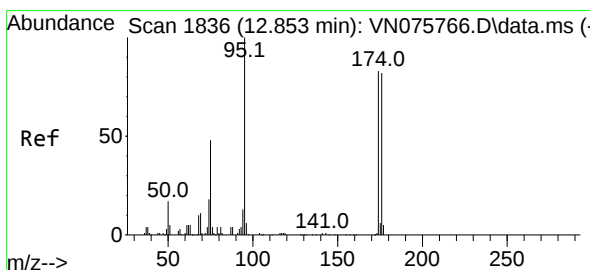
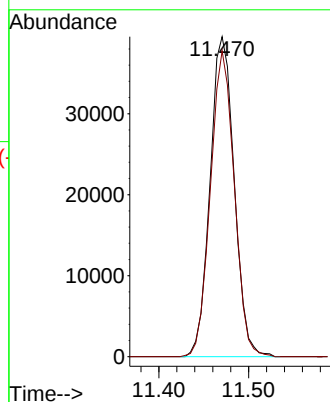
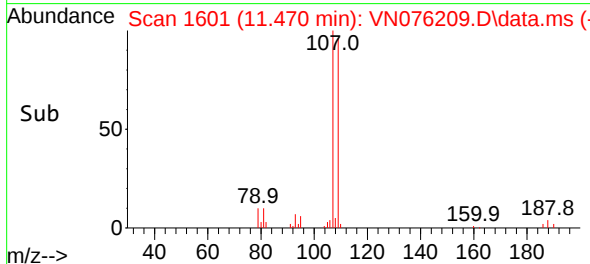
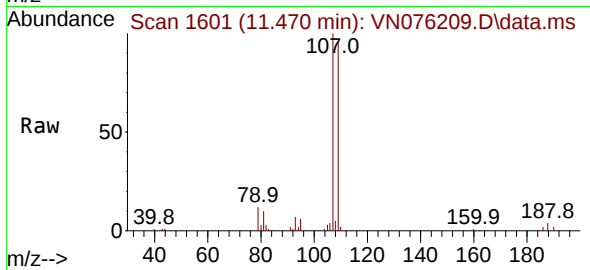
#61
1,2-Dibromoethane
Concen: 18.206 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01

Tgt Ion:107 Resp: 73762
Ion Ratio Lower Upper
107 100
109 94.4 74.8 112.2

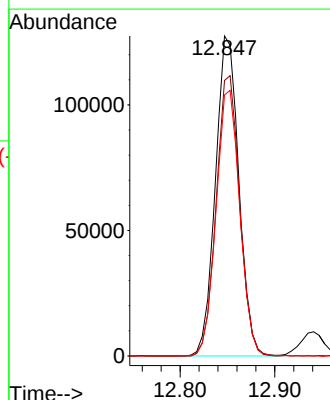
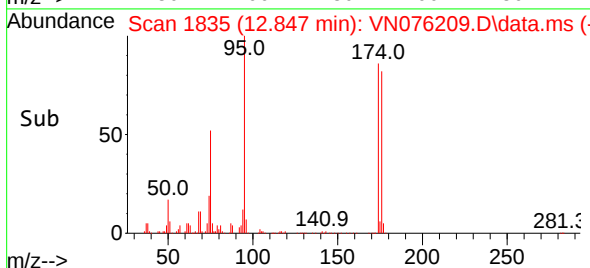
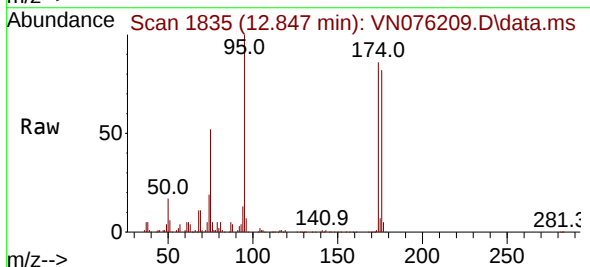
Manual Integrations
APPROVED

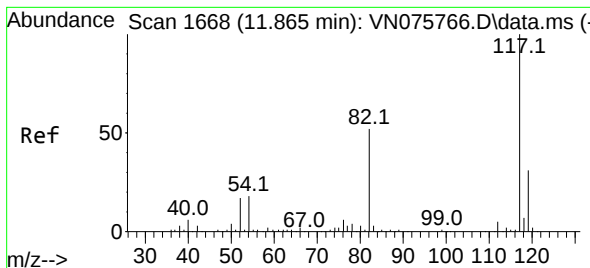
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#62
4-Bromofluorobenzene
Concen: 46.292 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

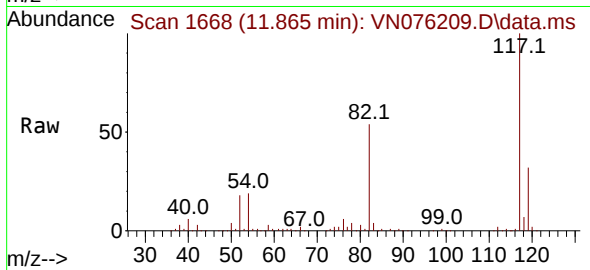
Tgt Ion: 95 Resp: 219061
Ion Ratio Lower Upper
95 100
174 87.4 0.0 171.6
176 84.0 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

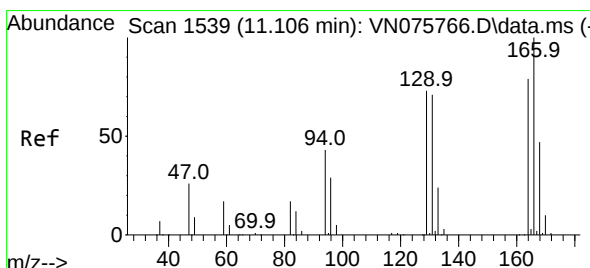
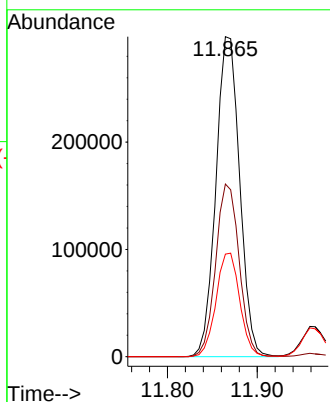
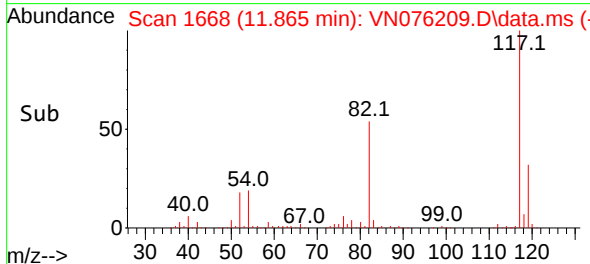
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01



Tgt Ion:117 Resp: 549220
Ion Ratio Lower Upper
117 100
82 54.0 41.3 61.9
119 32.0 24.6 37.0

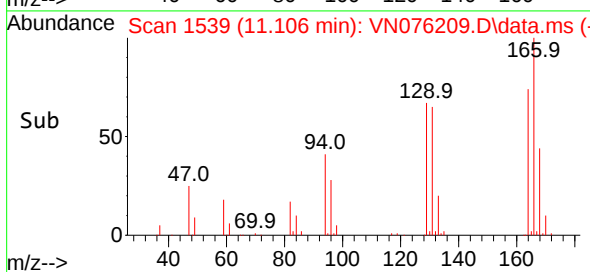
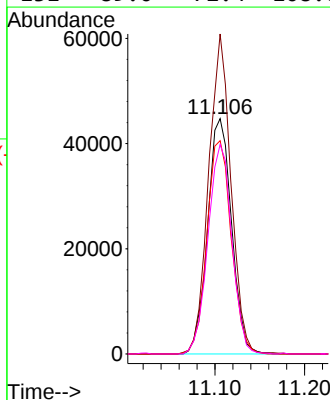
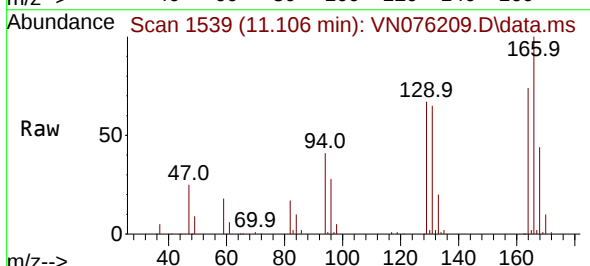
Manual Integrations
APPROVED

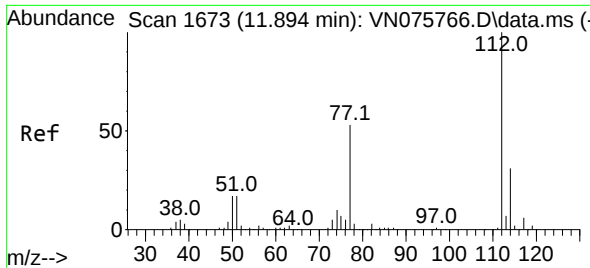
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#64
Tetrachloroethene
Concen: 21.467 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

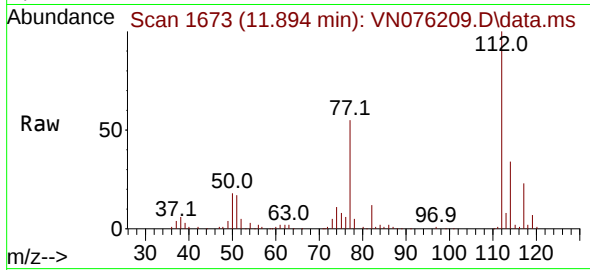
Tgt Ion:164 Resp: 82966
Ion Ratio Lower Upper
164 100
166 136.0 101.9 152.9
129 90.6 74.2 111.2
131 89.0 72.4 108.6





#65
Chlorobenzene
Concen: 17.458 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

