

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021723\
 Data File : VW030063.D
 Acq On : 17 Feb 2023 12:11
 Operator : SY/MD
 Sample : VSTD05010
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050210

Quant Time: Feb 20 00:30:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM021723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 20 00:27:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	427261	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	409234	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	248494	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	152351	50.153	ug/L	0.00
7) Chloroethane-d5	1.536	69	122226	52.584	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.066	63	278626	47.946	ug/L	0.00
21) 2-Butanone-d5	3.796	46	200143	106.885	ug/L	0.00
24) Chloroform-d	4.262	84	285120	50.496	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	168214	50.401	ug/L	0.00
32) Benzene-d6	4.970	84	551623	50.753	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	174251	50.420	ug/L	0.00
41) Toluene-d8	7.252	98	538807	52.529	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	89060	51.854	ug/L	0.00
47) 2-Hexanone-d5	8.034	63	177938	110.439	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	263085	50.749	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.571	152	218118	49.285	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	225375	49.834	ug/L	100
3) Chloromethane	1.217	50	281332	48.479	ug/L	100
5) Vinyl chloride	1.285	62	203103	50.258	ug/L	100
6) Bromomethane	1.487	94	39276	53.466	ug/L	100
8) Chloroethane	1.552	64	119475	50.670	ug/L	100
9) Trichlorofluoromethane	1.716	101	266005	49.655	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	159854	48.756	ug/L	100
12) 1,1-Dichloroethene	2.076	96	146833	49.784	ug/L	100
13) Acetone	2.121	43	135832	93.355	ug/L	100
14) Carbon disulfide	2.246	76	428461	49.127	ug/L	100
15) Methyl Acetate	2.378	43	161493	53.378	ug/L	100
16) Methylene chloride	2.452	84	163145	50.525	ug/L	100
17) trans-1,2-Dichloroethene	2.703	96	151014	50.087	ug/L	100
18) Methyl tert-butyl Ether	2.712	73	502369	52.358	ug/L	100
19) 1,1-Dichloroethane	3.121	63	288937	51.995	ug/L	100
20) cis-1,2-Dichloroethene	3.825	96	171385	51.400	ug/L	100
22) 2-Butanone	3.876	43	215733	108.503	ug/L	100
23) Bromochloromethane	4.156	128	91087	51.237	ug/L	100
25) Chloroform	4.288	83	293275	51.768	ug/L	100
27) 1,2-Dichloroethane	5.050	62	218494	51.639	ug/L	100
29) Cyclohexane	4.593	56	243110	50.981	ug/L	100
30) 1,1,1-Trichloroethane	4.523	97	264045	51.940	ug/L	100
31) Carbon tetrachloride	4.748	117	227965	51.080	ug/L	100
33) Benzene	5.021	78	622910	51.592	ug/L	100
34) Trichloroethene	5.841	95	169180	51.482	ug/L	100
35) Methylcyclohexane	6.060	83	262459	50.311	ug/L	100
37) 1,2-Dichloropropane	6.101	63	169043	53.163	ug/L	100
38) Bromodichloromethane	6.442	83	229211	53.669	ug/L	100
39) cis-1,3-Dichloropropene	6.963	75	283579	53.054	ug/L	100
40) 4-Methyl-2-pentanone	7.166	43	452431	114.452	ug/L	100
42) Toluene	7.323	91	700472	53.018	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	261269	53.747	ug/L	100

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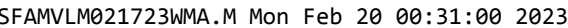
Instrument :
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 ClientSampleId :
 VSTD050210

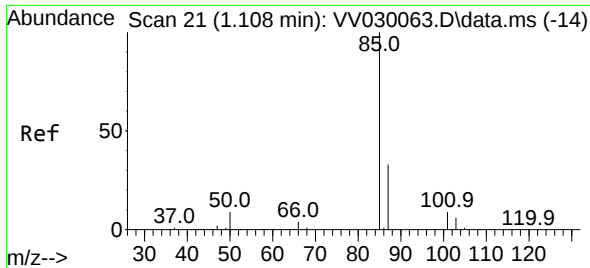
Quant Time: Feb 20 00:30:50 2023
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 Quant Title : VOC Analysis
 QLast Update : Mon Feb 20 00:27:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.777	97	175816	53.275	ug/L	100
46) Tetrachloroethene	7.915	164	144267	52.220	ug/L	100
48) 2-Hexanone	8.082	43	340555	113.521	ug/L	100
49) Dibromochloromethane	8.185	129	180805	52.820	ug/L	100
50) 1,2-Dibromoethane	8.291	107	194606	53.751	ug/L	100
51) Chlorobenzene	8.822	112	449329	51.032	ug/L	100
52) Ethylbenzene	8.957	91	748885	51.194	ug/L	100
53) m,p-Xylene	9.082	106	288204	51.567	ug/L	100
54) o-Xylene	9.487	106	279357	51.866	ug/L	100
55) Styrene	9.503	104	488005	53.037	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.188	83	281938	52.261	ug/L	100
59) Bromoform	9.674	173	128086	52.050	ug/L	100
60) Isopropylbenzene	9.876	105	762557	51.604	ug/L	100
61) 1,2,3-Trichloropropane	10.220	75	214976	52.287	ug/L	100
62) 1,3,5-Trimethylbenzene	10.487	105	645944	52.779	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	631971	52.538	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	377486	50.691	ug/L	100
65) 1,4-Dichlorobenzene	11.217	146	383803	50.370	ug/L	100
67) 1,2-Dichlorobenzene	11.590	146	378728	51.080	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.374	75	64399	53.688	ug/L	100
69) 1,3,5-Trichlorobenzene	12.593	180	299830	50.455	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	280318	50.187	ug/L	100
71) Naphthalene	13.448	128	861703	53.188	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	280462	51.164	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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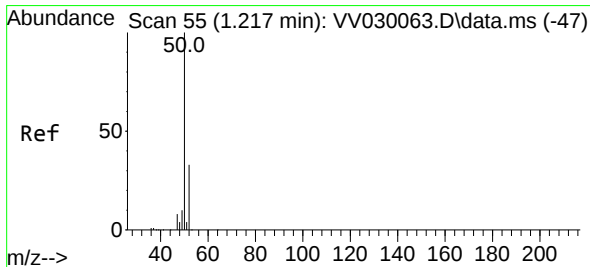
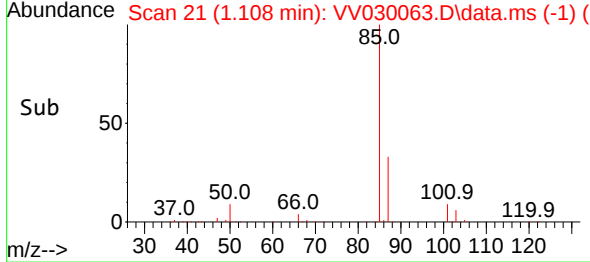
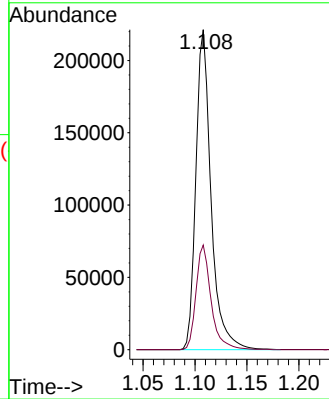
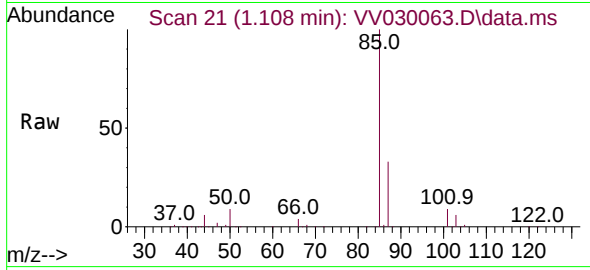




#2
 Dichlorodifluoromethane
 Concen: 49.834 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV030063.D
 Acq: 17 Feb 2023 12:11

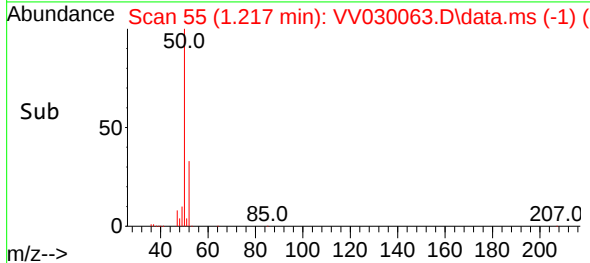
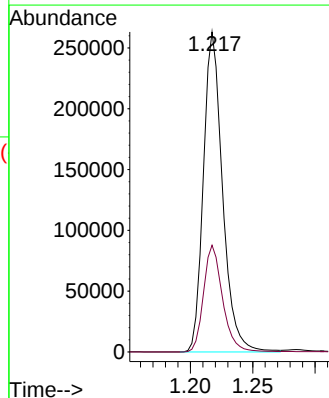
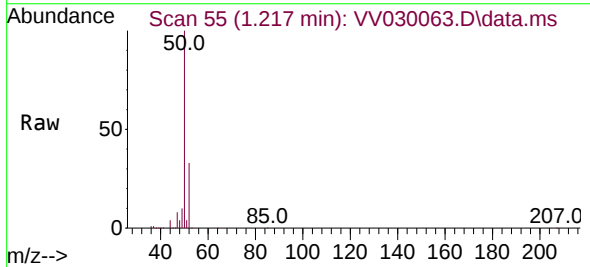
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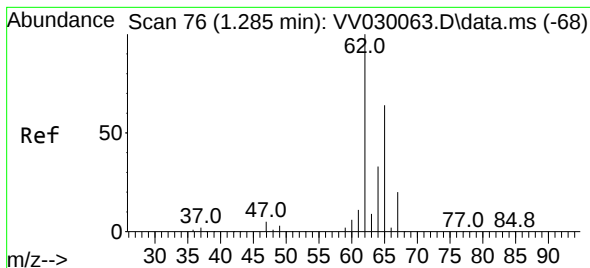
Tgt Ion: 85 Resp: 225375
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.0 39.0



#3
 Chloromethane
 Concen: 48.479 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV030063.D
 Acq: 17 Feb 2023 12:11

Tgt Ion: 50 Resp: 281332
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.4 43.4

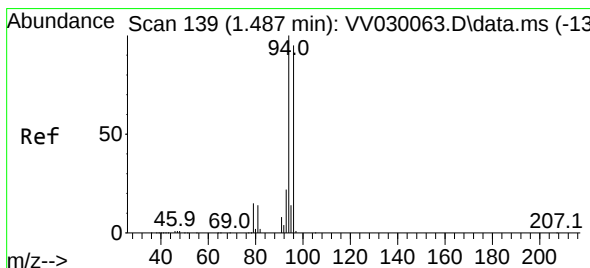
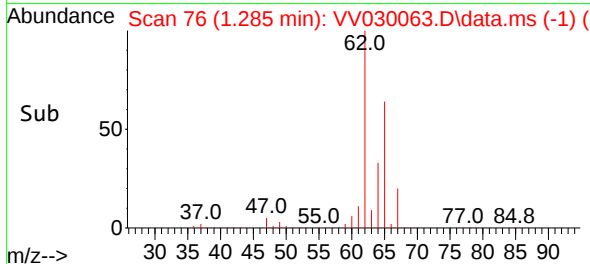
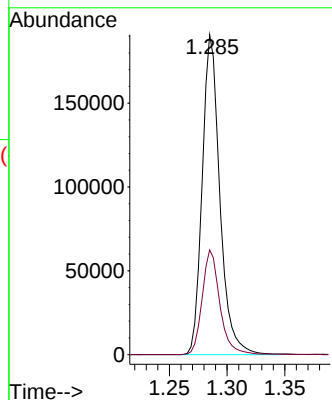
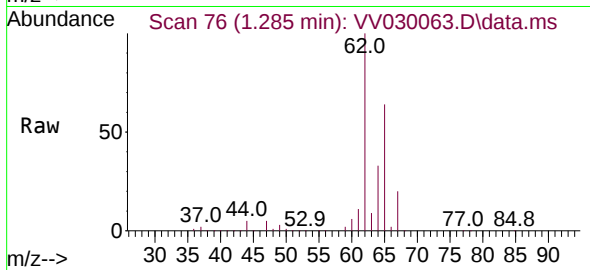




#5
 Vinyl chloride
 Concen: 50.258 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV030063.D
 Acq: 17 Feb 2023 12:11

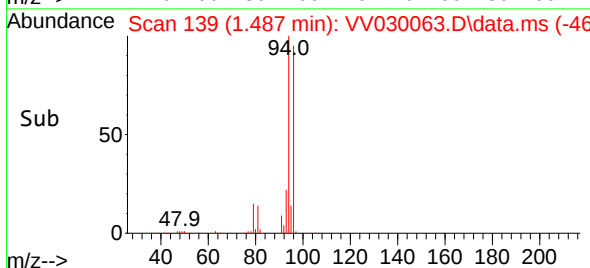
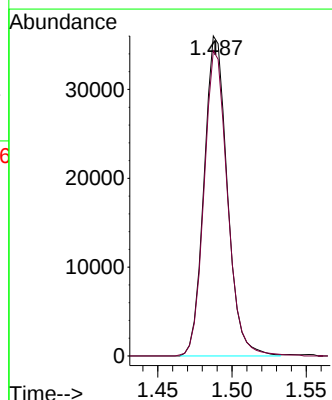
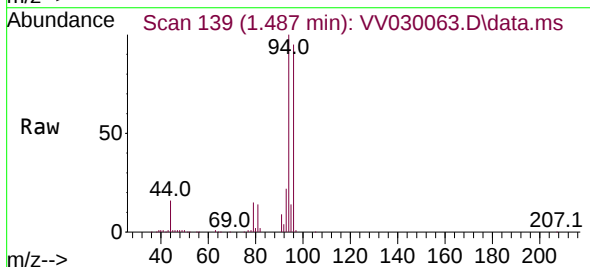
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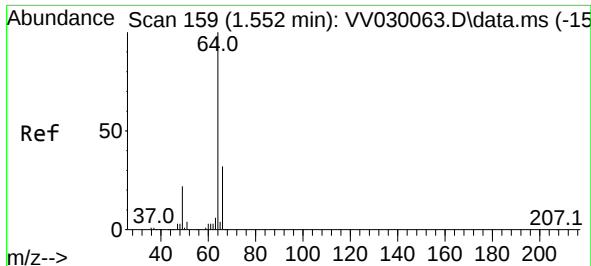
Tgt Ion: 62 Resp: 203103
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.9 42.5



#6
 Bromomethane
 Concen: 53.466 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV030063.D
 Acq: 17 Feb 2023 12:11

Tgt Ion: 94 Resp: 39276
 Ion Ratio Lower Upper
 94 100
 96 95.3 66.7 123.9

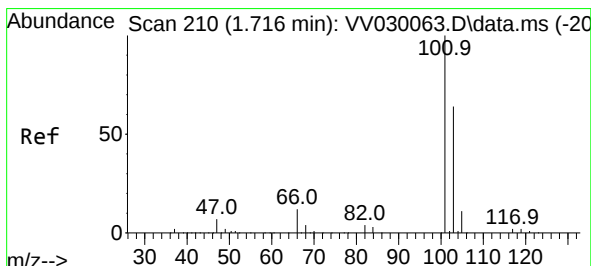
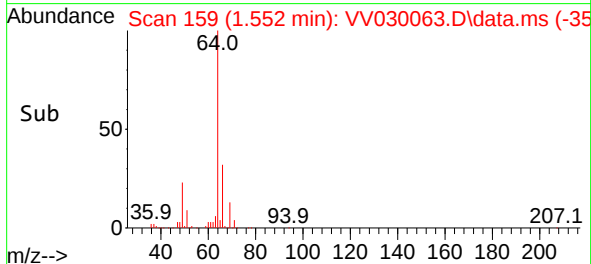
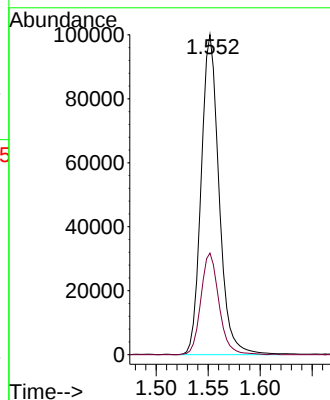
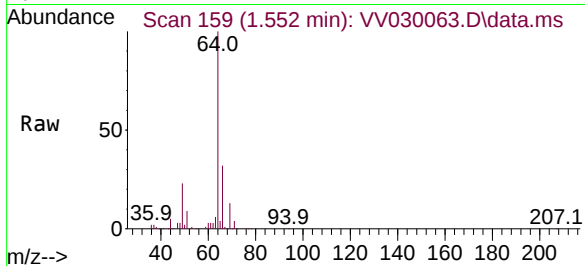




