

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032523\
 Data File : VN077193.D
 Acq On : 24 Mar 2023 23:18
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 27 02:28:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 27 02:24:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	462438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	808363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	749189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	353217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	1064594	147.238	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 294.480%#	
35) Dibromofluoromethane	8.172	113	814147	148.427	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 296.860%#	
50) Toluene-d8	10.572	98	3200736	155.731	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 311.460%#	
62) 4-Bromofluorobenzene	12.854	95	1124768	166.746	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 333.500%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	762002	157.963	ug/l	99
3) Chloromethane	2.372	50	923623	136.482	ug/l	96
4) Vinyl Chloride	2.525	62	980218	128.237	ug/l	98
5) Bromomethane	2.913	94	828409	135.773	ug/l	94
6) Chloroethane	3.101	64	877008	132.338	ug/l	98
7) Trichlorofluoromethane	3.496	101	1488976	127.036	ug/l	98
8) Diethyl Ether	3.966	74	551562	142.969	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.378	101	760994	151.696	ug/l	97
10) Methyl Iodide	4.596	142	955850	168.882	ug/l	95
11) Tert butyl alcohol	5.542	59	789422	801.098	ug/l	100
12) 1,1-Dichloroethene	4.343	96	763419	159.994	ug/l	86
13) Acrolein	4.184	56	1042398	754.190	ug/l	100
14) Allyl chloride	5.025	41	1489047	166.107	ug/l #	78
15) Acrylonitrile	5.731	53	2348112	764.335	ug/l	99
16) Acetone	4.437	43	1961815	729.723	ug/l	91
17) Carbon Disulfide	4.719	76	2172457	162.710	ug/l	98
18) Methyl Acetate	5.031	43	1632420	151.774	ug/l #	82
19) Methyl tert-butyl Ether	5.807	73	2801594	165.175	ug/l	96
20) Methylene Chloride	5.284	84	884818	147.798	ug/l #	77
21) trans-1,2-Dichloroethene	5.790	96	816990	156.024	ug/l	84
22) Diisopropyl ether	6.678	45	3058933	158.311	ug/l #	91
23) Vinyl Acetate	6.613	43	10478133	840.383	ug/l #	88
24) 1,1-Dichloroethane	6.578	63	1643354	152.126	ug/l	98
25) 2-Butanone	7.489	43	3190145	758.904	ug/l #	81
26) 2,2-Dichloropropane	7.495	77	1188674	159.563	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	956016	158.276	ug/l	86
28) Bromochloromethane	7.819	49	726655	131.911	ug/l #	73
29) Tetrahydrofuran	7.842	42	2159197	775.378	ug/l #	74
30) Chloroform	7.972	83	1583302	148.808	ug/l	99
31) Cyclohexane	8.260	56	1474587	146.807	ug/l	83
32) 1,1,1-Trichloroethane	8.172	97	1449393	158.669	ug/l	97
36) 1,1-Dichloropropene	8.378	75	1223829	160.312	ug/l	96
37) Ethyl Acetate	7.566	43	1367045	160.654	ug/l #	89
38) Carbon Tetrachloride	8.366	117	1238684	160.029	ug/l	98
39) Methylcyclohexane	9.607	83	1499536	168.180	ug/l #	85
40) Benzene	8.613	78	3598068	153.788	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	707982	152.228	ug/l #	83
42) 1,2-Dichloroethane	8.672	62	1318947	149.516	ug/l	94
43) Isopropyl Acetate	8.695	43	2242326	163.340	ug/l #	86
44) Trichloroethene	9.354	130	863771	161.135	ug/l	97
45) 1,2-Dichloropropane	9.625	63	956094	153.657	ug/l	100
46) Dibromomethane	9.713	93	617591	151.862	ug/l	98
47) Bromodichloromethane	9.889	83	1289423	159.420	ug/l	97
48) Methyl methacrylate	9.683	41	1078008	163.067	ug/l #	77
49) 1,4-Dioxane	9.701	88	332583	2951.064	ug/l #	79
51) 4-Methyl-2-Pentanone	10.448	43	6859195	794.109	ug/l	86
52) Toluene	10.630	92	2299449	161.156	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	1400356	170.617	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	1512609	168.400	ug/l #	85
55) 1,1,2-Trichloroethane	11.019	97	851565	152.033	ug/l	97
56) Ethyl methacrylate	10.877	69	1436522	173.735	ug/l #	70
57) 1,3-Dichloropropane	11.166	76	1524236	152.644	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	2834814	878.900	ug/l	90
59) 2-Hexanone	11.201	43	4957068	798.546	ug/l	83
60) Dibromochloromethane	11.360	129	955510	166.057	ug/l	98
61) 1,2-Dibromoethane	11.472	107	883171	158.657	ug/l	99
64) Tetrachloroethene	11.107	164	710040	152.783	ug/l	97
65) Chlorobenzene	11.895	112	2347411	155.512	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	855248	155.089	ug/l	99
67) Ethyl Benzene	11.966	91	4416661	160.838	ug/l	100
68) m/p-Xylenes	12.071	106	3378383	323.457	ug/l	95
69) o-Xylene	12.401	106	1679167	166.019	ug/l	92
70) Styrene	12.413	104	2863443	175.267	ug/l	96
71) Bromoform	12.583	173	696163	170.432	ug/l #	97
73) Isopropylbenzene	12.701	105	4396343	158.192	ug/l	97
74) N-amyl acetate	12.495	43	1984594	163.880	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.942	83	1281843	138.088	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	1652180	216.522	ug/l	58
77) Bromobenzene	12.983	156	963443	150.588	ug/l	93
78) n-propylbenzene	13.036	91	5137981	160.310	ug/l	97
79) 2-Chlorotoluene	13.130	91	3019090	153.183	ug/l	95
80) 1,3,5-Trimethylbenzene	13.177	105	3692989	159.570	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.742	75	425408	171.114	ug/l	88
82) 4-Chlorotoluene	13.224	91	2982571	159.433	ug/l	95
83) tert-Butylbenzene	13.442	119	3128699	159.841	ug/l	95
84) 1,2,4-Trimethylbenzene	13.483	105	3727197	163.882	ug/l	95
85) sec-Butylbenzene	13.618	105	4607838	165.050	ug/l	97
86) p-Isopropyltoluene	13.730	119	3931087	175.814	ug/l	96
87) 1,3-Dichlorobenzene	13.736	146	1873697	162.259	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	1848218	160.025	ug/l	99
89) n-Butylbenzene	14.060	91	3378934	184.329	ug/l	98
90) Hexachloroethane	14.336	117	679222	163.010	ug/l	94
91) 1,2-Dichlorobenzene	14.107	146	1802720	156.516	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	259019	157.690	ug/l	88
93) 1,2,4-Trichlorobenzene	15.395	180	948773	158.733	ug/l	100
94) Hexachlorobutadiene	15.507	225	436999	149.570	ug/l	98
95) Naphthalene	15.642	128	3200355	155.004	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	918910	155.528	ug/l	99

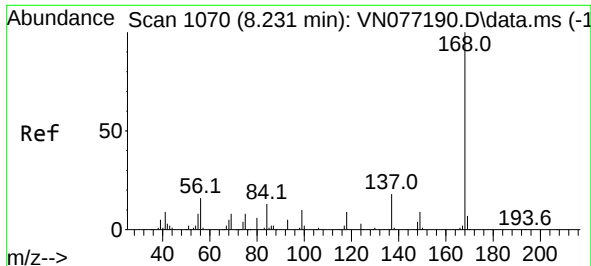
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Quant Title : SW846 8260
QLast Update : Mon Mar 27 02:24:53 2023
Response via : Initial Calibration

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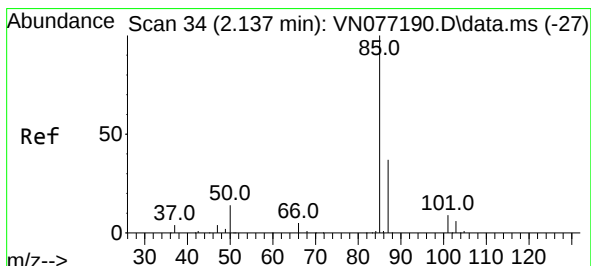
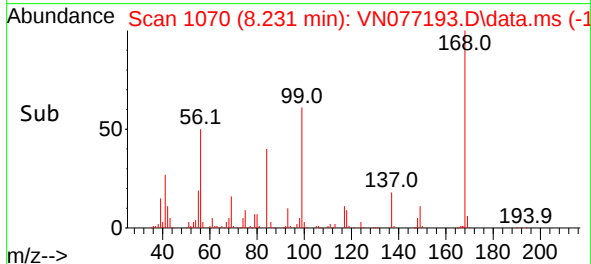
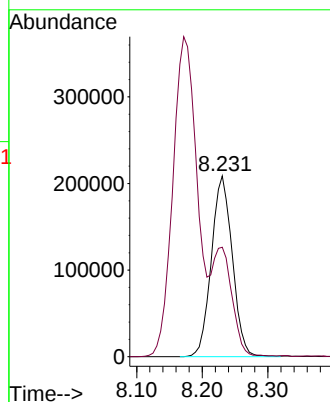
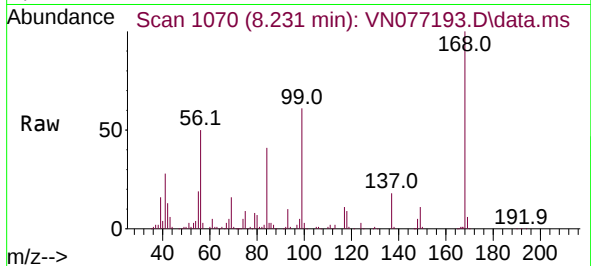
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
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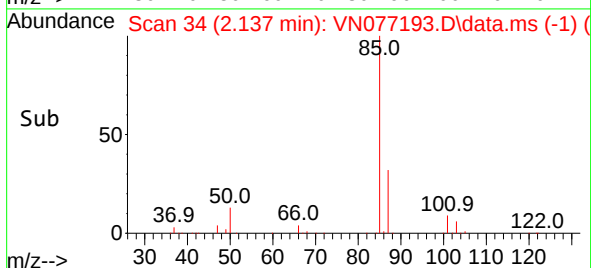
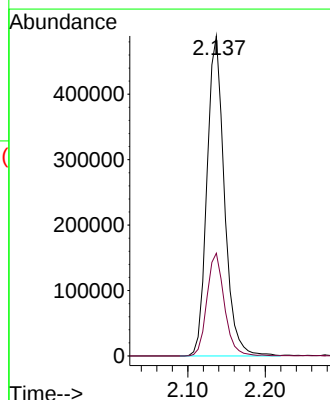
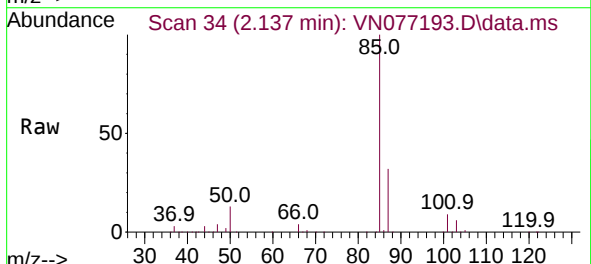
Instrument :
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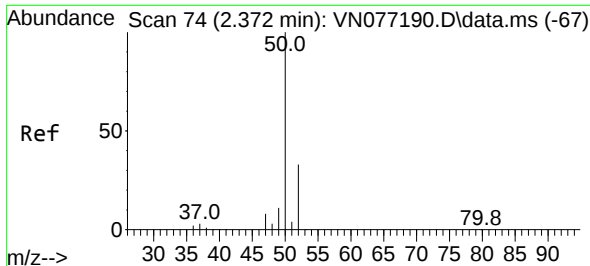
Tgt Ion:168 Resp: 462438
Ion Ratio Lower Upper
168 100
99 60.0 48.6 73.0



#2
Dichlorodifluoromethane
Concen: 157.963 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

Tgt Ion: 85 Resp: 762002
Ion Ratio Lower Upper
85 100
87 32.1 16.2 48.6

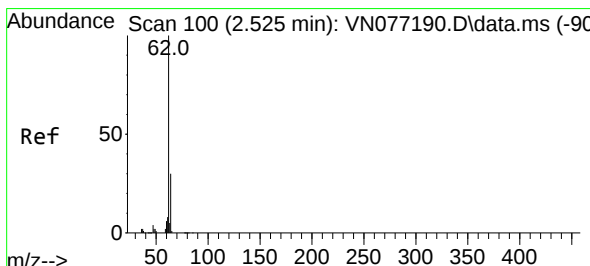
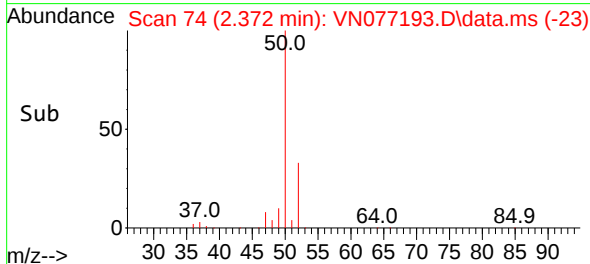
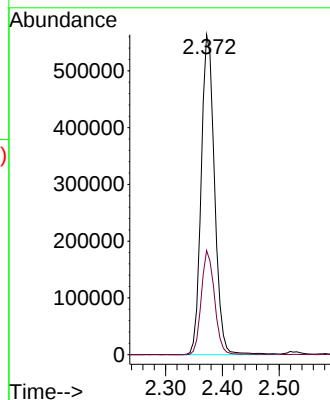
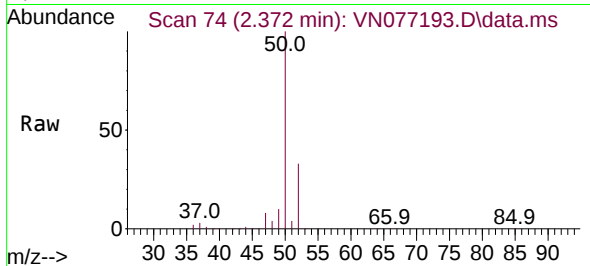




#3
Chloromethane
Concen: 136.482 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

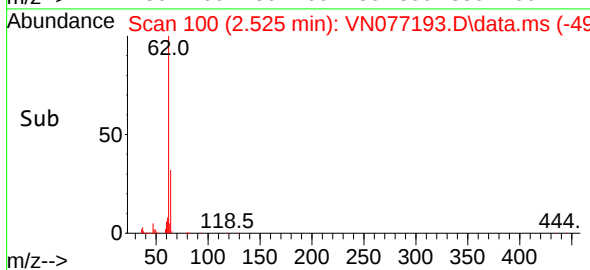
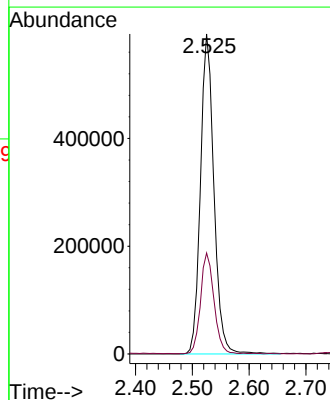
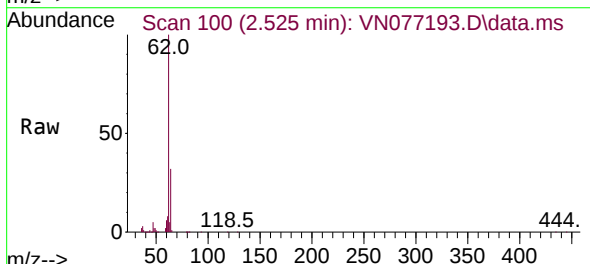
Instrument :
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ClientSampleId :
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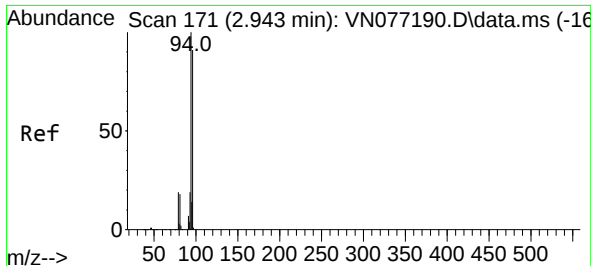
Tgt Ion: 50 Resp: 923623
Ion Ratio Lower Upper
50 100
52 32.5 27.9 41.9



#4
Vinyl Chloride
Concen: 128.237 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

Tgt Ion: 62 Resp: 980218
Ion Ratio Lower Upper
62 100
64 31.5 24.5 36.7

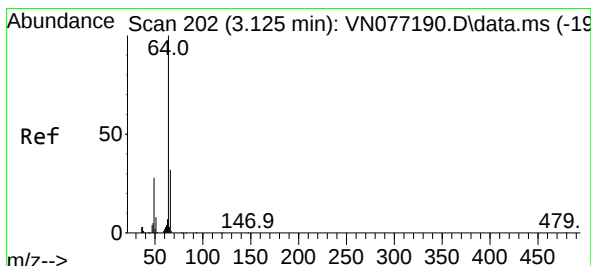
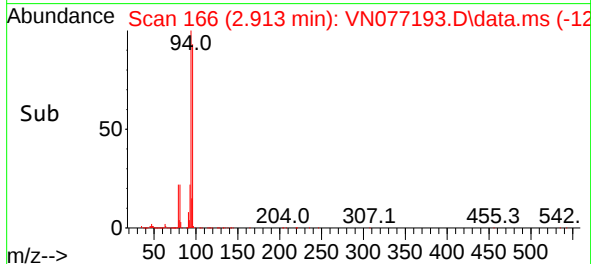
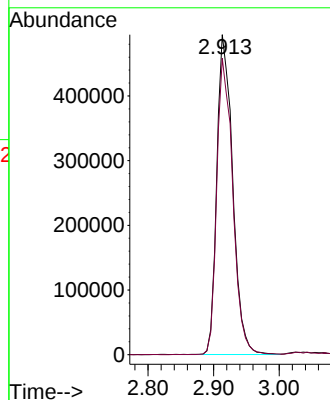
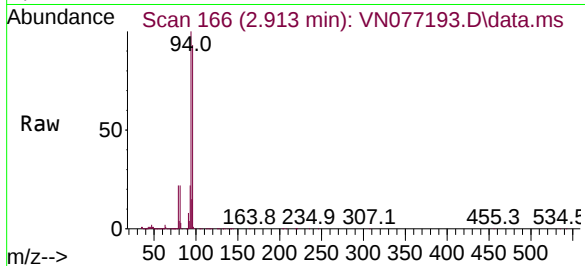




#5
Bromomethane
Concen: 135.773 ug/l
RT: 2.913 min Scan# 1
Delta R.T. -0.030 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

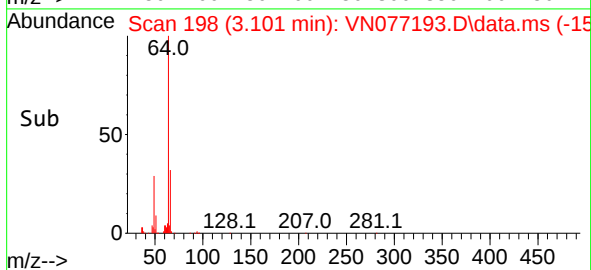
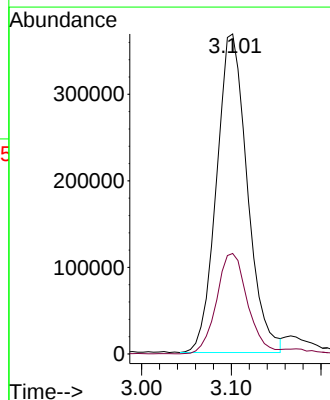
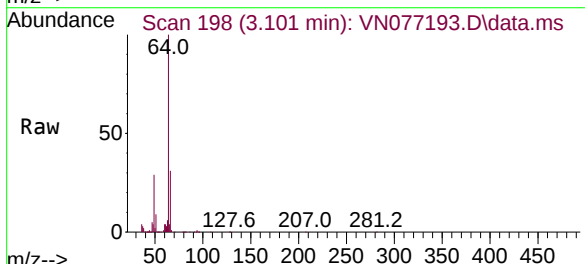
Instrument :
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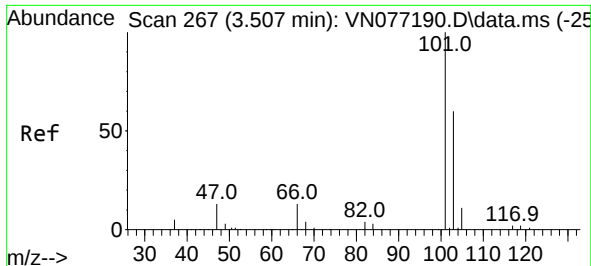
Tgt Ion: 94 Resp: 828409
Ion Ratio Lower Upper
94 100
96 92.6 79.0 118.6



#6
Chloroethane
Concen: 132.338 ug/l
RT: 3.101 min Scan# 198
Delta R.T. -0.024 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

Tgt Ion: 64 Resp: 877008
Ion Ratio Lower Upper
64 100
66 31.5 26.2 39.4

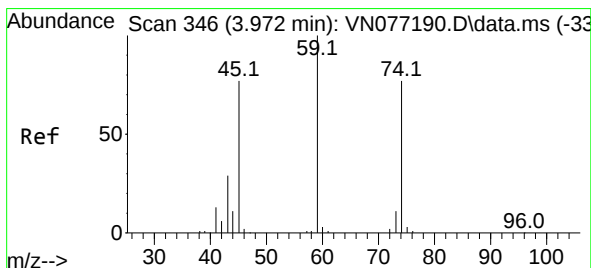
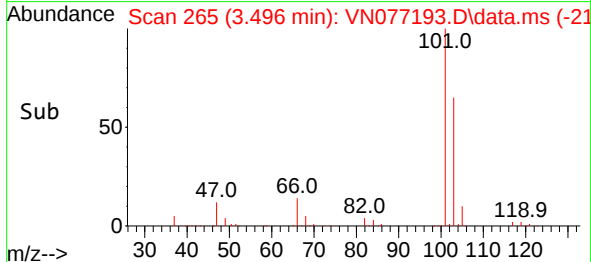
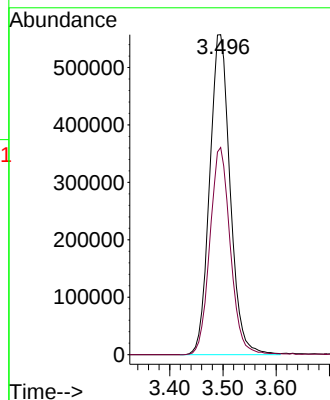
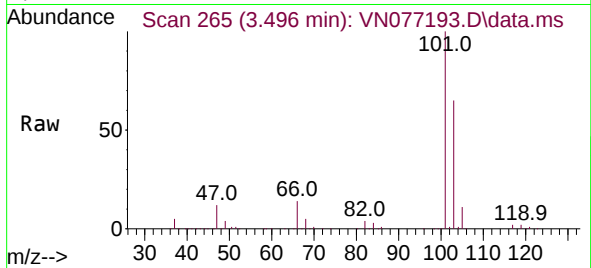




#7
Trichlorofluoromethane
Concen: 127.036 ug/l
RT: 3.496 min Scan# 2
Delta R.T. -0.011 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

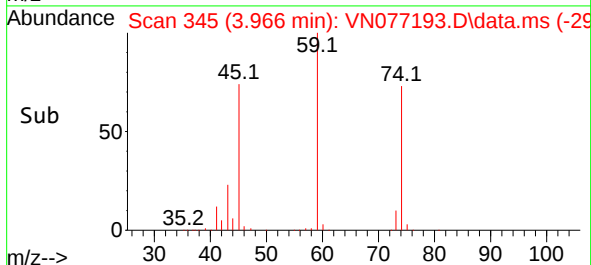
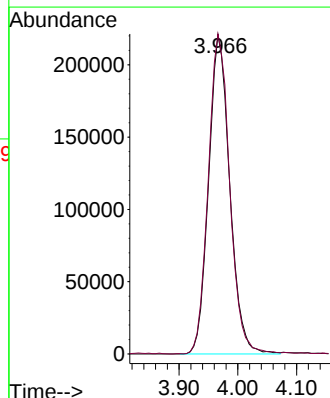
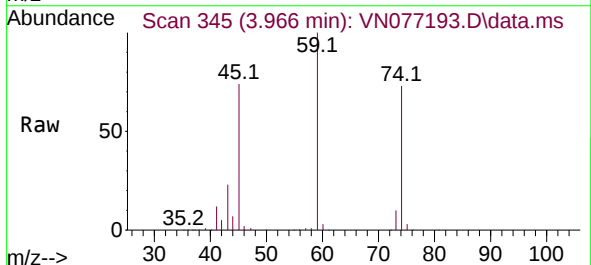
Instrument :
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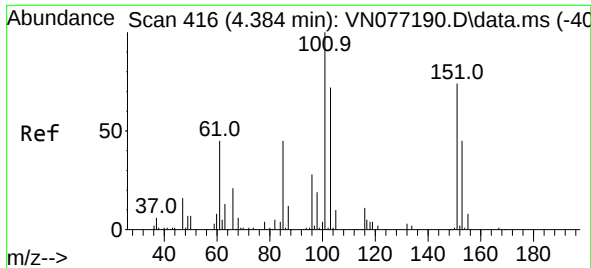
Tgt Ion:101 Resp: 1488976
Ion Ratio Lower Upper
101 100
103 64.8 53.4 80.0



#8
Diethyl Ether
Concen: 142.969 ug/l
RT: 3.966 min Scan# 345
Delta R.T. -0.006 min
Lab File: VN077193.D
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Tgt Ion: 74 Resp: 551562
Ion Ratio Lower Upper
74 100
45 101.9 35.5 106.5

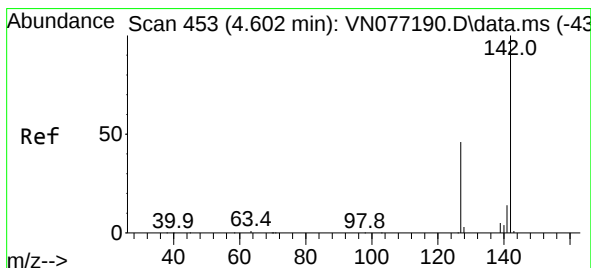
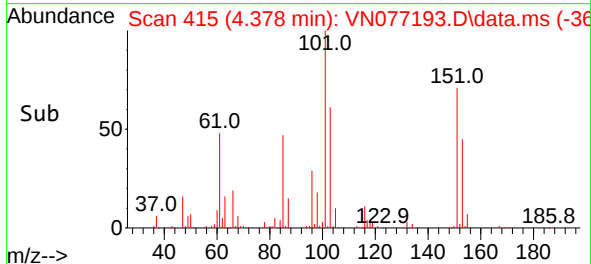
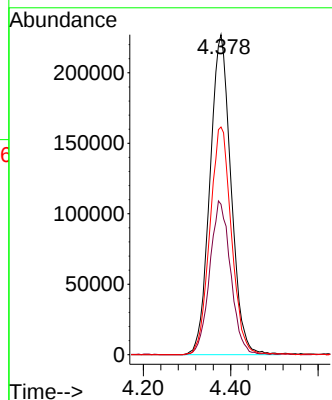
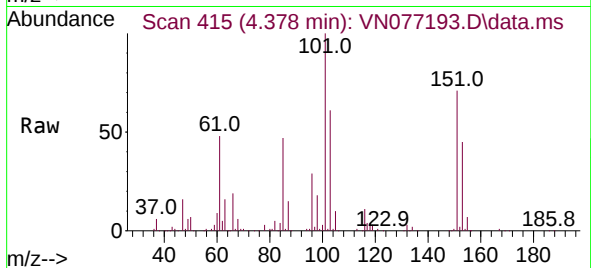