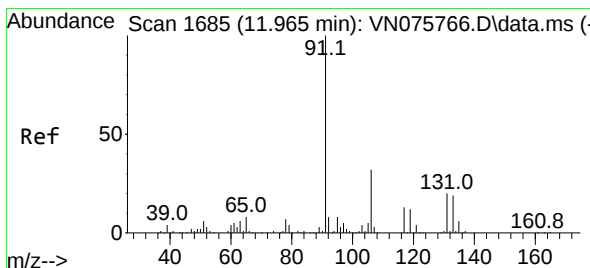
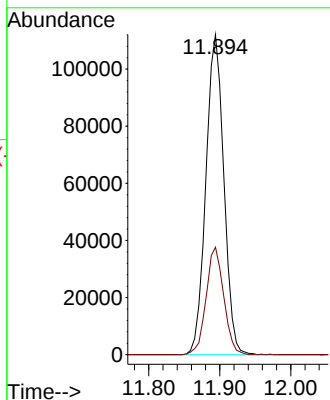
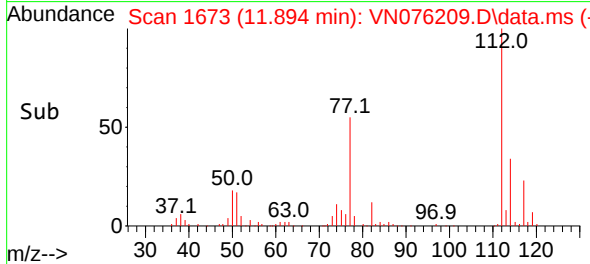
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01



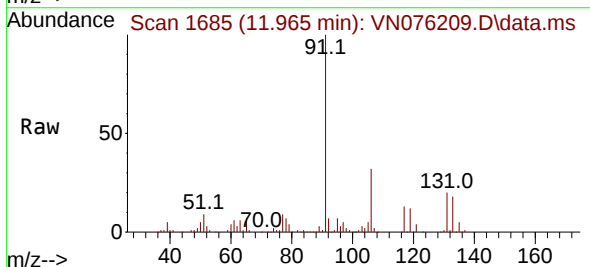
Tgt Ion:112 Resp: 196800
Ion Ratio Lower Upper
112 100
114 33.6 24.7 37.1

Manual Integrations
APPROVED

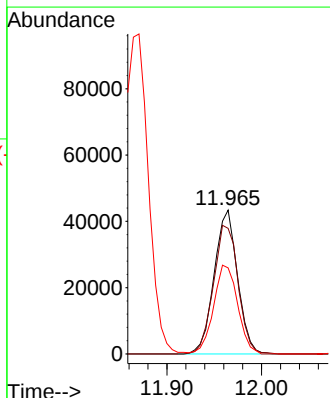
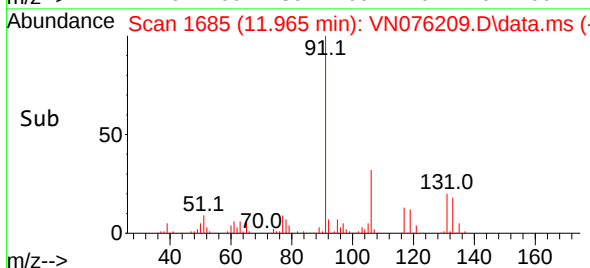
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

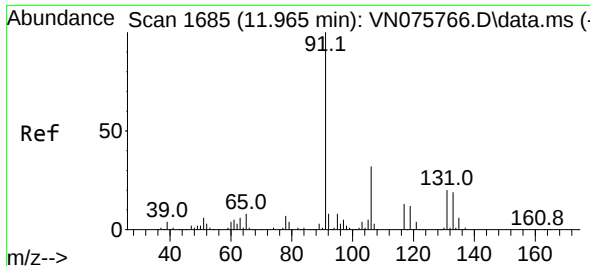


#66
1,1,1,2-Tetrachloroethane
Concen: 17.831 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52



Tgt Ion:131 Resp: 74451
Ion Ratio Lower Upper
131 100
133 94.5 47.5 142.5
119 63.5 31.9 95.7





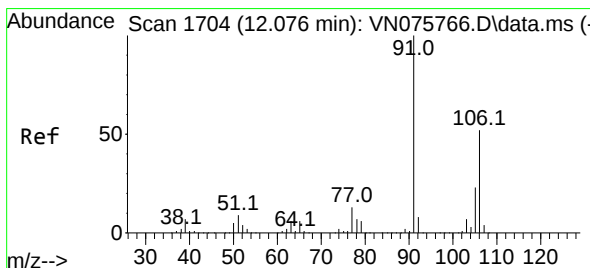
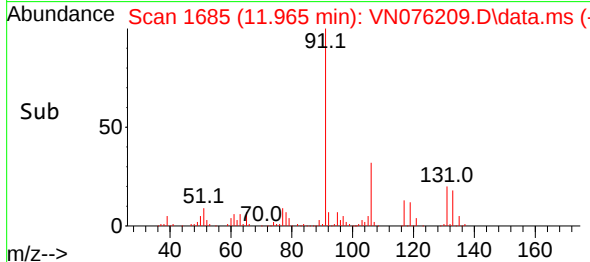
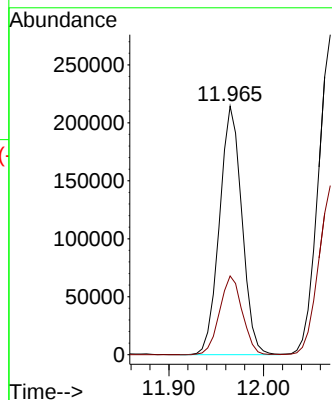
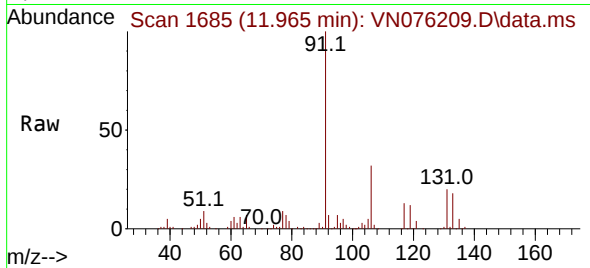
#67
Ethyl Benzene
Concen: 18.551 ug/l
RT: 11.965 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01

Tgt Ion: 91 Resp: 352930
Ion Ratio Lower Upper
91 100
106 31.7 25.7 38.5

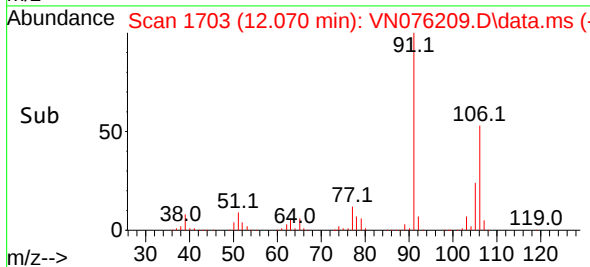
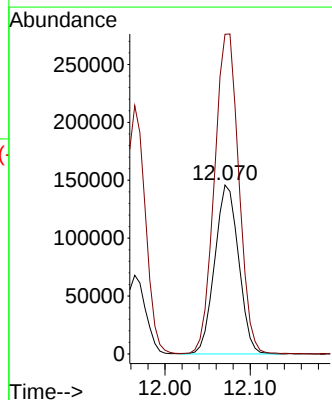
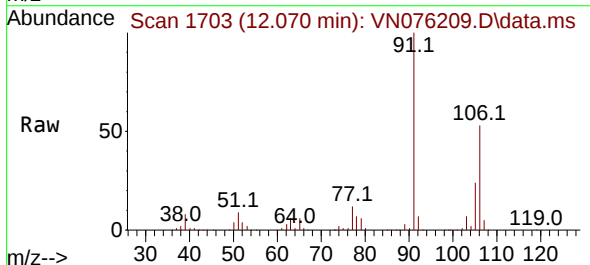
Manual Integrations
APPROVED

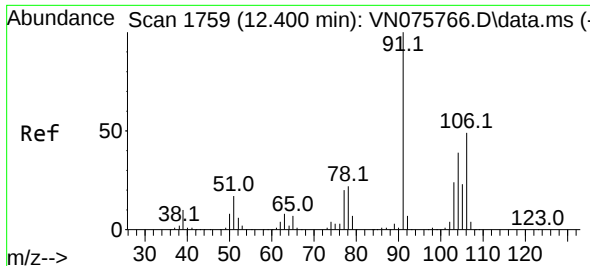
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#68
m/p-Xylenes
Concen: 37.803 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

Tgt Ion:106 Resp: 284664
Ion Ratio Lower Upper
106 100
91 194.0 156.6 235.0





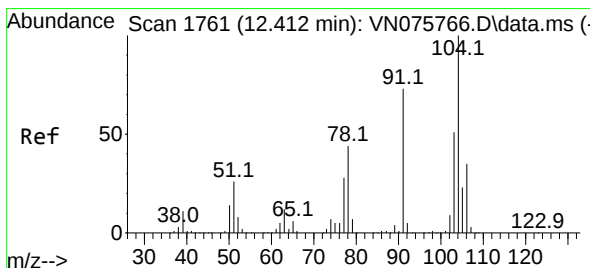
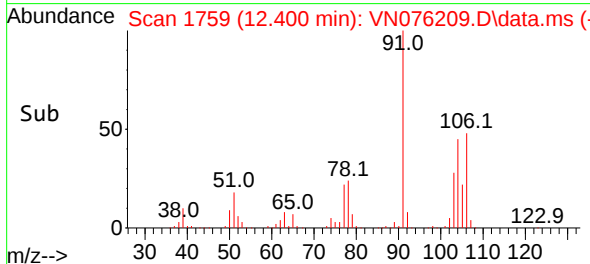
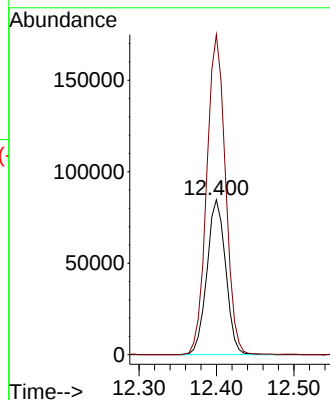
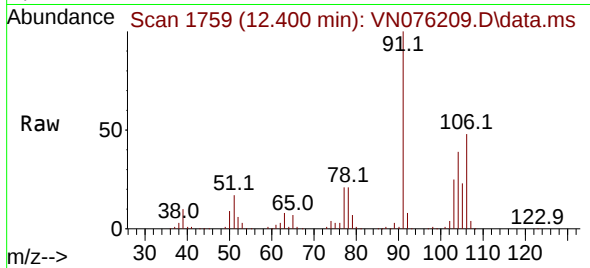
#69
o-Xylene
Concen: 19.116 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01