#8
Chloroethane
Concen: 50.670 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV030063.D
Acq: 17 Feb 2023 12:11

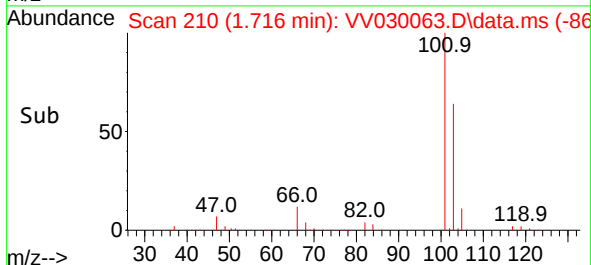
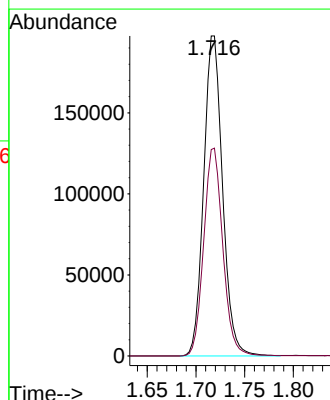
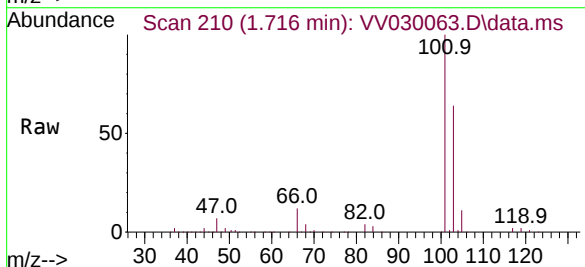
Instrument :
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ClientSampleId :
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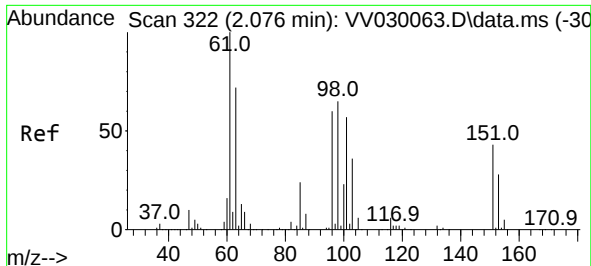
Tgt Ion: 64 Resp: 119475
Ion Ratio Lower Upper
64 100
66 31.8 22.3 41.3



#9
Trichlorofluoromethane
Concen: 49.655 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV030063.D
Acq: 17 Feb 2023 12:11

Tgt Ion:101 Resp: 266005
Ion Ratio Lower Upper
101 100
103 65.7 52.6 78.8

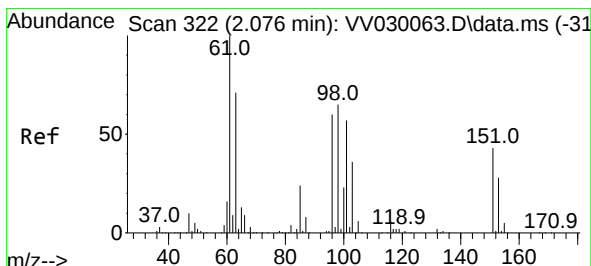
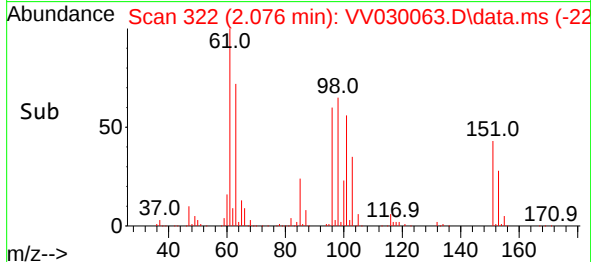
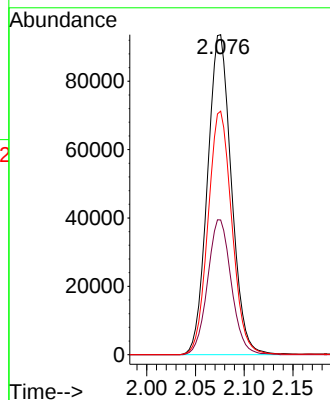
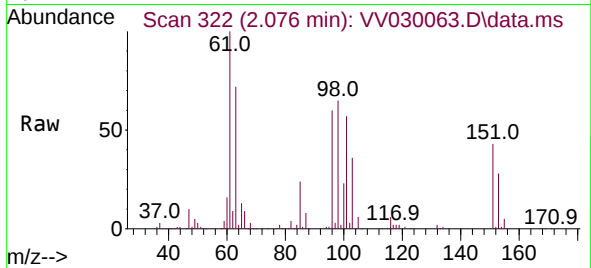




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.756 ug/L
 RT: 2.076 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV030063.D
 Acq: 17 Feb 2023 12:11

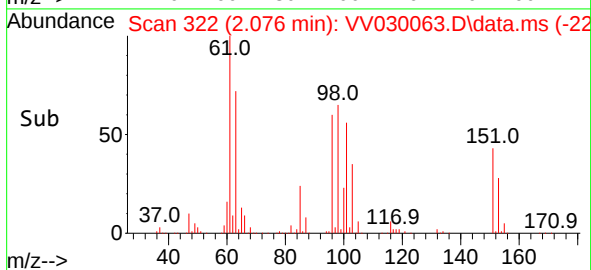
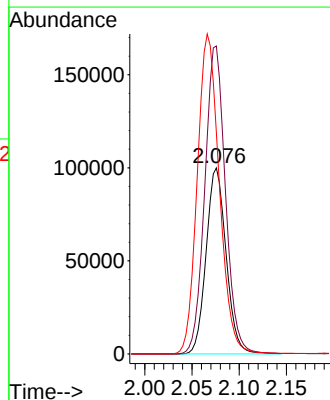
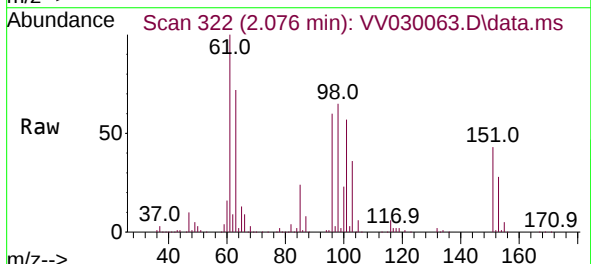
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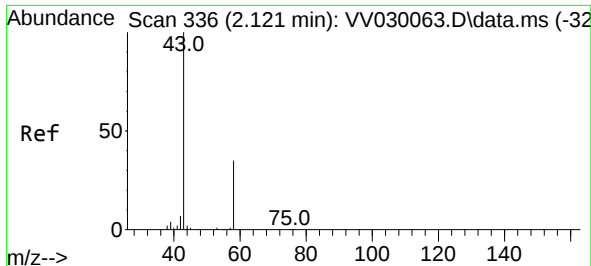
Tgt Ion:101 Resp: 159854
 Ion Ratio Lower Upper
 101 100
 85 41.8 33.4 50.2
 151 76.0 60.8 91.2



#12
 1,1-Dichloroethene
 Concen: 49.784 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. 0.000 min
 Lab File: VV030063.D
 Acq: 17 Feb 2023 12:11

Tgt Ion: 96 Resp: 146833
 Ion Ratio Lower Upper
 96 100
 61 165.5 115.8 215.2
 63 119.1 83.4 154.8





#13

Acetone

Concen: 93.355 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.000 min

Lab File: VV030063.D

Acq: 17 Feb 2023 12:11

Instrument :

MSVOA_V

ClientSampleId :

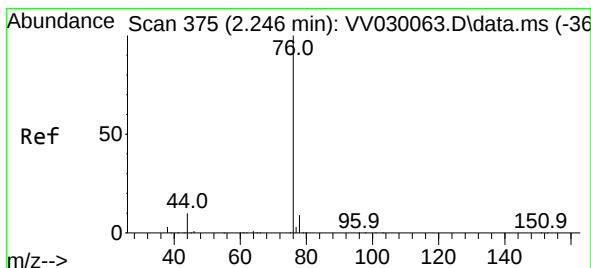
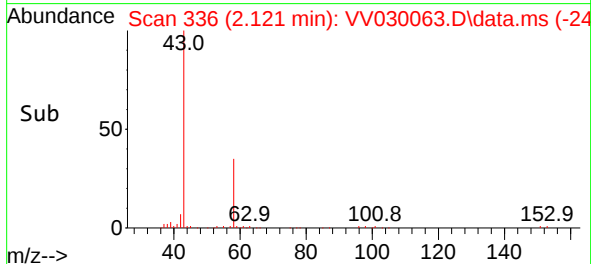
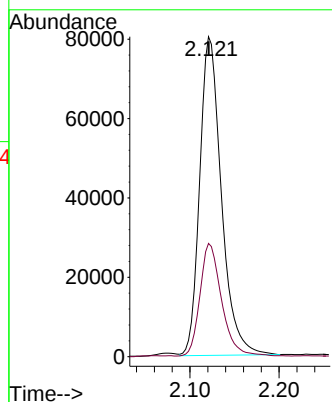
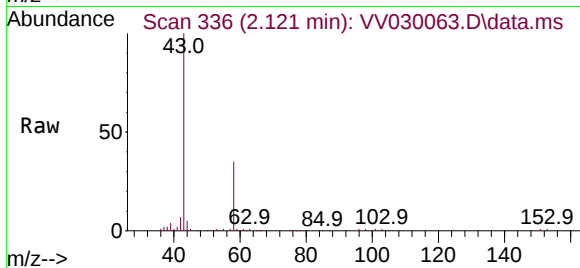
VSTD050210

Tgt Ion: 43 Resp: 135832

Ion Ratio Lower Upper

43 100

58 35.3 0.0 70.6



#14

Carbon disulfide

Concen: 49.127 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.000 min

Lab File: VV030063.D

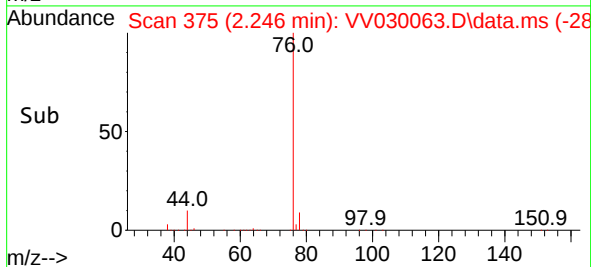
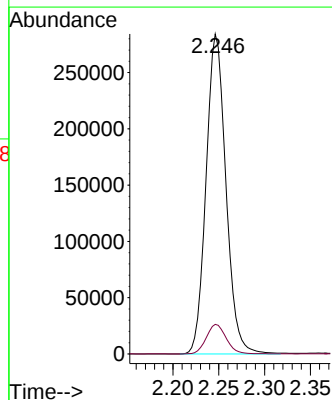
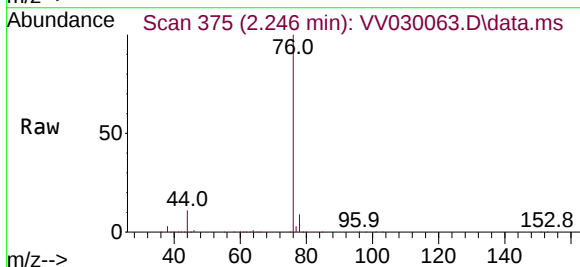
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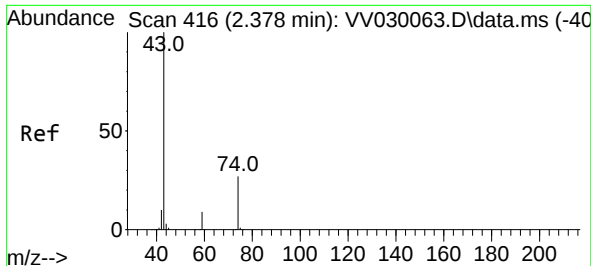
Tgt Ion: 76 Resp: 428461

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

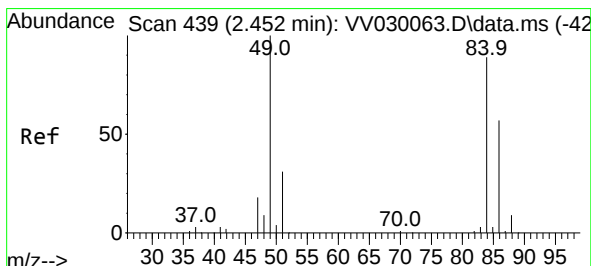
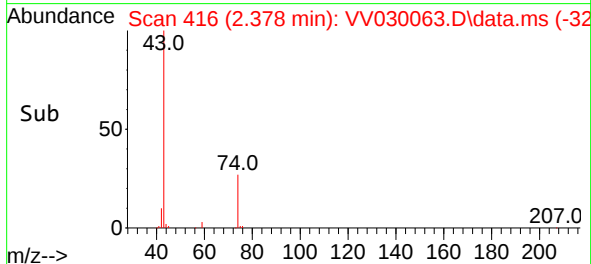
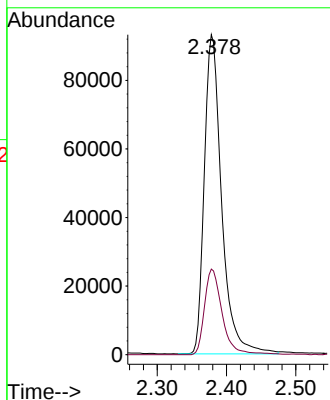
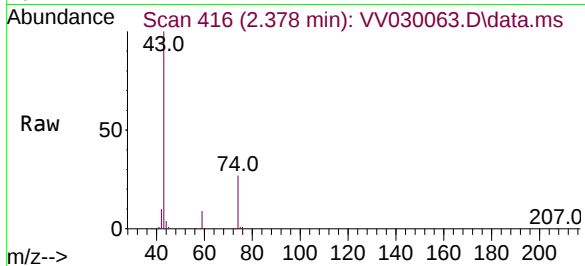




#15
Methyl Acetate
Concen: 53.378 ug/L
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV030063.D
Acq: 17 Feb 2023 12:11

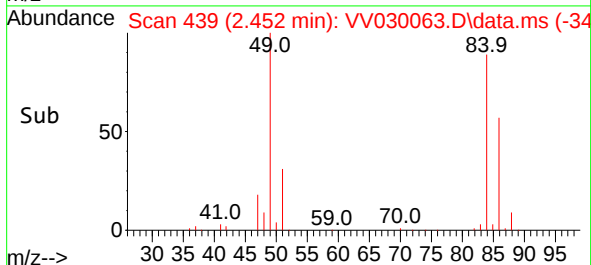
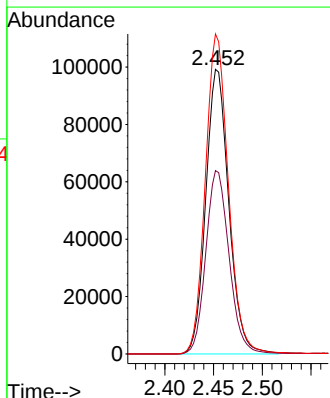
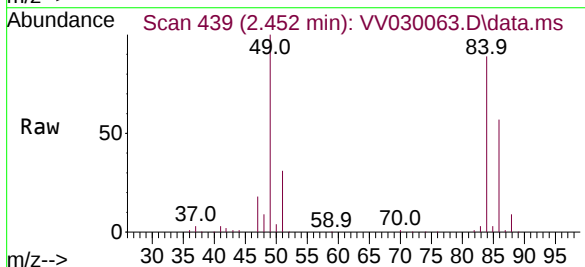
Instrument :
MSVOA_V
ClientSampleId :
VSTD050210

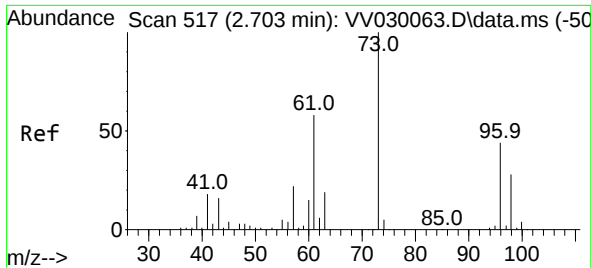
Tgt Ion: 43 Resp: 161493
Ion Ratio Lower Upper
43 100
74 27.4 21.9 32.9