#9
1,1,2-Trichlorotrifluoroethane
Concen: 151.696 ug/l
RT: 4.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN077193.D
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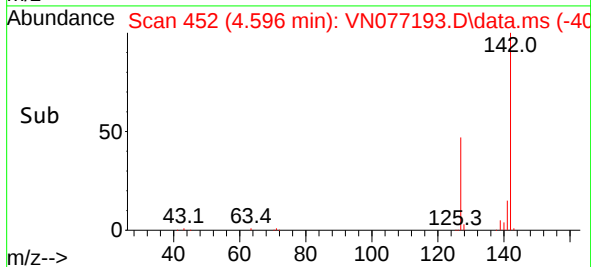
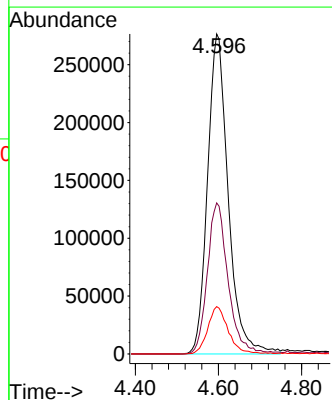
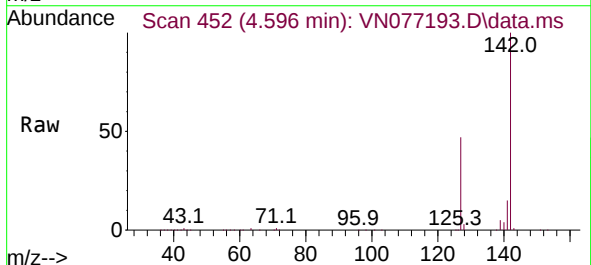
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

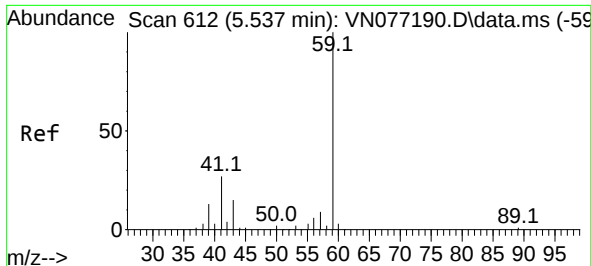
Tgt Ion:101 Resp: 760994
Ion Ratio Lower Upper
101 100
85 47.6 35.2 52.8
151 72.8 58.9 88.3



#10
Methyl Iodide
Concen: 168.882 ug/l
RT: 4.596 min Scan# 452
Delta R.T. -0.006 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

Tgt Ion:142 Resp: 955850
Ion Ratio Lower Upper
142 100
127 47.2 35.2 52.8
141 14.8 10.2 15.2

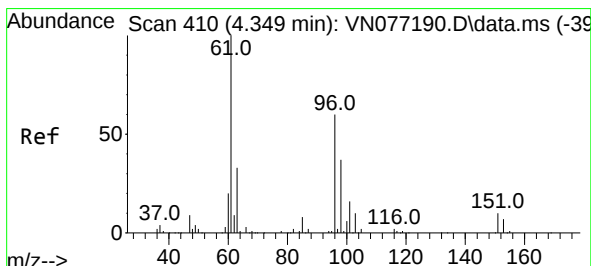
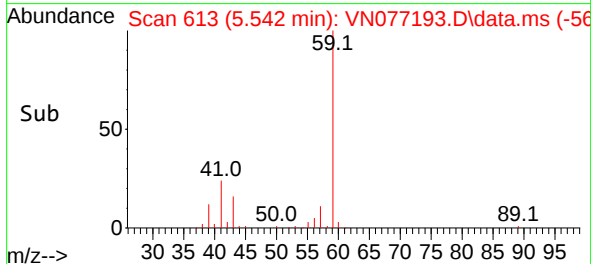
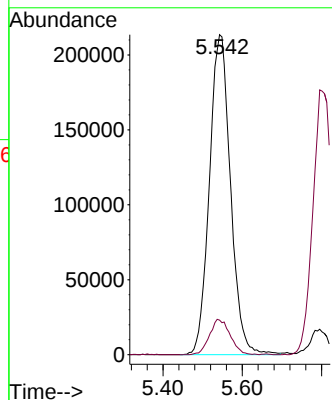
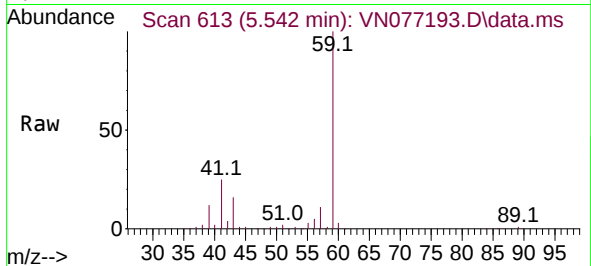




#11
Tert butyl alcohol
Concen: 801.098 ug/l
RT: 5.542 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

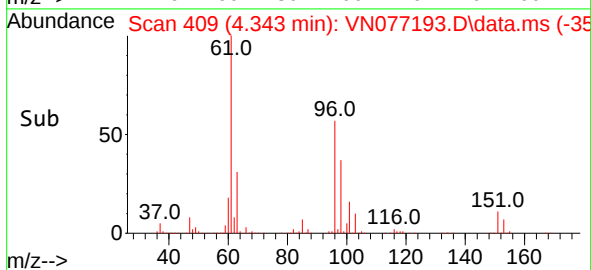
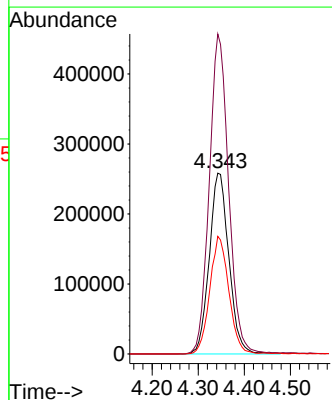
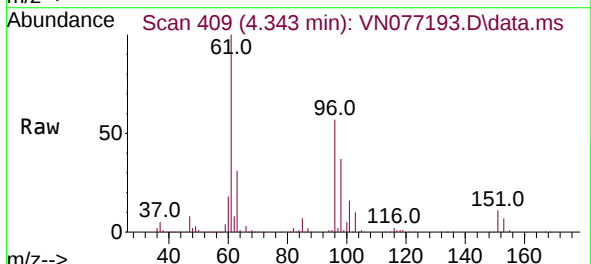
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

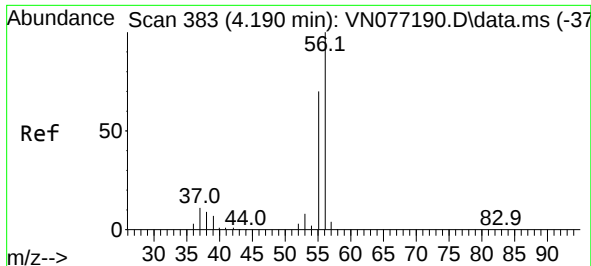
Tgt Ion: 59 Resp: 789422
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8



#12
1,1-Dichloroethene
Concen: 159.994 ug/l
RT: 4.343 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

Tgt Ion: 96 Resp: 763419
Ion Ratio Lower Upper
96 100
61 176.9 121.3 181.9
98 65.1 52.1 78.1





#13

Acrolein

Concen: 754.190 ug/l

RT: 4.184 min Scan# 382

Delta R.T. -0.006 min

Lab File: VN077193.D

Acq: 24 Mar 2023 23:18

Instrument :

MSVOA_N

ClientSampleId :

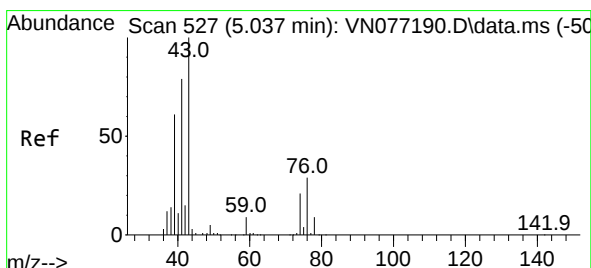
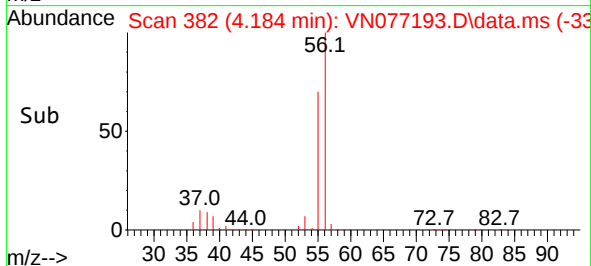
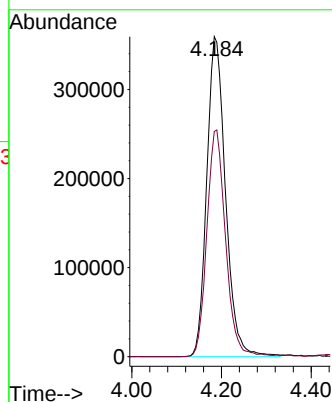
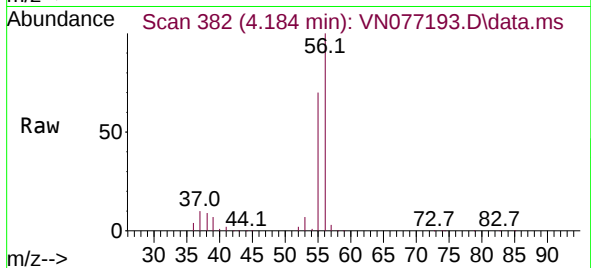
VSTDIC150

Tgt Ion: 56 Resp: 1042398

Ion Ratio Lower Upper

56 100

55 70.7 56.7 85.1



#14

Allyl chloride

Concen: 166.107 ug/l

RT: 5.025 min Scan# 525

Delta R.T. -0.012 min

Lab File: VN077193.D

Acq: 24 Mar 2023 23:18

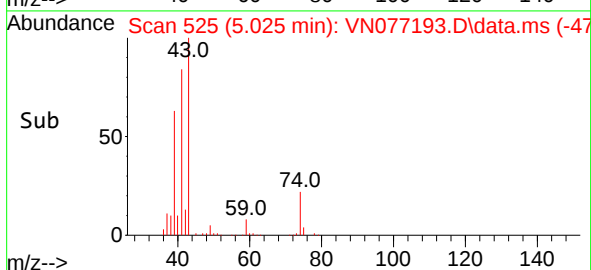
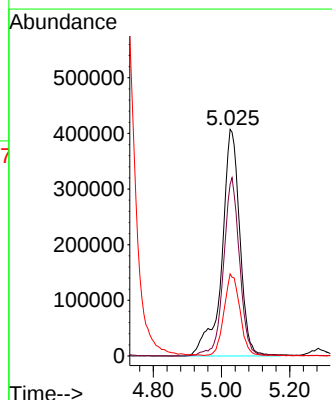
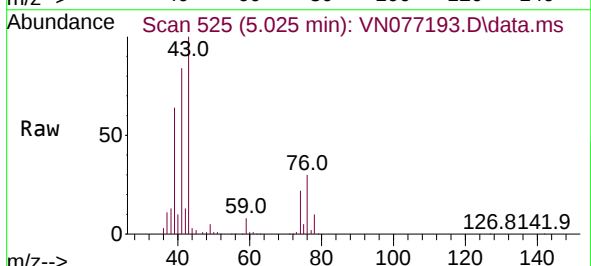
Tgt Ion: 41 Resp: 1489047

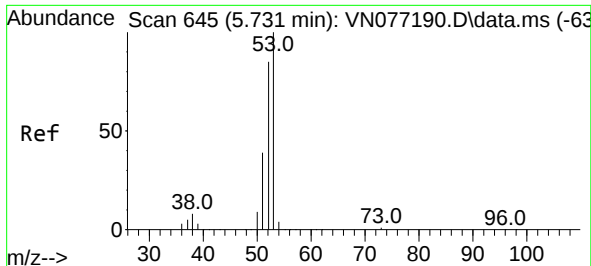
Ion Ratio Lower Upper

41 100

39 70.3 68.1 102.1

76 31.8 44.1 66.1#

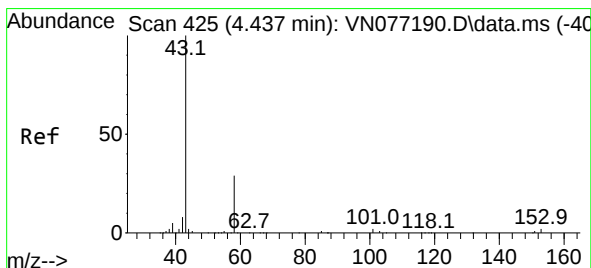
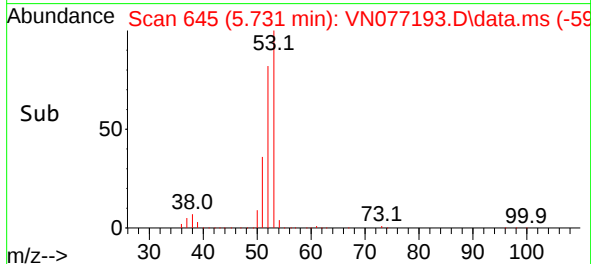
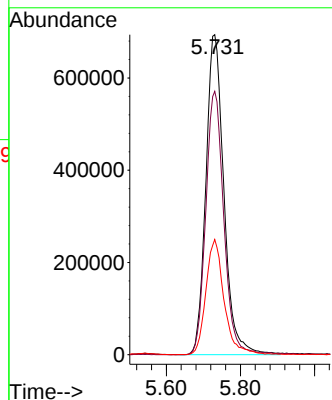
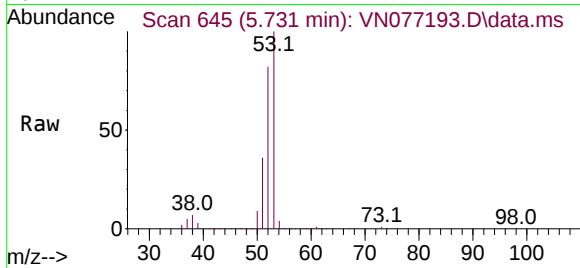




#15
Acrylonitrile
Concen: 764.335 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

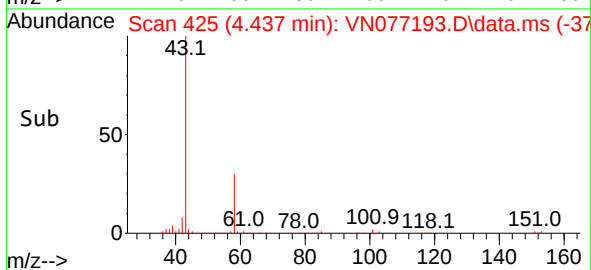
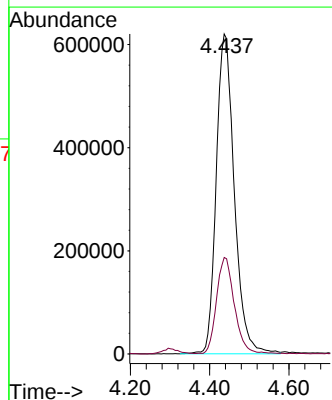
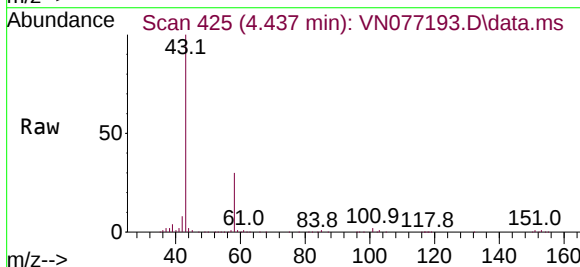
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

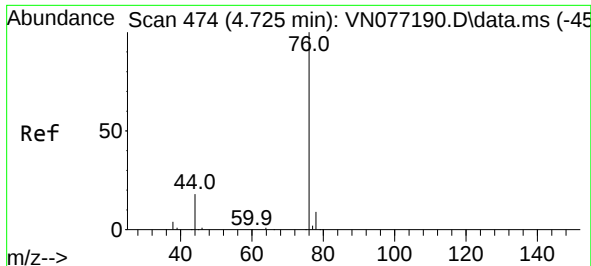
Tgt Ion: 53 Resp: 2348112
Ion Ratio Lower Upper
53 100
52 82.3 65.3 97.9
51 36.3 28.8 43.2



#16
Acetone
Concen: 729.723 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

Tgt Ion: 43 Resp: 1961815
Ion Ratio Lower Upper
43 100
58 30.0 28.2 42.2

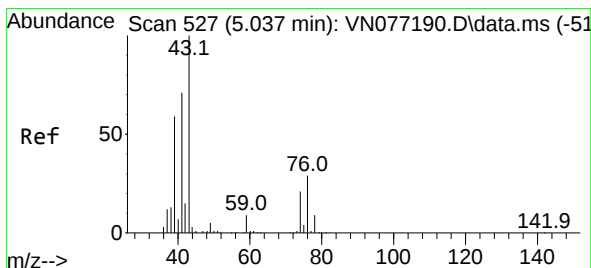
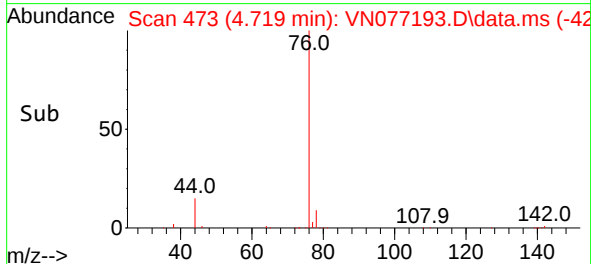
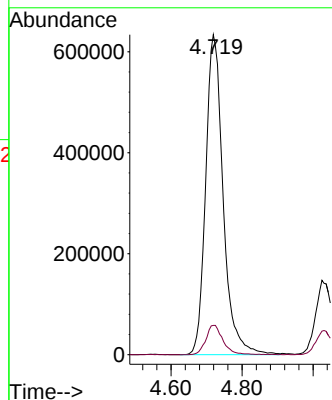
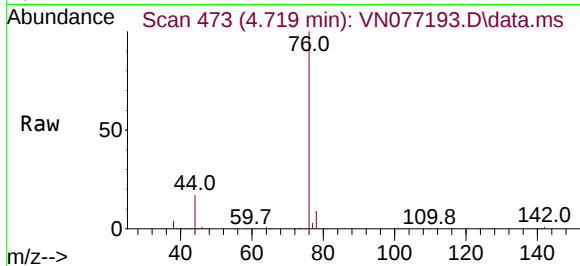




#17
Carbon Disulfide
Concen: 162.710 ug/l
RT: 4.719 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

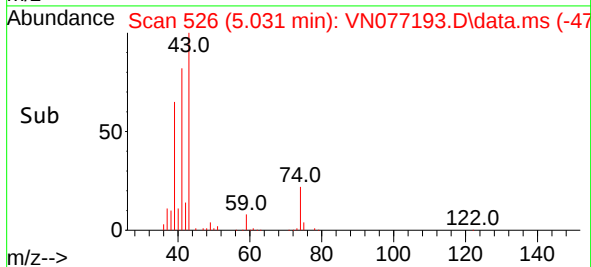
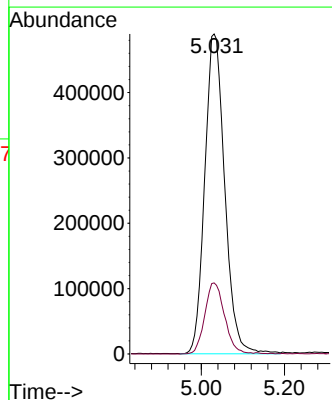
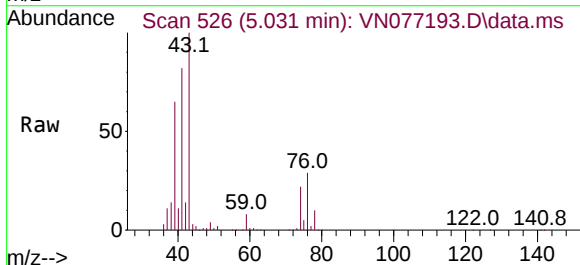
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

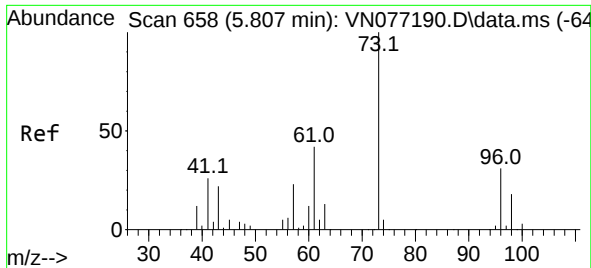
Tgt Ion: 76 Resp: 2172457
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.8



#18
Methyl Acetate
Concen: 151.774 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

Tgt Ion: 43 Resp: 1632420
Ion Ratio Lower Upper
43 100
74 22.0 25.9 38.9#

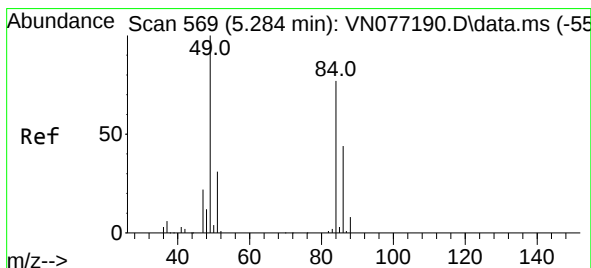
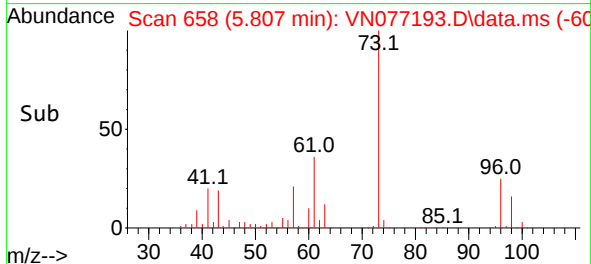
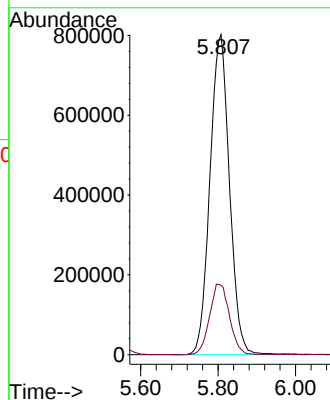
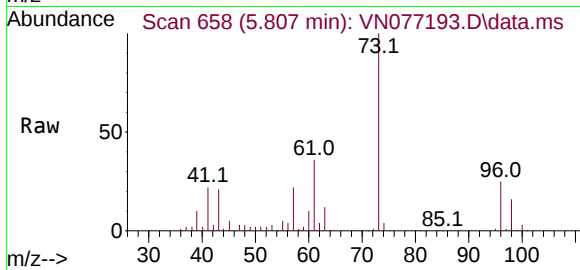




#19
Methyl tert-butyl Ether
Concen: 165.175 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

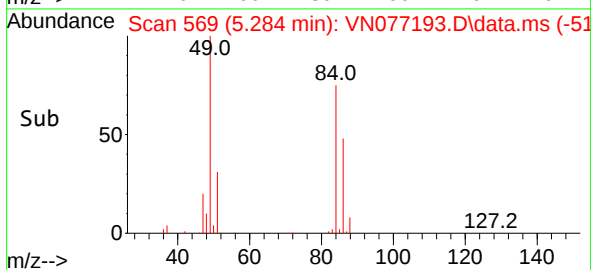
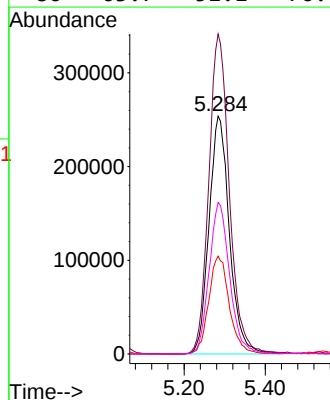
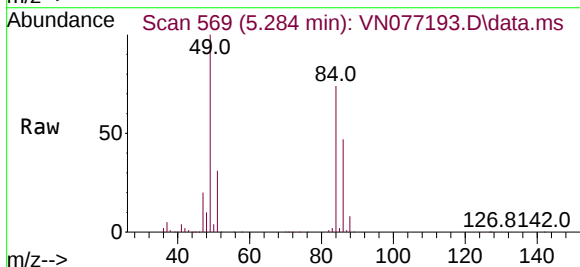
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

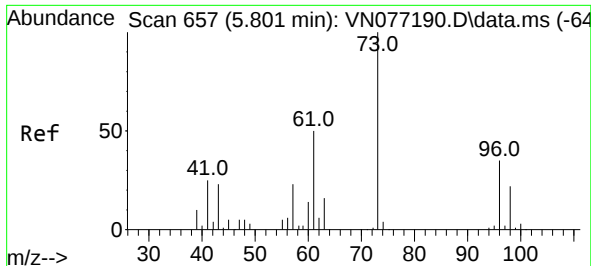
Tgt Ion: 73 Resp: 2801594
Ion Ratio Lower Upper
73 100
57 21.7 16.1 24.1



#20
Methylene Chloride
Concen: 147.798 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

Tgt Ion: 84 Resp: 884818
Ion Ratio Lower Upper
84 100
49 134.6 76.6 114.8#
51 41.1 25.4 38.2#
86 63.7 51.1 76.7

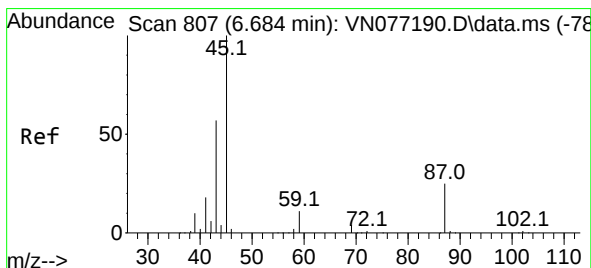
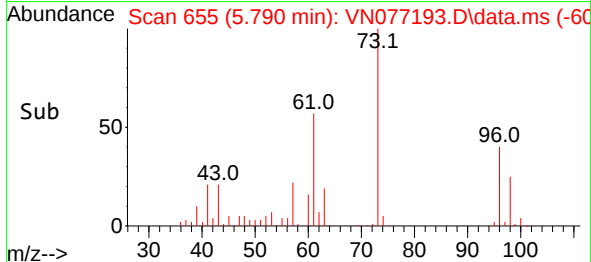
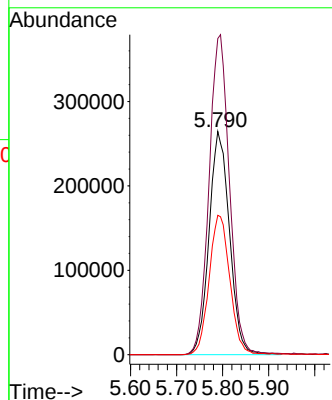
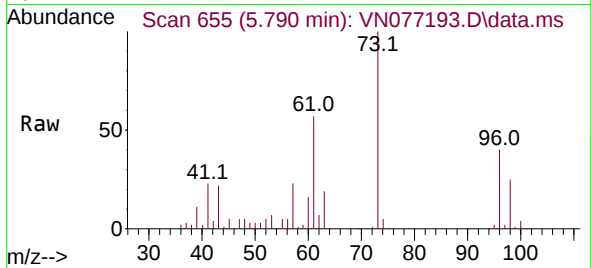




#21
trans-1,2-Dichloroethene
Concen: 156.024 ug/l
RT: 5.790 min Scan# 61
Delta R.T. -0.011 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