Tgt Ion:106 Resp: 14245
Ion Ratio Lower Upper
106 100
91 206.6 103.8 311.6

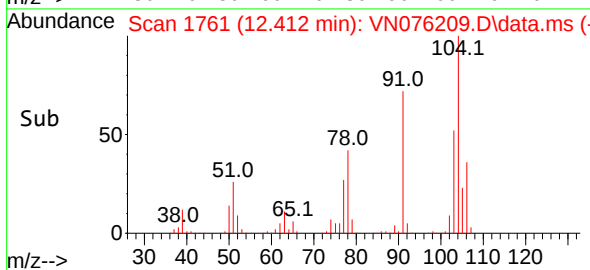
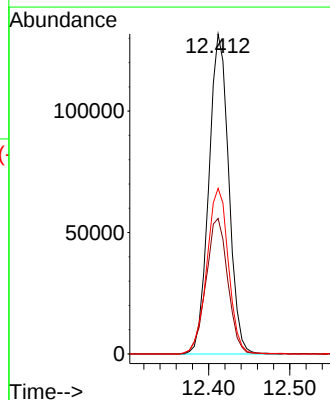
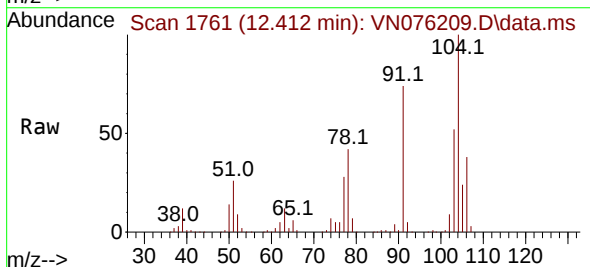
Manual Integrations
APPROVED

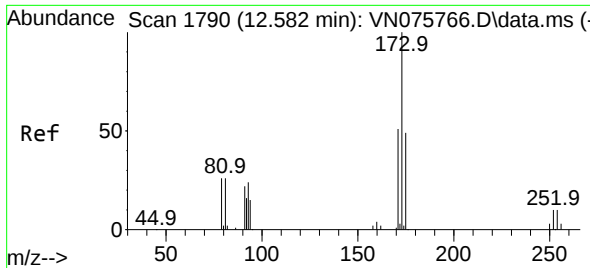
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#70
Styrene
Concen: 18.923 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

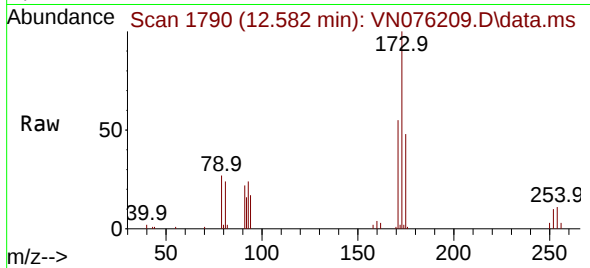
Tgt Ion:104 Resp: 224211
Ion Ratio Lower Upper
104 100
78 46.3 37.5 56.3
103 56.0 43.5 65.3





#71
Bromoform
Concen: 17.214 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

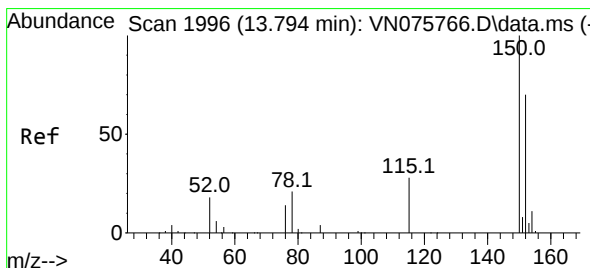
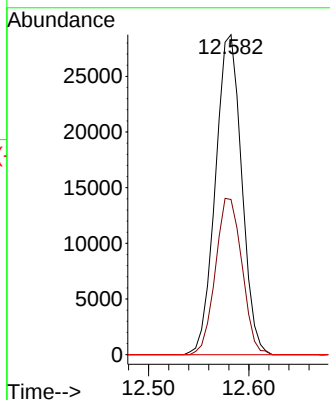
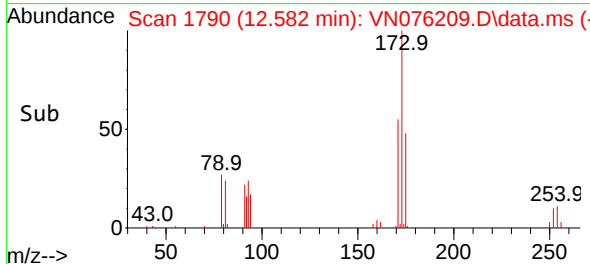
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01



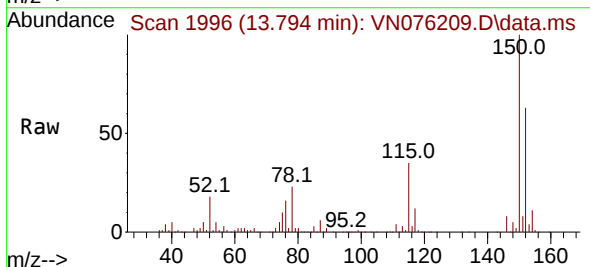
Tgt Ion:173 Resp: 5230
Ion Ratio Lower Upper
173 100
175 49.4 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

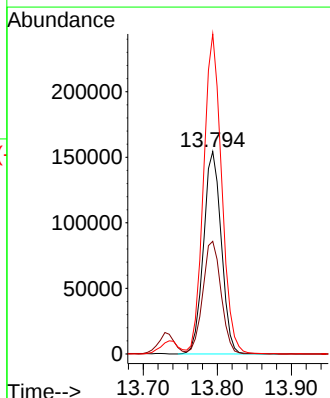
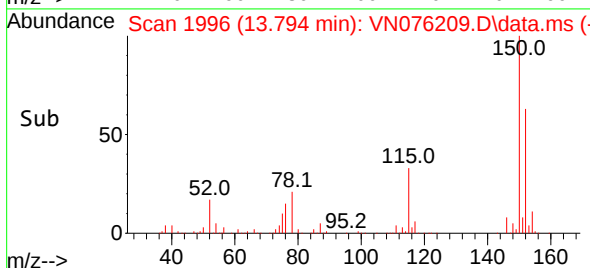
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

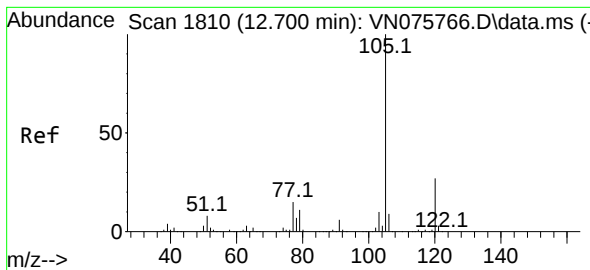


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52



Tgt Ion:152 Resp: 257696
Ion Ratio Lower Upper
152 100
115 57.4 29.1 87.4
150 160.7 0.0 347.0





#73

Isopropylbenzene

Concen: 19.650 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VN076209.D

Acq: 11 Jan 2023 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN0111MBS01

Tgt Ion:105 Resp: 365929

Ion Ratio Lower Upper

105 100

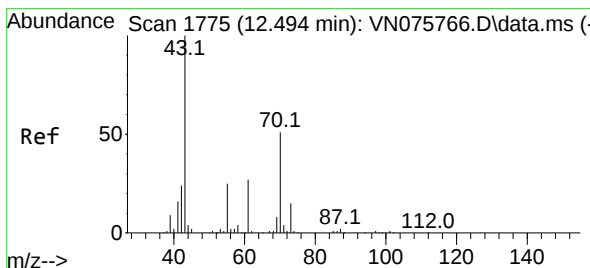
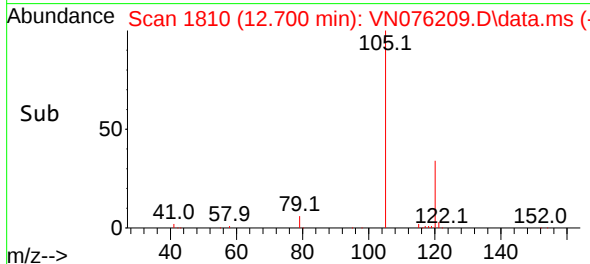
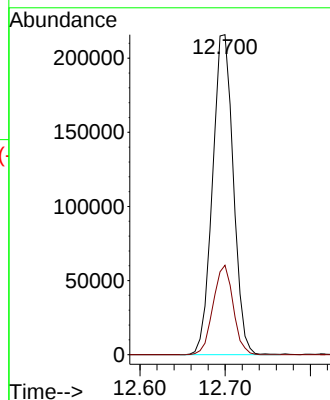
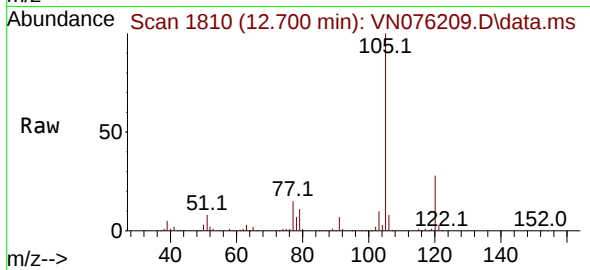
120 26.9 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#74