#16
Methylene chloride
Concen: 50.525 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.000 min
Lab File: VV030063.D
Acq: 17 Feb 2023 12:11

Tgt Ion: 84 Resp: 163145
Ion Ratio Lower Upper
84 100
86 64.4 45.1 83.7
49 112.4 78.7 146.1

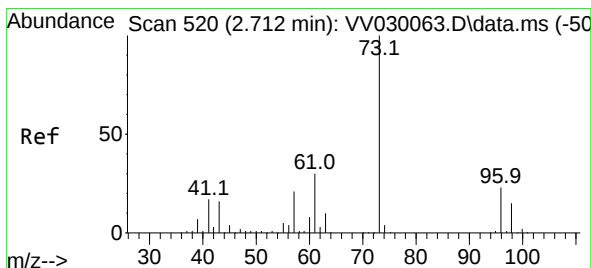
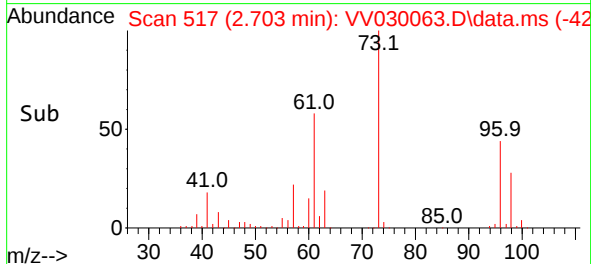
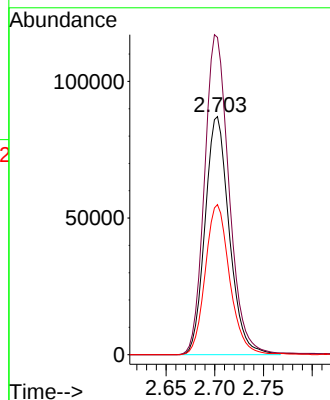
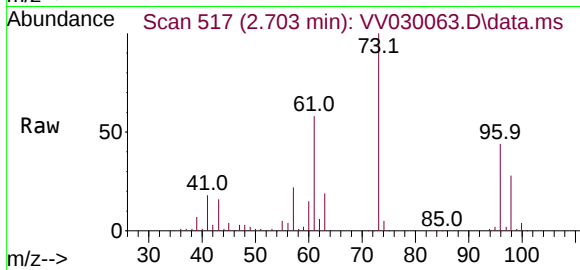




#17
 trans-1,2-Dichloroethene
 Concen: 50.087 ug/L
 RT: 2.703 min Scan# 517
 Delta R.T. 0.000 min
 Lab File: VV030063.D
 Acq: 17 Feb 2023 12:11

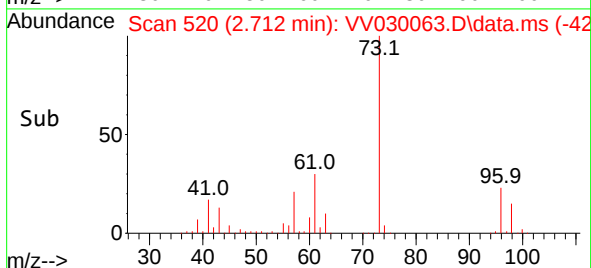
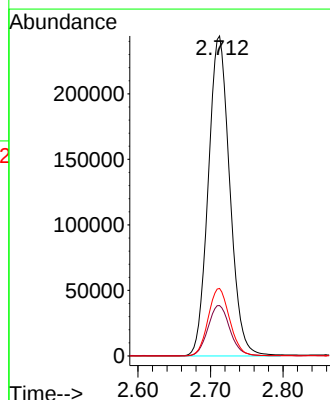
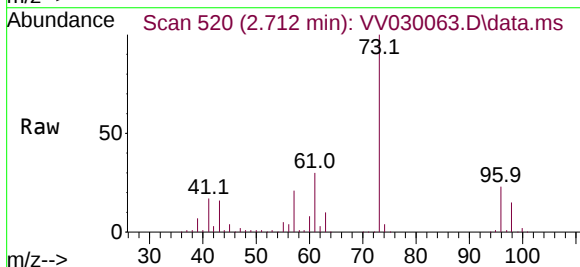
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050210

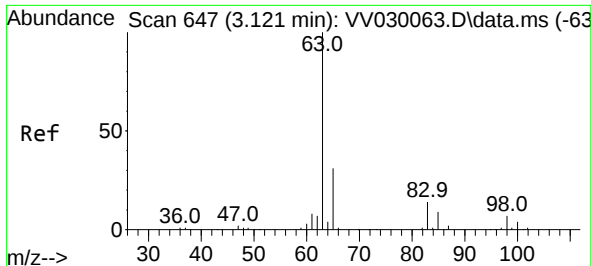
Tgt Ion: 96 Resp: 151014
 Ion Ratio Lower Upper
 96 100
 61 133.3 93.3 173.3
 98 63.0 44.1 81.9



#18
 Methyl tert-butyl Ether
 Concen: 52.358 ug/L
 RT: 2.712 min Scan# 520
 Delta R.T. 0.000 min
 Lab File: VV030063.D
 Acq: 17 Feb 2023 12:11

Tgt Ion: 73 Resp: 502369
 Ion Ratio Lower Upper
 73 100
 43 15.9 12.7 19.1
 57 21.2 17.0 25.4

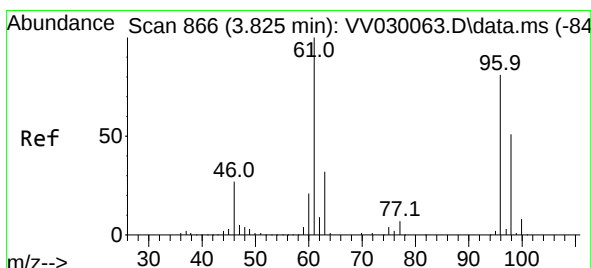
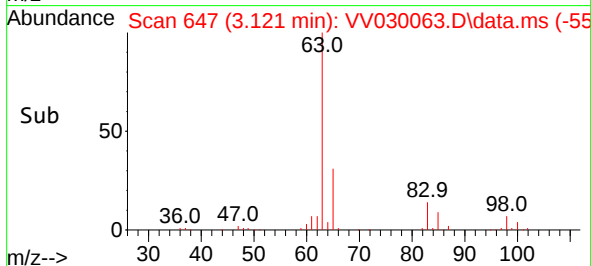
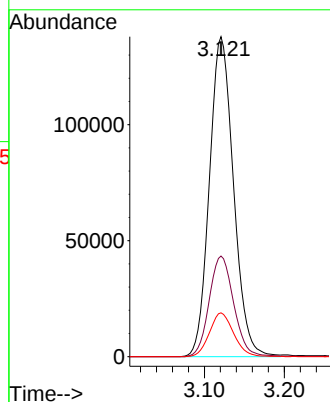
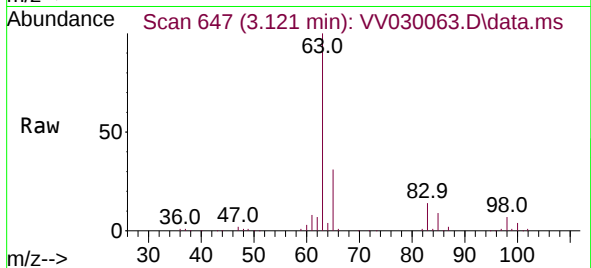




#19
1,1-Dichloroethane
Concen: 51.995 ug/L
RT: 3.121 min Scan# 647
Delta R.T. 0.000 min
Lab File: VV030063.D
Acq: 17 Feb 2023 12:11

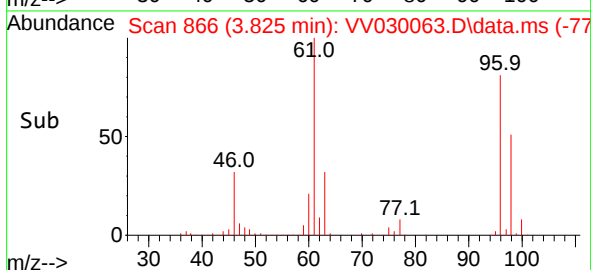
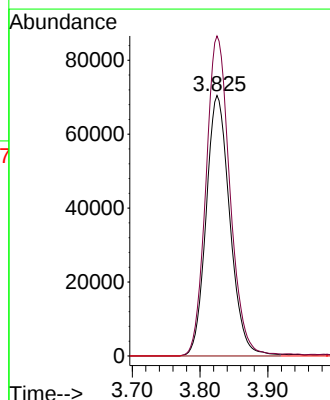
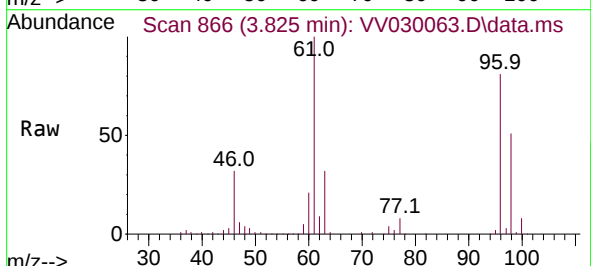
Instrument :
MSVOA_V
ClientSampleId :
VSTD050210

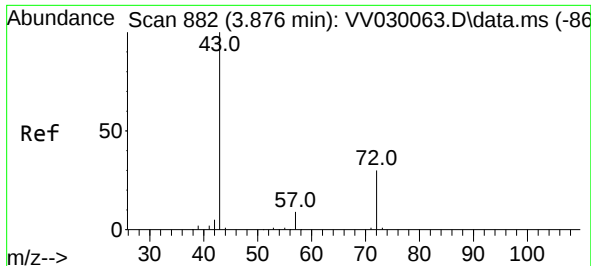
Tgt Ion: 63 Resp: 288937
Ion Ratio Lower Upper
63 100
65 31.5 22.0 41.0
83 13.7 9.6 17.8



#20
cis-1,2-Dichloroethene
Concen: 51.400 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.000 min
Lab File: VV030063.D
Acq: 17 Feb 2023 12:11

Tgt Ion: 96 Resp: 171385
Ion Ratio Lower Upper
96 100
61 122.8 86.0 159.6
68 0.0 0.0 0.0

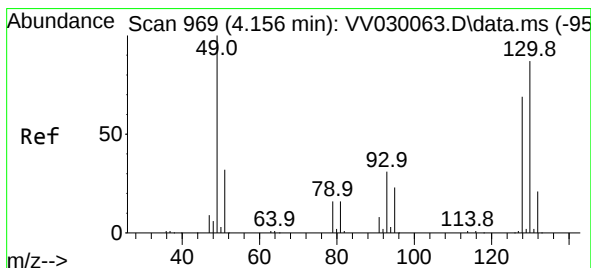
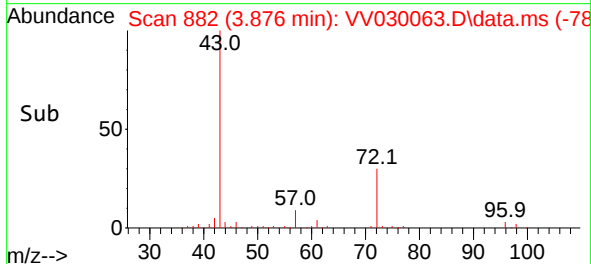
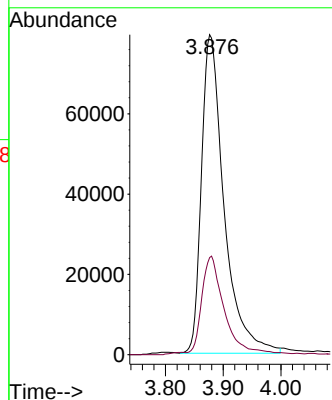
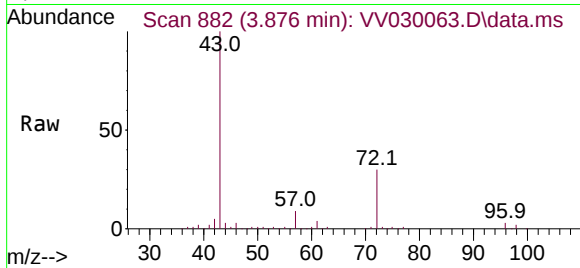




#22
2-Butanone
Concen: 108.503 ug/L
RT: 3.876 min Scan# 882
Delta R.T. 0.000 min
Lab File: VV030063.D
Acq: 17 Feb 2023 12:11

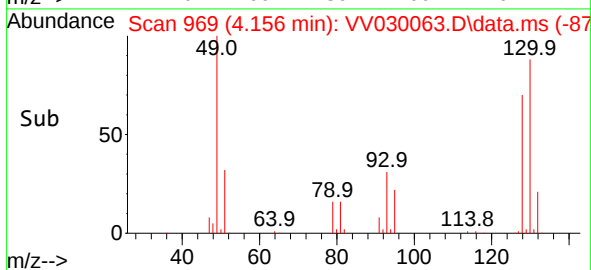
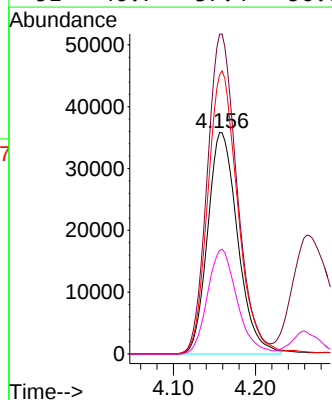
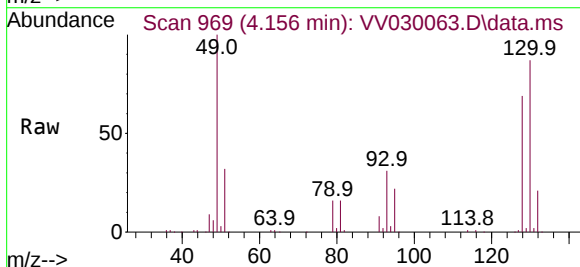
Instrument :
MSVOA_V
ClientSampleId :
VSTD050210

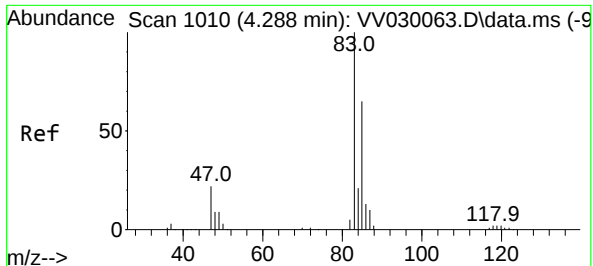
Tgt Ion: 43 Resp: 215733
Ion Ratio Lower Upper
43 100
72 29.4 14.7 44.1



#23
Bromochloromethane
Concen: 51.237 ug/L
RT: 4.156 min Scan# 969
Delta R.T. 0.000 min
Lab File: VV030063.D
Acq: 17 Feb 2023 12:11

Tgt Ion:128 Resp: 91087
Ion Ratio Lower Upper
128 100
49 144.3 101.0 187.6
130 126.0 88.2 163.8
51 46.7 37.4 56.0





#25

Chloroform

Concen: 51.768 ug/L

RT: 4.288 min Scan# 1010

Delta R.T. 0.000 min

Lab File: VV030063.D

Acq: 17 Feb 2023 12:11

Instrument :

MSVOA_V

ClientSampleId :