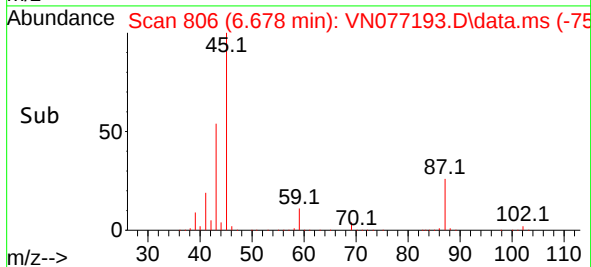
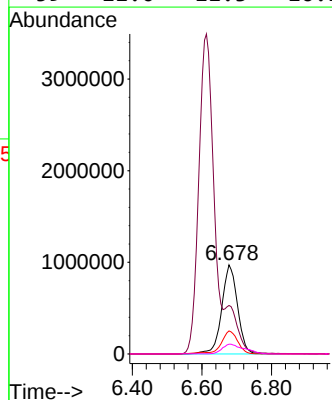
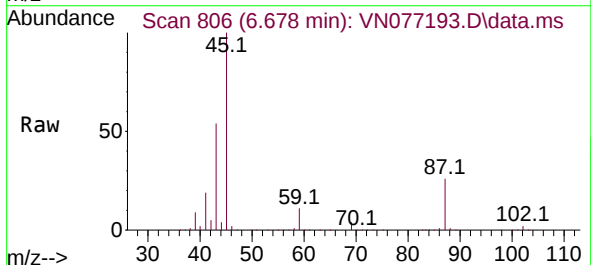
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

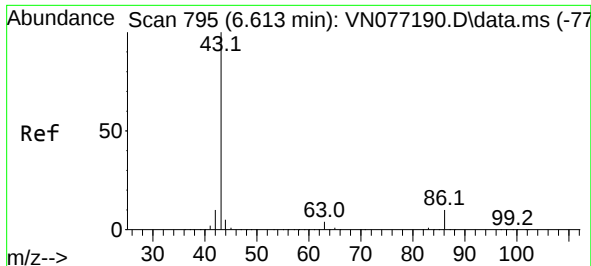
Tgt Ion: 96 Resp: 816990
Ion Ratio Lower Upper
96 100
61 141.7 95.0 142.6
98 62.4 54.5 81.7



#22
Diisopropyl ether
Concen: 158.311 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

Tgt Ion: 45 Resp: 3058933
Ion Ratio Lower Upper
45 100
43 54.3 42.6 63.8
87 25.8 29.7 44.5#
59 11.0 11.3 16.9#

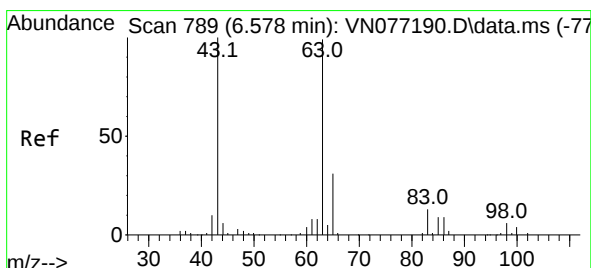
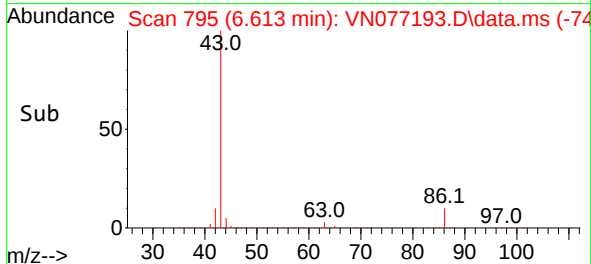
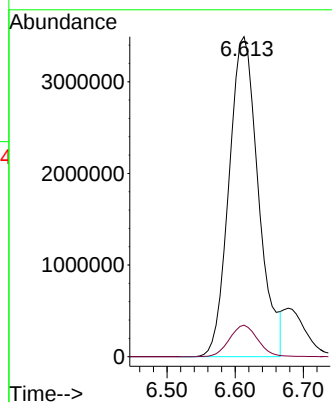
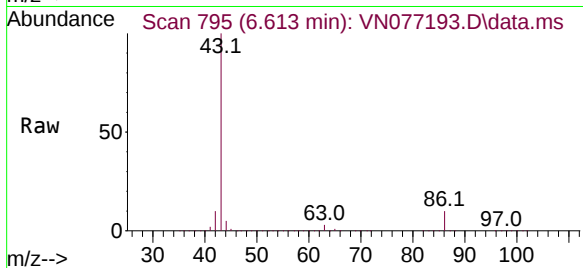




#23
 Vinyl Acetate
 Concen: 840.383 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077193.D
 Acq: 24 Mar 2023 23:18

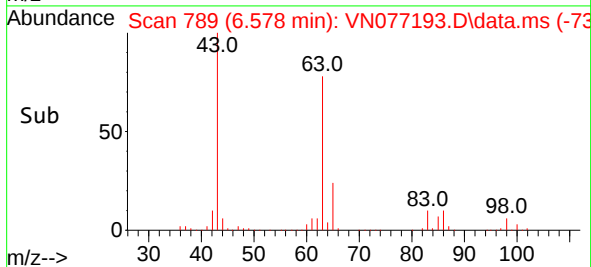
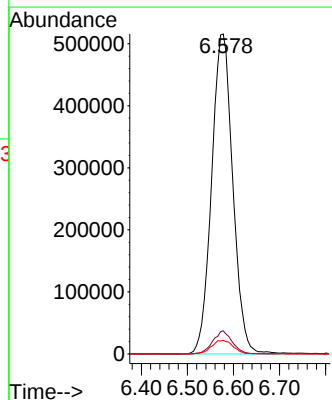
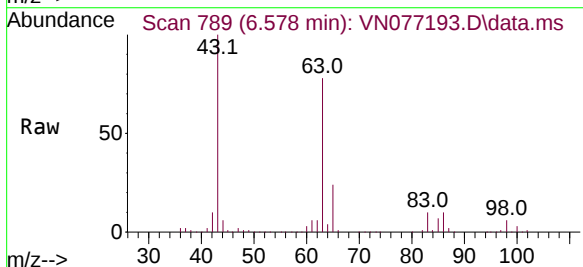
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

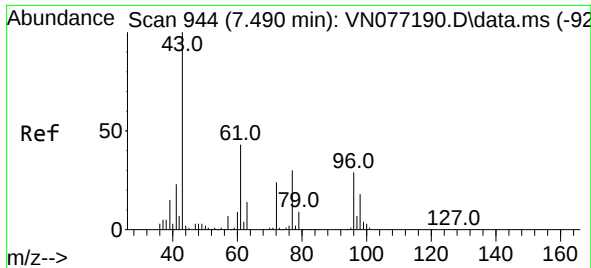
Tgt Ion: 43 Resp:10478133
 Ion Ratio Lower Upper
 43 100
 86 9.9 11.8 17.6#



#24
 1,1-Dichloroethane
 Concen: 152.126 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077193.D
 Acq: 24 Mar 2023 23:18

Tgt Ion: 63 Resp: 1643354
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.2 12.6
 100 4.3 2.2 6.6

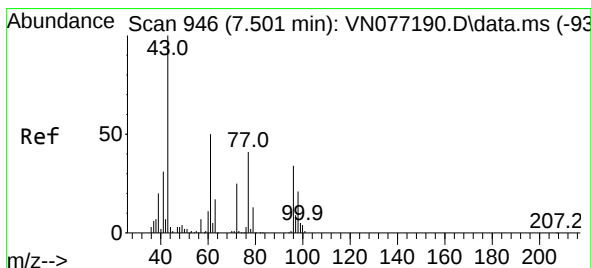
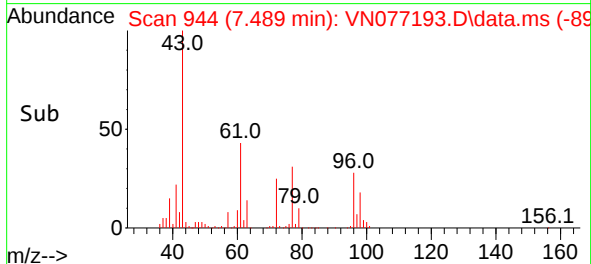
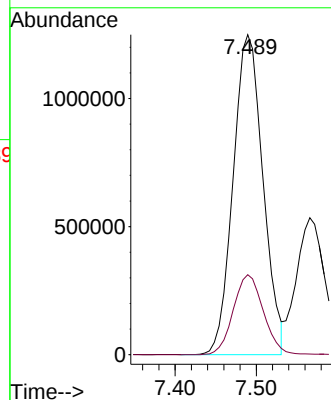
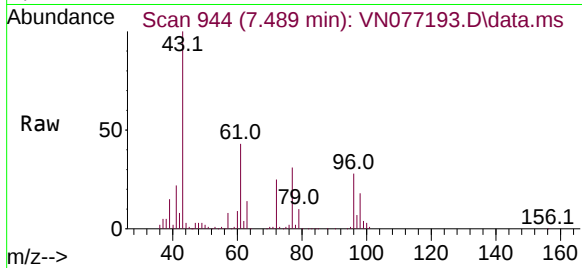




#25
2-Butanone
Concen: 758.904 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.001 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

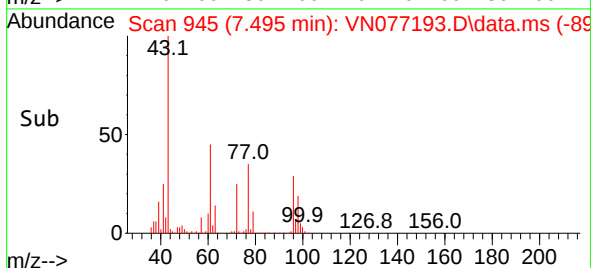
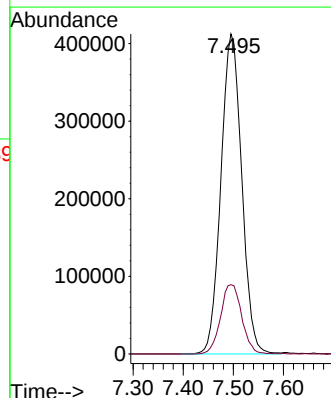
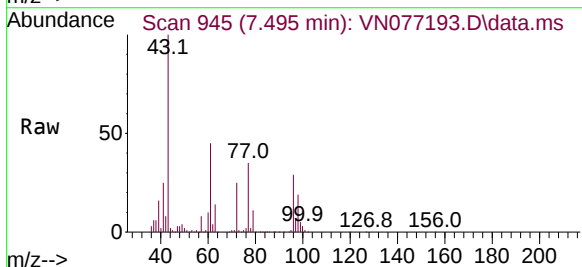
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

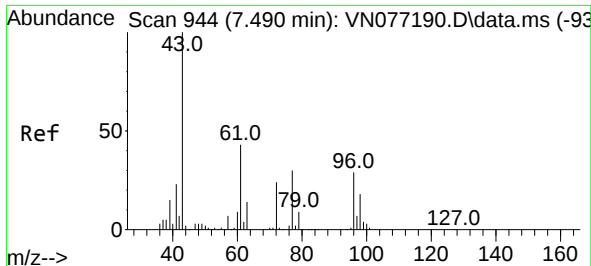
Tgt Ion: 43 Resp: 3190145
Ion Ratio Lower Upper
43 100
72 25.0 28.8 43.2#



#26
2,2-Dichloropropane
Concen: 159.563 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

Tgt Ion: 77 Resp: 1188674
Ion Ratio Lower Upper
77 100
97 22.1 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 158.276 ug/l

RT: 7.489 min Scan# 94

Delta R.T. -0.001 min

Lab File: VN077193.D

Acq: 24 Mar 2023 23:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

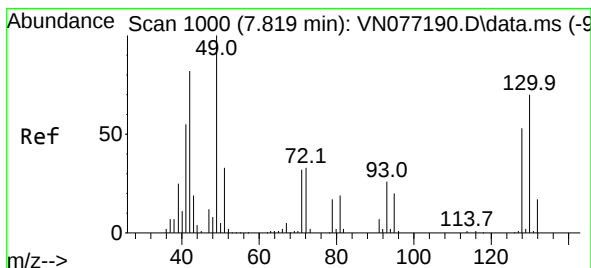
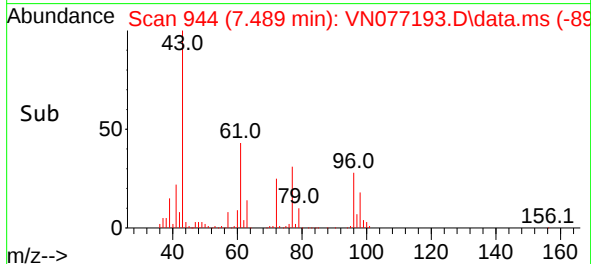
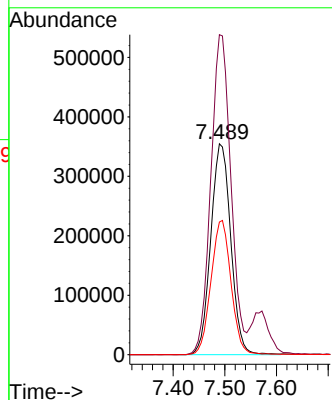
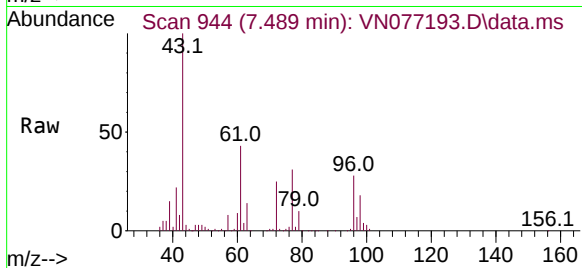
Tgt Ion: 96 Resp: 956016

Ion Ratio Lower Upper

96 100

61 152.4 0.0 255.6

98 63.7 0.0 127.4



#28

Bromochloromethane

Concen: 131.911 ug/l

RT: 7.819 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN077193.D

Acq: 24 Mar 2023 23:18

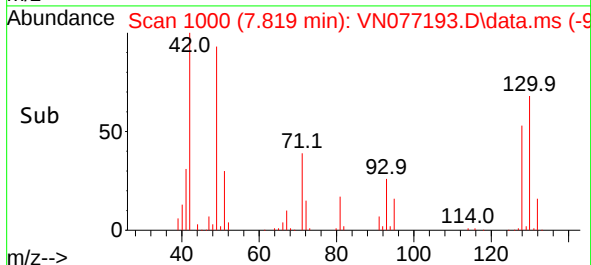
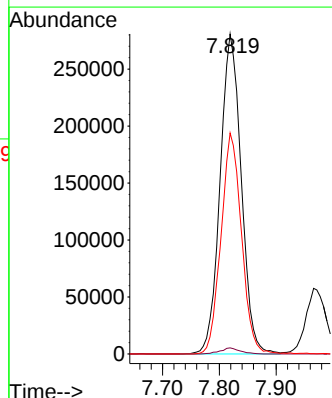
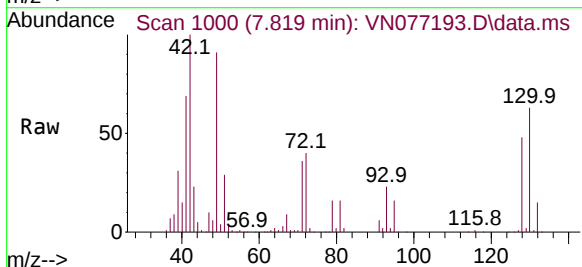
Tgt Ion: 49 Resp: 726655

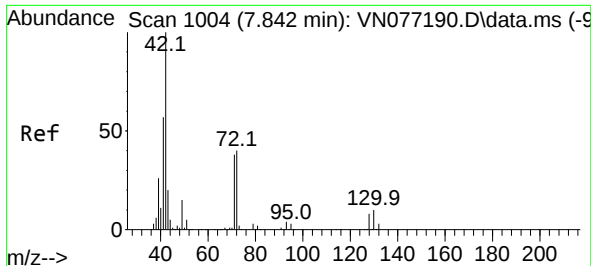
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.6

130 66.7 74.8 112.2#

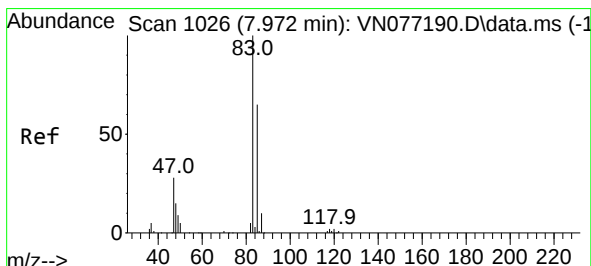
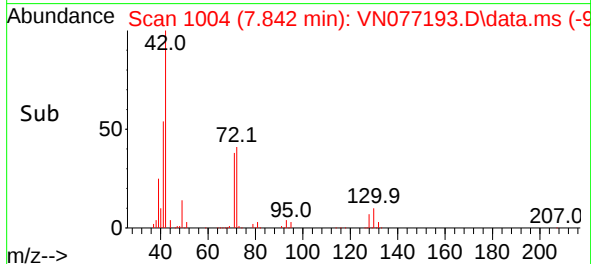
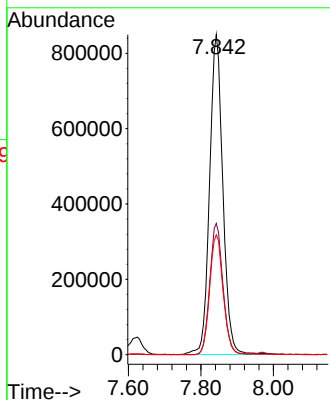
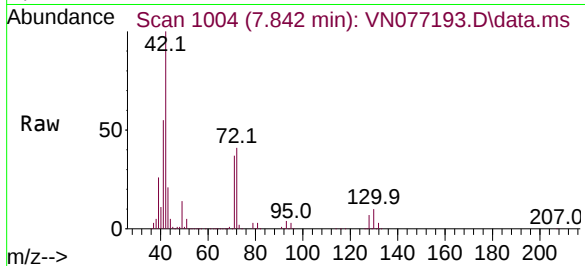




#29
Tetrahydrofuran
Concen: 775.378 ug/l
RT: 7.842 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

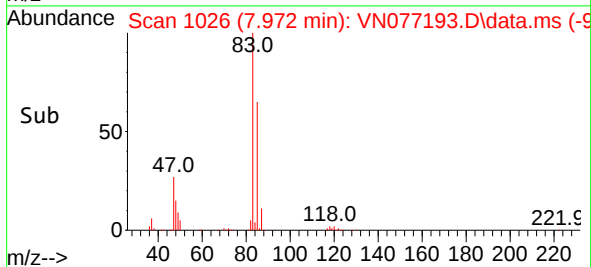
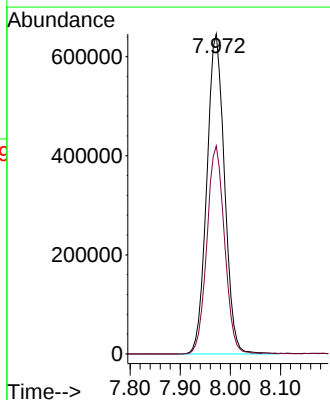
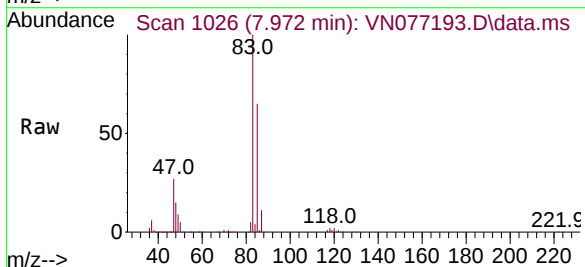
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

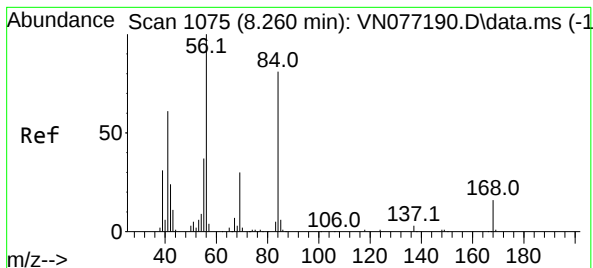
Tgt Ion: 42 Resp: 2159197
Ion Ratio Lower Upper
42 100
72 40.8 48.6 73.0#
71 38.0 45.1 67.7#



#30
Chloroform
Concen: 148.808 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

Tgt Ion: 83 Resp: 1583302
Ion Ratio Lower Upper
83 100
85 65.0 51.3 76.9





#31

Cyclohexane

Concen: 146.807 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN077193.D

Acq: 24 Mar 2023 23:18

Instrument :

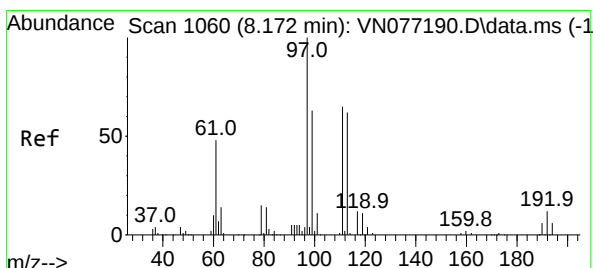
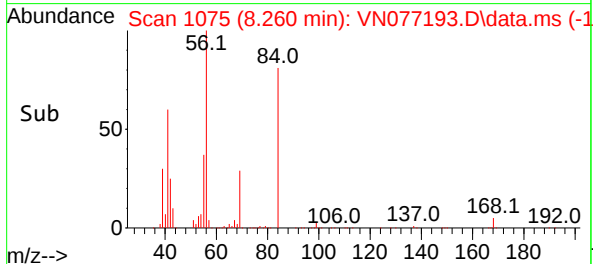
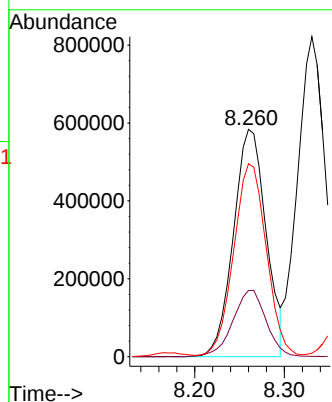
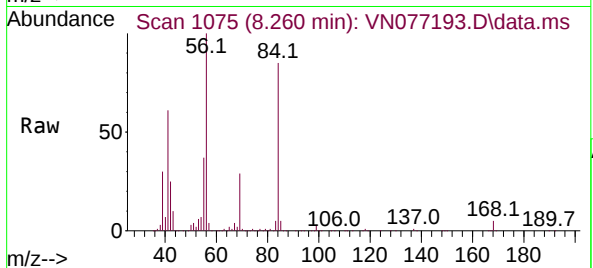
MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 56 Resp: 1474587

Ion	Ratio	Lower	Upper
56	100		
69	29.1	27.0	40.6
84	83.7	82.9	124.3



#32

1,1,1-Trichloroethane

Concen: 158.669 ug/l

RT: 8.172 min Scan# 1060

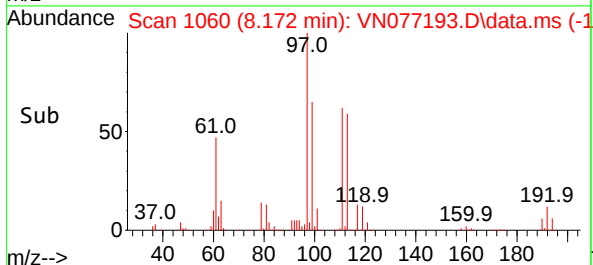
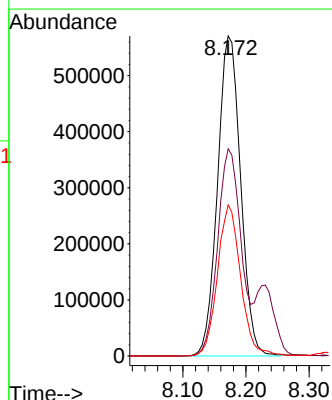
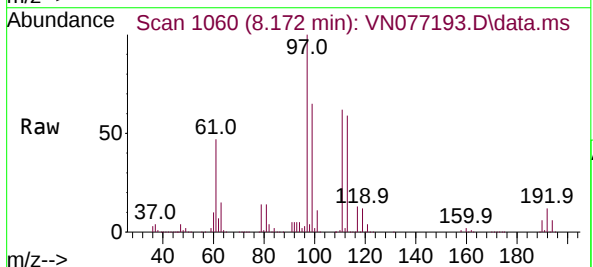
Delta R.T. -0.000 min

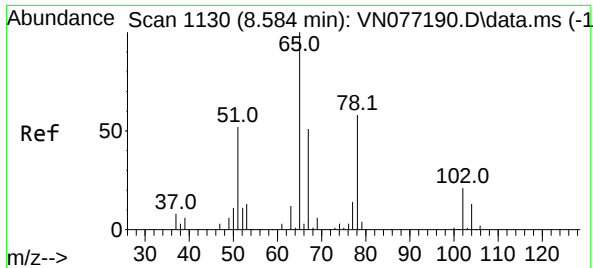
Lab File: VN077193.D

Acq: 24 Mar 2023 23:18

Tgt Ion: 97 Resp: 1449393

Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.2	76.8
61	47.4	35.7	53.5

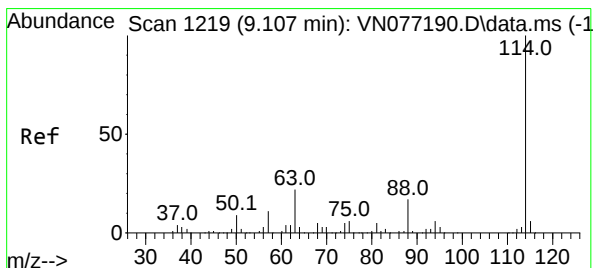
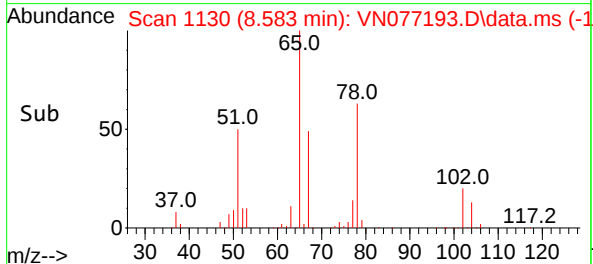
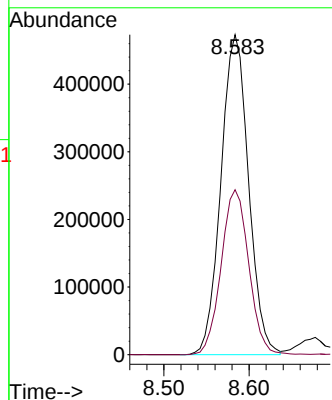
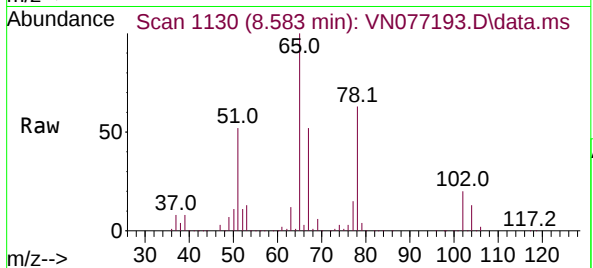




#33
 1,2-Dichloroethane-d4
 Concen: 147.238 ug/l
 RT: 8.583 min Scan# 1130
 Delta R.T. -0.001 min
 Lab File: VN077193.D
 Acq: 24 Mar 2023 23:18

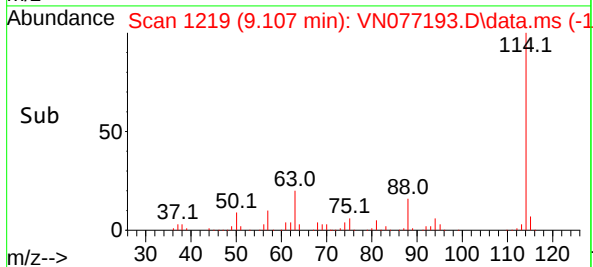
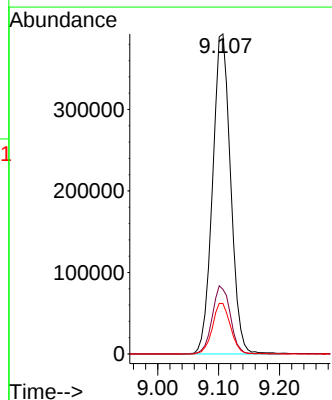
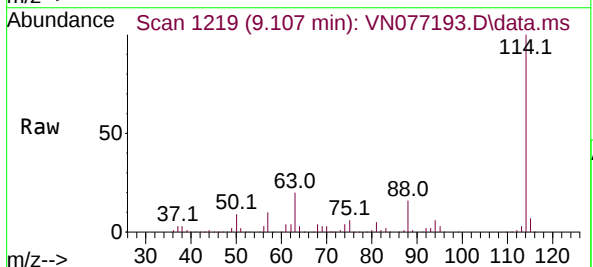
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