N-ethyl acetate

Concen: 19.057 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN076209.D

Acq: 11 Jan 2023 14:52

Tgt Ion: 43 Resp: 104111

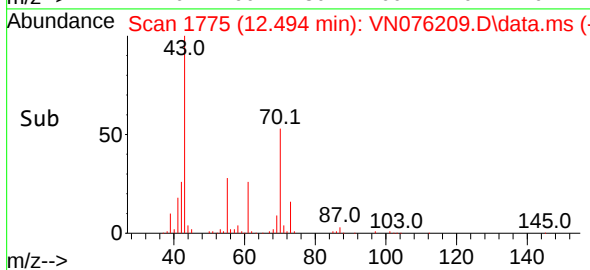
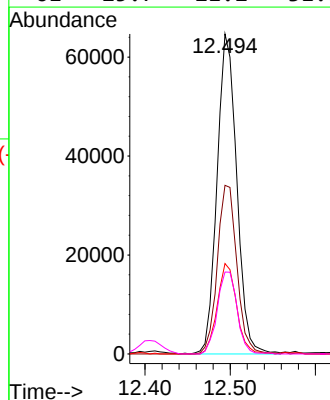
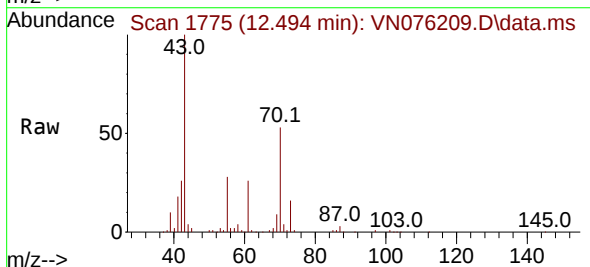
Ion Ratio Lower Upper

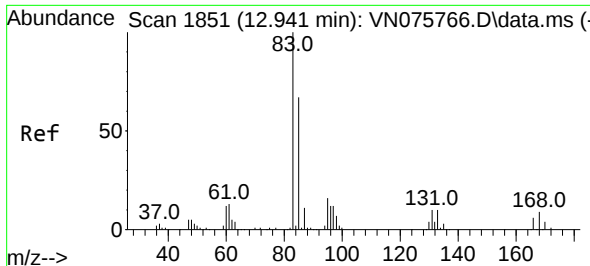
43 100

70 52.3 41.4 62.0

55 27.7 21.3 31.9

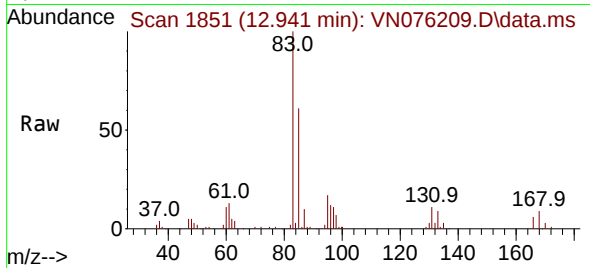
61 25.7 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 16.985 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

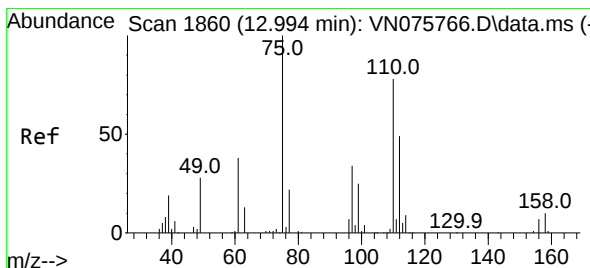
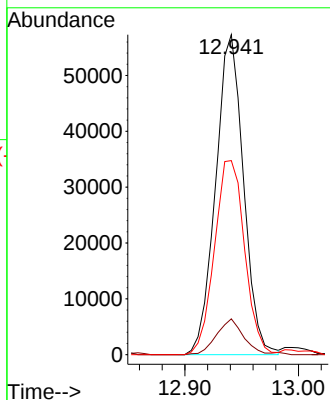
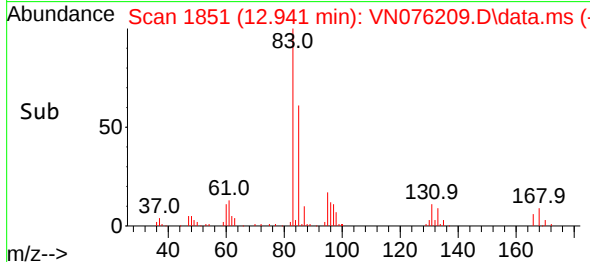
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01



Tgt Ion: 83 Resp: 9778
Ion Ratio Lower Upper
83 100
131 11.1 5.6 16.8
85 65.5 32.6 98.0

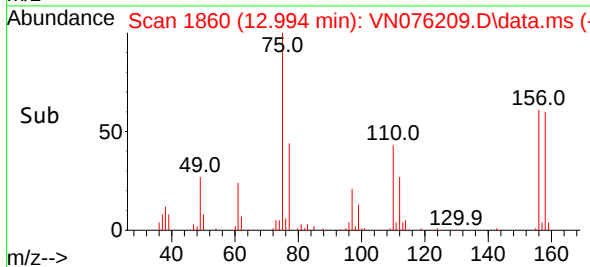
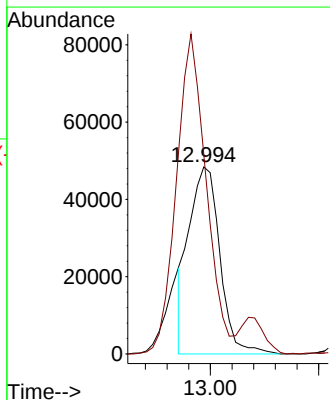
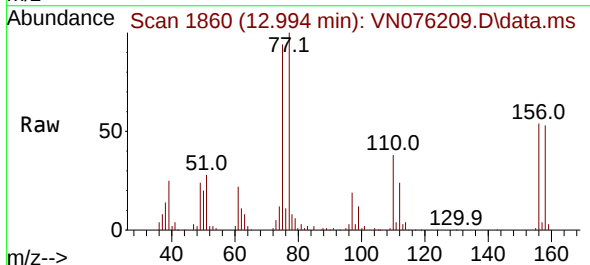
Manual Integrations
APPROVED

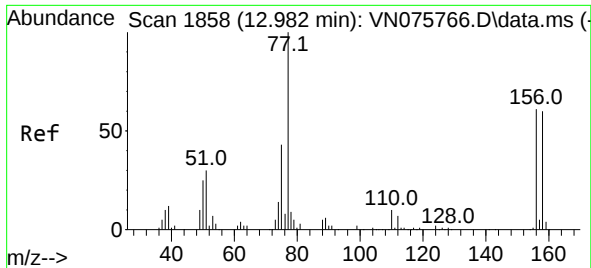
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#76
1,2,3-Trichloropropane
Concen: 18.555 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

Tgt Ion: 75 Resp: 96384
Ion Ratio Lower Upper
75 100
77 163.1 82.6 247.8





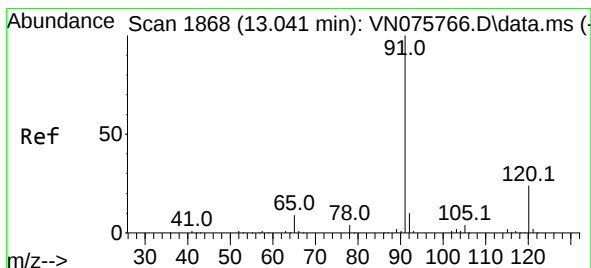
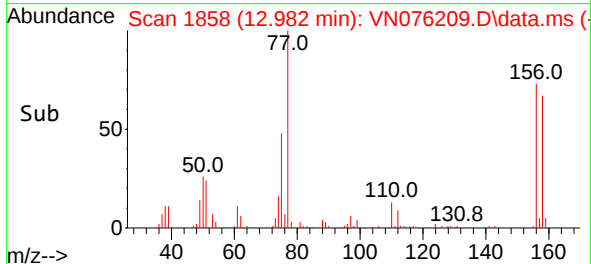
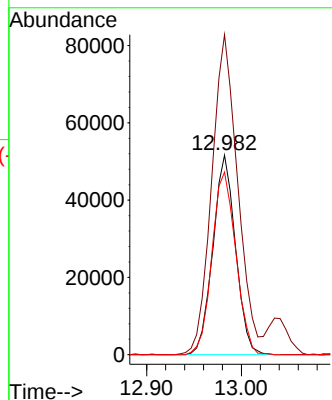
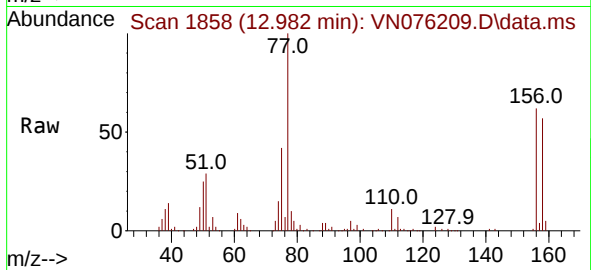
#77
Bromobenzene
Concen: 18.142 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01

Tgt Ion:156 Resp: 8550
Ion Ratio Lower Upper
156 100
77 183.9 93.8 281.3
158 96.8 48.9 146.6

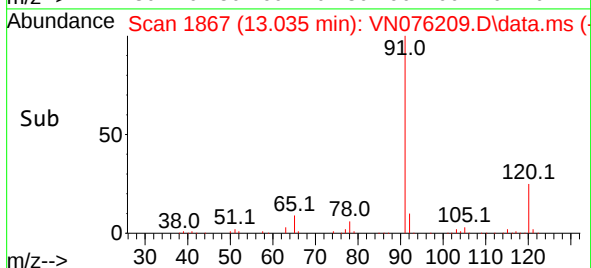
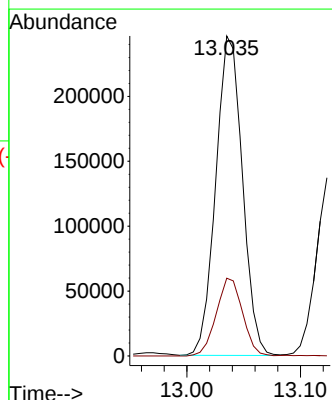
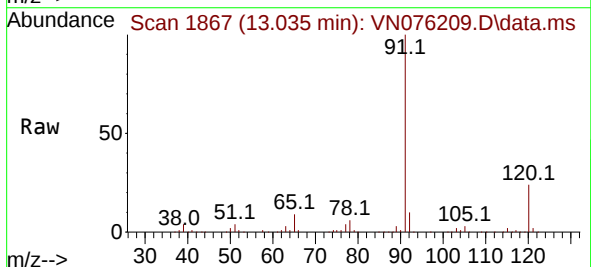
Manual Integrations
APPROVED