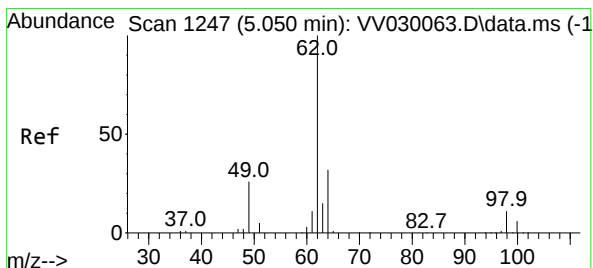
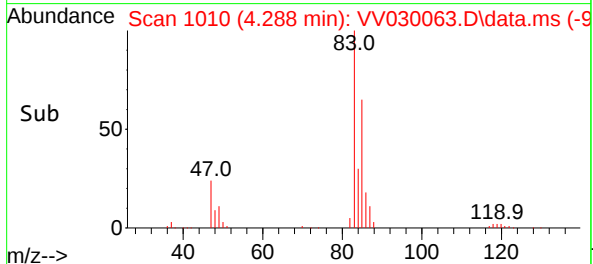
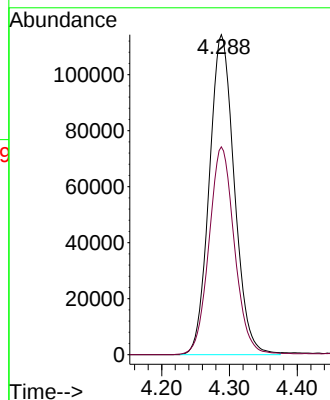
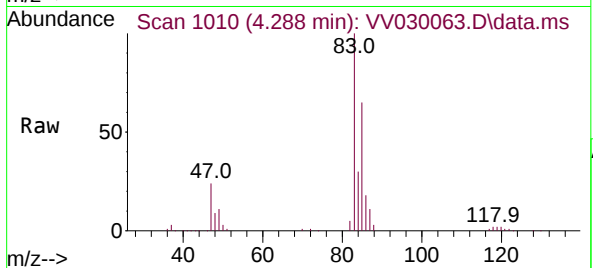
VSTD050210

Tgt Ion: 83 Resp: 293275

Ion Ratio Lower Upper

83 100

85 64.9 45.4 84.4



#27

1,2-Dichloroethane

Concen: 51.639 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.000 min

Lab File: VV030063.D

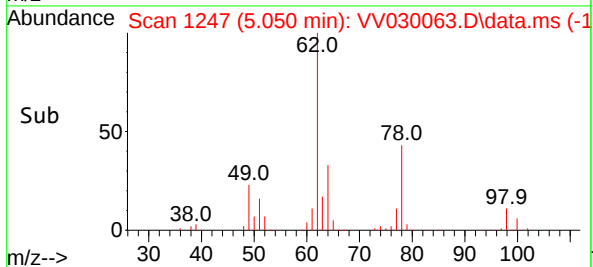
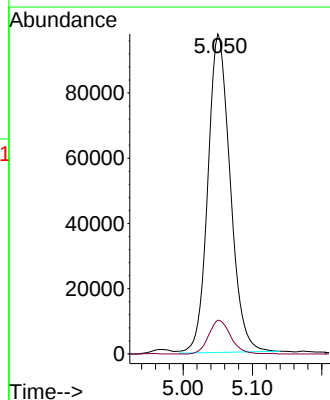
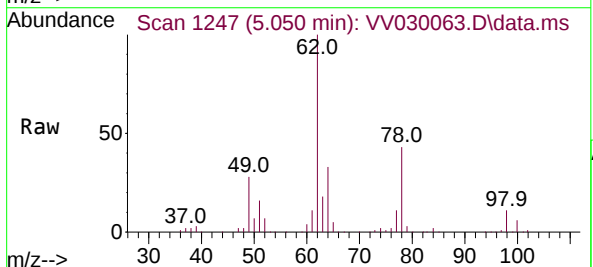
Acq: 17 Feb 2023 12:11

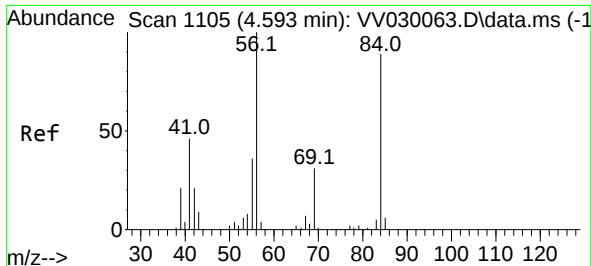
Tgt Ion: 62 Resp: 218494

Ion Ratio Lower Upper

62 100

98 10.6 8.5 12.7





#29

Cyclohexane

Concen: 50.981 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VV030063.D

Acq: 17 Feb 2023 12:11

Instrument :

MSVOA_V

ClientSampleId :

VSTD050210

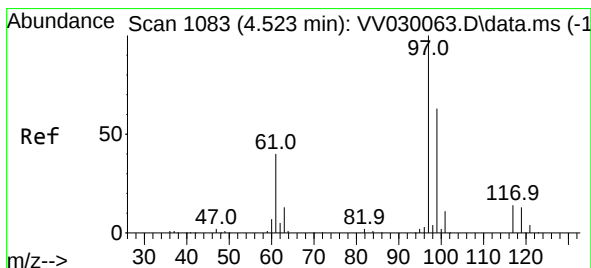
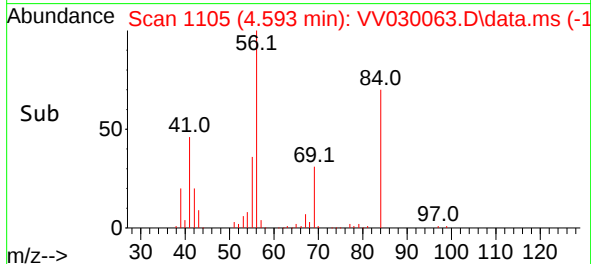
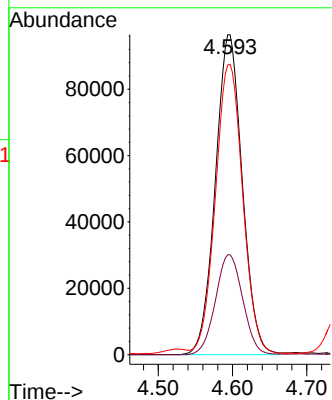
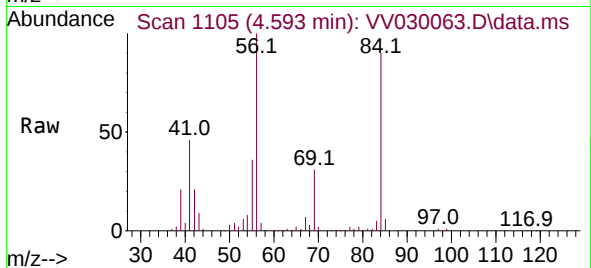
Tgt Ion: 56 Resp: 243110

Ion Ratio Lower Upper

56 100

69 31.6 25.3 37.9

84 91.2 73.0 109.4



#30

1,1,1-Trichloroethane

Concen: 51.940 ug/L

RT: 4.523 min Scan# 1083

Delta R.T. 0.000 min

Lab File: VV030063.D

Acq: 17 Feb 2023 12:11

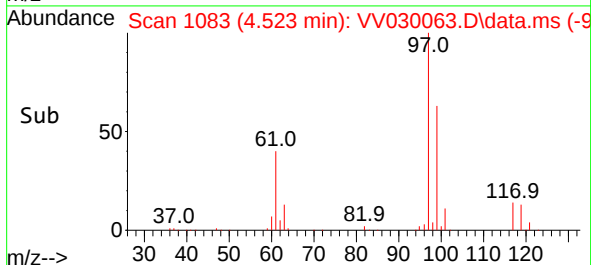
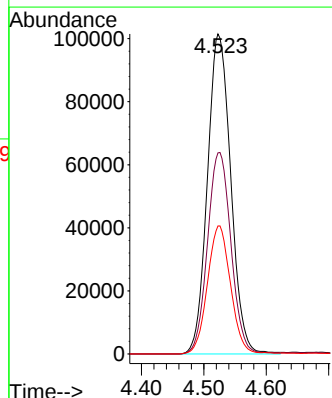
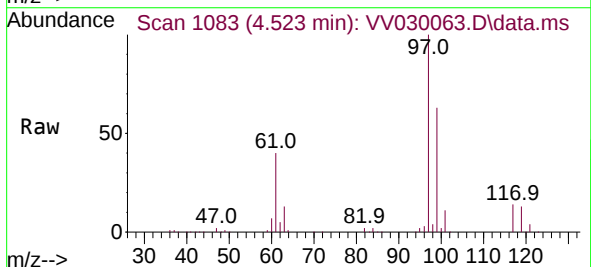
Tgt Ion: 97 Resp: 264045

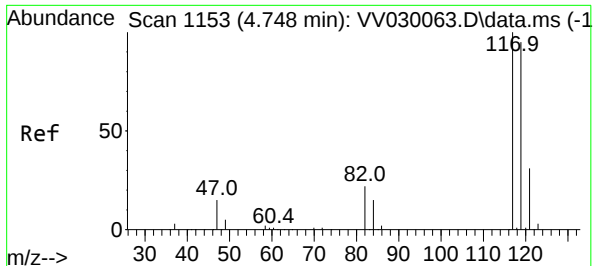
Ion Ratio Lower Upper

97 100

99 63.4 50.7 76.1

61 39.5 31.6 47.4

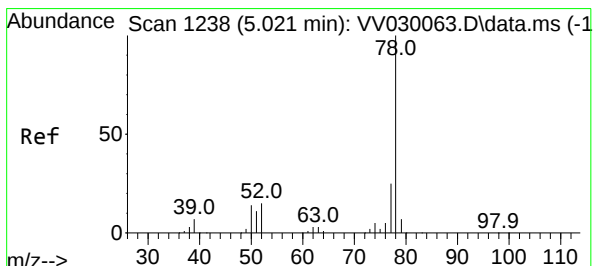
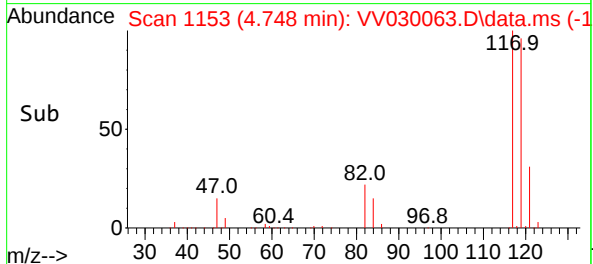
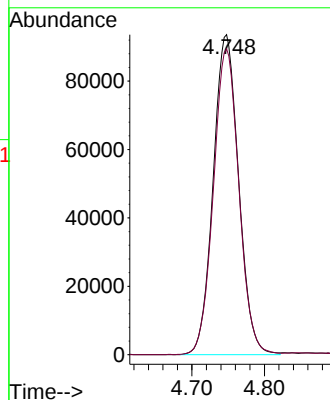
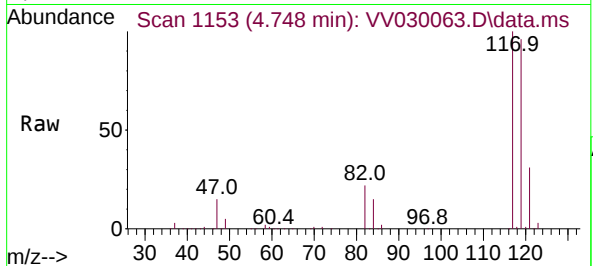




#31
Carbon tetrachloride
Concen: 51.080 ug/L
RT: 4.748 min Scan# 1153
Delta R.T. 0.000 min
Lab File: VV030063.D
Acq: 17 Feb 2023 12:11

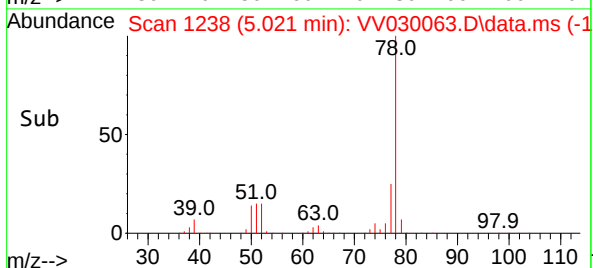
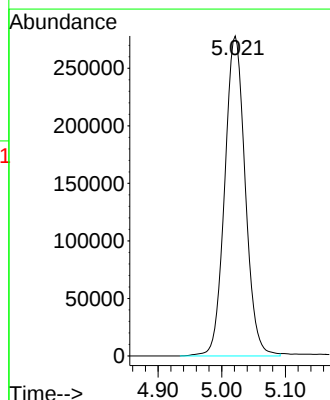
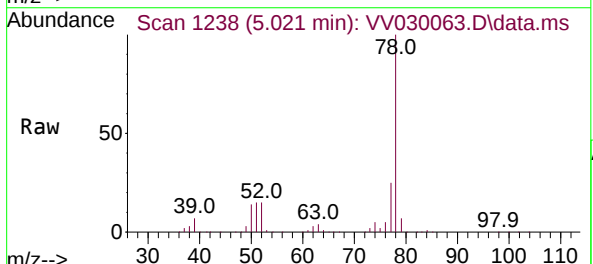
Instrument :
MSVOA_V
ClientSampleId :
VSTD050210

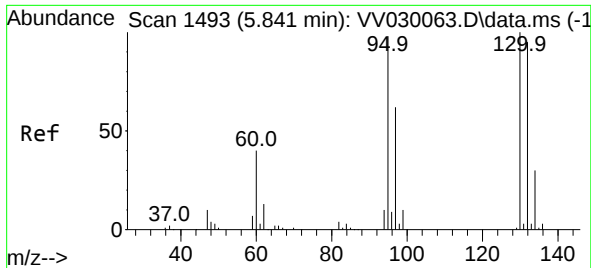
Tgt Ion:117 Resp: 227965
Ion Ratio Lower Upper
117 100
119 96.0 76.8 115.2



#33
Benzene
Concen: 51.592 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VV030063.D
Acq: 17 Feb 2023 12:11

Tgt Ion: 78 Resp: 622910



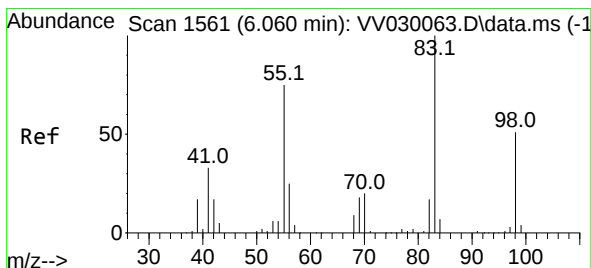
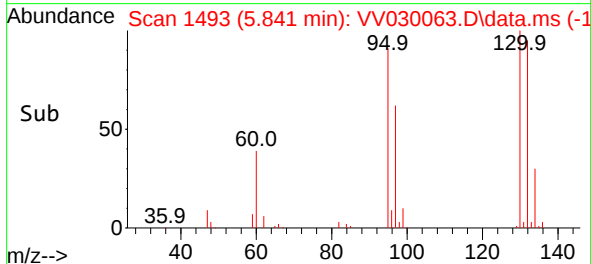
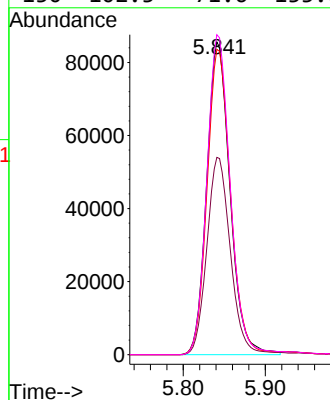
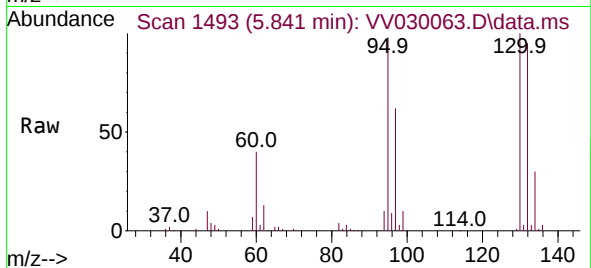


#34
 Trichloroethene
 Concen: 51.482 ug/L
 RT: 5.841 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VV030063.D
 Acq: 17 Feb 2023 12:11