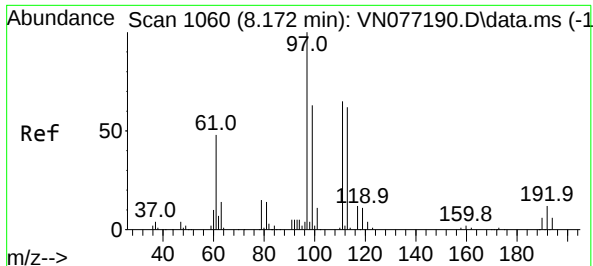
Tgt Ion: 65 Resp: 1064594
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.107 min Scan# 1219
 Delta R.T. -0.000 min
 Lab File: VN077193.D
 Acq: 24 Mar 2023 23:18

Tgt Ion: 114 Resp: 808363
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 36.6
 88 15.7 0.0 28.6

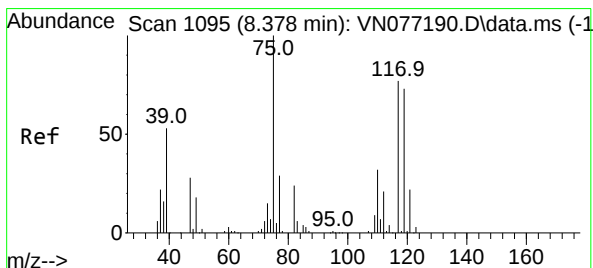
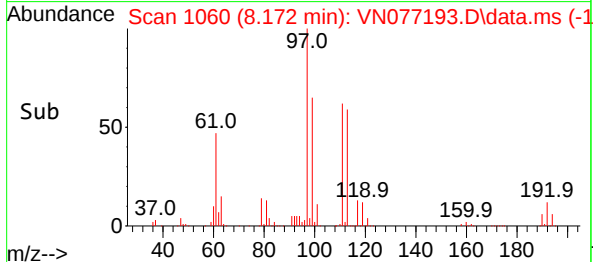
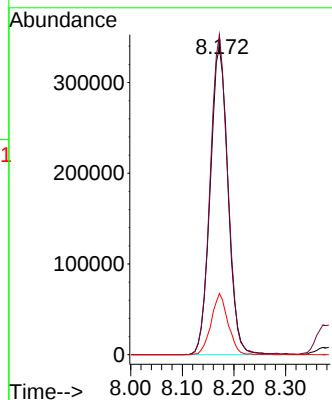
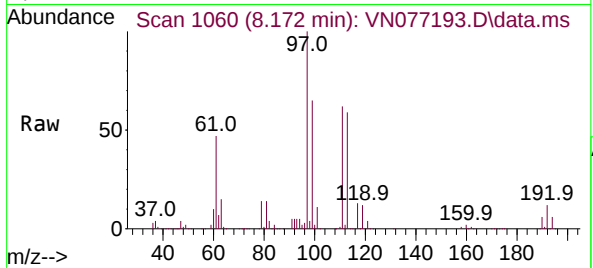




#35
Dibromofluoromethane
Concen: 148.427 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

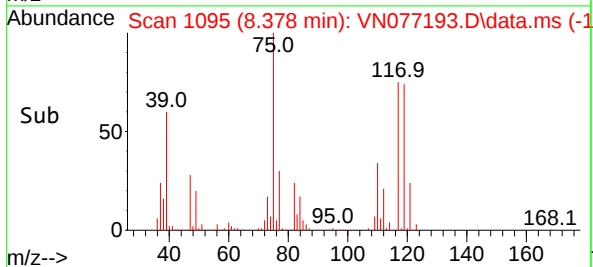
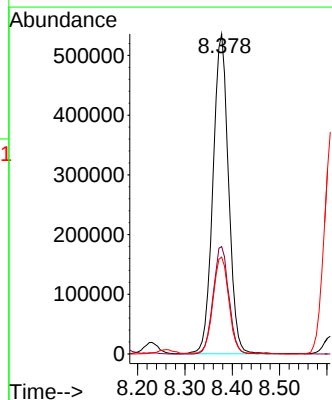
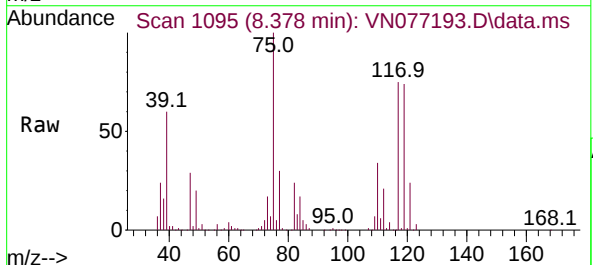
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

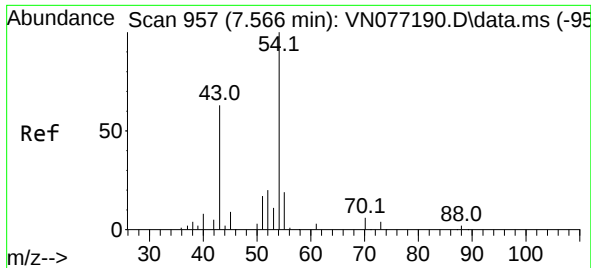
Tgt Ion:113 Resp: 814147
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.8
192 18.7 13.9 20.9



#36
1,1-Dichloropropene
Concen: 160.312 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

Tgt Ion: 75 Resp: 1223829
Ion Ratio Lower Upper
75 100
110 33.8 18.9 56.9
77 31.0 24.9 37.3

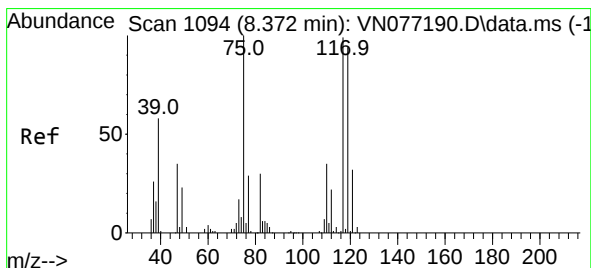
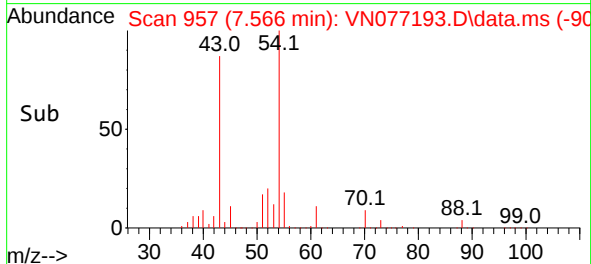
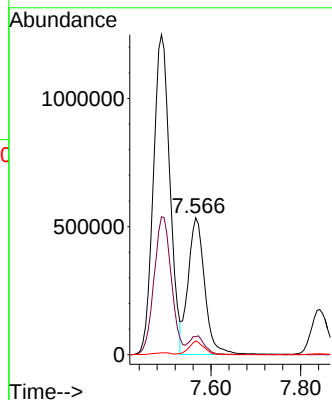
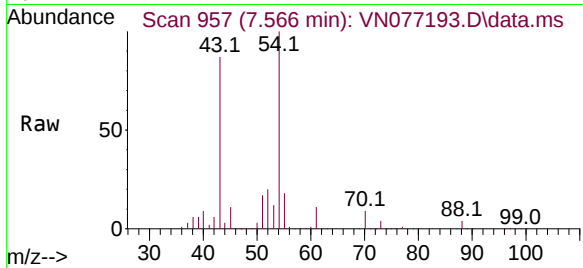




#37
Ethyl Acetate
Concen: 160.654 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

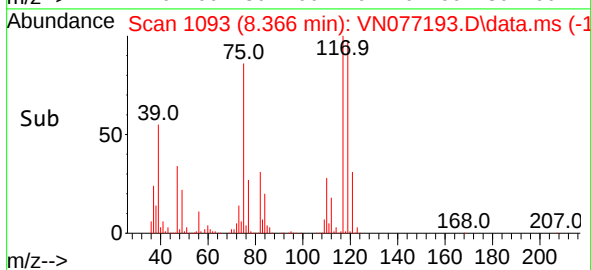
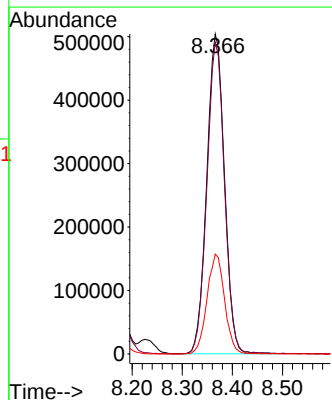
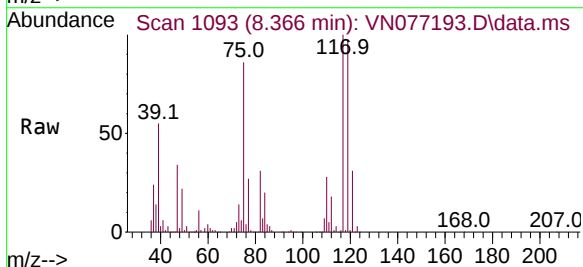
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

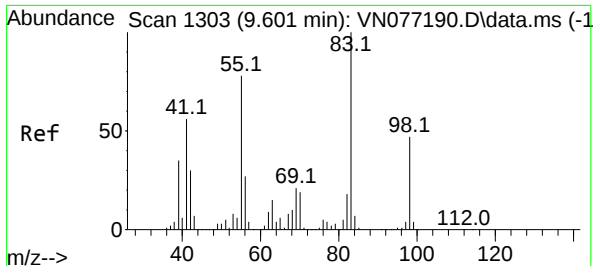
Tgt Ion: 43 Resp: 1367045
Ion Ratio Lower Upper
43 100
61 12.7 13.5 20.3#
70 9.1 11.0 16.6#



#38
Carbon Tetrachloride
Concen: 160.029 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

Tgt Ion: 117 Resp: 1238684
Ion Ratio Lower Upper
117 100
119 97.4 76.9 115.3
121 31.2 23.2 34.8





#39

Methylcyclohexane

Concen: 168.180 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. 0.006 min

Lab File: VN077193.D

Acq: 24 Mar 2023 23:18

Instrument :

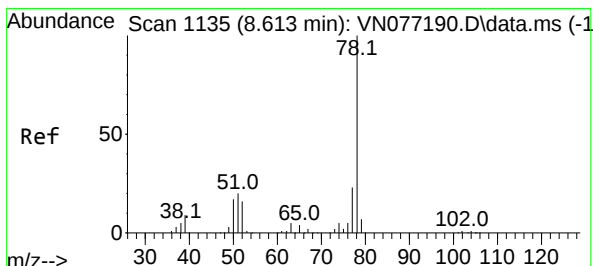
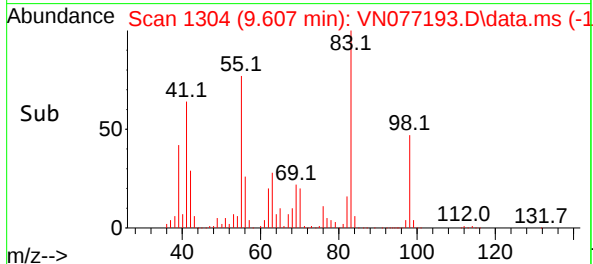
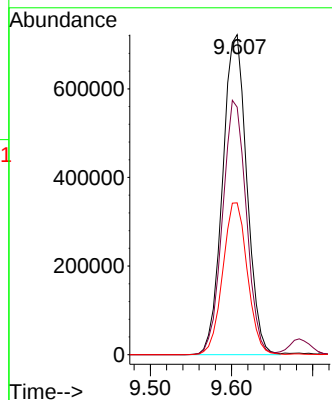
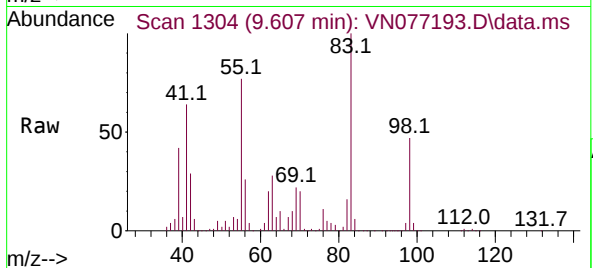
MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 1499536

Ion	Ratio	Lower	Upper
83	100		
55	77.4	47.0	70.4#
98	47.5	39.4	59.0



#40

Benzene

Concen: 153.788 ug/l

RT: 8.613 min Scan# 1135

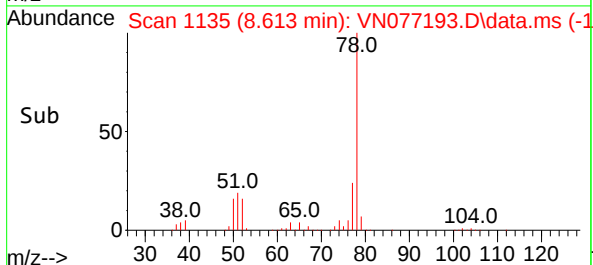
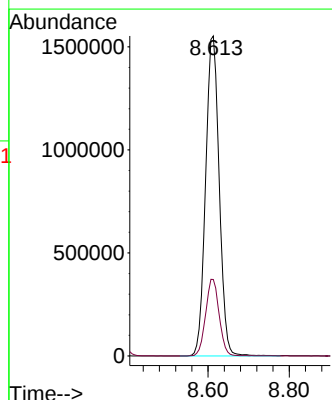
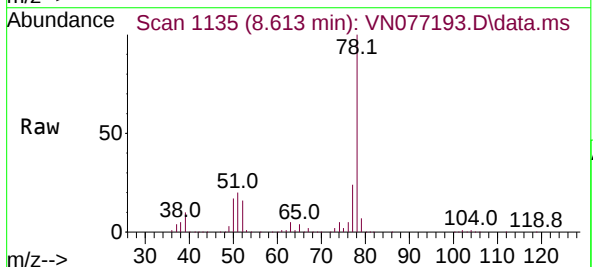
Delta R.T. -0.000 min

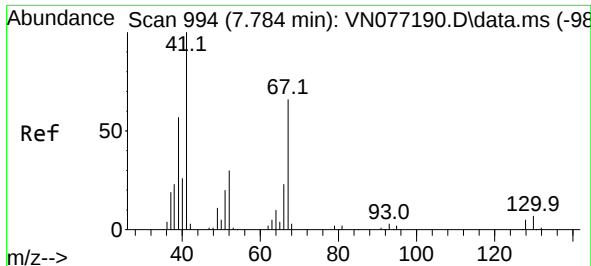
Lab File: VN077193.D

Acq: 24 Mar 2023 23:18

Tgt Ion: 78 Resp: 3598068

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9



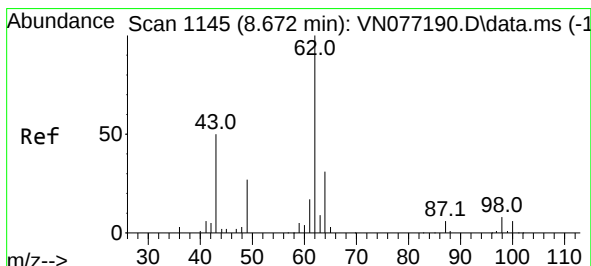
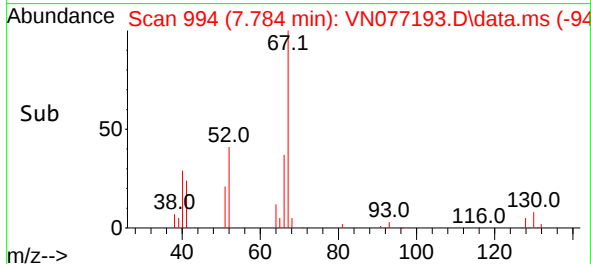
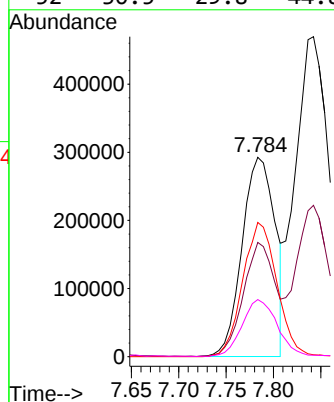
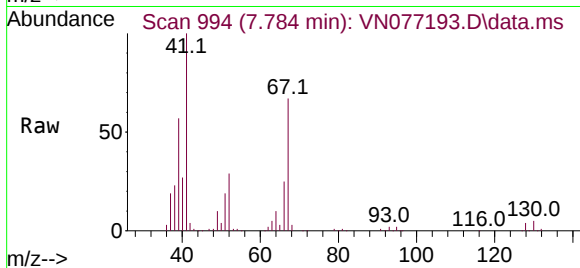


#41
Methacrylonitrile
Concen: 152.228 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 707982

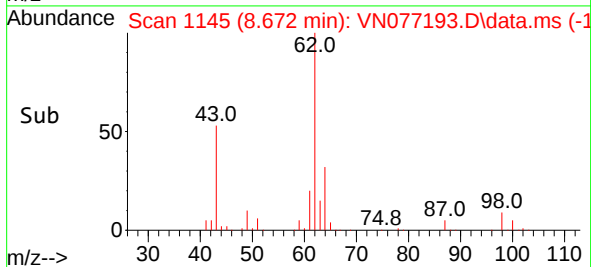
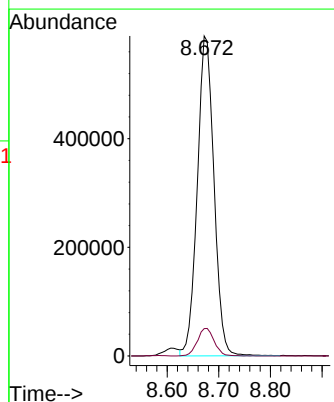
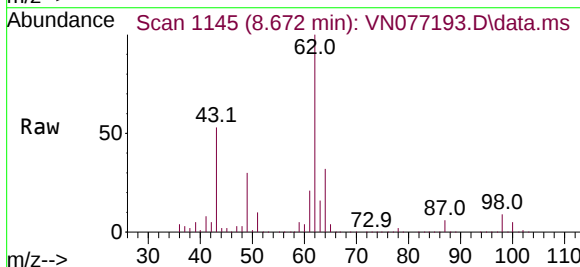
Ion	Ratio	Lower	Upper
41	100		
39	54.5	43.4	65.0
67	70.3	78.6	118.0
52	30.5	29.8	44.8

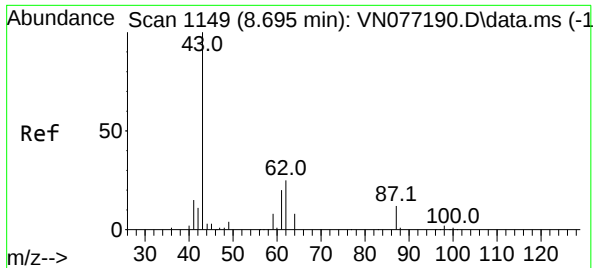


#42
1,2-Dichloroethane
Concen: 149.516 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

Tgt Ion: 62 Resp: 1318947

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	21.8

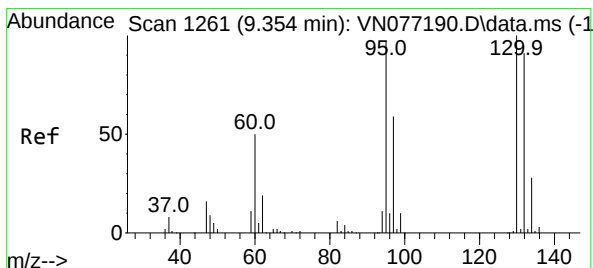
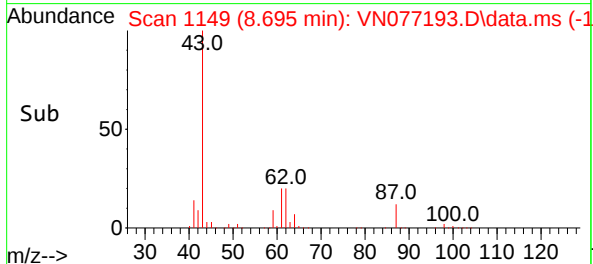
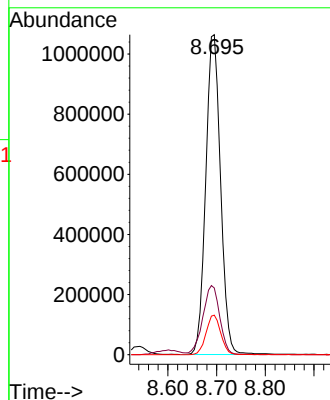
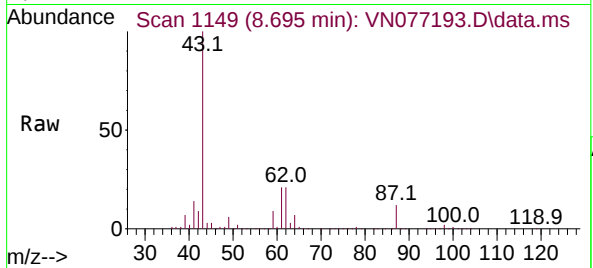




#43
Isopropyl Acetate
Concen: 163.340 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

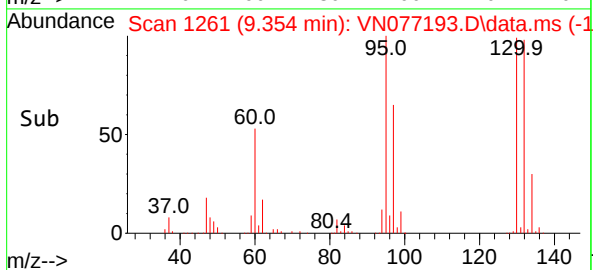
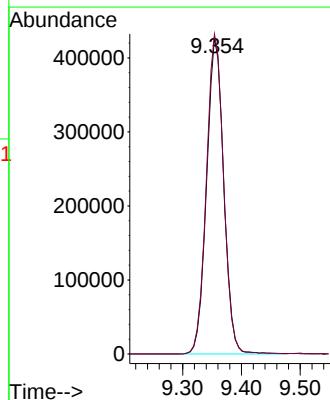
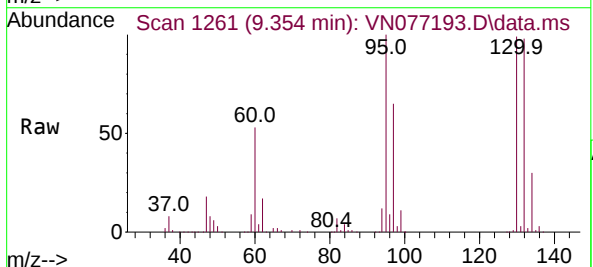
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

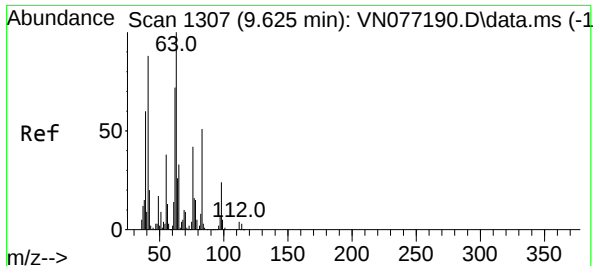
Tgt Ion: 43 Resp: 2242326
Ion Ratio Lower Upper
43 100
61 24.9 26.2 39.2#
87 12.2 14.8 22.2#



#44
Trichloroethene
Concen: 161.135 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

Tgt Ion:130 Resp: 863771
Ion Ratio Lower Upper
130 100
95 101.3 0.0 208.6





#45

1,2-Dichloropropane

Concen: 153.657 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077193.D

Acq: 24 Mar 2023 23:18

Instrument :

MSVOA_N

ClientSampleId :

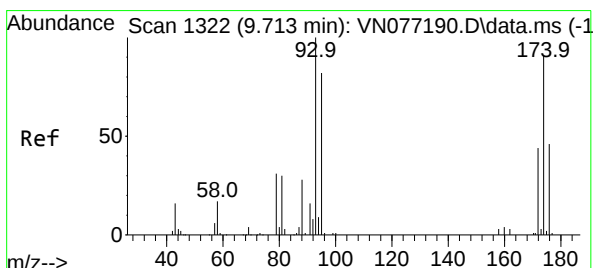
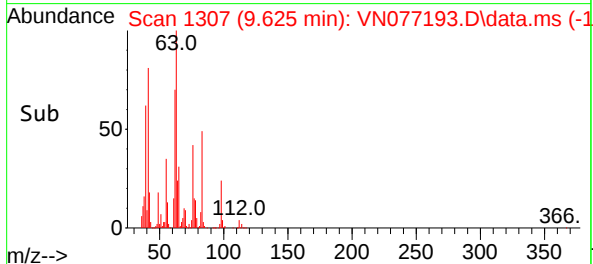
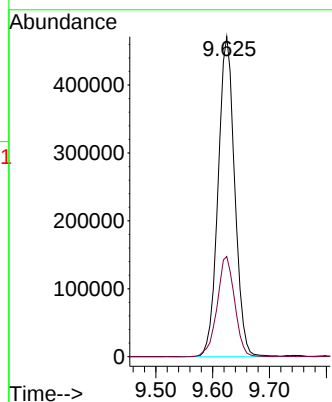
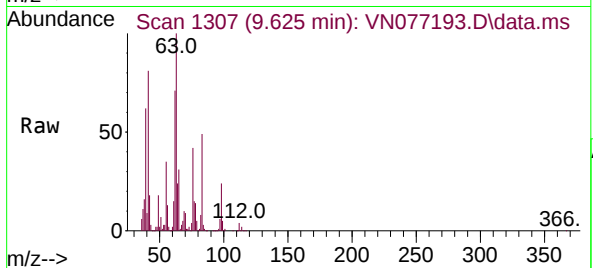
VSTDIC150

Tgt Ion: 63 Resp: 956094

Ion Ratio Lower Upper

63 100

65 31.3 25.0 37.6



#46

Dibromomethane

Concen: 151.862 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077193.D

Acq: 24 Mar 2023 23:18

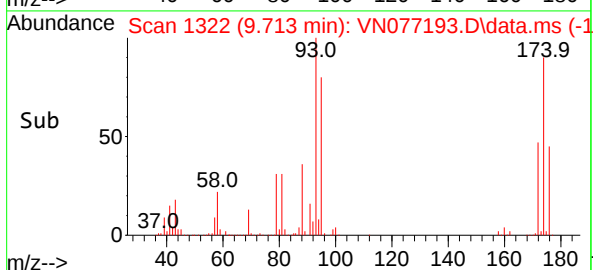
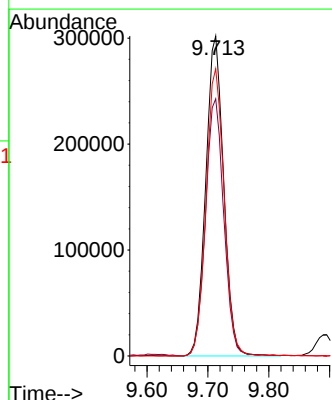
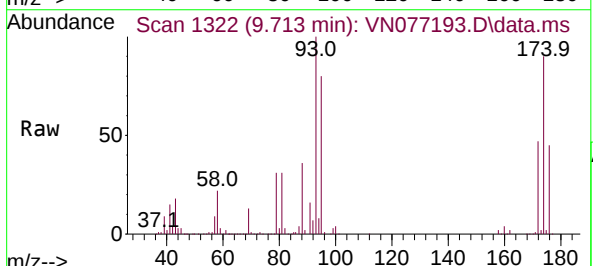
Tgt Ion: 93 Resp: 617591