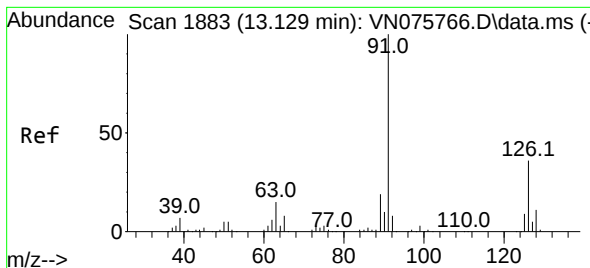
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#78
n-propylbenzene
Concen: 19.543 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

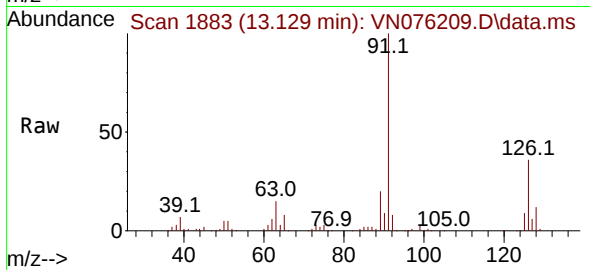
Tgt Ion: 91 Resp: 401408
Ion Ratio Lower Upper
91 100
120 24.0 12.0 36.1





#79
2-Chlorotoluene
Concen: 18.943 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

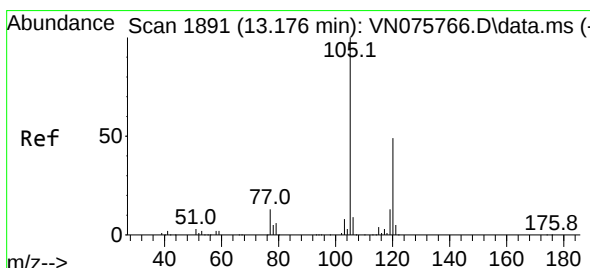
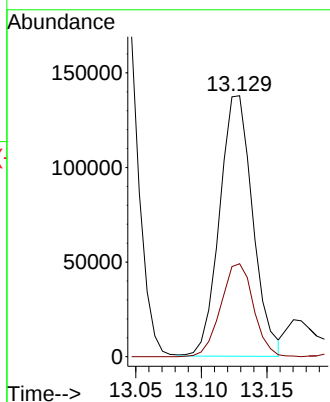
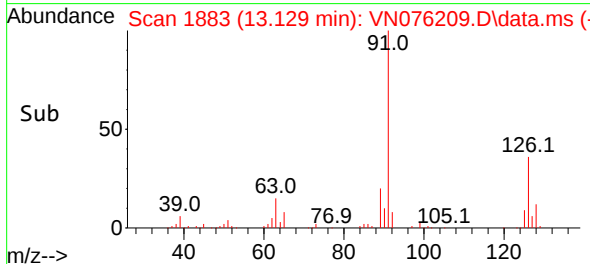
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01



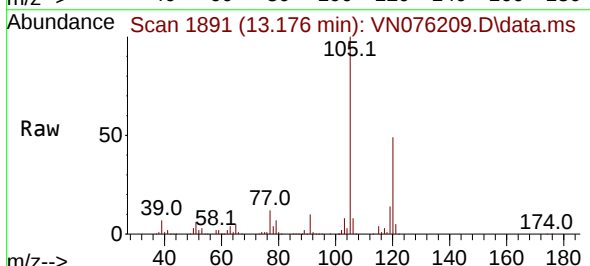
Tgt Ion: 91 Resp: 242869
Ion Ratio Lower Upper
91 100
126 35.1 17.5 52.5

Manual Integrations
APPROVED

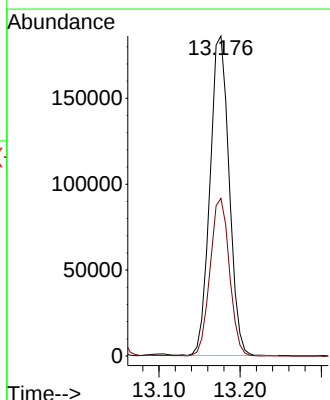
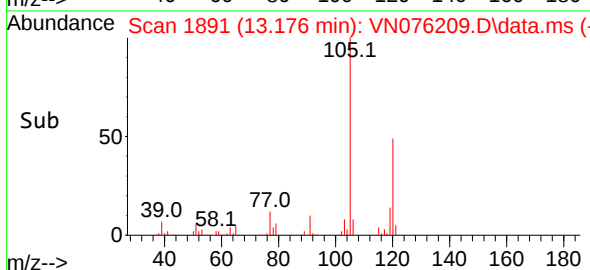
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

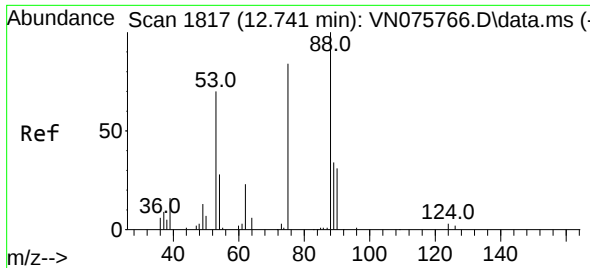


#80
1,3,5-Trimethylbenzene
Concen: 19.530 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52



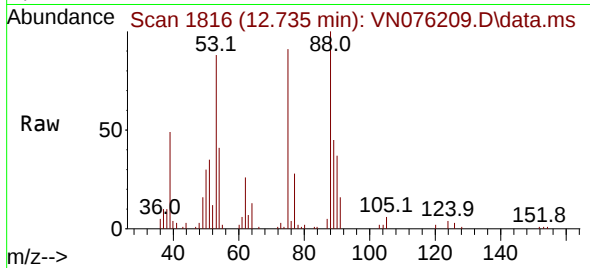
Tgt Ion:105 Resp: 304397
Ion Ratio Lower Upper
105 100
120 49.7 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 17.058 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

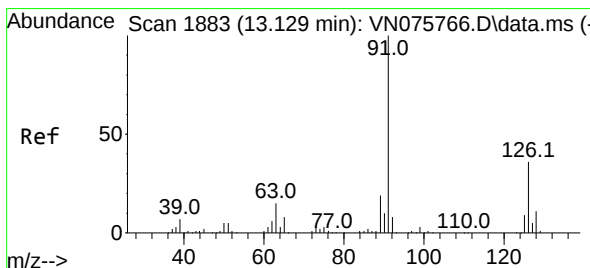
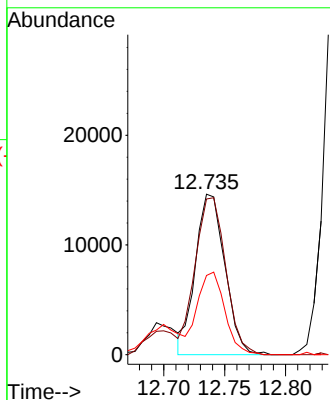
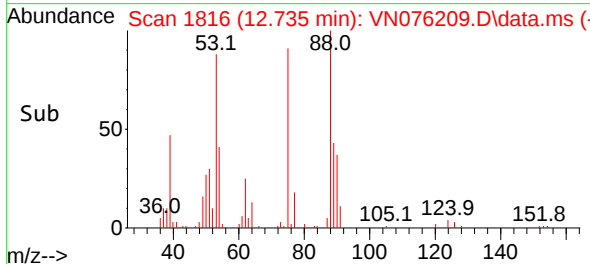
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01



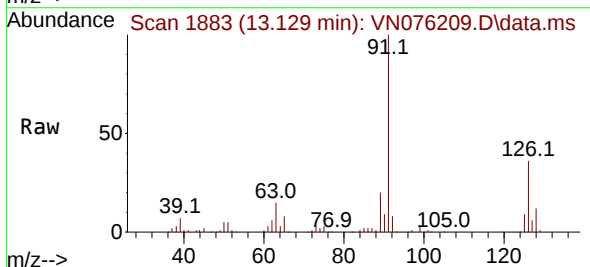
Tgt Ion: 75 Resp: 2461
Ion Ratio Lower Upper
75 100
53 101.8 73.8 110.6
89 47.7 39.5 59.3

Manual Integrations
APPROVED

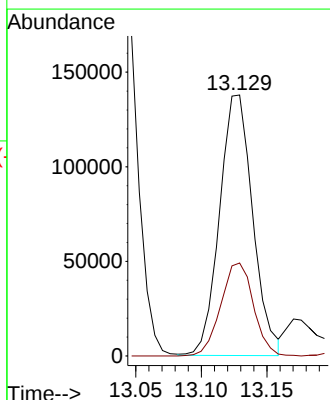
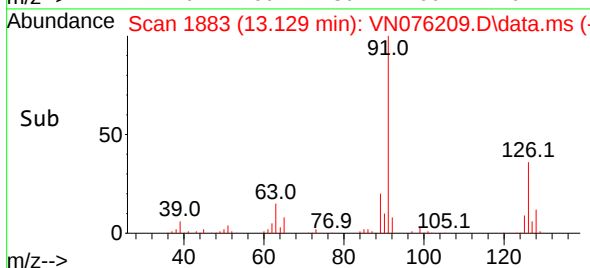
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

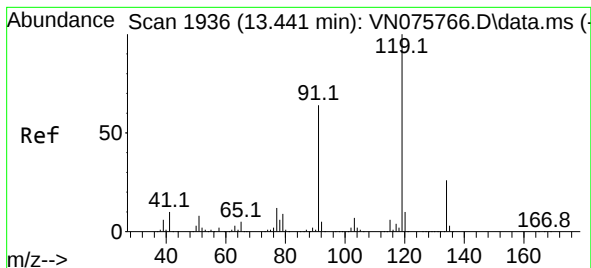


#82
4-Chlorotoluene
Concen: 18.943 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52