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050210

Tgt Ion: 95 Resp: 169180

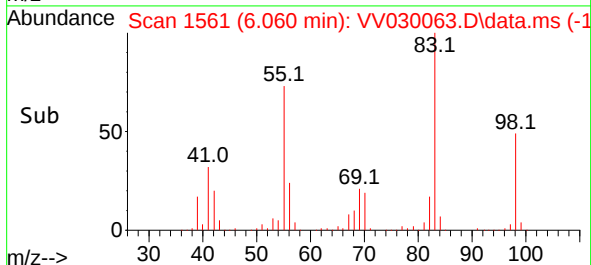
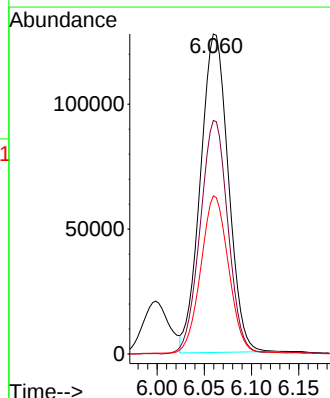
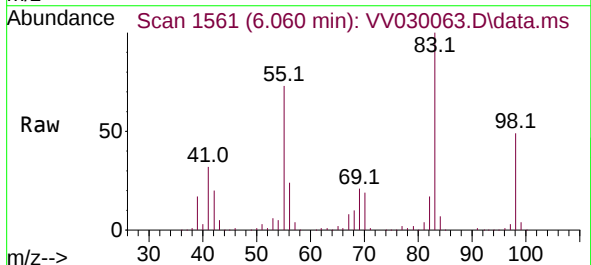
Ion	Ratio	Lower	Upper
95	100		
97	63.0	44.1	81.9
132	97.6	68.3	126.9
130	102.3	71.6	133.0

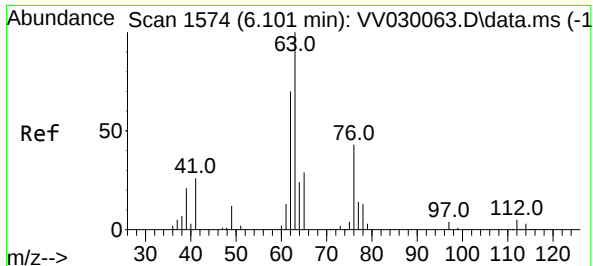


#35
 Methylcyclohexane
 Concen: 50.311 ug/L
 RT: 6.060 min Scan# 1561
 Delta R.T. 0.000 min
 Lab File: VV030063.D
 Acq: 17 Feb 2023 12:11

Tgt Ion: 83 Resp: 262459

Ion	Ratio	Lower	Upper
83	100		
55	73.0	58.4	87.6
98	49.8	39.8	59.8





#37

1,2-Dichloropropane

Concen: 53.163 ug/L

RT: 6.101 min Scan# 1574

Delta R.T. 0.000 min

Lab File: VV030063.D

Acq: 17 Feb 2023 12:11

Instrument :

MSVOA_V

ClientSampleId :

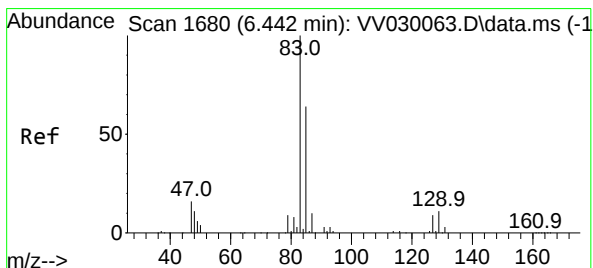
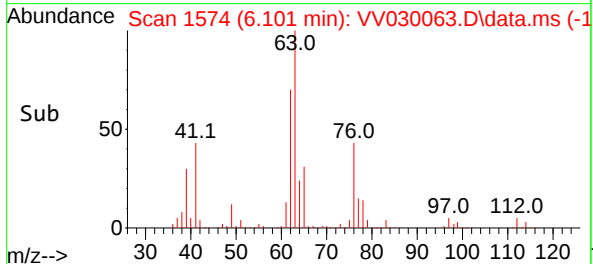
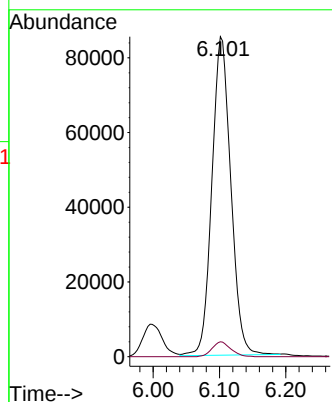
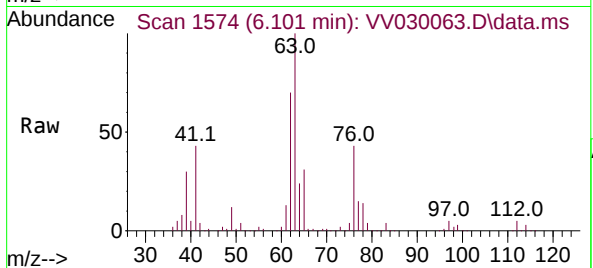
VSTD050210

Tgt Ion: 63 Resp: 169043

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 53.669 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.000 min

Lab File: VV030063.D

Acq: 17 Feb 2023 12:11

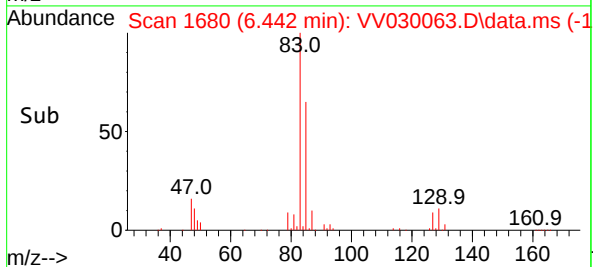
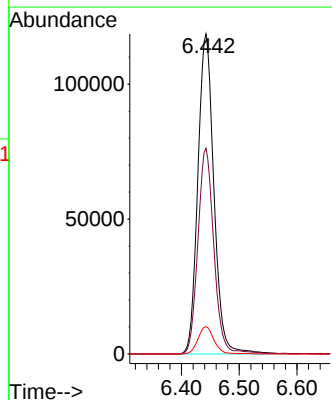
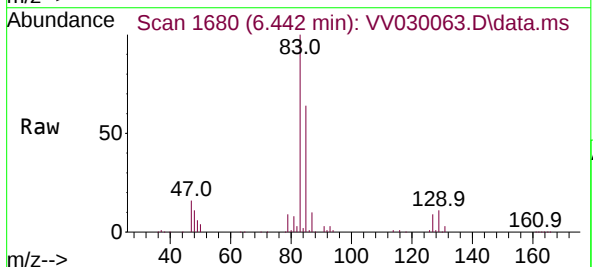
Tgt Ion: 83 Resp: 229211

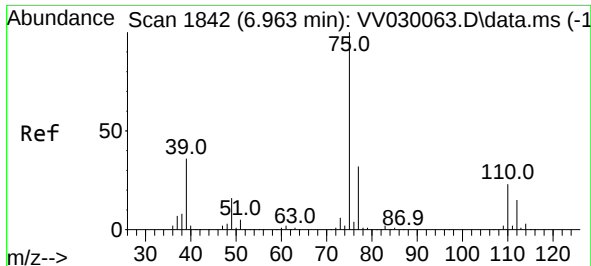
Ion Ratio Lower Upper

83 100

85 64.2 44.9 83.5

127 8.5 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 53.054 ug/L

RT: 6.963 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VV030063.D

Acq: 17 Feb 2023 12:11

Instrument :

MSVOA_V

ClientSampleId :

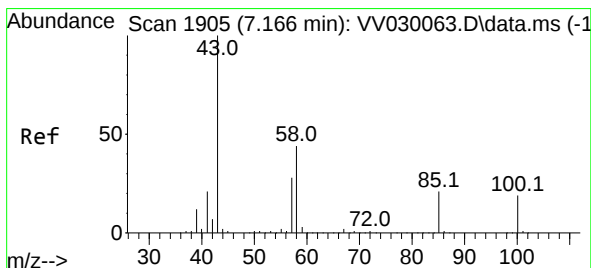
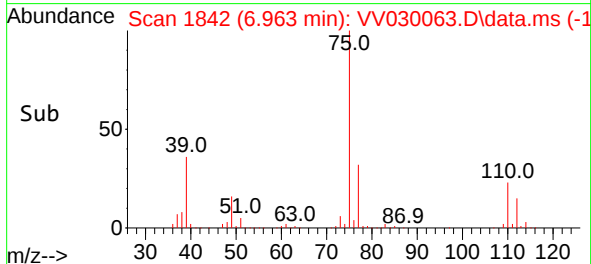
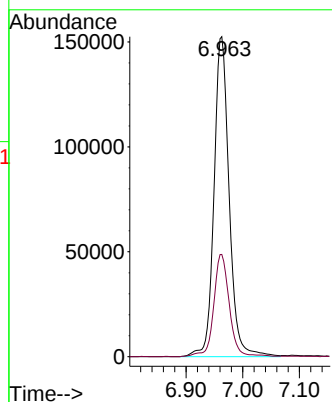
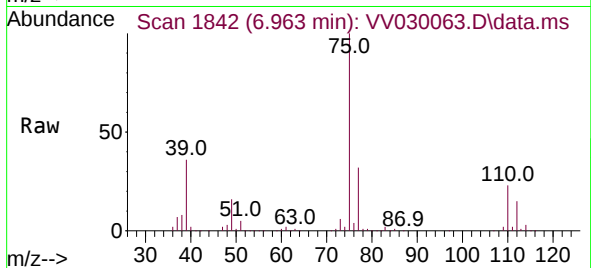
VSTD050210

Tgt Ion: 75 Resp: 283579

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 114.452 ug/L

RT: 7.166 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VV030063.D

Acq: 17 Feb 2023 12:11

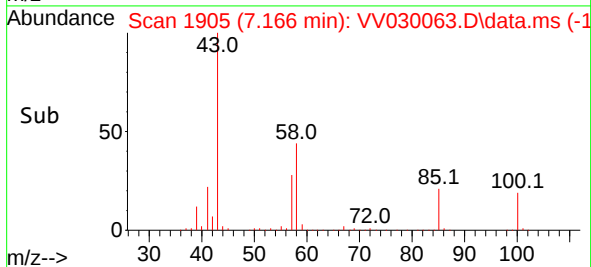
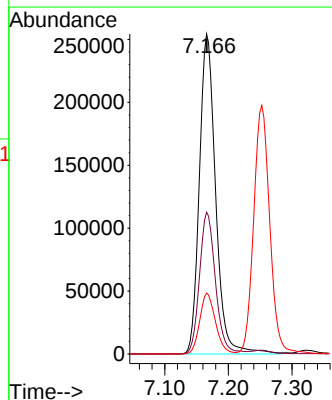
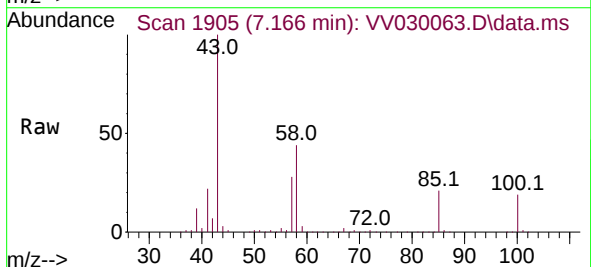
Tgt Ion: 43 Resp: 452431

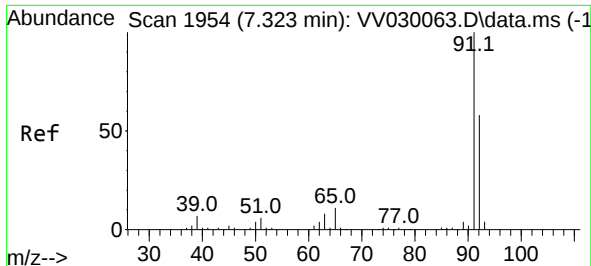
Ion Ratio Lower Upper

43 100

58 43.5 34.8 52.2

100 18.3 14.6 22.0





#42

Toluene

Concen: 53.018 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VV030063.D

Acq: 17 Feb 2023 12:11

Instrument :

MSVOA_V

ClientSampleId :

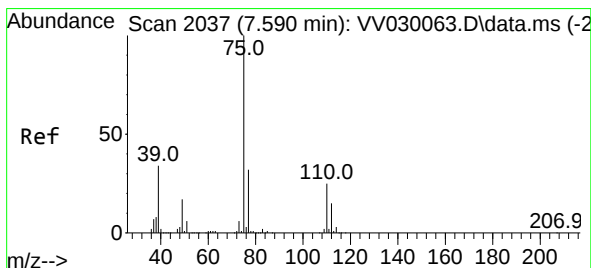
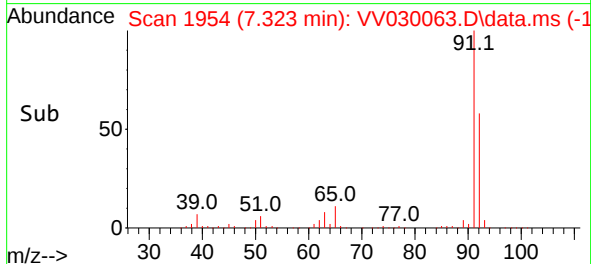
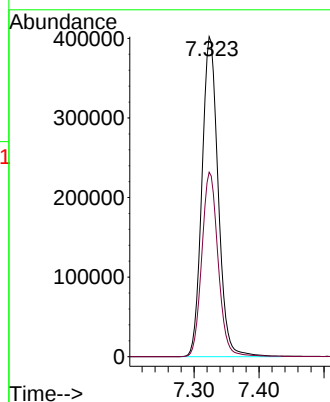
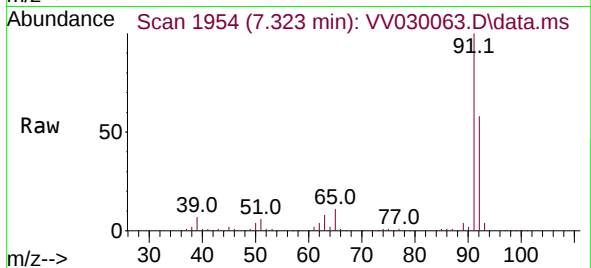
VSTD050210

Tgt Ion: 91 Resp: 700472

Ion Ratio Lower Upper

91 100

92 57.6 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 53.747 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.000 min

Lab File: VV030063.D

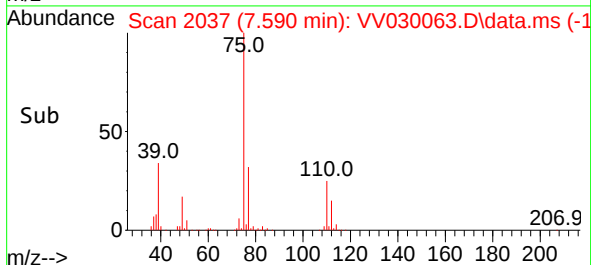
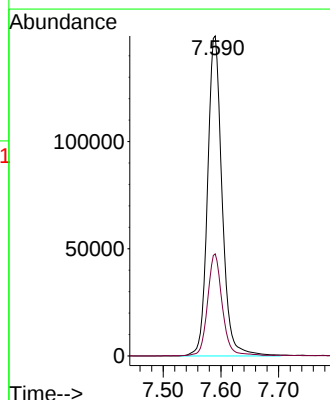
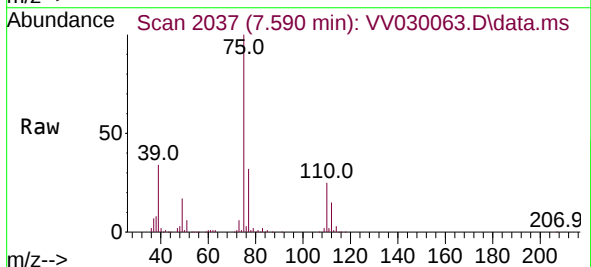
Acq: 17 Feb 2023 12:11