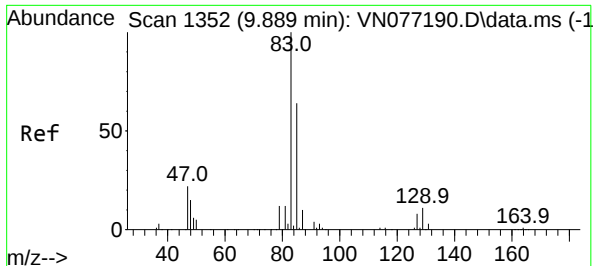
Ion Ratio Lower Upper

93 100

95 82.2 65.7 98.5

174 90.6 69.3 103.9

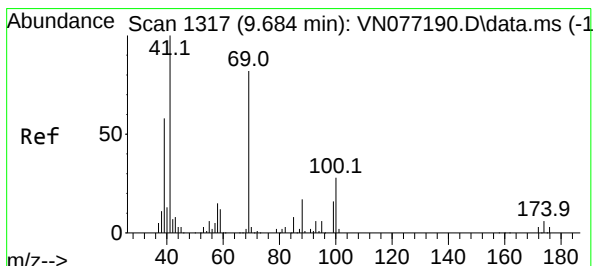
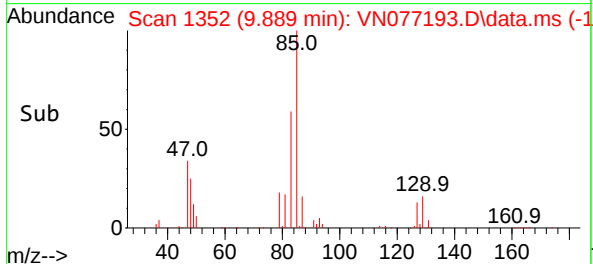
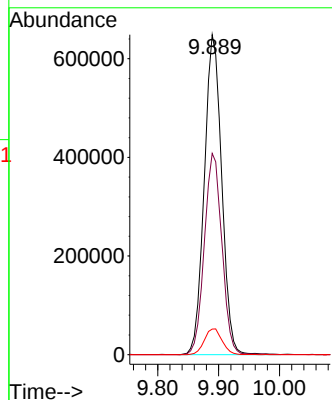
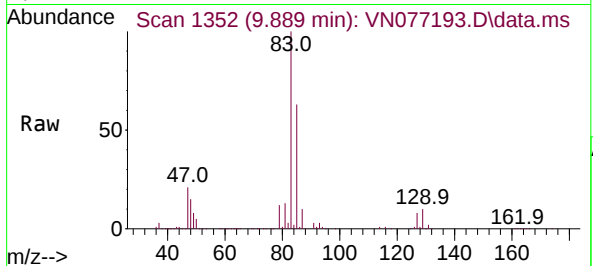




#47
Bromodichloromethane
Concen: 159.420 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

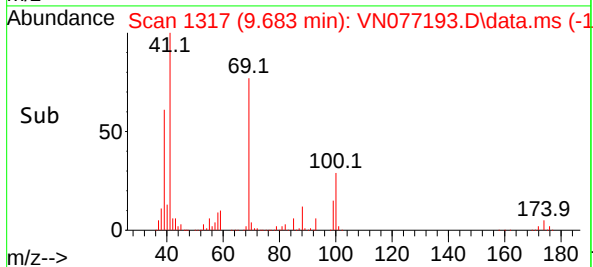
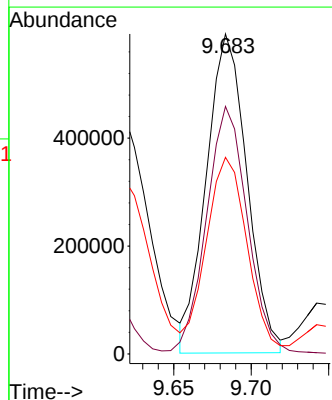
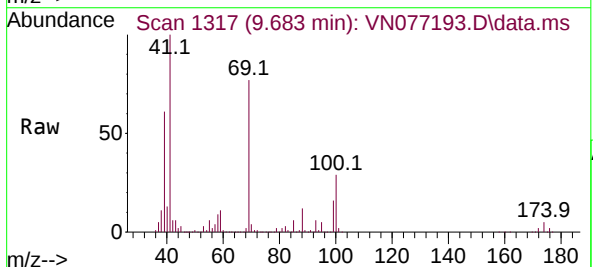
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

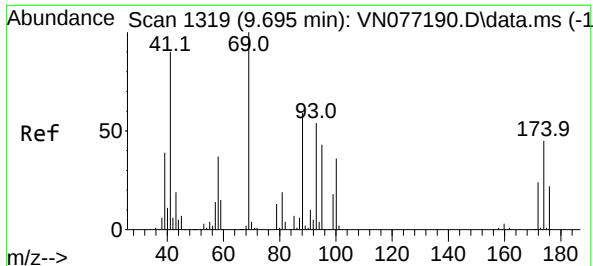
Tgt Ion: 83 Resp: 1289423
Ion Ratio Lower Upper
83 100
85 62.9 52.6 78.8
127 8.0 7.0 10.6



#48
Methyl methacrylate
Concen: 163.067 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.001 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

Tgt Ion: 41 Resp: 1078008
Ion Ratio Lower Upper
41 100
69 78.6 92.6 139.0#
39 62.5 51.4 77.0

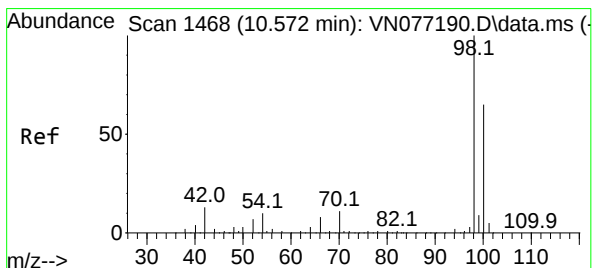
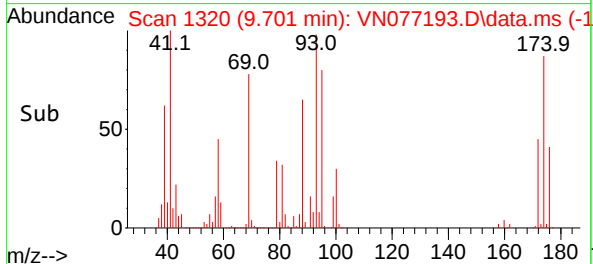
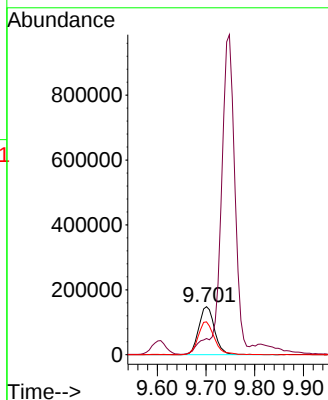
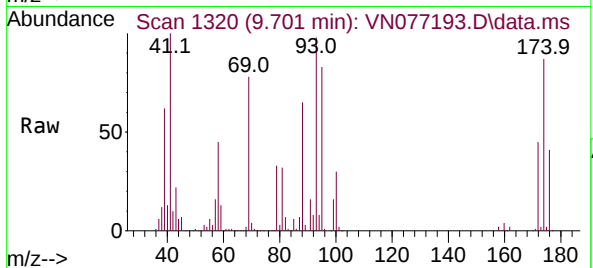




#49
1,4-Dioxane
Concen: 2951.064 ug/l
RT: 9.701 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

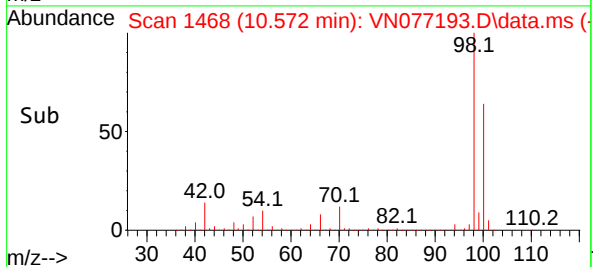
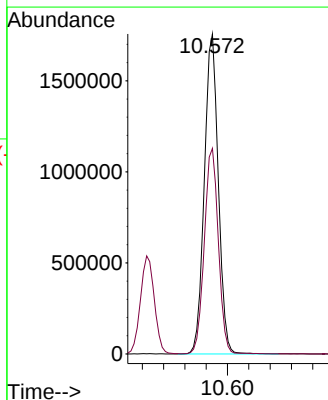
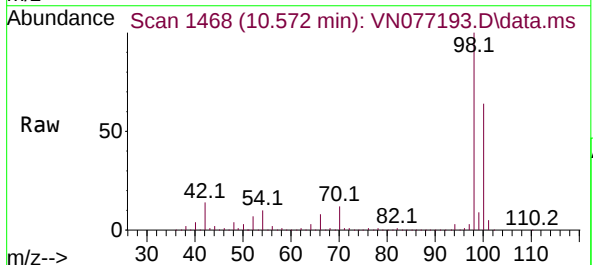
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

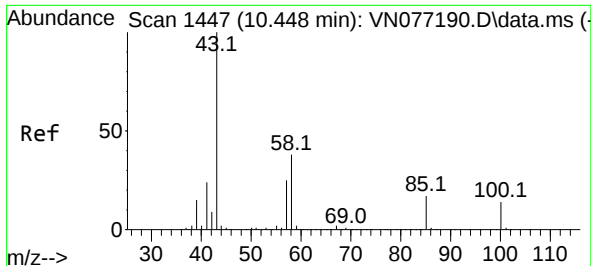
Tgt Ion: 88 Resp: 332583
Ion Ratio Lower Upper
88 100
43 0.0 15.3 22.9#
58 70.2 47.6 71.4



#50
Toluene-d8
Concen: 155.731 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

Tgt Ion: 98 Resp: 3200736
Ion Ratio Lower Upper
98 100
100 64.8 52.8 79.2

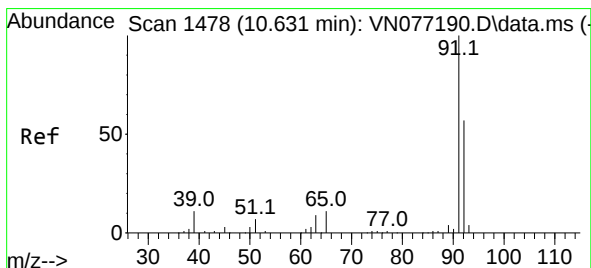
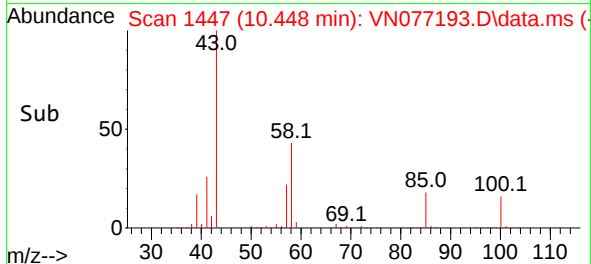
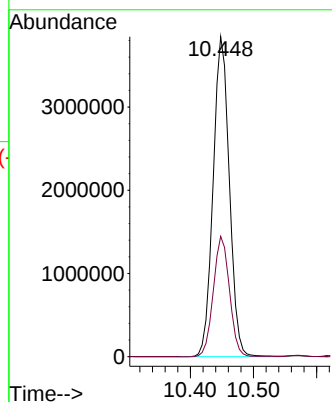
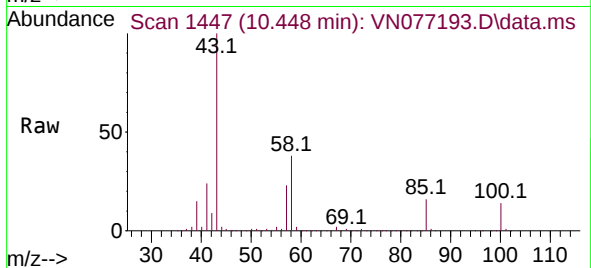




#51
4-Methyl-2-Pentanone
Concen: 794.109 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

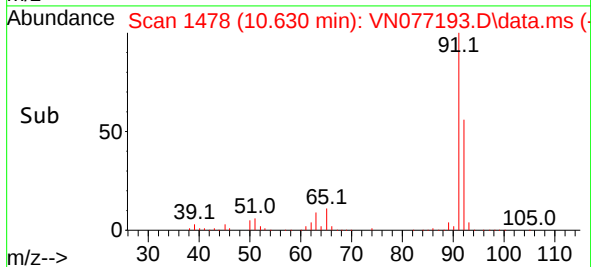
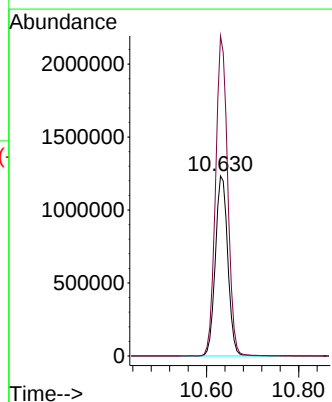
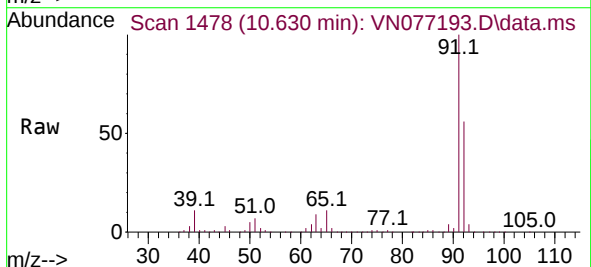
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

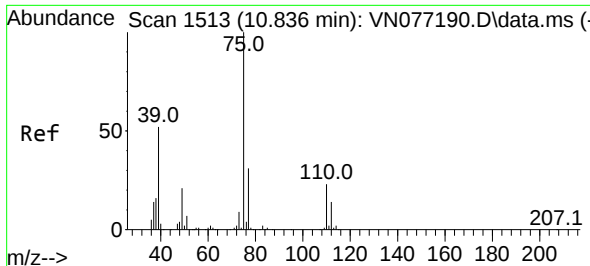
Tgt Ion: 43 Resp: 6859195
Ion Ratio Lower Upper
43 100
58 37.5 37.4 56.0



#52
Toluene
Concen: 161.156 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.001 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

Tgt Ion: 92 Resp: 2299449
Ion Ratio Lower Upper
92 100
91 173.1 138.2 207.2

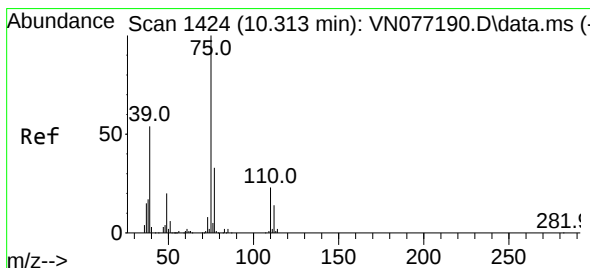
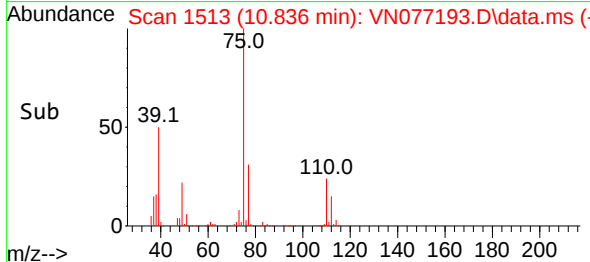
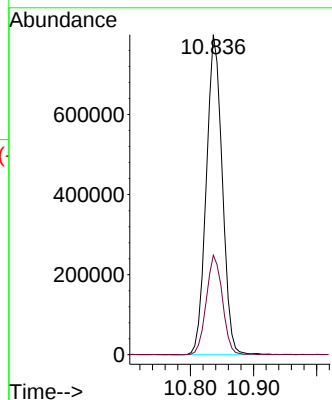
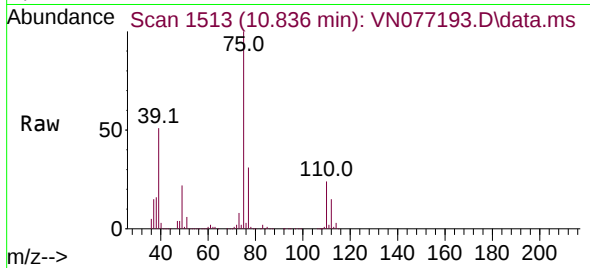




#53
t-1,3-Dichloropropene
Concen: 170.617 ug/l
RT: 10.836 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

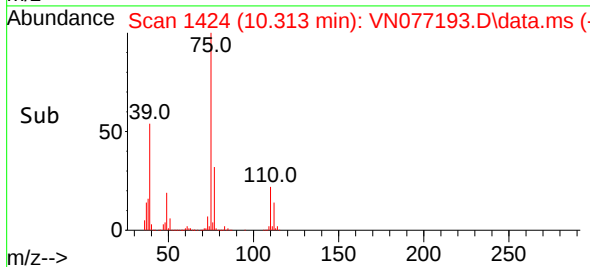
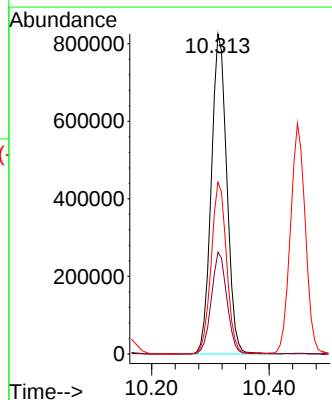
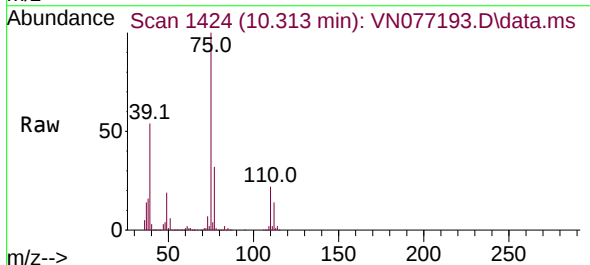
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

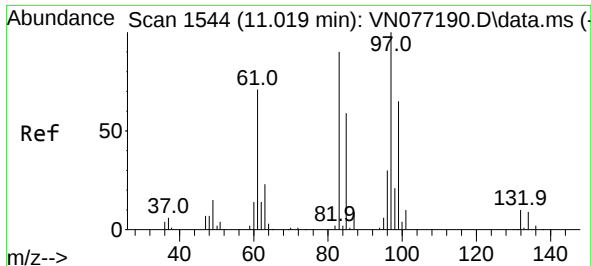
Tgt Ion: 75 Resp: 1400356
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 168.400 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

Tgt Ion: 75 Resp: 1512609
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5
39 53.6 29.7 44.5#



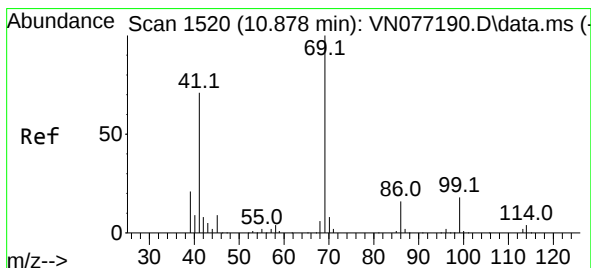
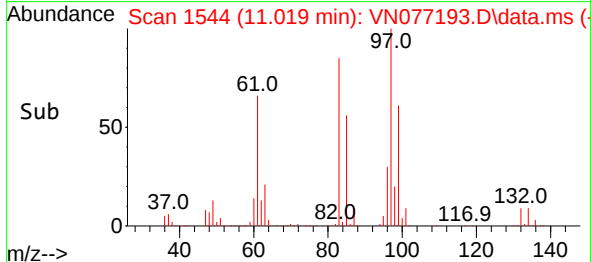
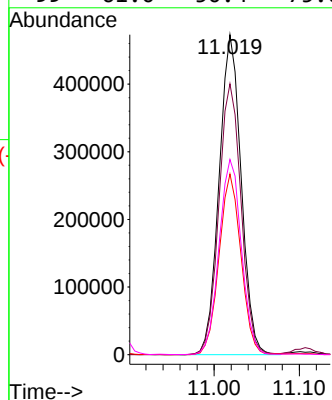
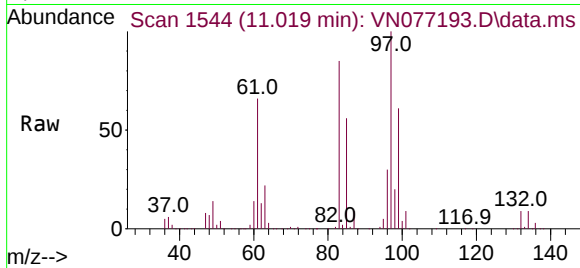


#55
1,1,2-Trichloroethane
Concen: 152.033 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 851565

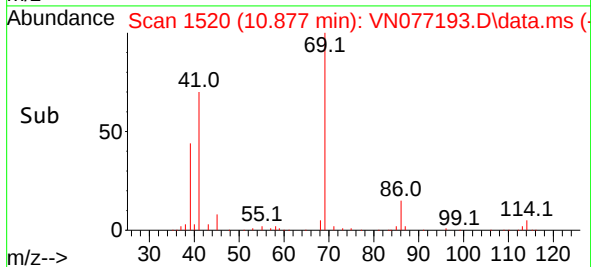
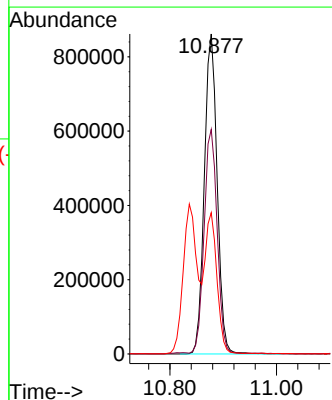
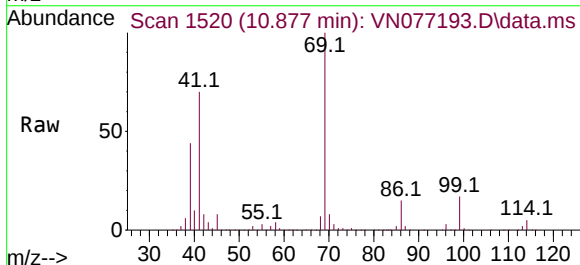
Ion	Ratio	Lower	Upper
97	100		
83	84.6	67.1	100.7
85	56.4	41.8	62.8
99	61.0	50.4	75.6

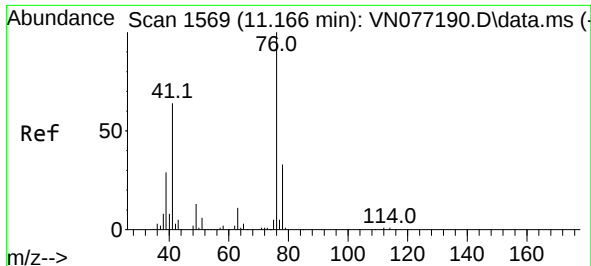


#56
Ethyl methacrylate
Concen: 173.735 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

Tgt Ion: 69 Resp: 1436522

Ion	Ratio	Lower	Upper
69	100		
41	71.1	38.0	57.0#
39	39.5	22.4	33.6#





#57

1,3-Dichloropropane

Concen: 152.644 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077193.D

Acq: 24 Mar 2023 23:18

Instrument :

MSVOA_N

ClientSampleId :

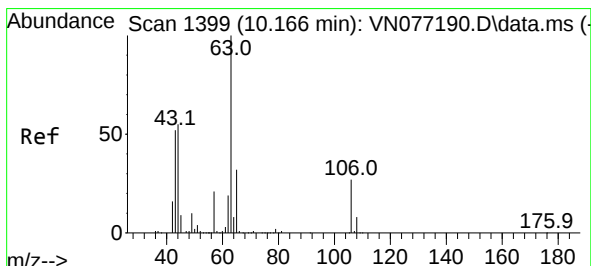
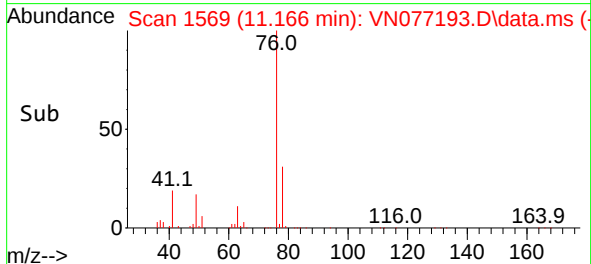
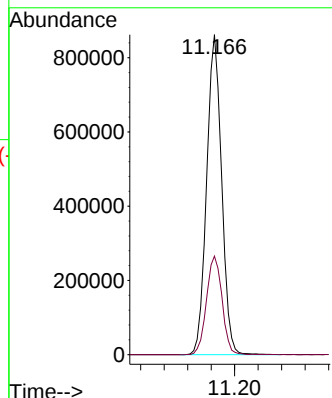
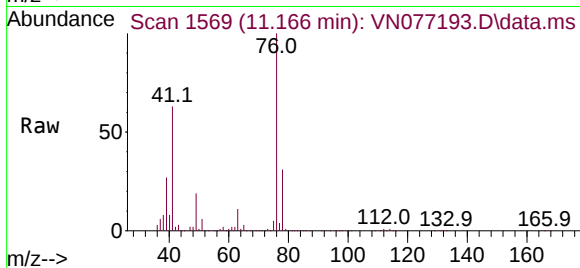
VSTDIC150

Tgt Ion: 76 Resp: 1524236

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 878.900 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VN077193.D

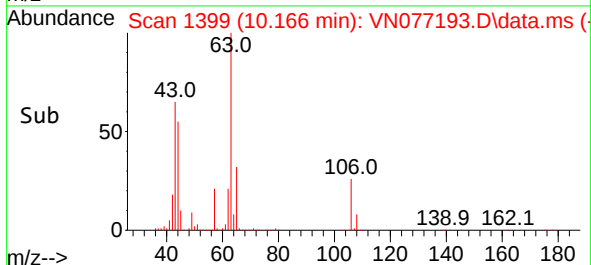
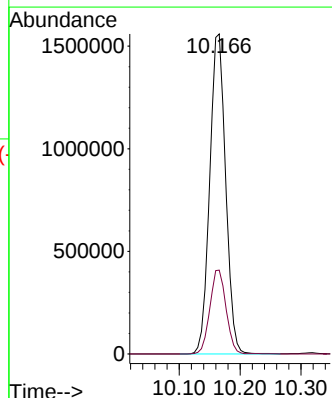
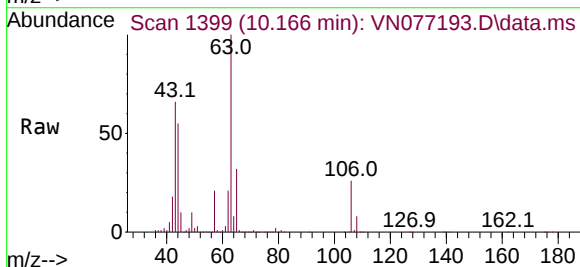
Acq: 24 Mar 2023 23:18