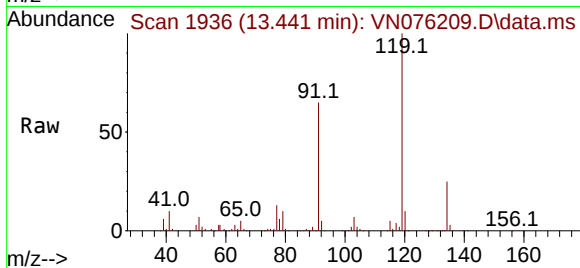
Tgt Ion: 91 Resp: 242869
Ion Ratio Lower Upper
91 100
126 35.1 17.5 52.5





#83
tert-Butylbenzene
Concen: 20.699 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

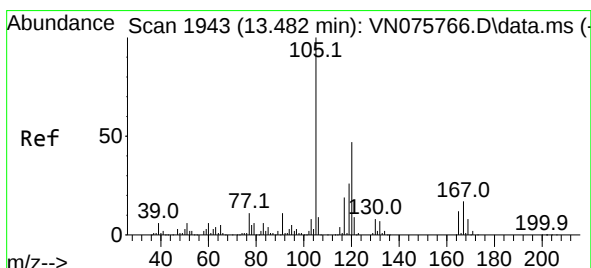
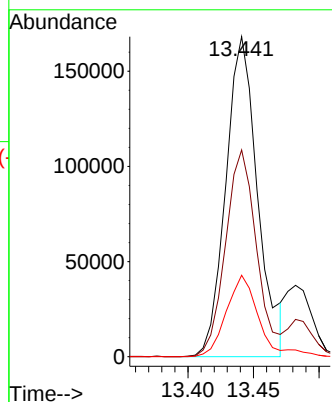
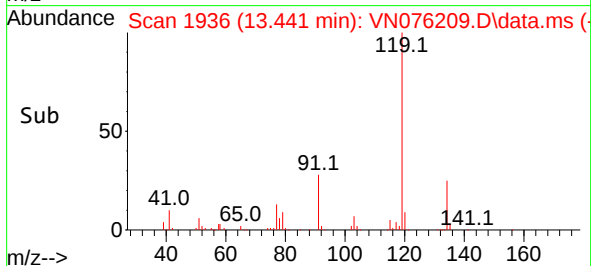
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01



Tgt Ion:119 Resp: 28444
Ion Ratio Lower Upper
119 100
91 63.1 31.9 95.5
134 26.0 13.8 41.4

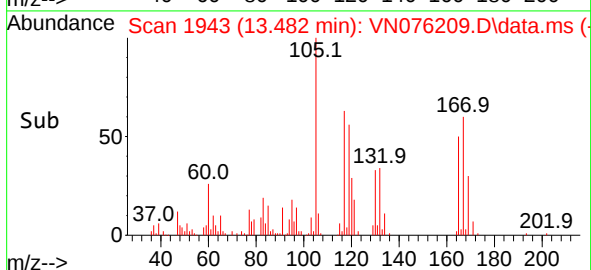
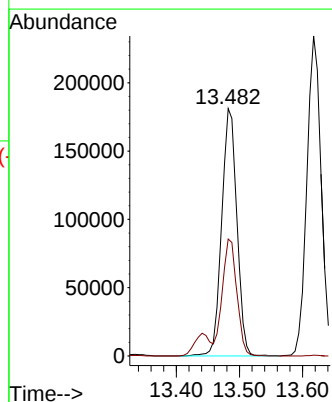
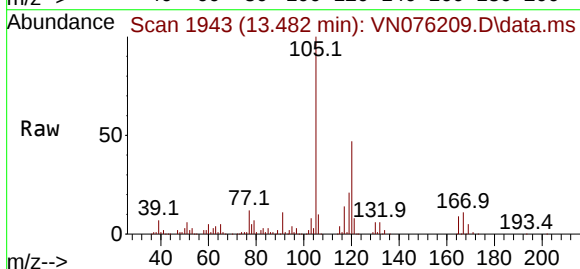
Manual Integrations
APPROVED

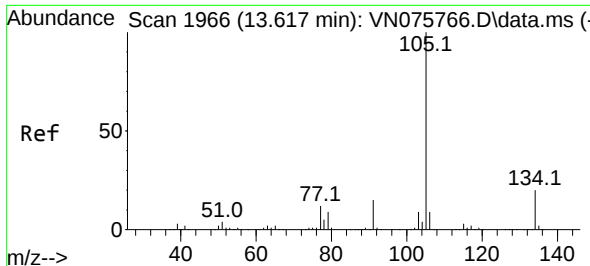
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.570 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

Tgt Ion:105 Resp: 302592
Ion Ratio Lower Upper
105 100
120 45.2 23.3 69.8





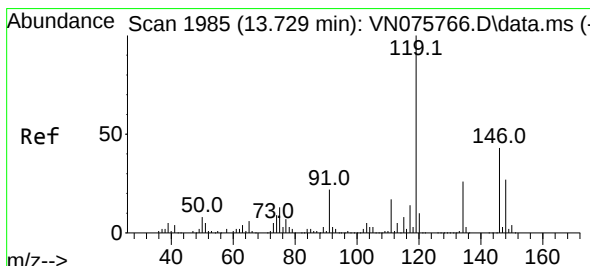
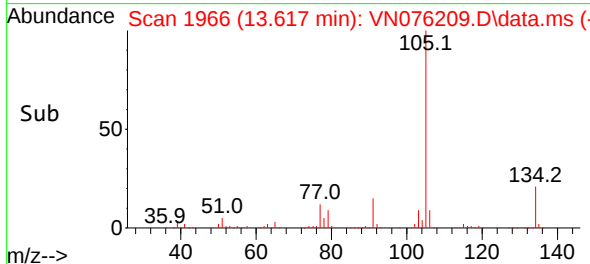
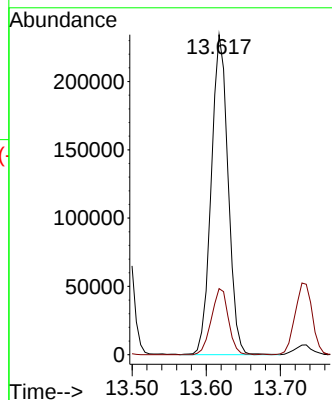
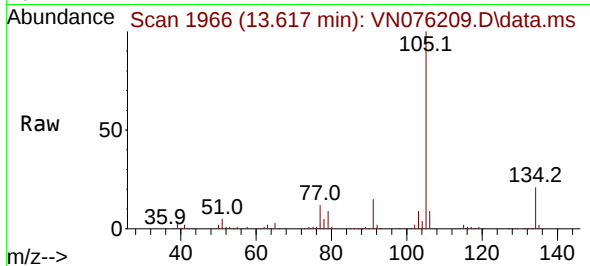
#85
 sec-Butylbenzene
 Concen: 19.482 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN076209.D
 Acq: 11 Jan 2023 14:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111MBS01

Tgt Ion:105 Resp: 369500
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.1 30.1

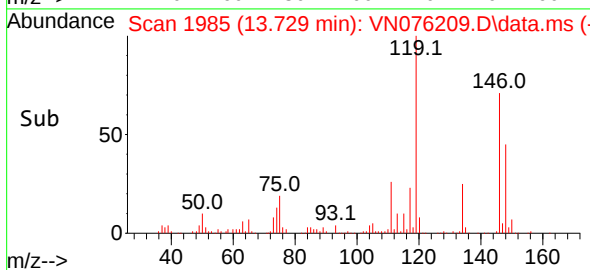
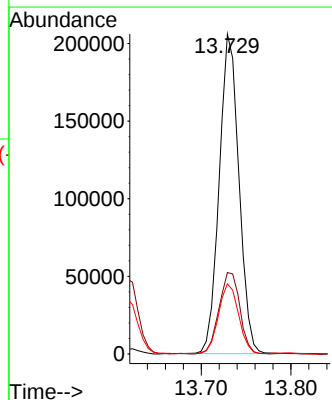
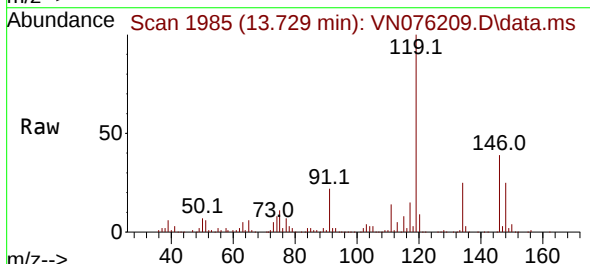
Manual Integrations
 APPROVED

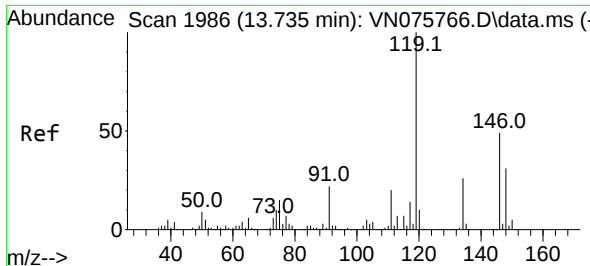
Reviewed By :John Carlone 01/12/2023
 Supervised By :Mahesh Dadoda 01/12/2023



#86
 p-Isopropyltoluene
 Concen: 19.872 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN076209.D
 Acq: 11 Jan 2023 14:52

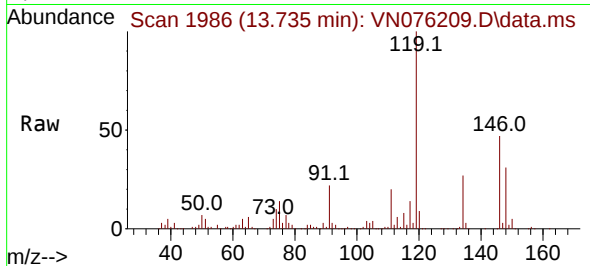
Tgt Ion:119 Resp: 313614
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.0 39.0
 91 22.2 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 17.791 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