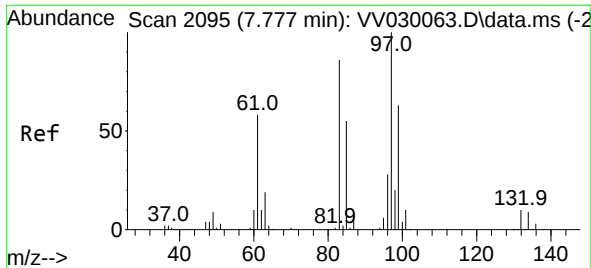
Tgt Ion: 75 Resp: 261269

Ion Ratio Lower Upper

75 100

77 31.9 22.3 41.5

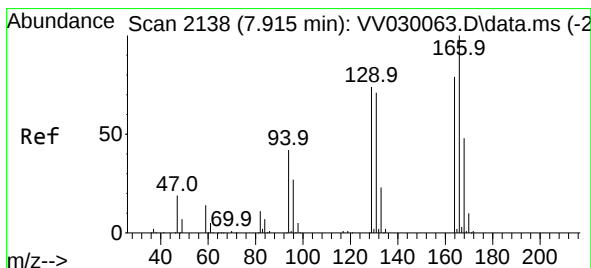
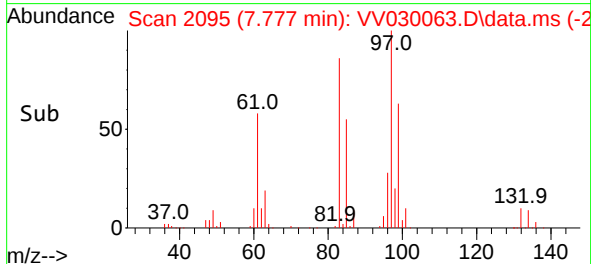
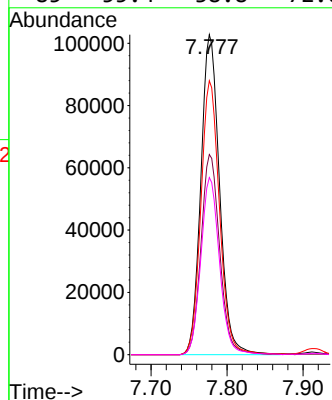
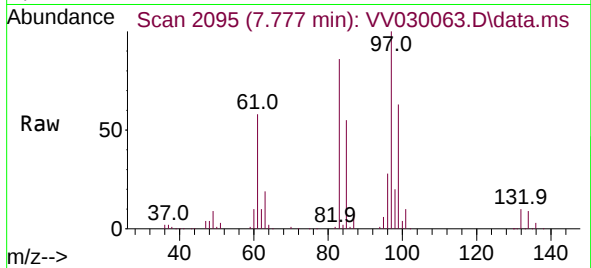




#45
1,1,2-Trichloroethane
Concen: 53.275 ug/L
RT: 7.777 min Scan# 2095
Delta R.T. 0.000 min
Lab File: VV030063.D
Acq: 17 Feb 2023 12:11

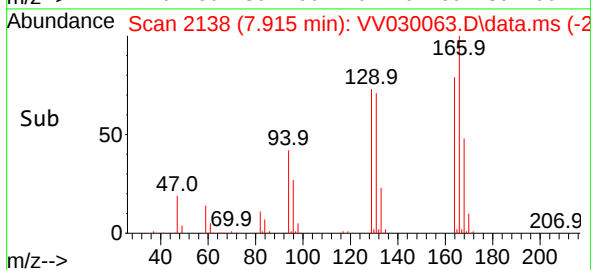
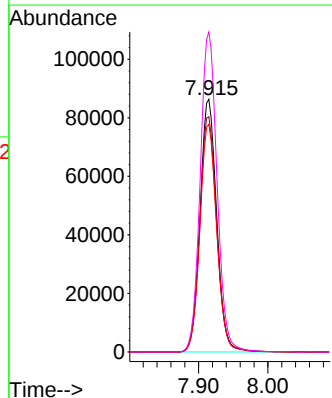
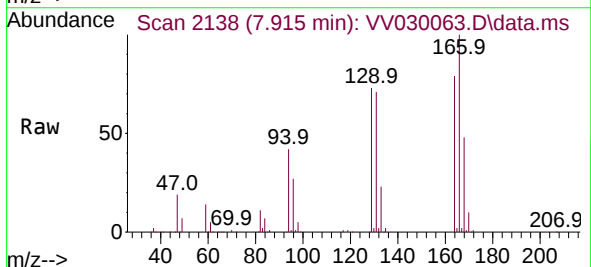
Instrument :
MSVOA_V
ClientSampleId :
VSTD050210

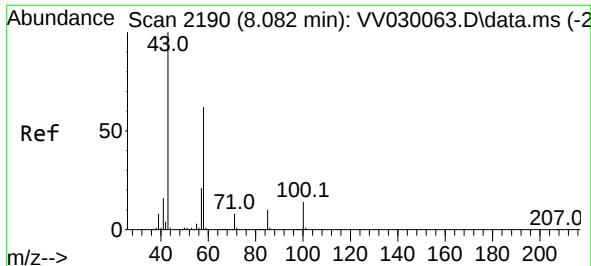
Tgt Ion:	97	Resp:	175816
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.8	81.4
83	85.6	59.9	111.3
85	55.4	38.8	72.0



#46
Tetrachloroethene
Concen: 52.220 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VV030063.D
Acq: 17 Feb 2023 12:11

Tgt Ion:	164	Resp:	144267
Ion	Ratio	Lower	Upper
164	100		
129	93.1	65.2	121.0
131	90.2	63.1	117.3
166	126.7	88.7	164.7

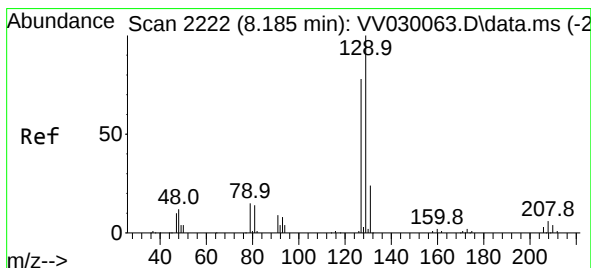
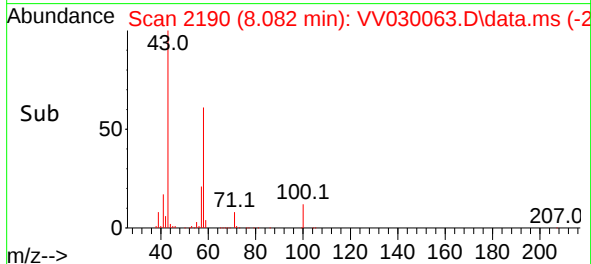
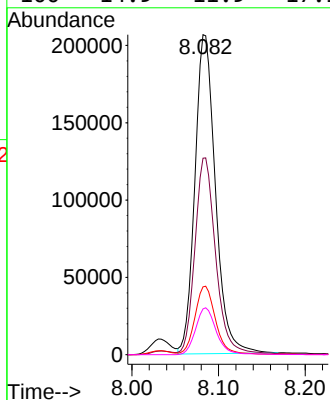
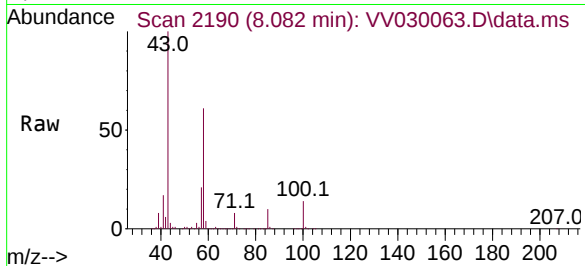




#48
2-Hexanone
Concen: 113.521 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. 0.000 min
Lab File: VV030063.D
Acq: 17 Feb 2023 12:11

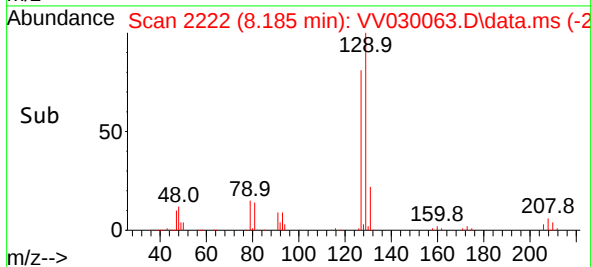
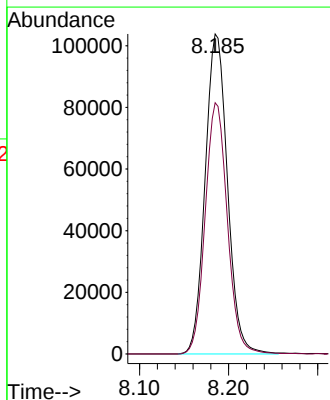
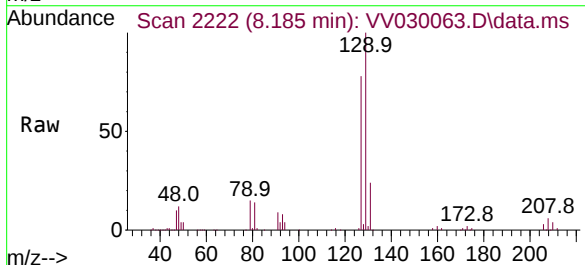
Instrument :
MSVOA_V
ClientSampleId :
VSTD050210

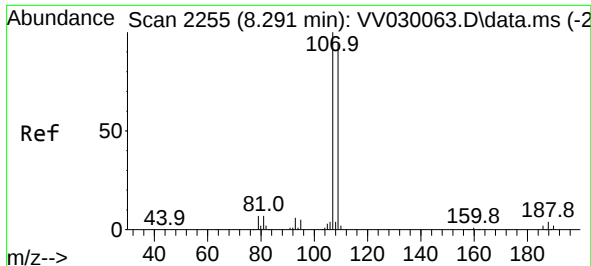
Tgt Ion: 43 Resp: 340555
Ion Ratio Lower Upper
43 100
58 62.4 49.9 74.9
57 21.7 17.4 26.0
100 14.9 11.9 17.9



#49
Dibromochloromethane
Concen: 52.820 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. 0.000 min
Lab File: VV030063.D
Acq: 17 Feb 2023 12:11

Tgt Ion: 129 Resp: 180805
Ion Ratio Lower Upper
129 100
127 78.5 54.9 102.1

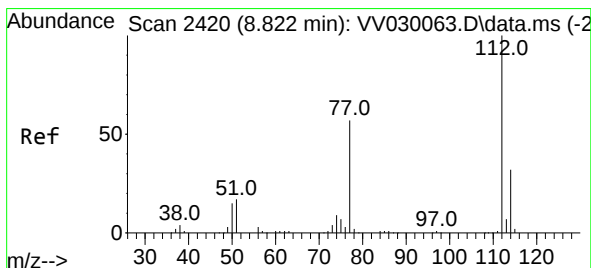
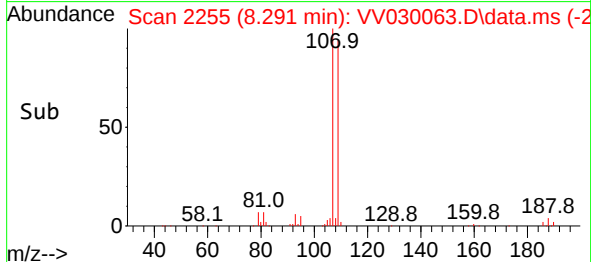
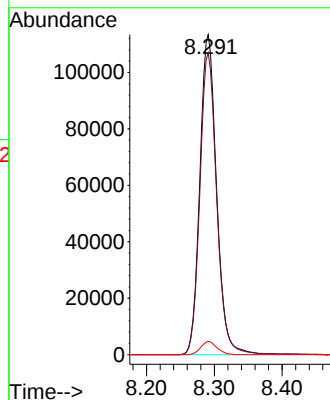
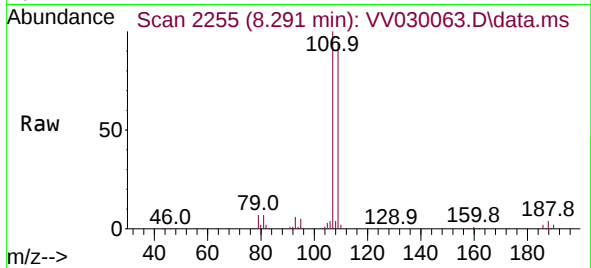




#50
1,2-Dibromoethane
Concen: 53.751 ug/L
RT: 8.291 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV030063.D
Acq: 17 Feb 2023 12:11

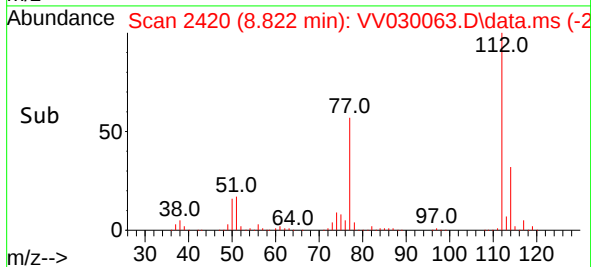
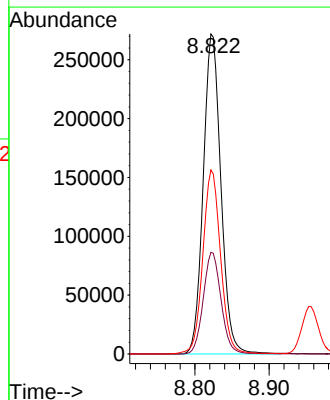
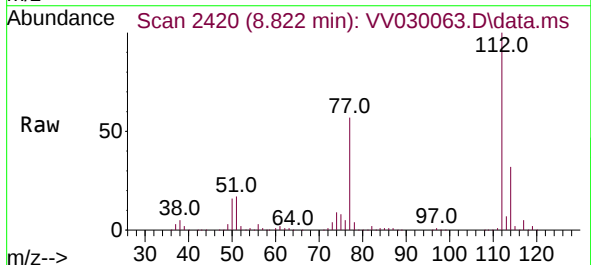
Instrument :
MSVOA_V
ClientSampleId :
VSTD050210

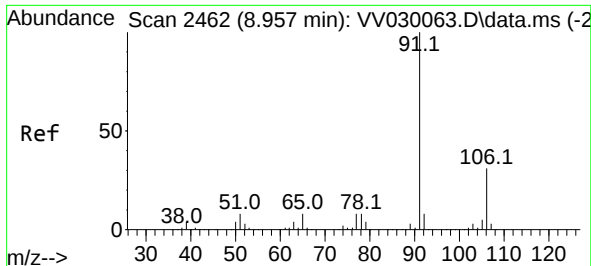
Tgt Ion:107 Resp: 194606
Ion Ratio Lower Upper
107 100
109 94.3 66.0 122.6
188 4.2 3.4 5.0



#51
Chlorobenzene
Concen: 51.032 ug/L
RT: 8.822 min Scan# 2420
Delta R.T. 0.000 min
Lab File: VV030063.D
Acq: 17 Feb 2023 12:11

Tgt Ion:112 Resp: 449329
Ion Ratio Lower Upper
112 100
114 31.8 22.3 41.3
77 57.5 46.0 69.0

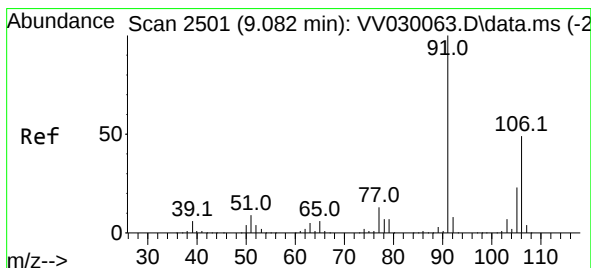
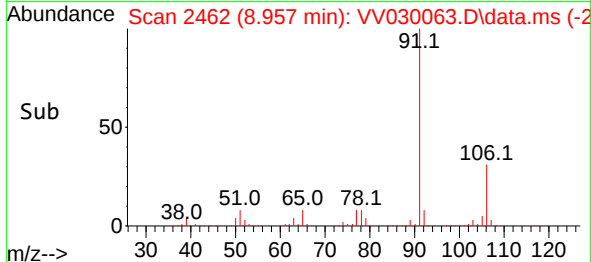
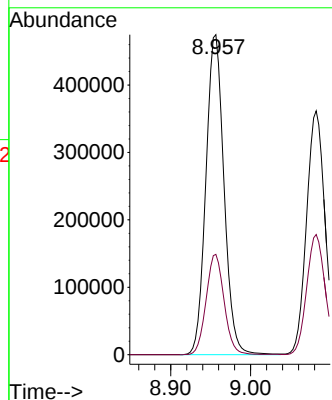
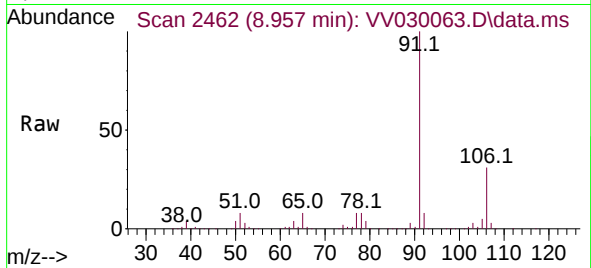




#52
Ethylbenzene
Concen: 51.194 ug/L
RT: 8.957 min Scan# 2462
Delta R.T. 0.000 min
Lab File: VV030063.D
Acq: 17 Feb 2023 12:11