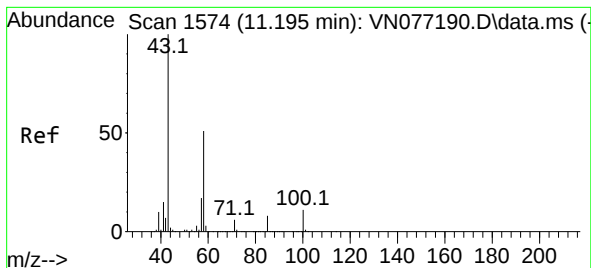
Tgt Ion: 63 Resp: 2834814

Ion Ratio Lower Upper

63 100

106 26.7 25.6 38.4

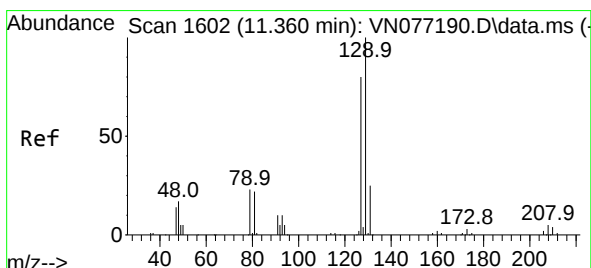
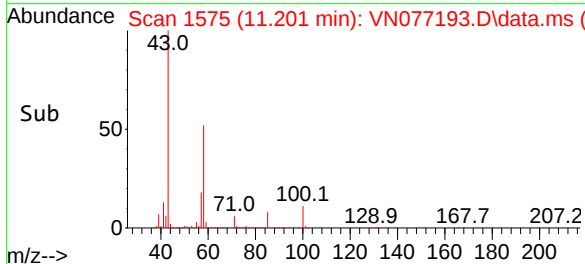
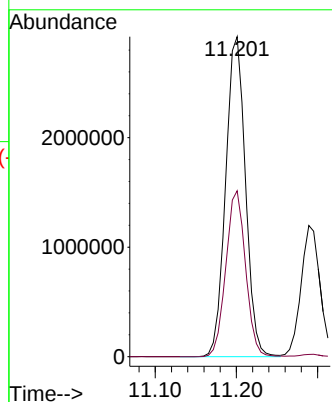
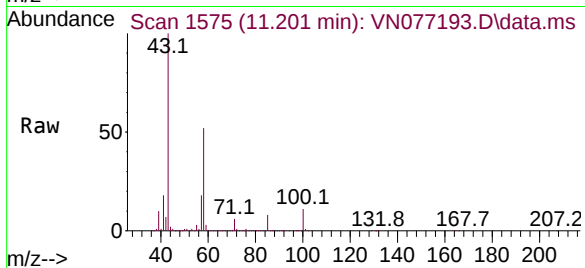




#59
2-Hexanone
Concen: 798.546 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

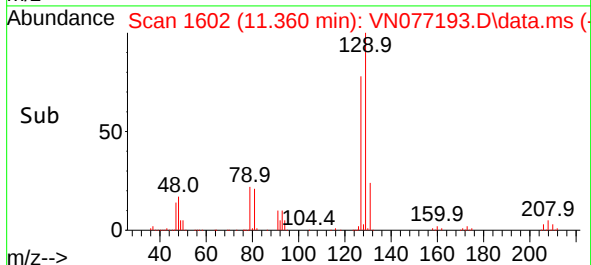
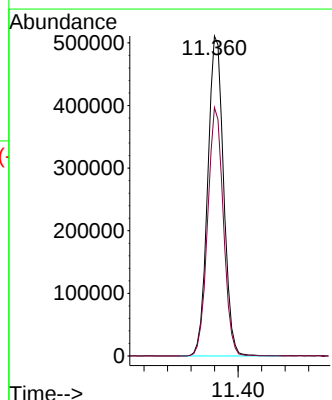
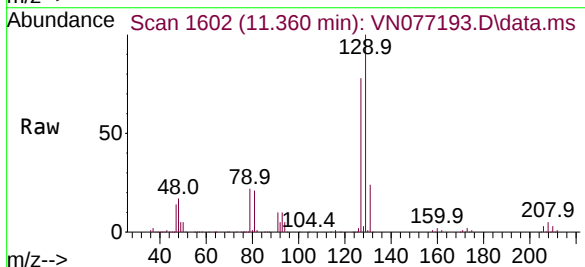
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

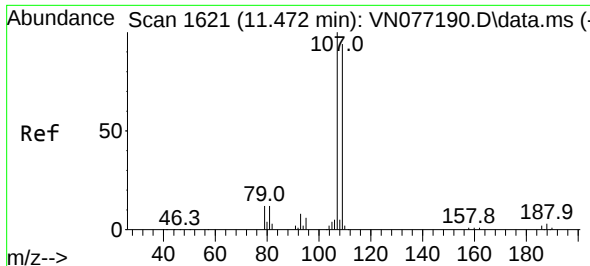
Tgt Ion: 43 Resp: 4957068
Ion Ratio Lower Upper
43 100
58 51.5 32.6 98.0



#60
Dibromochloromethane
Concen: 166.057 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

Tgt Ion: 129 Resp: 955510
Ion Ratio Lower Upper
129 100
127 77.0 39.6 118.8

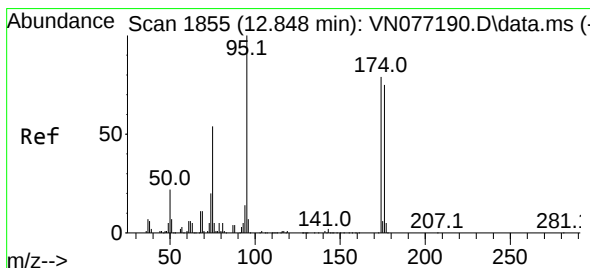
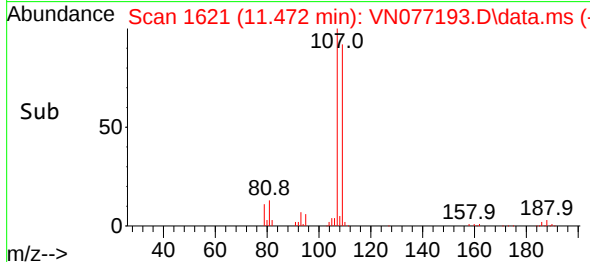
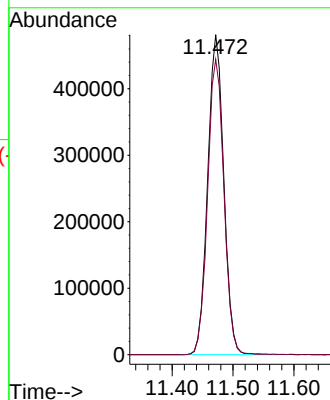
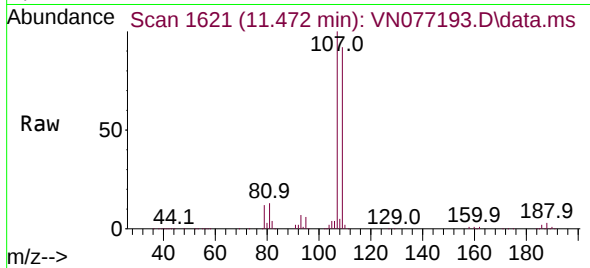




#61
1,2-Dibromoethane
Concen: 158.657 ug/l
RT: 11.472 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

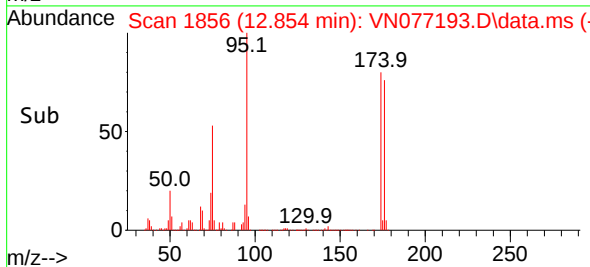
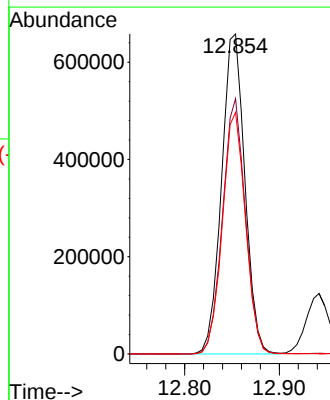
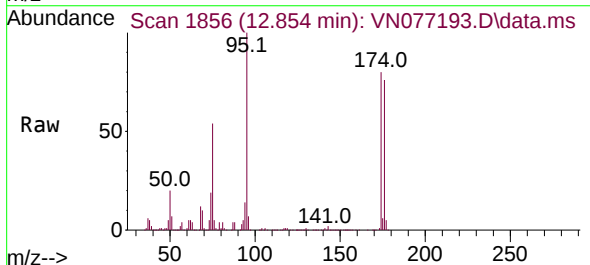
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

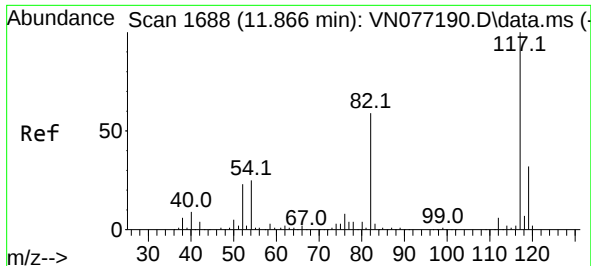
Tgt Ion:107 Resp: 883171
Ion Ratio Lower Upper
107 100
109 93.6 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 166.746 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

Tgt Ion: 95 Resp: 1124768
Ion Ratio Lower Upper
95 100
174 78.0 0.0 162.4
176 74.8 0.0 157.4

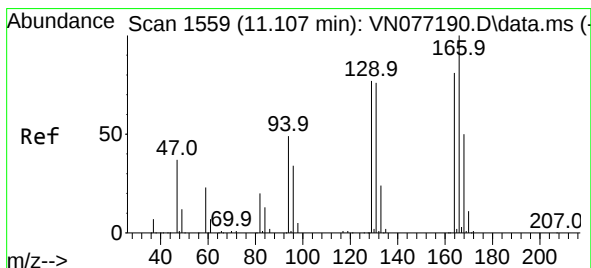
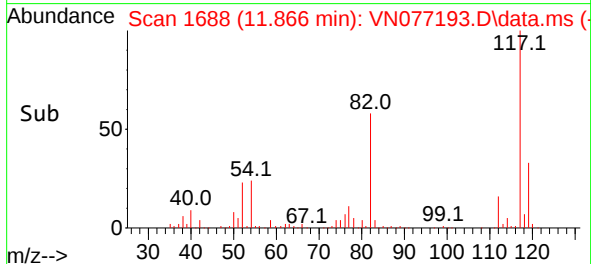
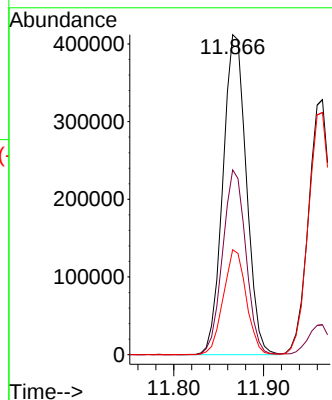
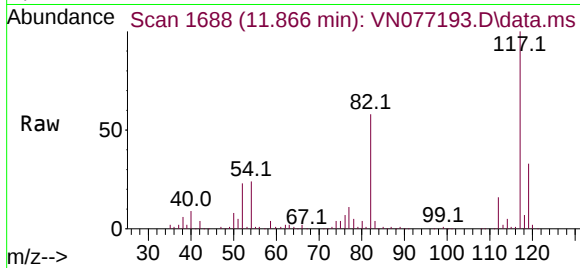




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

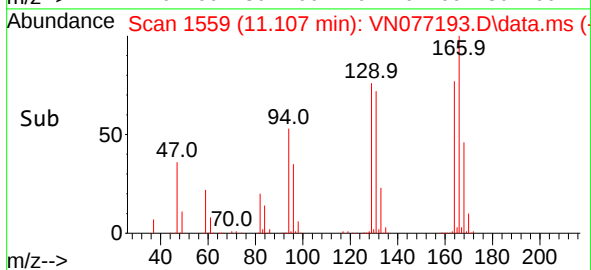
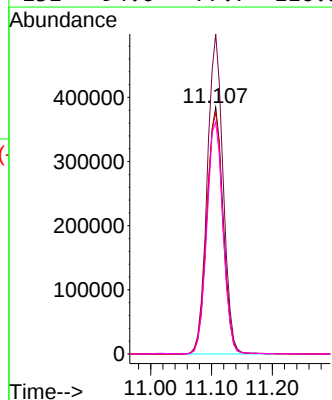
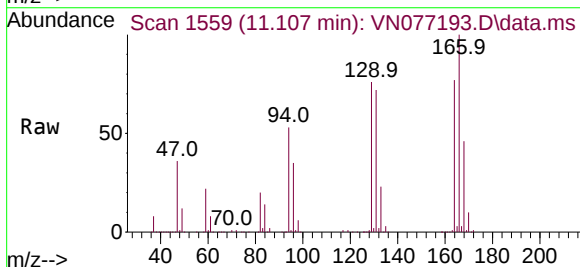
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

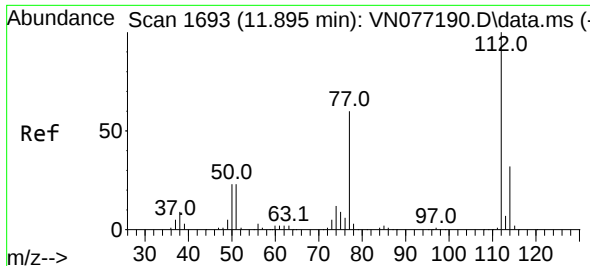
Tgt Ion:117 Resp: 749189
Ion Ratio Lower Upper
117 100
82 57.8 43.5 65.3
119 32.8 25.5 38.3



#64
Tetrachloroethene
Concen: 152.783 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

Tgt Ion:164 Resp: 710040
Ion Ratio Lower Upper
164 100
166 129.8 102.7 154.1
129 98.2 81.5 122.3
131 94.0 77.7 116.5

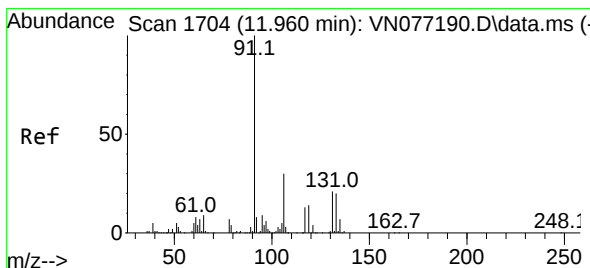
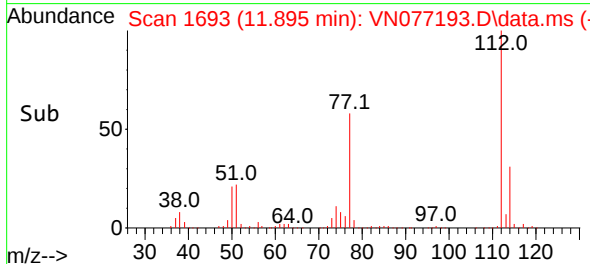
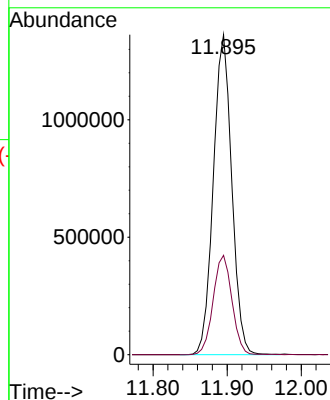
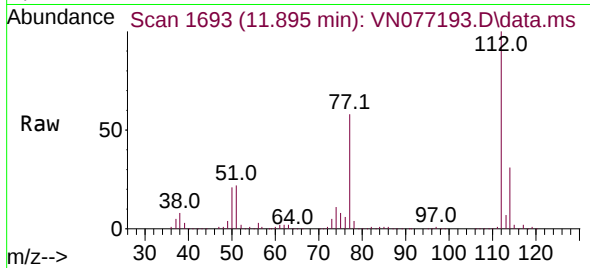




#65
Chlorobenzene
Concen: 155.512 ug/l
RT: 11.895 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

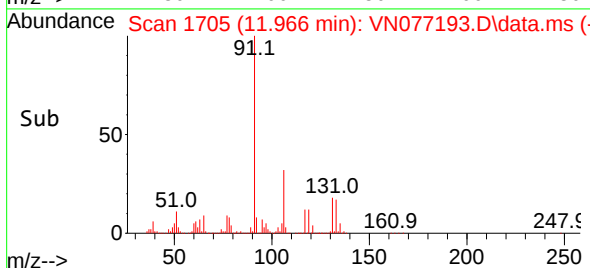
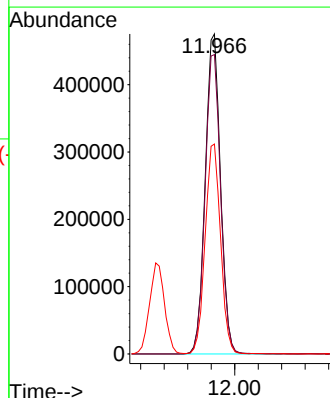
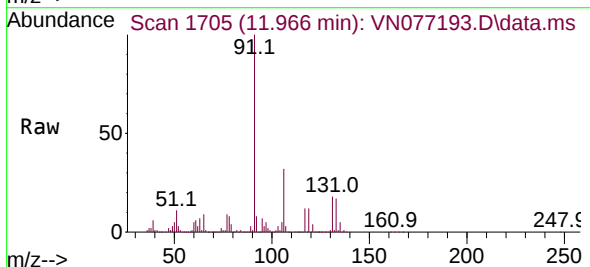
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

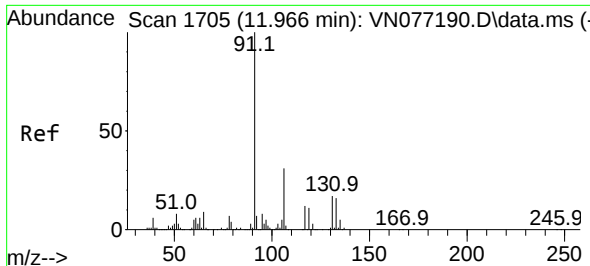
Tgt Ion:112 Resp: 2347411
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 155.089 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

Tgt Ion:131 Resp: 855248
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.8
119 66.2 33.1 99.2

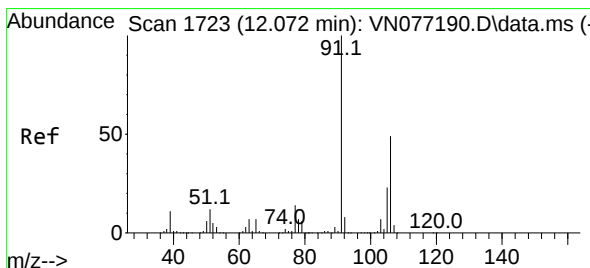
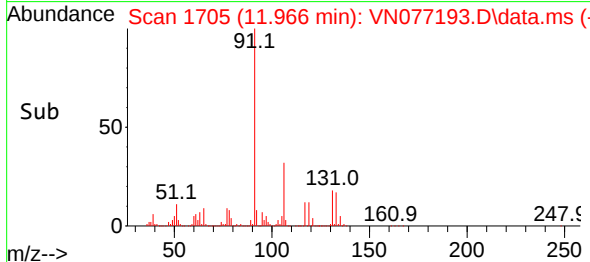
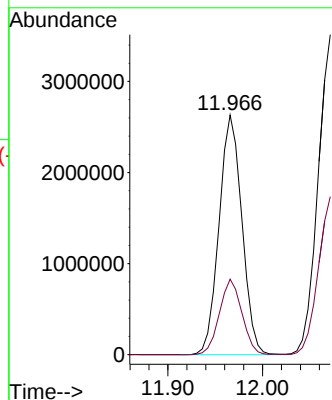
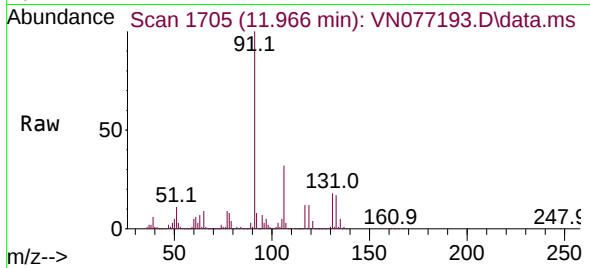




#67
Ethyl Benzene
Concen: 160.838 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

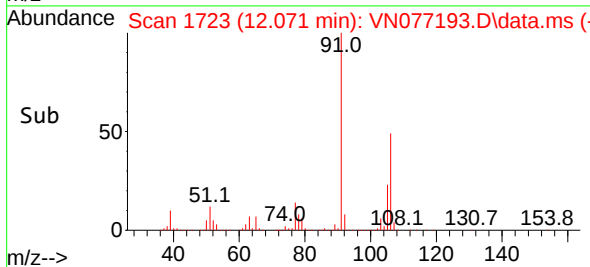
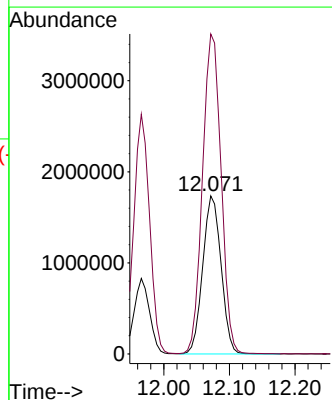
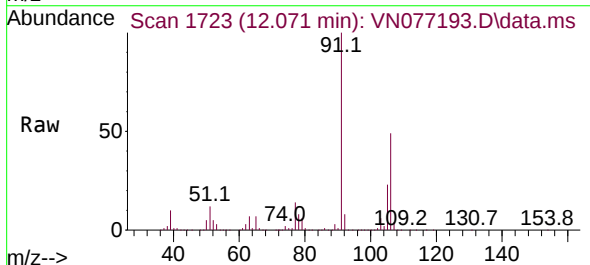
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

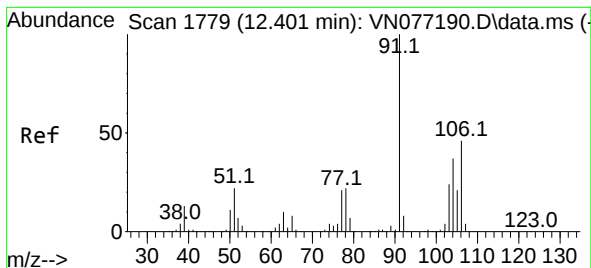
Tgt Ion: 91 Resp: 4416661
Ion Ratio Lower Upper
91 100
106 31.5 25.1 37.7



#68
m/p-Xylenes
Concen: 323.457 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.001 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

Tgt Ion:106 Resp: 3378383
Ion Ratio Lower Upper
106 100
91 205.3 158.0 237.0





#69

o-Xylene

Concen: 166.019 ug/l

RT: 12.401 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN077193.D

Acq: 24 Mar 2023 23:18

Instrument :

MSVOA_N

ClientSampleId :

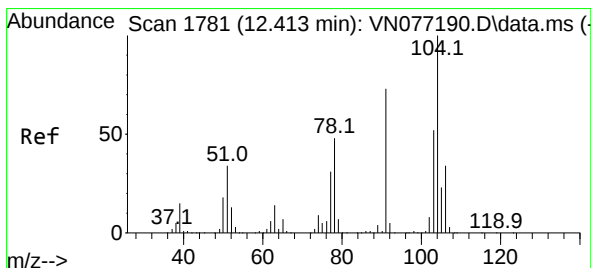
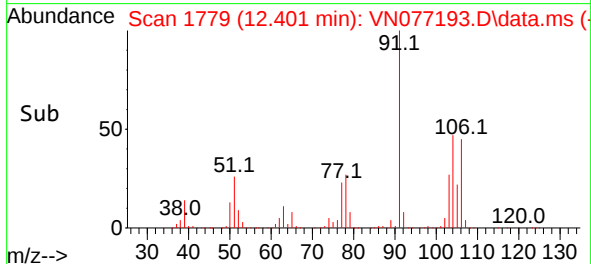
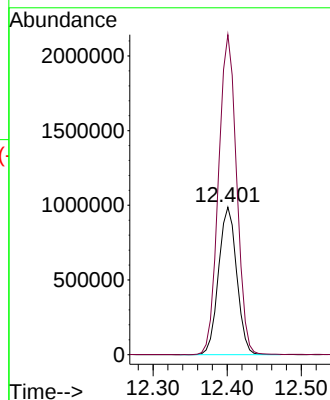
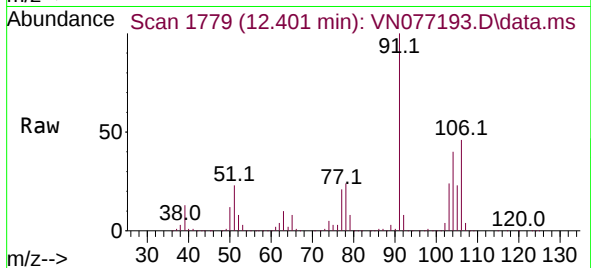
VSTDIC150

Tgt Ion:106 Resp: 1679167

Ion Ratio Lower Upper

106 100

91 216.2 101.8 305.4



#70

Styrene

Concen: 175.267 ug/l

RT: 12.413 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VN077193.D

Acq: 24 Mar 2023 23:18

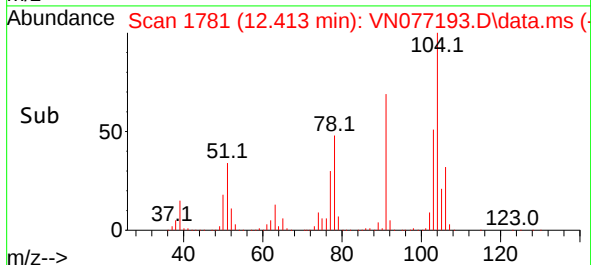
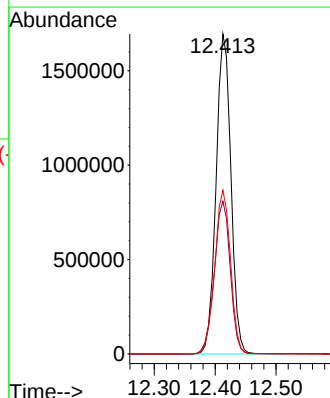
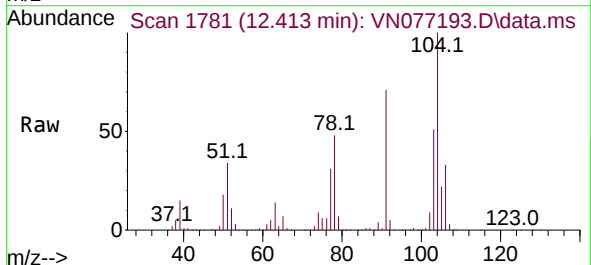
Tgt Ion:104 Resp: 2863443

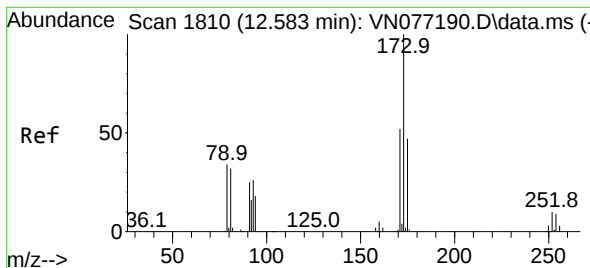
Ion Ratio Lower Upper

104 100

78 51.2 36.6 55.0

103 54.4 43.4 65.0





#71

Bromoform

Concen: 170.432 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN077193.D

Acq: 24 Mar 2023 23:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

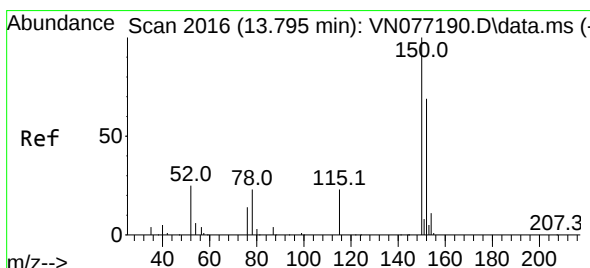
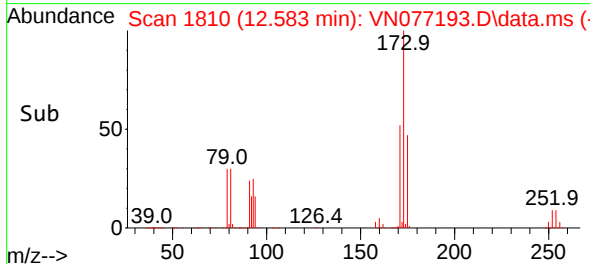
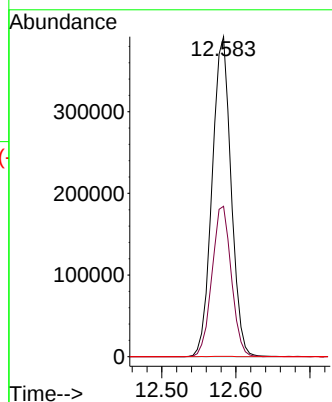
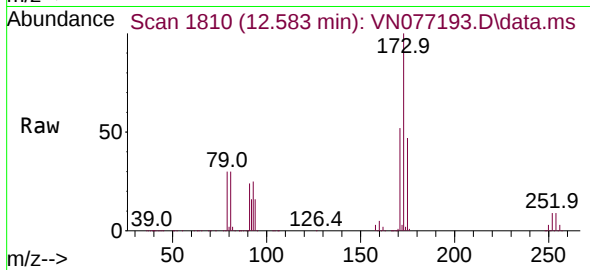
Tgt Ion:173 Resp: 696163