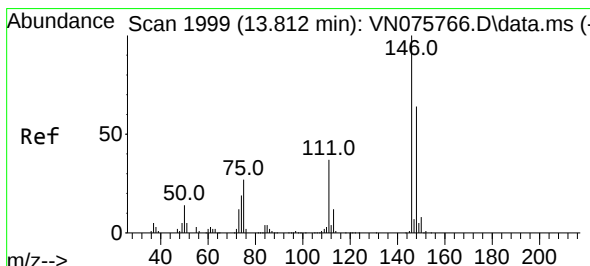
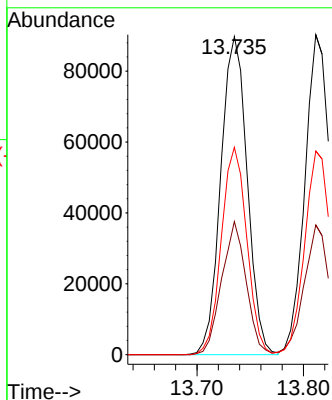
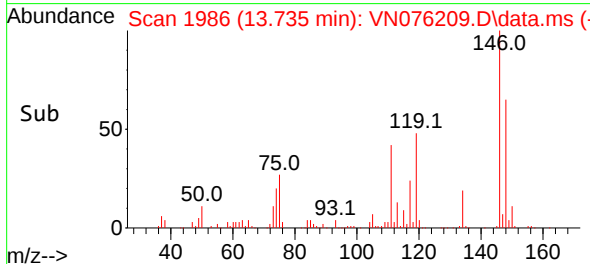
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01



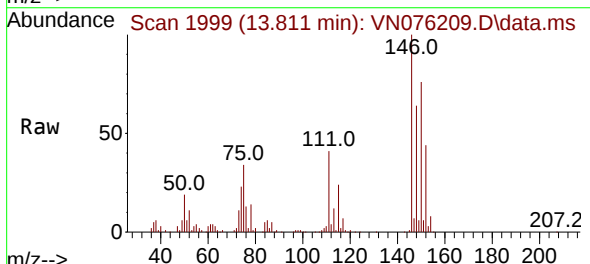
Tgt Ion:146 Resp: 154879
Ion Ratio Lower Upper
146 100
111 38.8 19.7 59.0
148 62.6 31.4 94.2

Manual Integrations
APPROVED

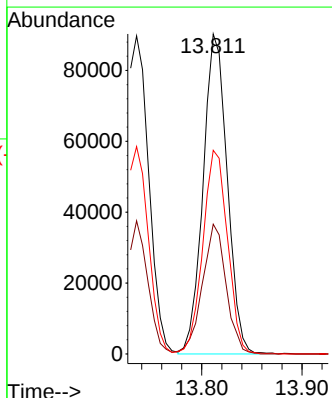
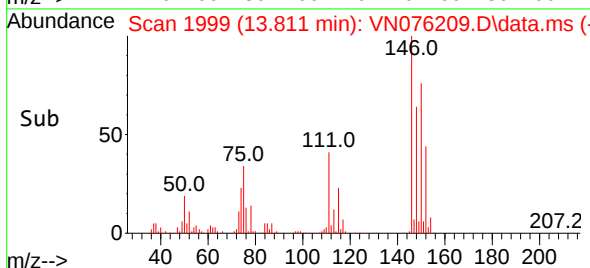
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

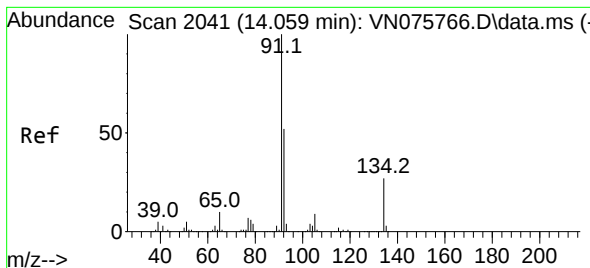


#88
1,4-Dichlorobenzene
Concen: 17.005 ug/l
RT: 13.811 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52



Tgt Ion:146 Resp: 151227
Ion Ratio Lower Upper
146 100
111 40.2 19.1 57.1
148 65.1 32.0 96.2





#89

n-Butylbenzene

Concen: 18.613 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN076209.D

Acq: 11 Jan 2023 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN0111MBS01

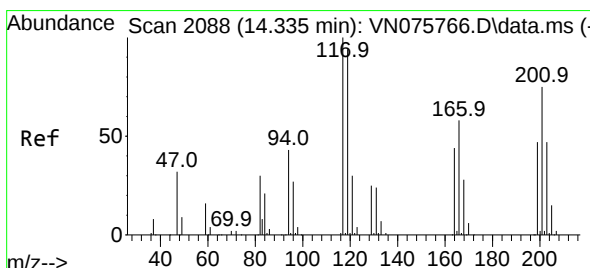
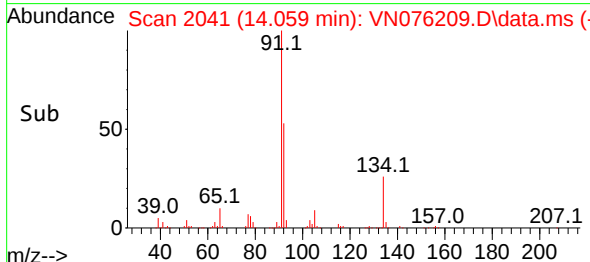
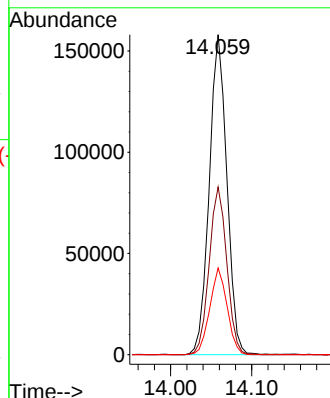
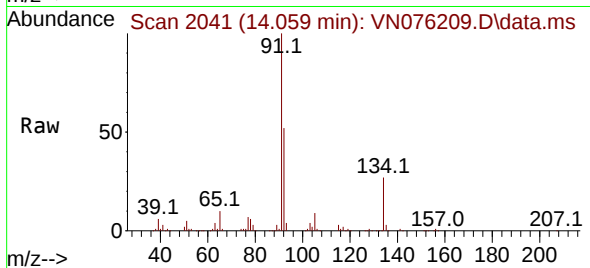
Tgt Ion:	91	Resp:	23798
Ion Ratio	Lower	Upper	
91	100		
92	52.5	26.4	79.2
134	26.7	13.4	40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#90

Hexachloroethane

Concen: 18.166 ug/l

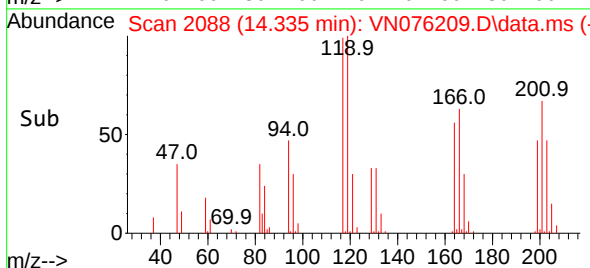
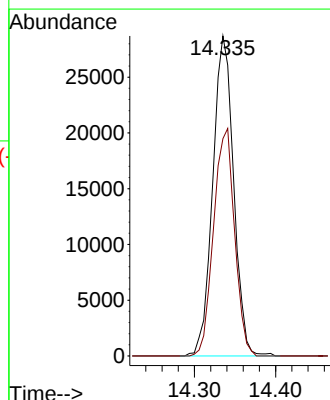
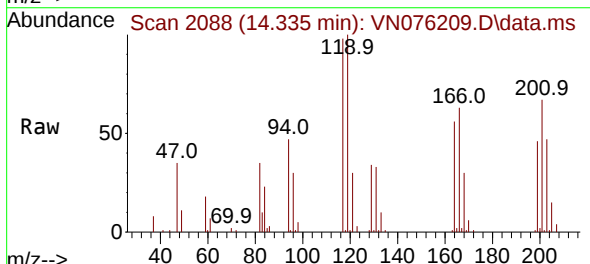
RT: 14.335 min Scan# 2088

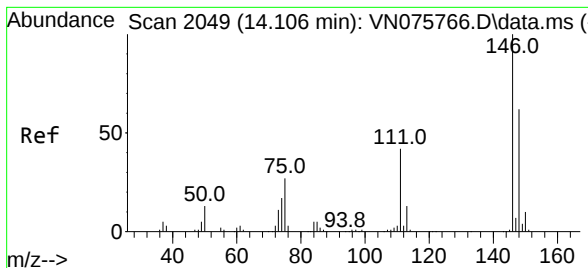
Delta R.T. -0.000 min

Lab File: VN076209.D

Acq: 11 Jan 2023 14:52

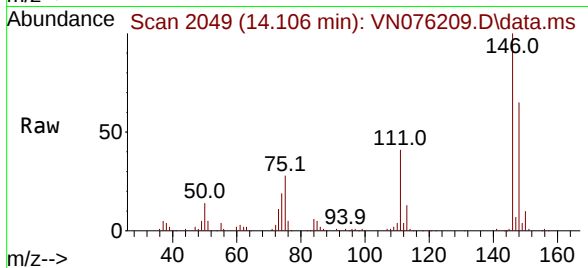
Tgt Ion:	117	Resp:	51284
Ion Ratio	Lower	Upper	
117	100		
201	71.4	38.0	114.1





#91
1,2-Dichlorobenzene
Concen: 17.704 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52

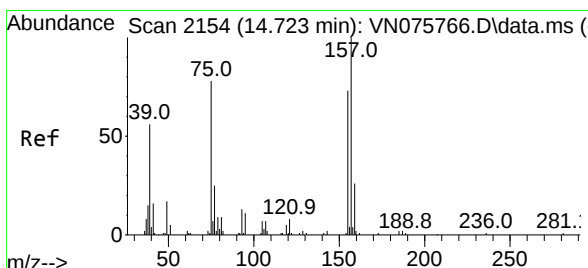
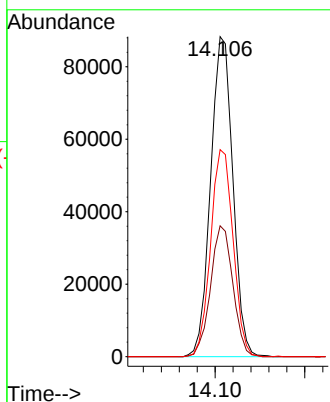
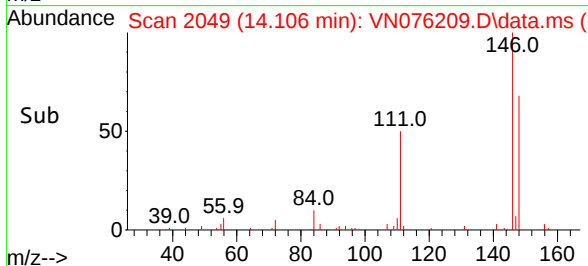
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01