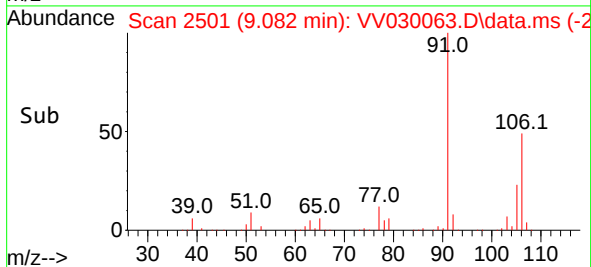
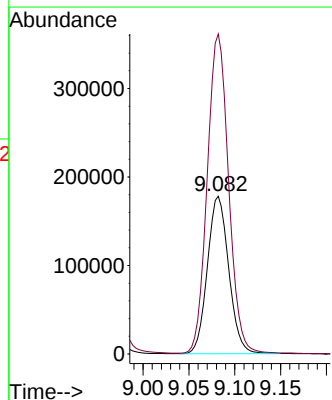
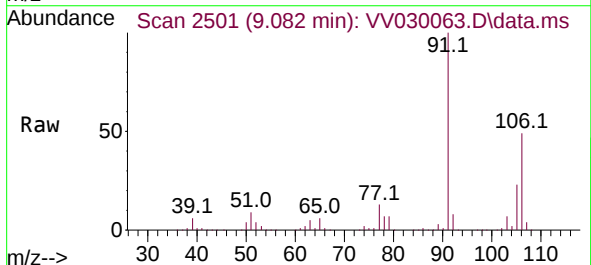
Instrument :
MSVOA_V
ClientSampleId :
VSTD050210

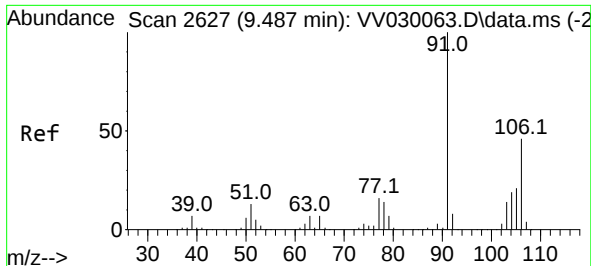
Tgt Ion: 91 Resp: 748885
Ion Ratio Lower Upper
91 100
106 31.4 22.0 40.8



#53
m,p-Xylene
Concen: 51.567 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.000 min
Lab File: VV030063.D
Acq: 17 Feb 2023 12:11

Tgt Ion: 106 Resp: 288204
Ion Ratio Lower Upper
106 100
91 202.9 142.0 263.8

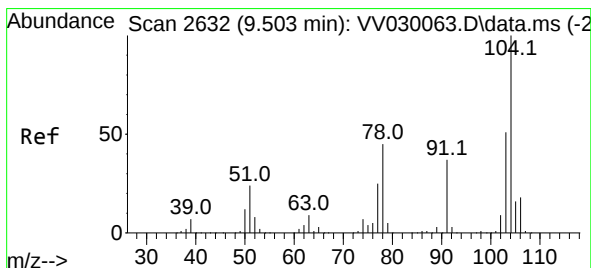
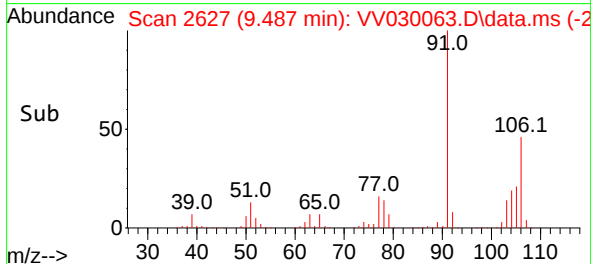
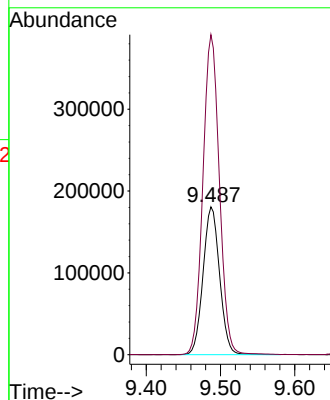
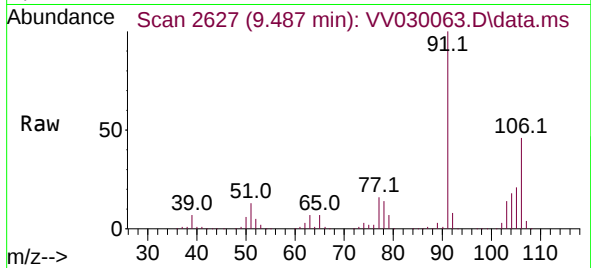




#54
o-Xylene
Concen: 51.866 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV030063.D
Acq: 17 Feb 2023 12:11

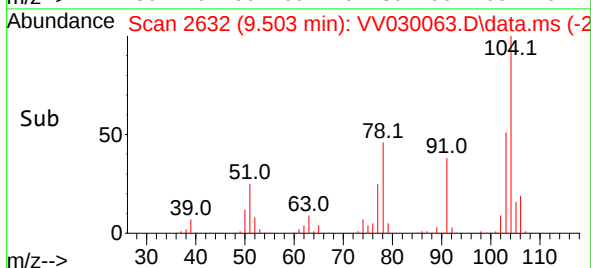
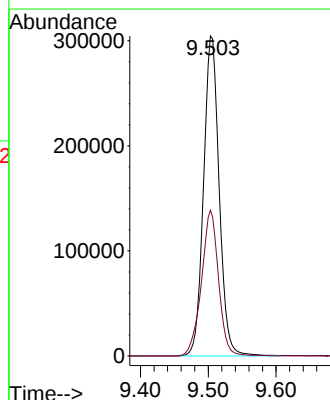
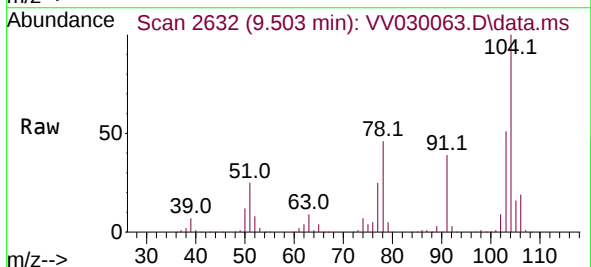
Instrument :
MSVOA_V
ClientSampleId :
VSTD050210

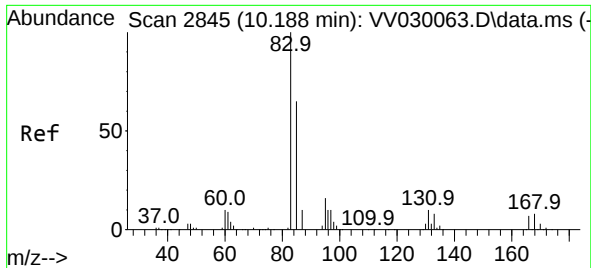
Tgt Ion:106 Resp: 279357
Ion Ratio Lower Upper
106 100
91 216.4 151.5 281.3



#55
Styrene
Concen: 53.037 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.000 min
Lab File: VV030063.D
Acq: 17 Feb 2023 12:11

Tgt Ion:104 Resp: 488005
Ion Ratio Lower Upper
104 100
78 45.5 31.9 59.2

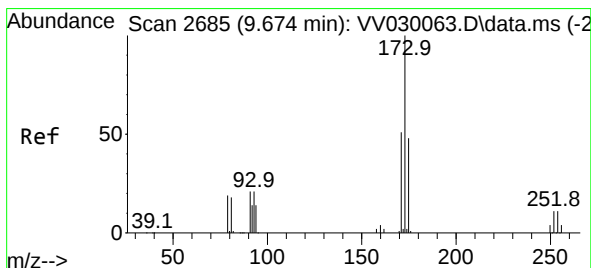
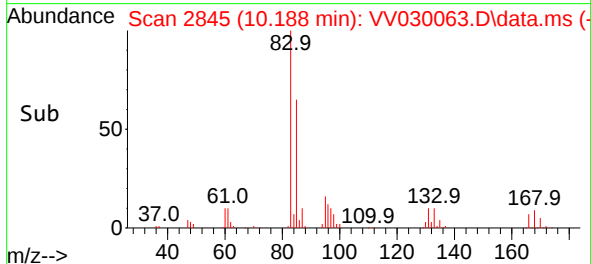
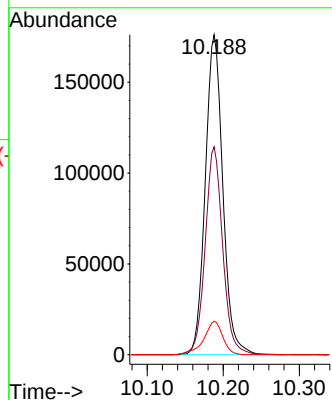
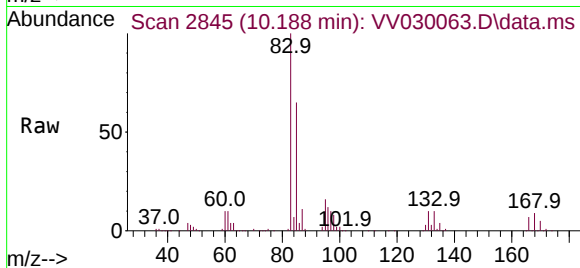




#57
1,1,2,2-Tetrachloroethane
Concen: 52.261 ug/L
RT: 10.188 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VV030063.D
Acq: 17 Feb 2023 12:11

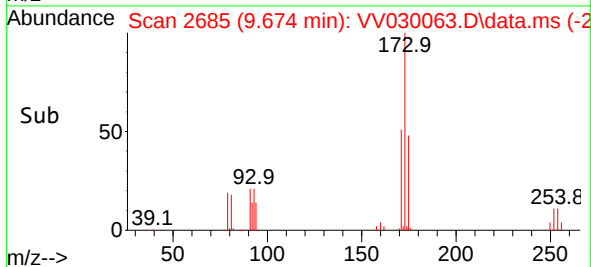
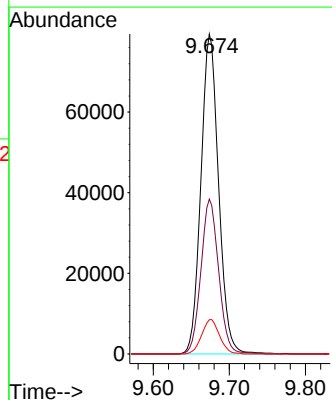
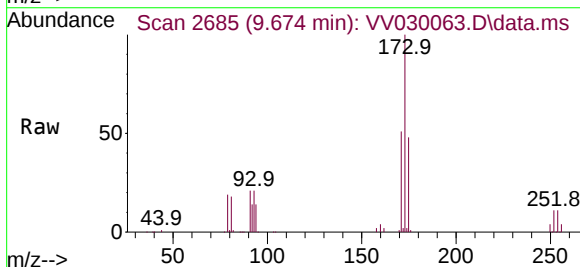
Instrument :
MSVOA_V
ClientSampleId :
VSTD050210

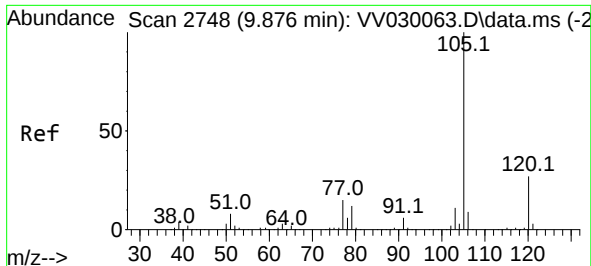
Tgt Ion: 83 Resp: 281938
Ion Ratio Lower Upper
83 100
85 65.0 45.5 84.5
131 10.4 8.3 12.5



#59
Bromoform
Concen: 52.050 ug/L
RT: 9.674 min Scan# 2685
Delta R.T. 0.000 min
Lab File: VV030063.D
Acq: 17 Feb 2023 12:11

Tgt Ion: 173 Resp: 128086
Ion Ratio Lower Upper
173 100
175 48.4 38.7 58.1
254 10.9 8.7 13.1

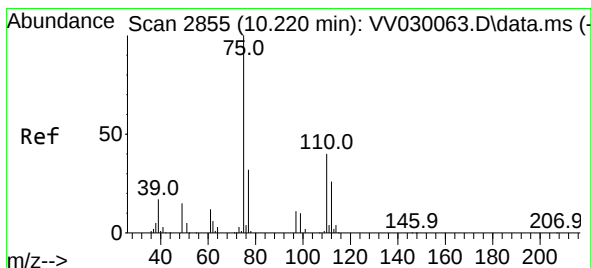
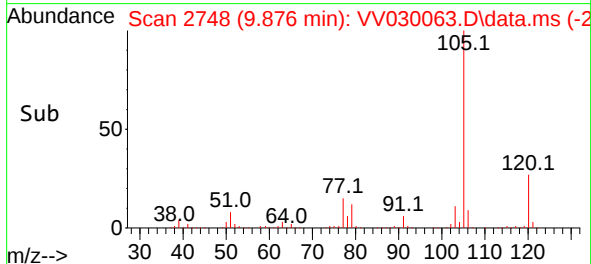
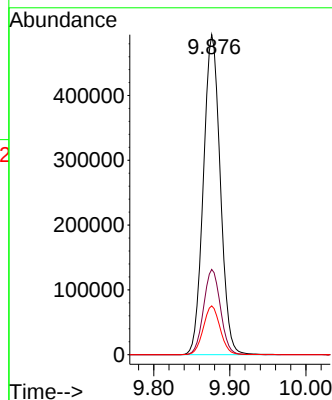
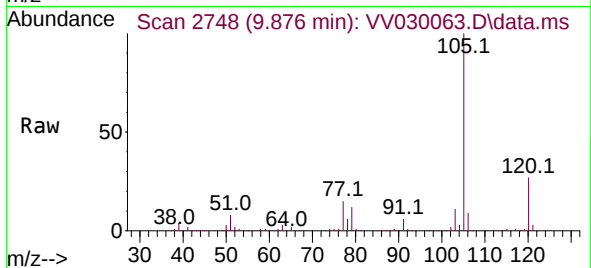




#60
Isopropylbenzene
Concen: 51.604 ug/L
RT: 9.876 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV030063.D
Acq: 17 Feb 2023 12:11

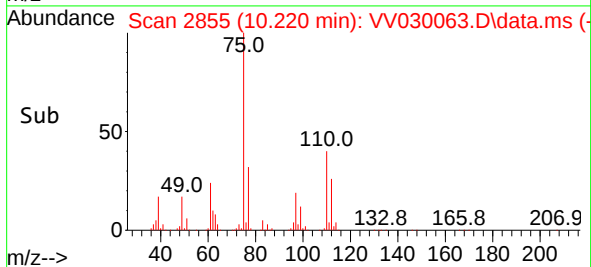
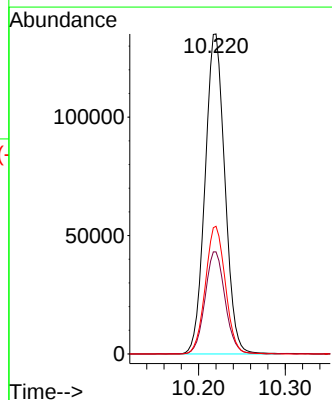
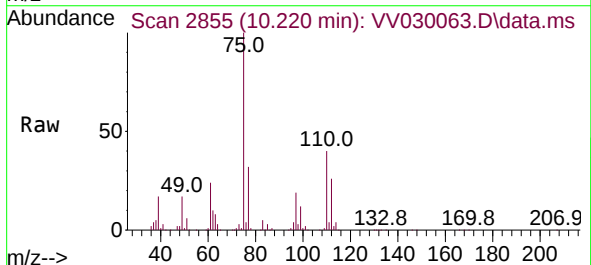
Instrument :
MSVOA_V
ClientSampleId :
VSTD050210

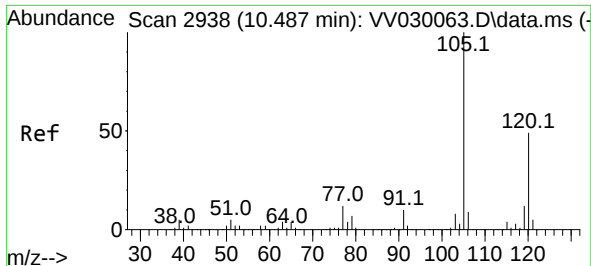
Tgt Ion:105 Resp: 762557
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.0
77 15.2 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 52.287 ug/L
RT: 10.220 min Scan# 2855
Delta R.T. 0.000 min
Lab File: VV030063.D
Acq: 17 Feb 2023 12:11