Ion Ratio Lower Upper

173 100

175 47.9 24.9 74.6

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077193.D

Acq: 24 Mar 2023 23:18

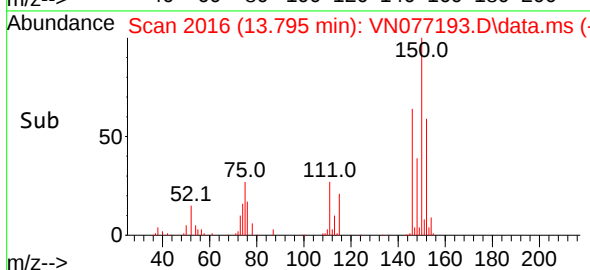
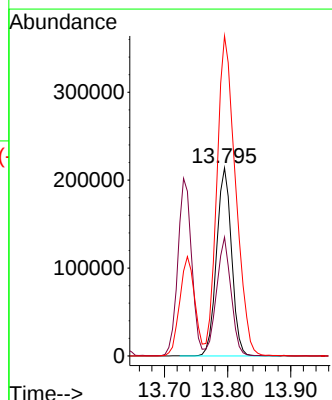
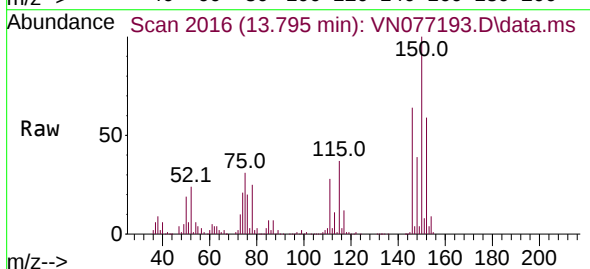
Tgt Ion:152 Resp: 353217

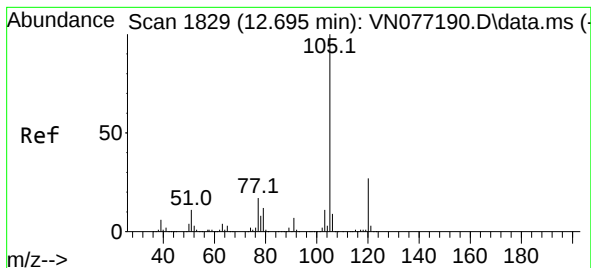
Ion Ratio Lower Upper

152 100

115 60.9 30.3 90.9

150 211.8 0.0 353.6





#73

Isopropylbenzene

Concen: 158.192 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. 0.006 min

Lab File: VN077193.D

Acq: 24 Mar 2023 23:18

Instrument :

MSVOA_N

ClientSampleId :

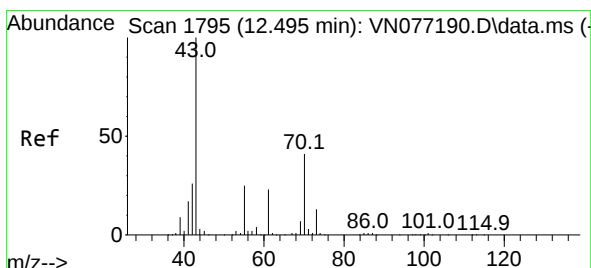
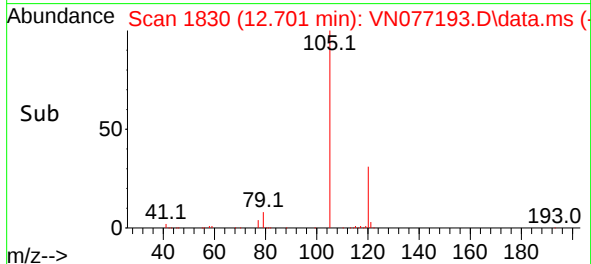
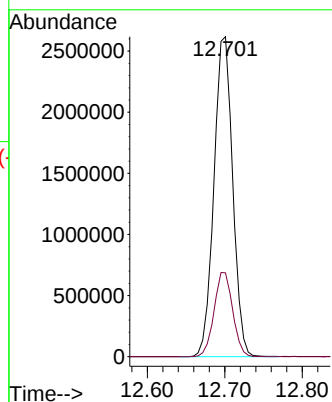
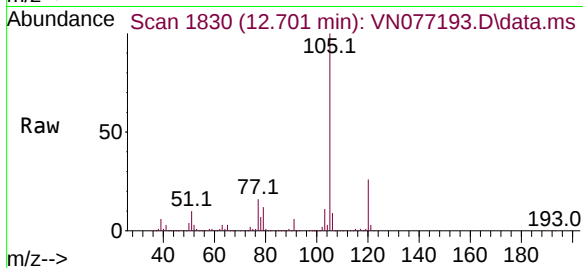
VSTDIC150

Tgt Ion:105 Resp: 4396343

Ion Ratio Lower Upper

105 100

120 26.2 13.8 41.4



#74

N-ethyl acetate

Concen: 163.880 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VN077193.D

Acq: 24 Mar 2023 23:18

Tgt Ion: 43 Resp: 1984594

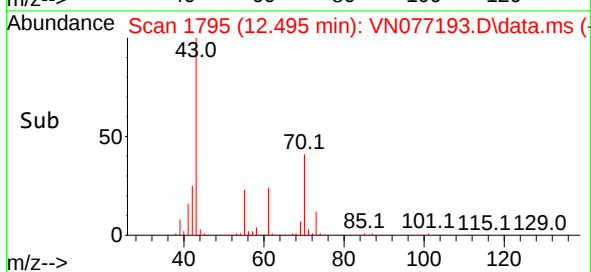
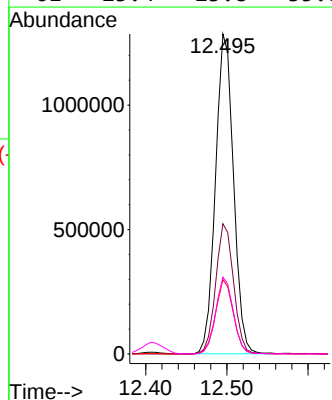
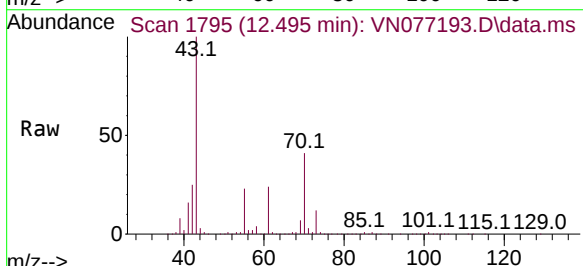
Ion Ratio Lower Upper

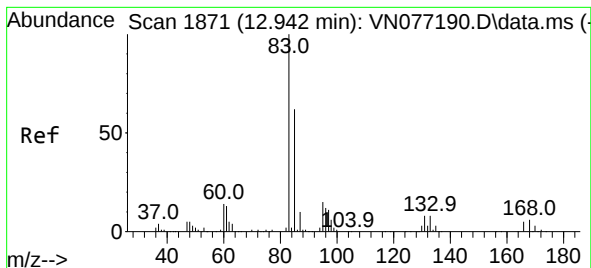
43 100

70 40.5 46.8 70.2#

55 23.1 23.4 35.2#

61 23.4 23.8 35.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 138.088 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN077193.D

Acq: 24 Mar 2023 23:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

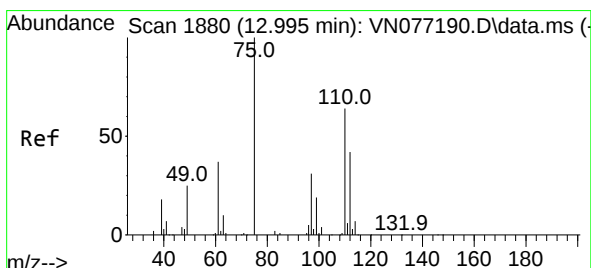
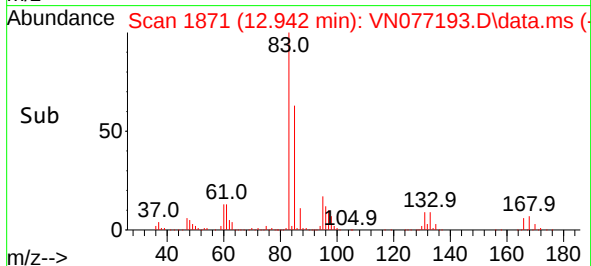
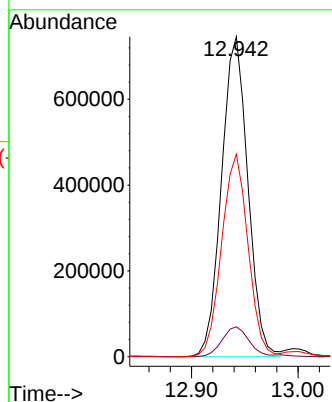
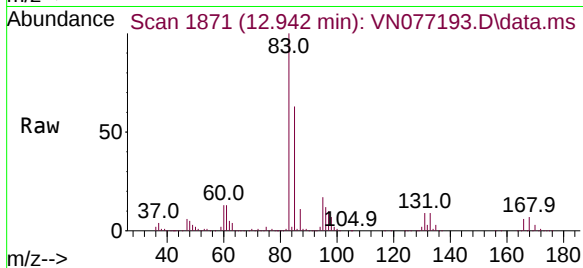
Tgt Ion: 83 Resp: 1281843

Ion Ratio Lower Upper

83 100

131 9.9 5.3 16.1

85 63.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 216.522 ug/l

RT: 12.995 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN077193.D

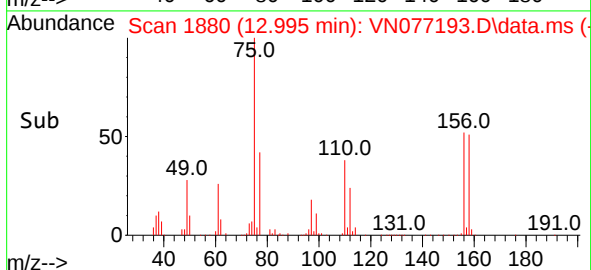
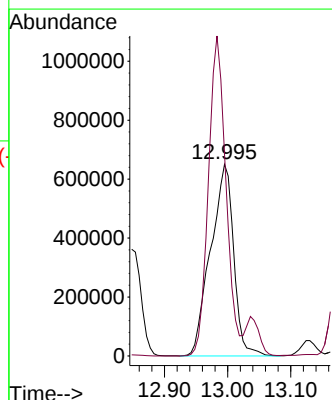
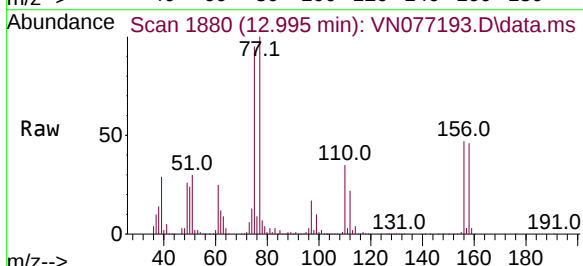
Acq: 24 Mar 2023 23:18

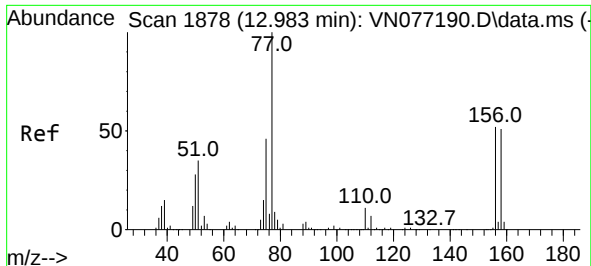
Tgt Ion: 75 Resp: 1652180

Ion Ratio Lower Upper

75 100

77 126.4 93.8 281.4

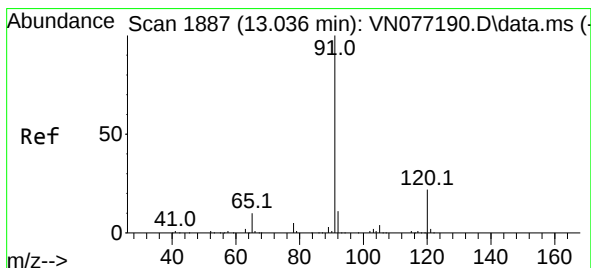
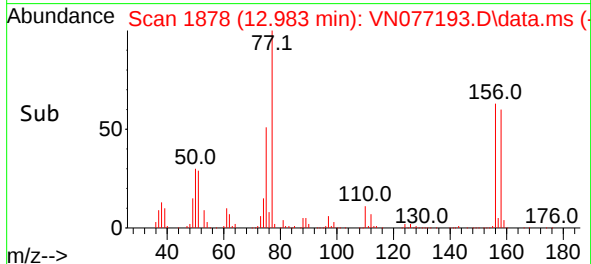
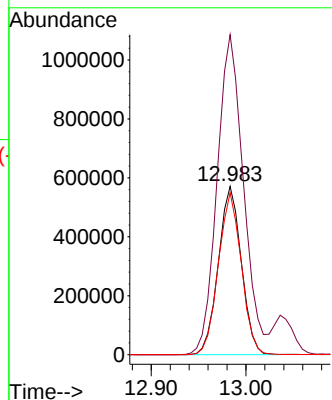
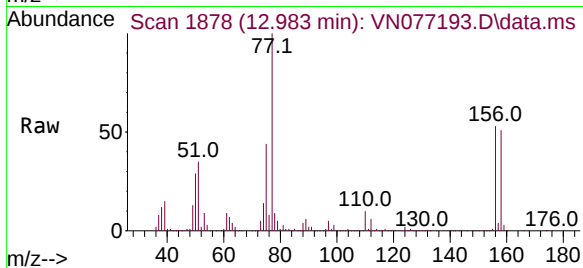




#77
Bromobenzene
Concen: 150.588 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

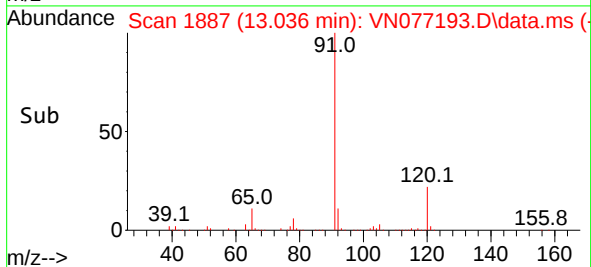
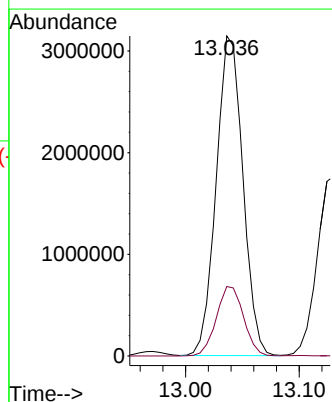
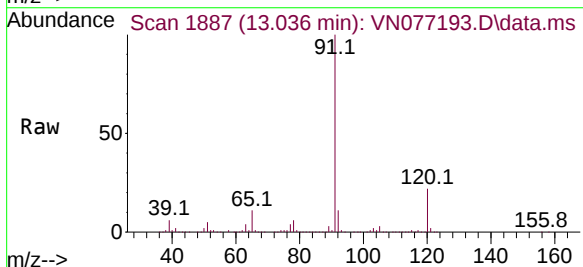
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

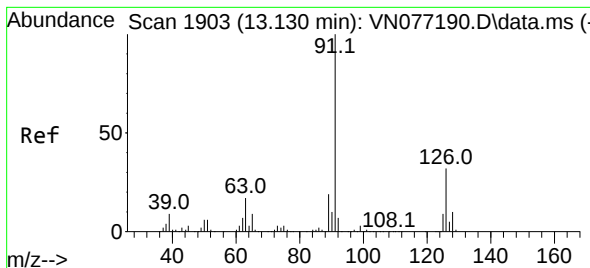
Tgt Ion:156 Resp: 963443
Ion Ratio Lower Upper
156 100
77 216.7 101.3 303.7
158 96.0 48.9 146.7



#78
n-propylbenzene
Concen: 160.310 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

Tgt Ion: 91 Resp: 5137981
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.7

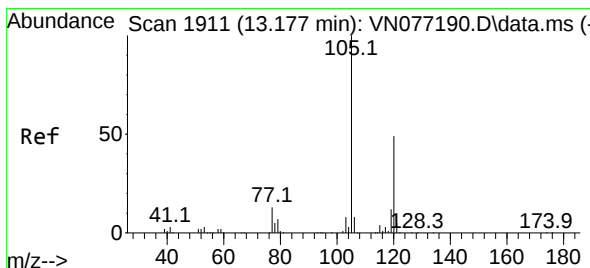
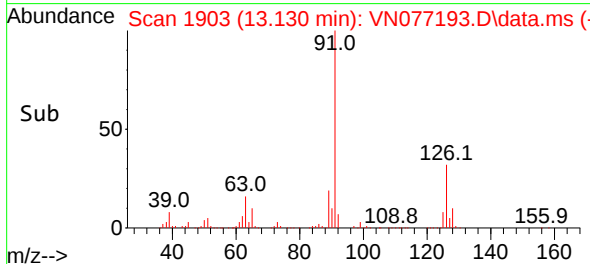
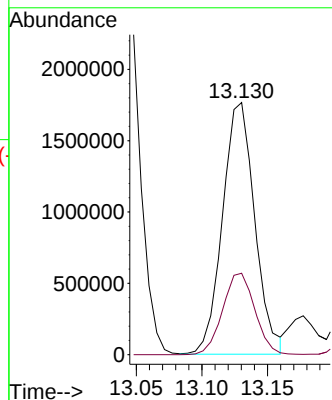
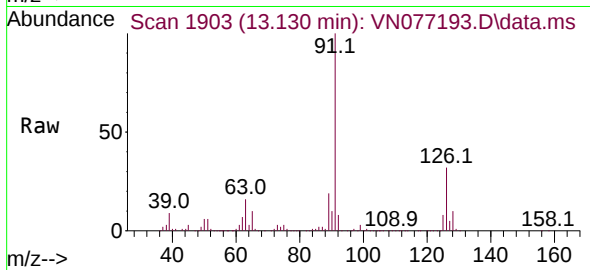




#79
2-Chlorotoluene
Concen: 153.183 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

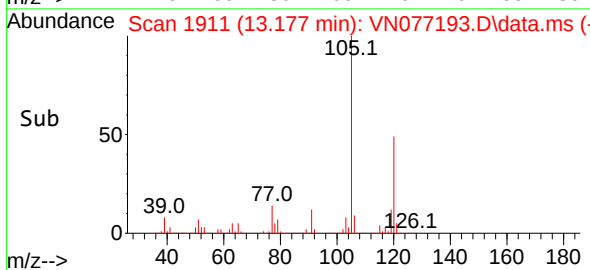
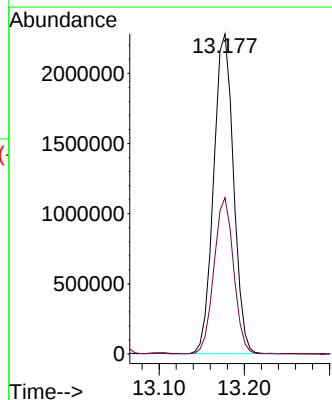
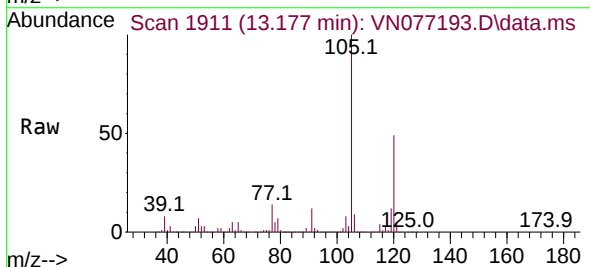
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

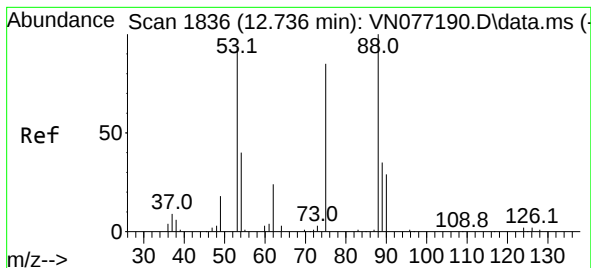
Tgt Ion: 91 Resp: 3019090
Ion Ratio Lower Upper
91 100
126 32.4 17.7 53.1



#80
1,3,5-Trimethylbenzene
Concen: 159.570 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

Tgt Ion: 105 Resp: 3692989
Ion Ratio Lower Upper
105 100
120 48.5 25.2 75.6

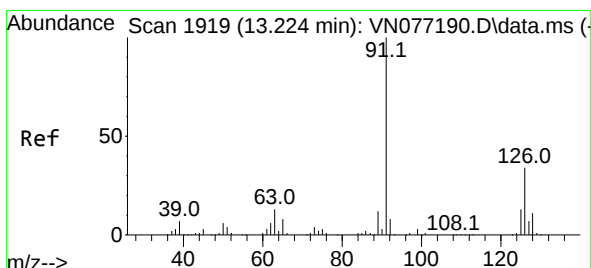
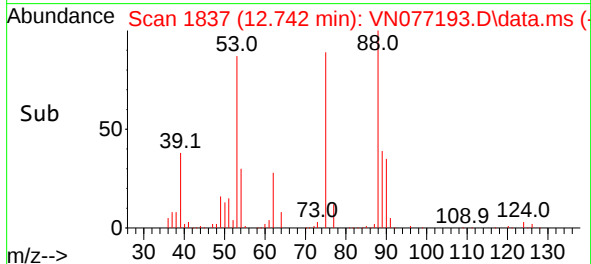
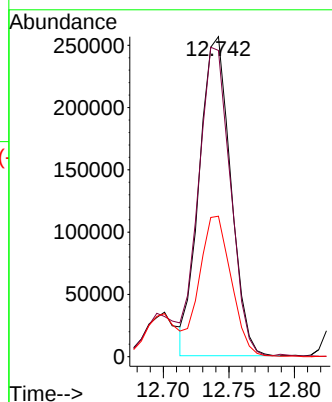
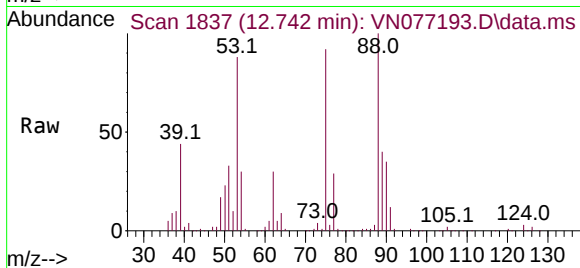




#81
trans-1,4-Dichloro-2-butene
Concen: 171.114 ug/l
RT: 12.742 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

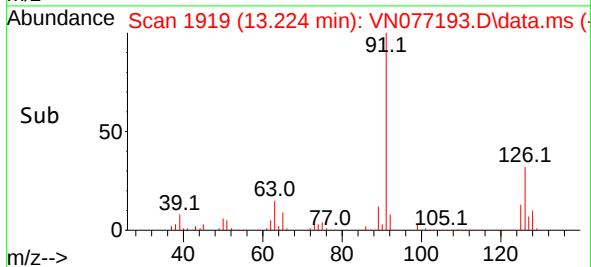
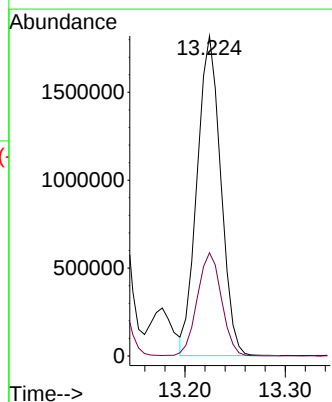
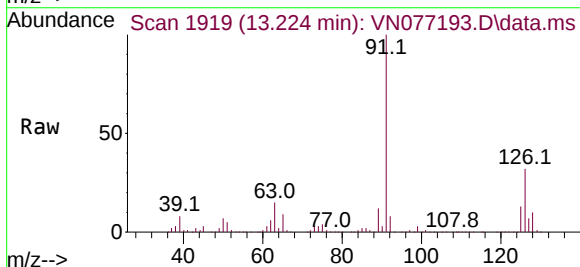
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

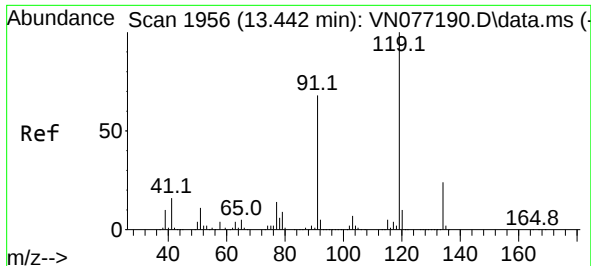
Tgt Ion: 75 Resp: 425408
Ion Ratio Lower Upper
75 100
53 98.1 67.4 101.0
89 45.3 39.5 59.3



#82
4-Chlorotoluene
Concen: 159.433 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

Tgt Ion: 91 Resp: 2982571
Ion Ratio Lower Upper
91 100
126 33.0 18.0 54.0

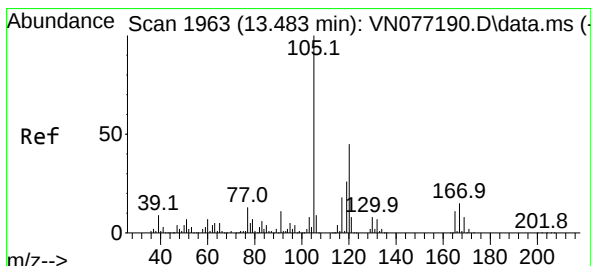
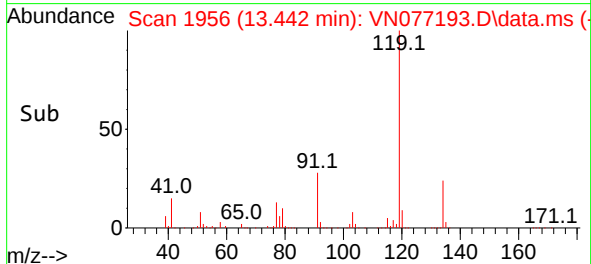
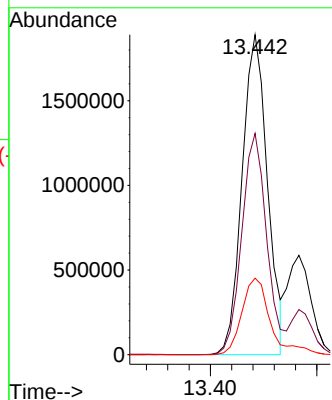
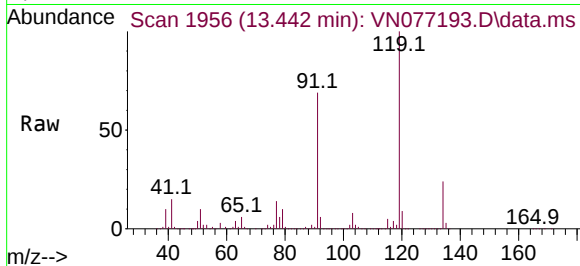




#83
tert-Butylbenzene
Concen: 159.841 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