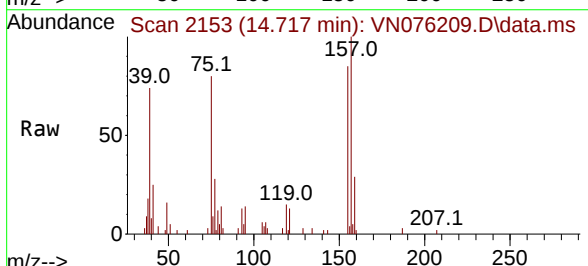
Tgt Ion:146 Resp: 15180
Ion Ratio Lower Upper
146 100
111 41.2 20.3 61.0
148 65.4 31.7 95.1

Manual Integrations
APPROVED

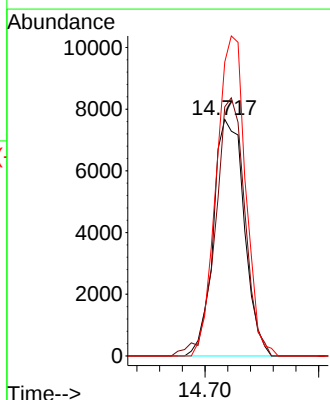
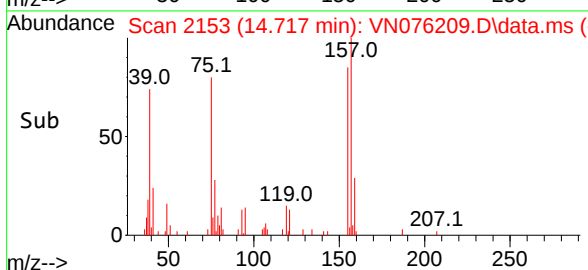
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

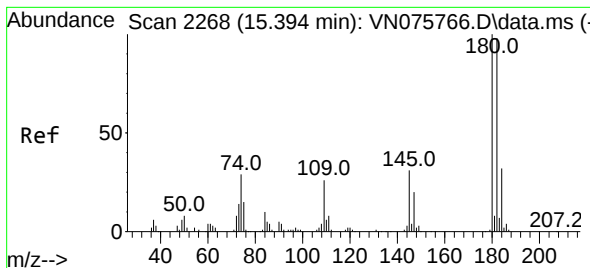


#92
1,2-Dibromo-3-Chloropropane
Concen: 14.147 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.006 min
Lab File: VN076209.D
Acq: 11 Jan 2023 14:52



Tgt Ion: 75 Resp: 14451
Ion Ratio Lower Upper
75 100
155 103.9 49.3 147.8
157 127.7 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 16.581 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076209.D

Acq: 11 Jan 2023 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN0111MBS01

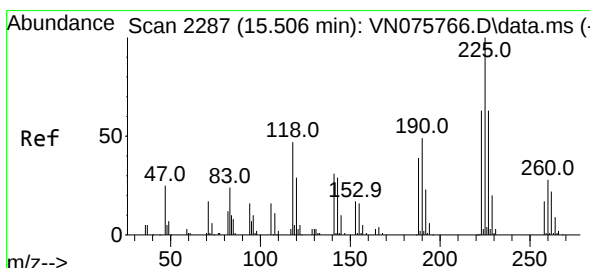
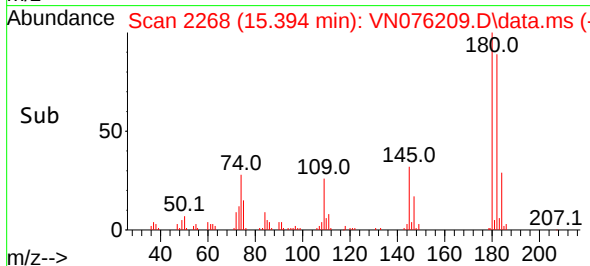
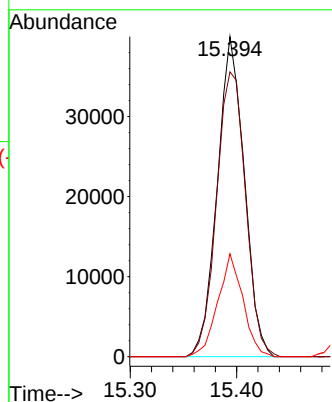
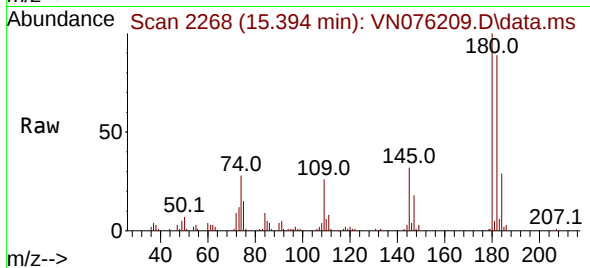
Tgt Ion:	180	Resp:	70390
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.5	142.5
145	29.9	15.3	45.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#94

Hexachlorobutadiene

Concen: 16.813 ug/l

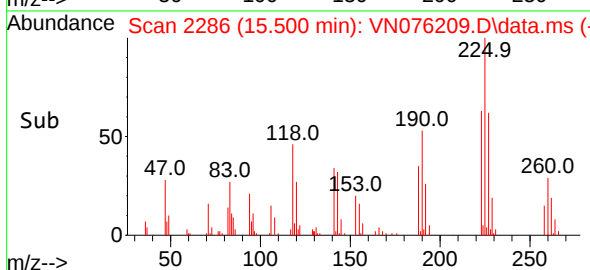
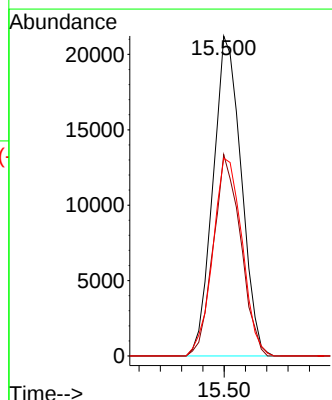
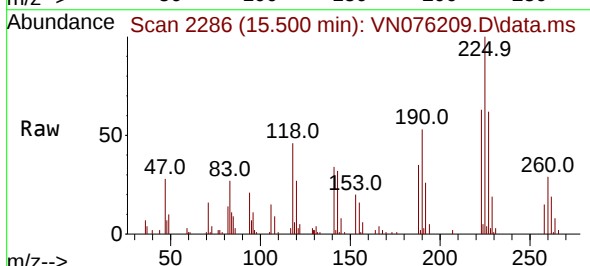
RT: 15.500 min Scan# 2286

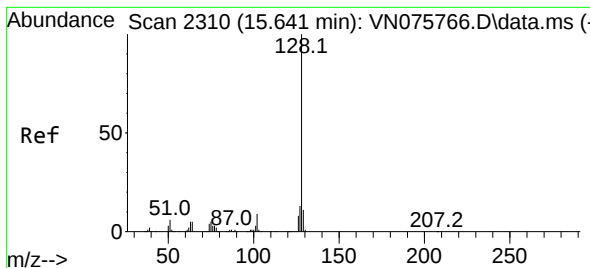
Delta R.T. -0.006 min

Lab File: VN076209.D

Acq: 11 Jan 2023 14:52

Tgt Ion:	225	Resp:	38941
Ion Ratio	Lower	Upper	
225	100		
223	61.1	31.5	94.5
227	64.2	31.6	95.0





#95

Naphthalene

Concen: 18.850 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN076209.D

Acq: 11 Jan 2023 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN0111MBS01

Tgt Ion:128 Resp: 244468

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

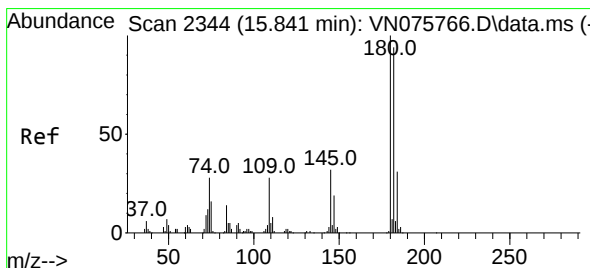
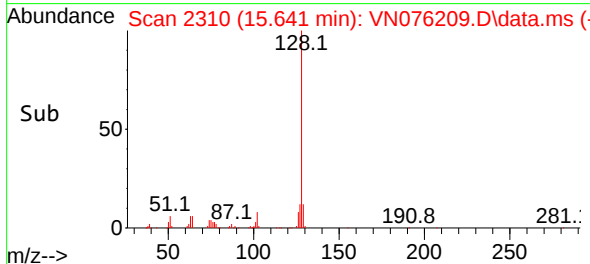
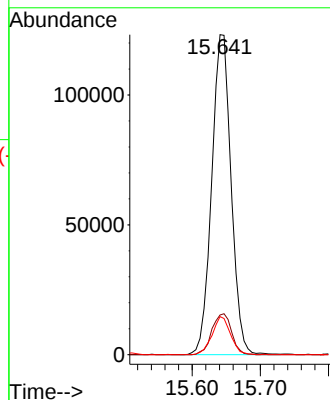
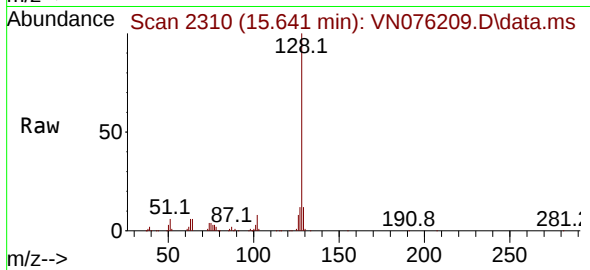
129 11.3 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#96

1,2,3-Trichlorobenzene

Concen: 17.624 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN076209.D

Acq: 11 Jan 2023 14:52

Tgt Ion:180 Resp: 69930

Ion Ratio Lower Upper

180 100

182 92.4 47.0 141.0

145 31.3 16.0 47.9