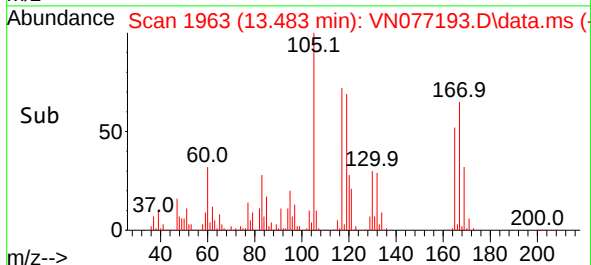
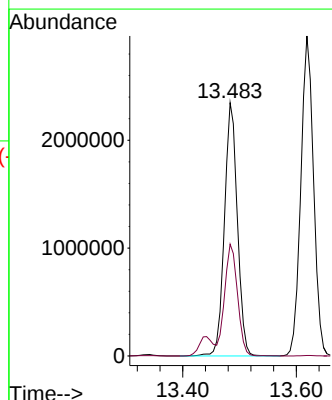
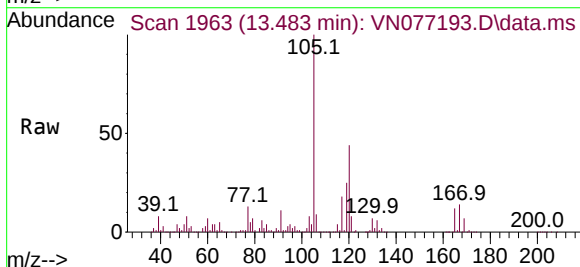
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

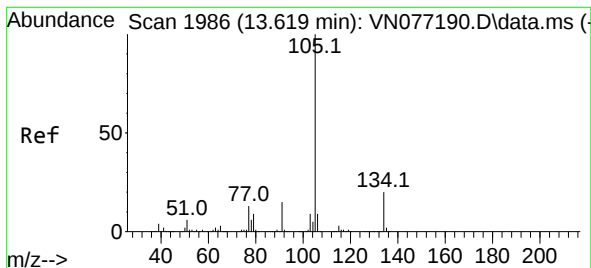
Tgt Ion:119 Resp: 3128699
Ion Ratio Lower Upper
119 100
91 68.7 31.9 95.5
134 26.9 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 163.882 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

Tgt Ion:105 Resp: 3727197
Ion Ratio Lower Upper
105 100
120 43.8 23.6 70.8





#85

sec-Butylbenzene

Concen: 165.050 ug/l

RT: 13.618 min Scan# 1986

Delta R.T. -0.001 min

Lab File: VN077193.D

Acq: 24 Mar 2023 23:18

Instrument :

MSVOA_N

ClientSampleId :

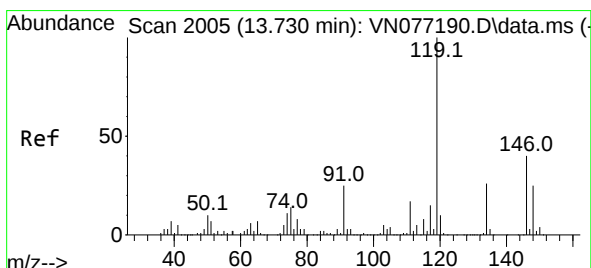
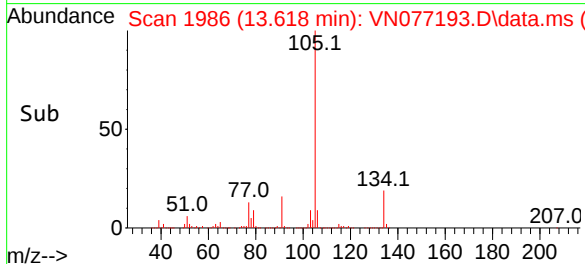
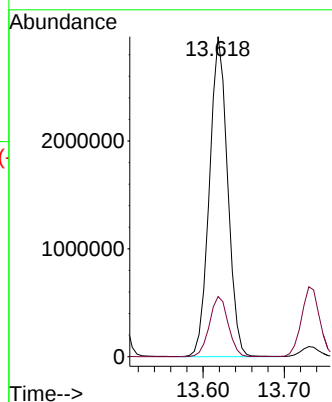
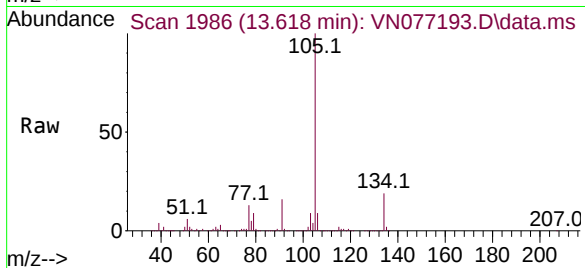
VSTDIC150

Tgt Ion:105 Resp: 4607838

Ion Ratio Lower Upper

105 100

134 19.4 10.4 31.2



#86

p-Isopropyltoluene

Concen: 175.814 ug/l

RT: 13.730 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VN077193.D

Acq: 24 Mar 2023 23:18

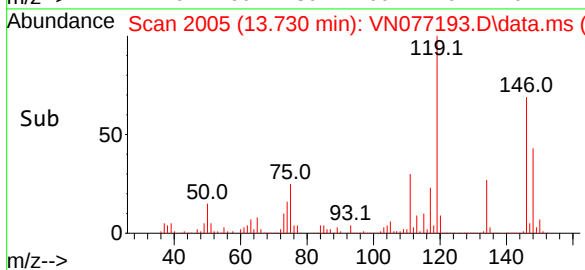
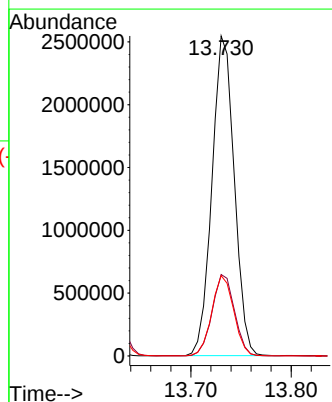
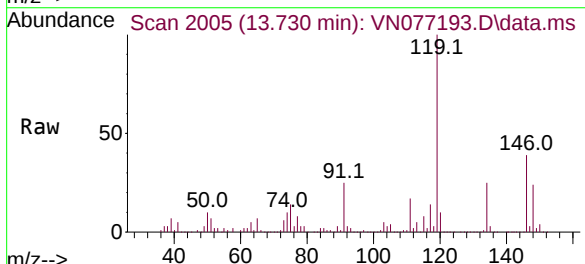
Tgt Ion:119 Resp: 3931087

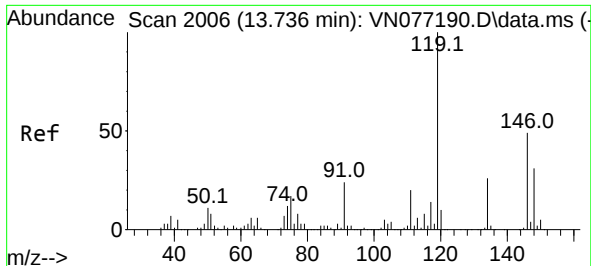
Ion Ratio Lower Upper

119 100

134 25.5 13.5 40.5

91 24.7 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 162.259 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN077193.D

Acq: 24 Mar 2023 23:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

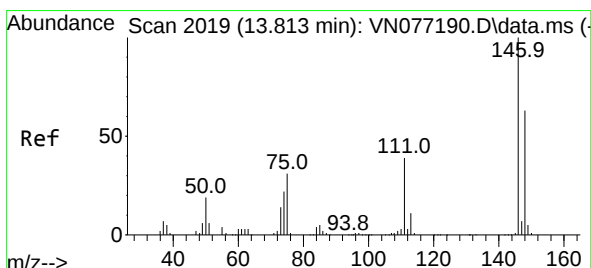
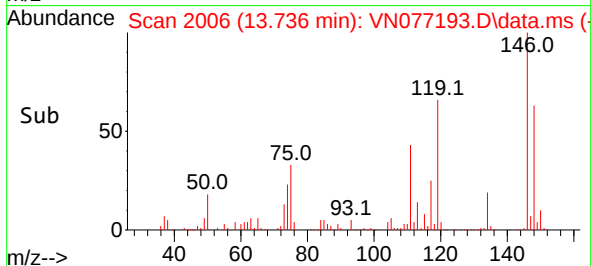
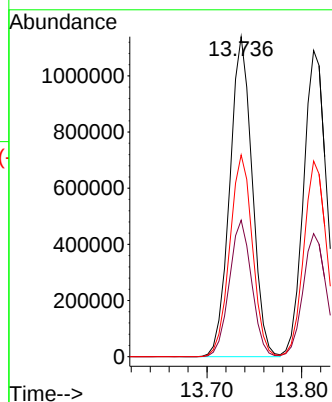
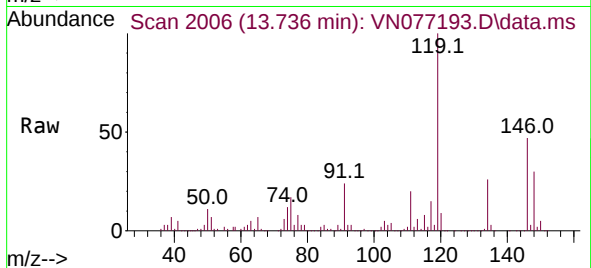
Tgt Ion:146 Resp: 1873697

Ion Ratio Lower Upper

146 100

111 42.4 20.4 61.2

148 63.9 31.5 94.5



#88

1,4-Dichlorobenzene

Concen: 160.025 ug/l

RT: 13.813 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VN077193.D

Acq: 24 Mar 2023 23:18

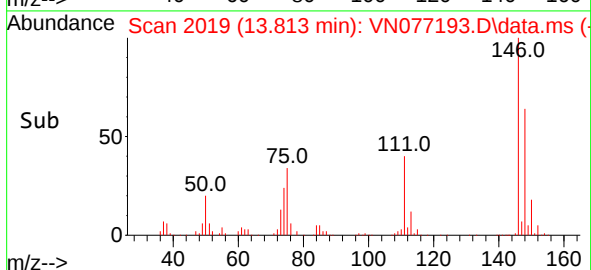
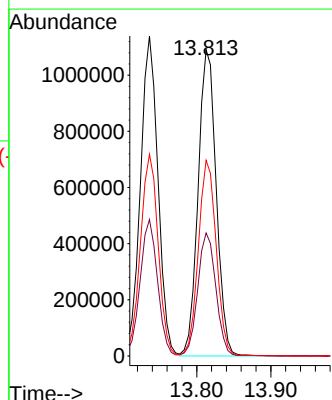
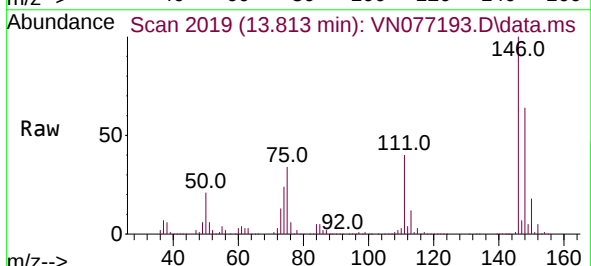
Tgt Ion:146 Resp: 1848218

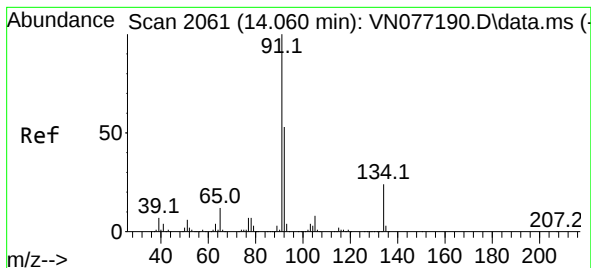
Ion Ratio Lower Upper

146 100

111 40.4 20.0 60.0

148 63.1 31.8 95.4

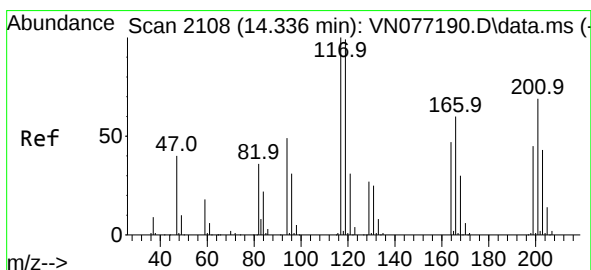
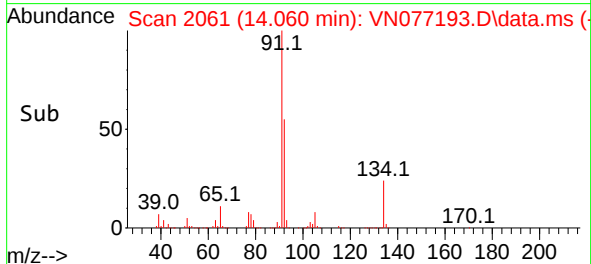
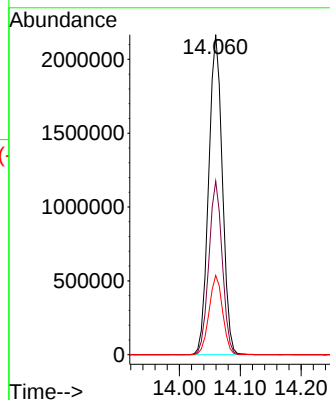
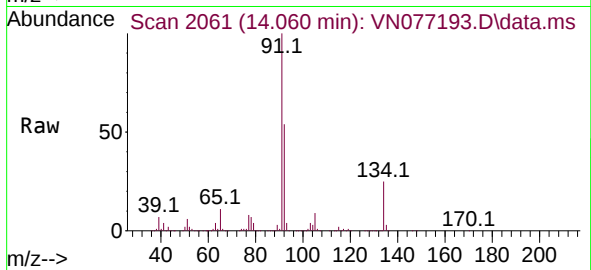




#89
n-Butylbenzene
Concen: 184.329 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

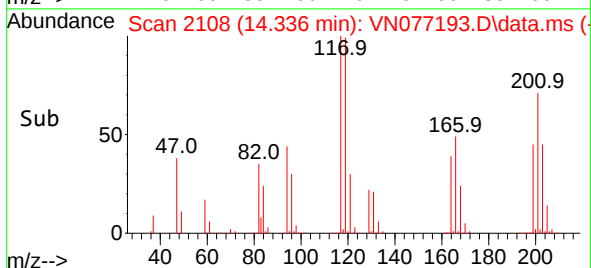
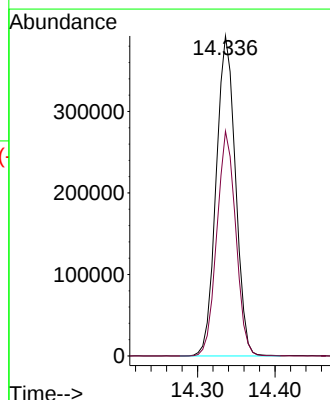
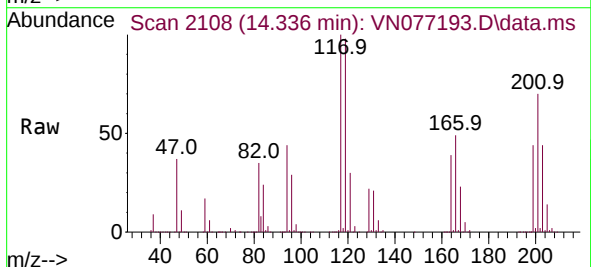
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

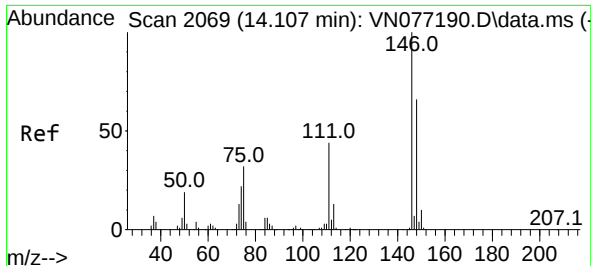
Tgt Ion: 91 Resp: 3378934
Ion Ratio Lower Upper
91 100
92 53.0 26.6 79.7
134 24.5 13.6 40.7



#90
Hexachloroethane
Concen: 163.010 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

Tgt Ion: 117 Resp: 679222
Ion Ratio Lower Upper
117 100
201 68.8 31.9 95.7

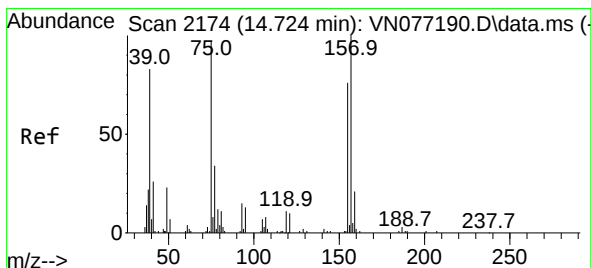
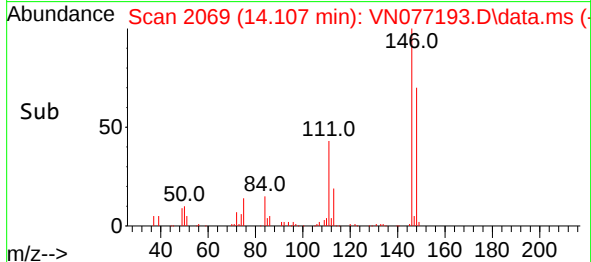
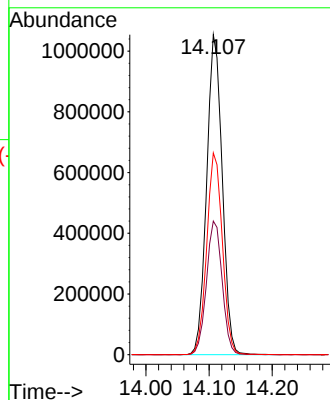
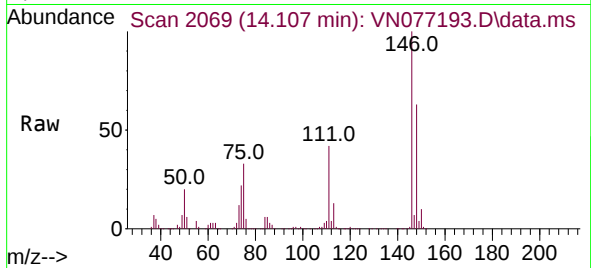




#91
1,2-Dichlorobenzene
Concen: 156.516 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

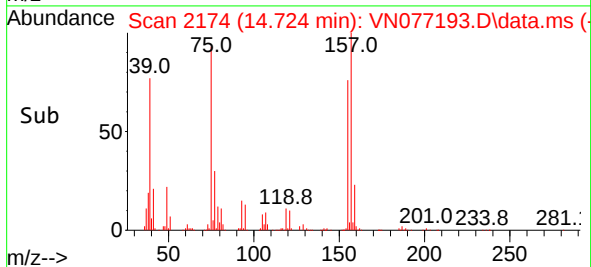
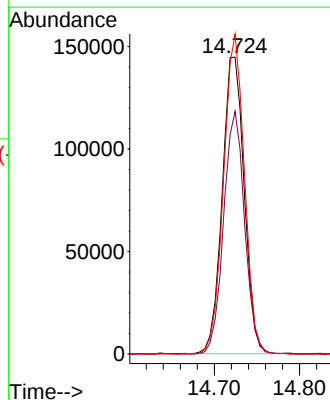
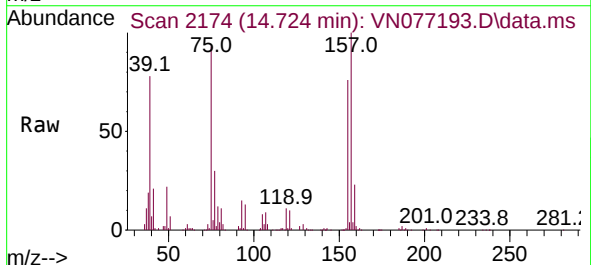
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

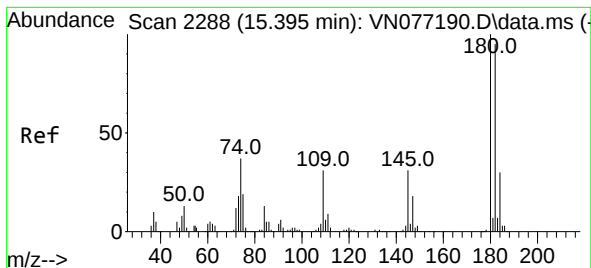
Tgt Ion:146 Resp: 1802720
Ion Ratio Lower Upper
146 100
111 42.3 21.4 64.2
148 63.3 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 157.690 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077193.D
Acq: 24 Mar 2023 23:18

Tgt Ion: 75 Resp: 259019
Ion Ratio Lower Upper
75 100
155 78.1 44.3 132.8
157 102.7 58.3 174.8





#93

1,2,4-Trichlorobenzene

Concen: 158.733 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077193.D

Acq: 24 Mar 2023 23:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

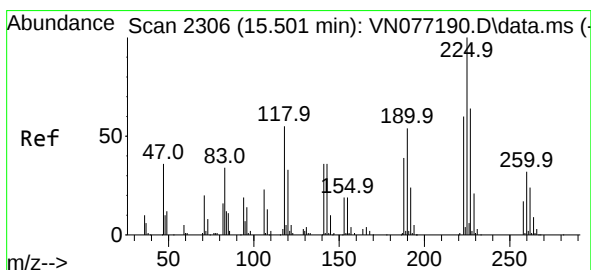
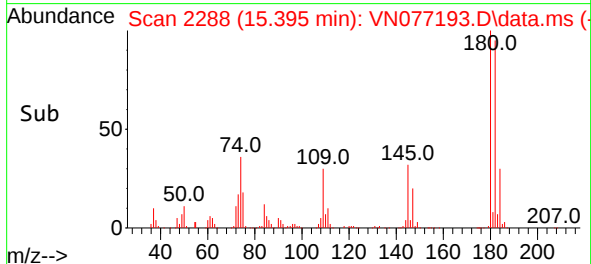
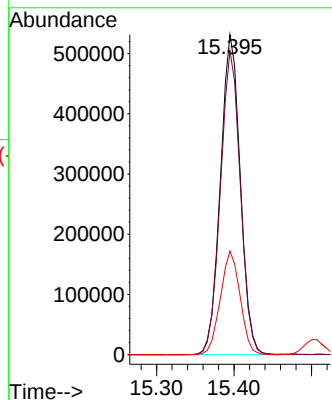
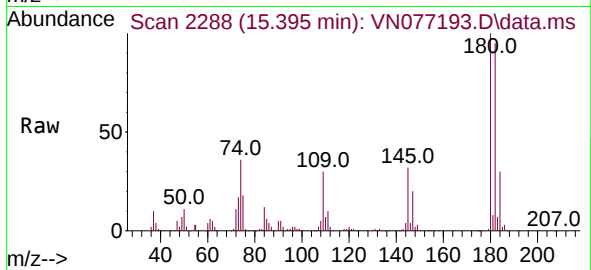
Tgt Ion:180 Resp: 948773

Ion Ratio Lower Upper

180 100

182 94.9 47.4 142.2

145 32.2 15.8 47.3



#94

Hexachlorobutadiene

Concen: 149.570 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. 0.006 min

Lab File: VN077193.D

Acq: 24 Mar 2023 23:18

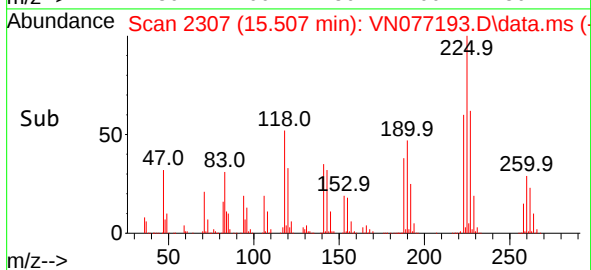
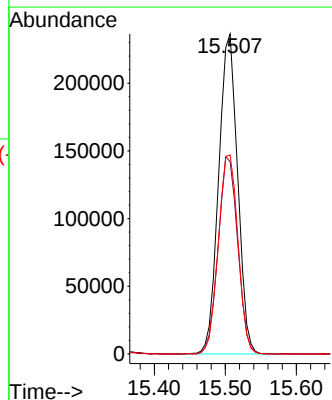
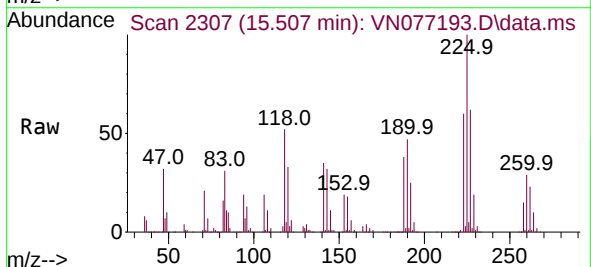
Tgt Ion:225 Resp: 436999

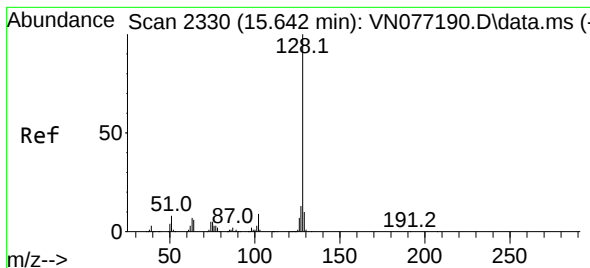
Ion Ratio Lower Upper

225 100

223 63.3 31.4 94.0

227 64.4 30.9 92.7





#95

Naphthalene

Concen: 155.004 ug/l

RT: 15.642 min Scan# 2330

Delta R.T. -0.000 min

Lab File: VN077193.D

Acq: 24 Mar 2023 23:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

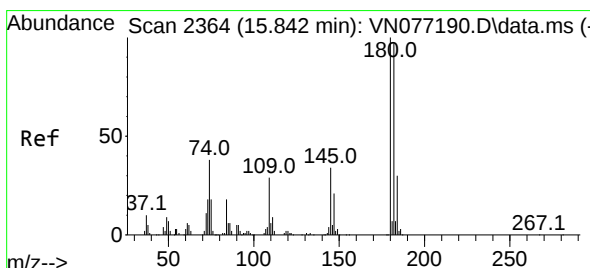
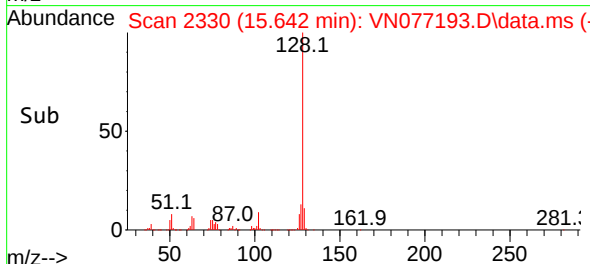
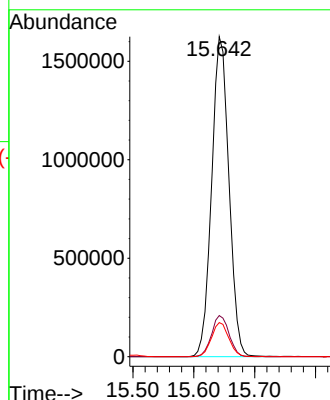
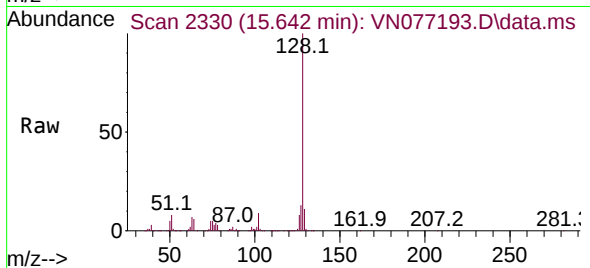
Tgt Ion:128 Resp: 3200355

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.7 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 155.528 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN077193.D

Acq: 24 Mar 2023 23:18

Tgt Ion:180 Resp: 918910

Ion Ratio Lower Upper

180 100

182 94.5 47.7 143.1

145 33.9 17.0 51.0