Tgt Ion: 75 Resp: 214976
Ion Ratio Lower Upper
75 100
77 32.4 25.9 38.9
110 40.1 32.1 48.1





#62

1,3,5-Trimethylbenzene

Concen: 52.779 ug/L

RT: 10.487 min Scan# 2938

Delta R.T. 0.000 min

Lab File: VV030063.D

Acq: 17 Feb 2023 12:11

Instrument :

MSVOA_V

ClientSampleId :

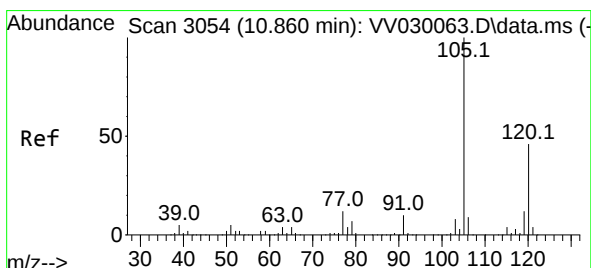
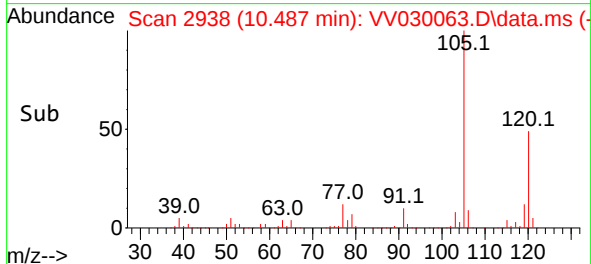
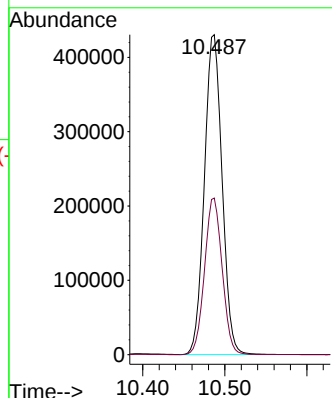
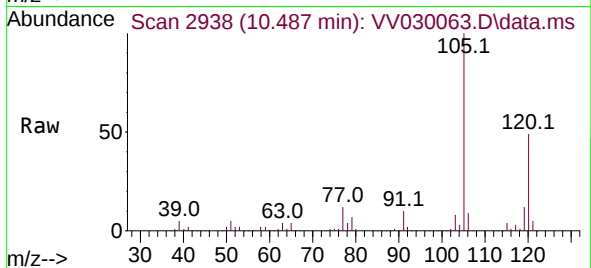
VSTD050210

Tgt Ion:105 Resp: 645944

Ion Ratio Lower Upper

105 100

120 48.7 39.0 58.4



#63

1,2,4-Trimethylbenzene

Concen: 52.538 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. 0.000 min

Lab File: VV030063.D

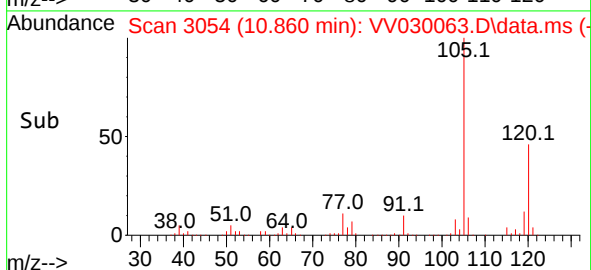
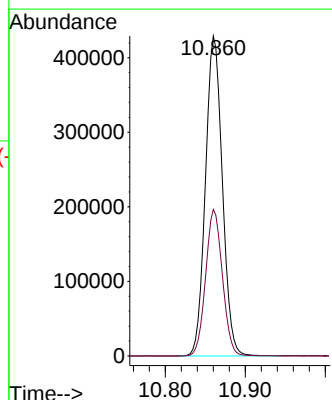
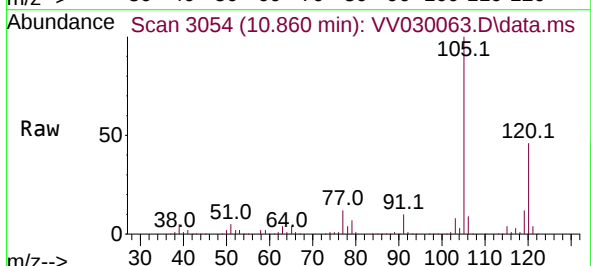
Acq: 17 Feb 2023 12:11

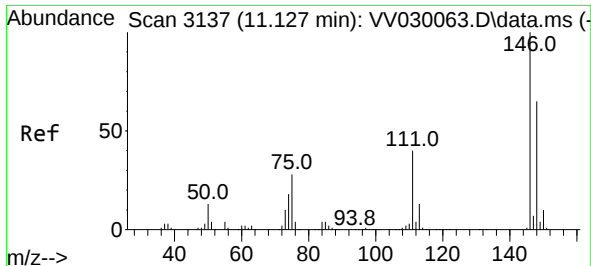
Tgt Ion:105 Resp: 631971

Ion Ratio Lower Upper

105 100

120 45.4 36.3 54.5

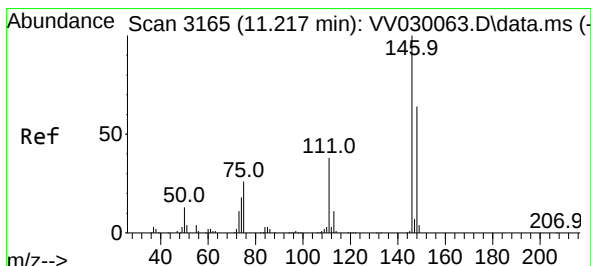
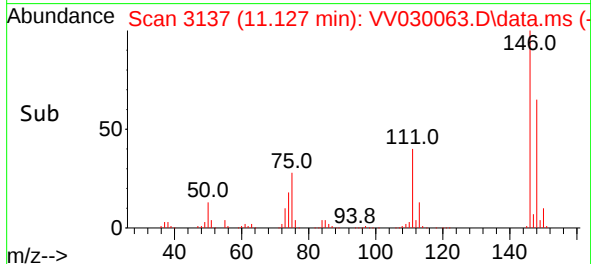
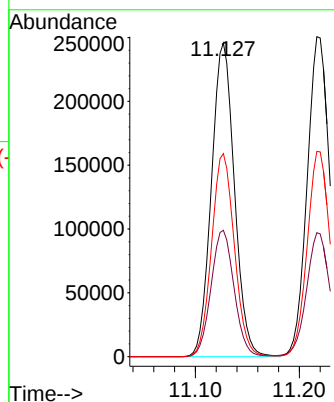
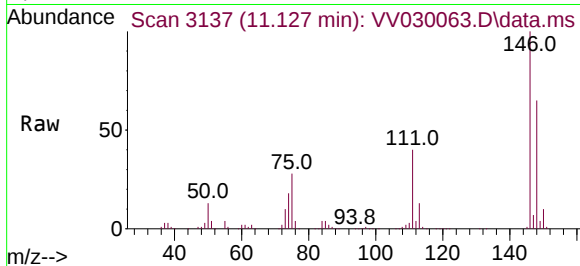




#64
1,3-Dichlorobenzene
Concen: 50.691 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.000 min
Lab File: VV030063.D
Acq: 17 Feb 2023 12:11

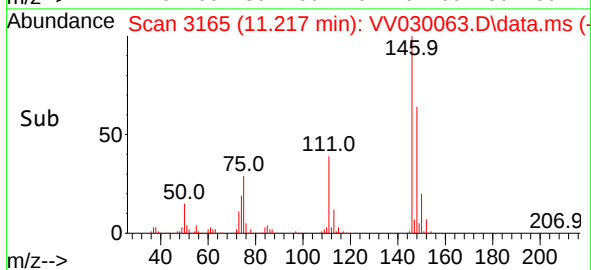
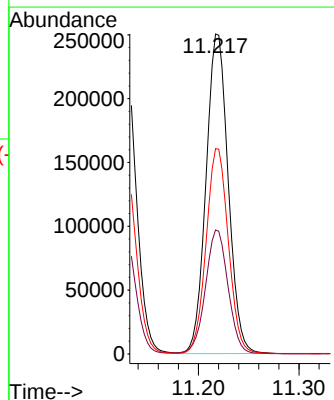
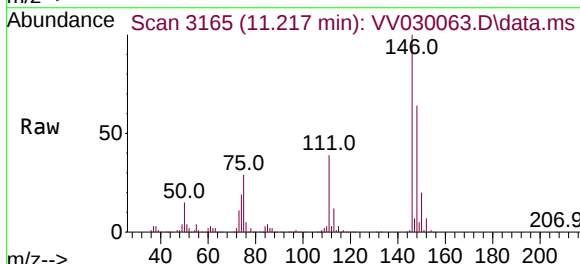
Instrument :
MSVOA_V
ClientSampleId :
VSTD050210

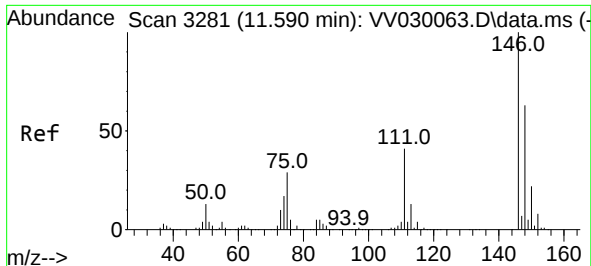
Tgt Ion:146 Resp: 377486
Ion Ratio Lower Upper
146 100
111 40.3 28.2 52.4
148 64.7 45.3 84.1



#65
1,4-Dichlorobenzene
Concen: 50.370 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VV030063.D
Acq: 17 Feb 2023 12:11

Tgt Ion:146 Resp: 383803
Ion Ratio Lower Upper
146 100
111 38.7 27.1 50.3
148 64.2 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 51.080 ug/L

RT: 11.590 min Scan# 3281

Delta R.T. 0.000 min

Lab File: VV030063.D

Acq: 17 Feb 2023 12:11

Instrument :

MSVOA_V

ClientSampleId :

VSTD050210

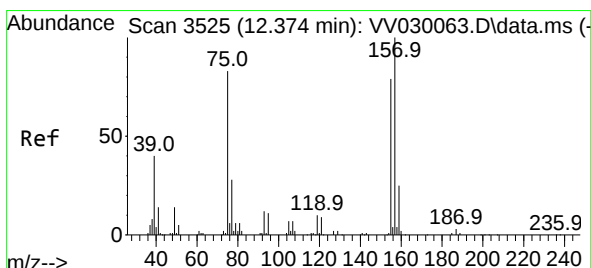
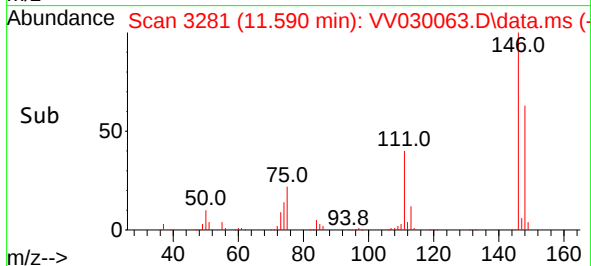
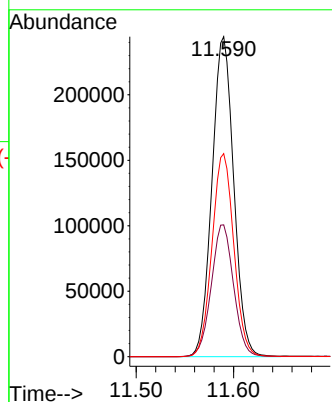
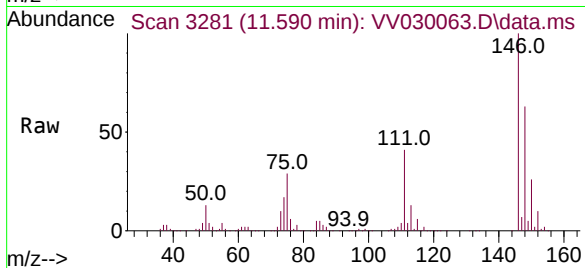
Tgt Ion:146 Resp: 378728

Ion Ratio Lower Upper

146 100

111 41.2 33.0 49.4

148 63.4 50.7 76.1



#68

1,2-Dibromo-3-chloropropane

Concen: 53.688 ug/L

RT: 12.374 min Scan# 3525

Delta R.T. 0.000 min

Lab File: VV030063.D

Acq: 17 Feb 2023 12:11

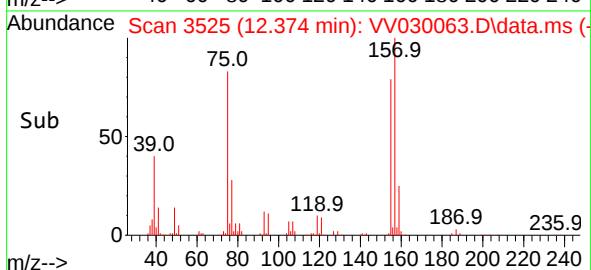
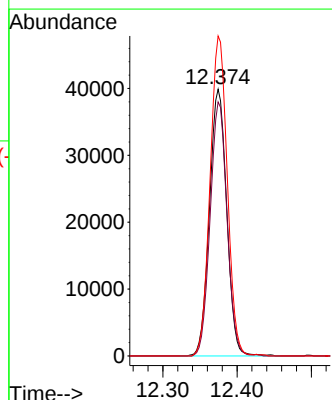
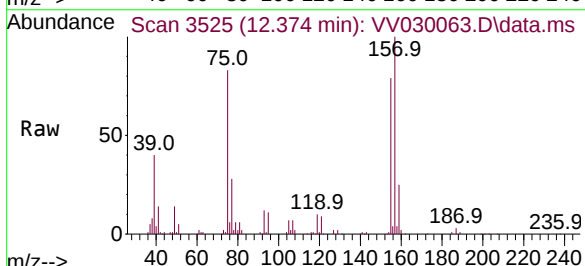
Tgt Ion: 75 Resp: 64399

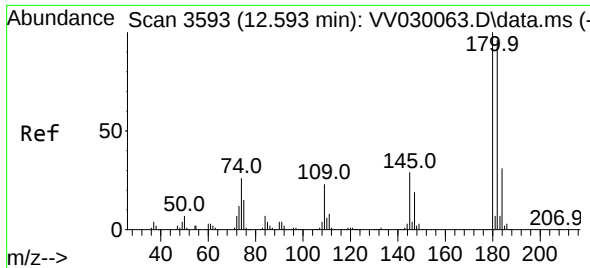
Ion Ratio Lower Upper

75 100

155 95.2 76.2 114.2

157 120.0 96.0 144.0



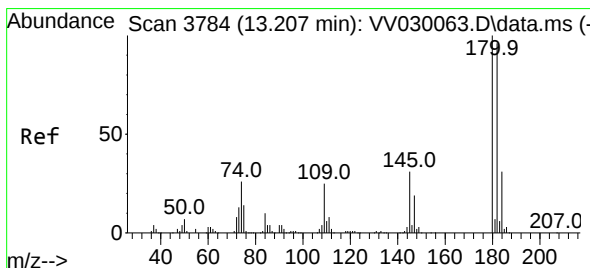
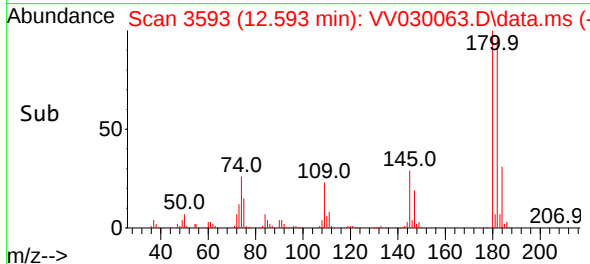
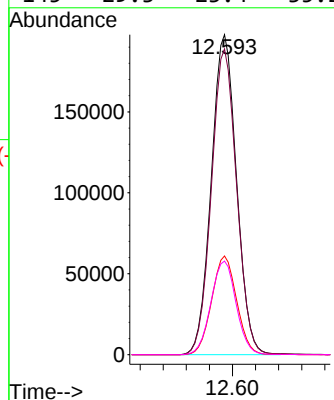
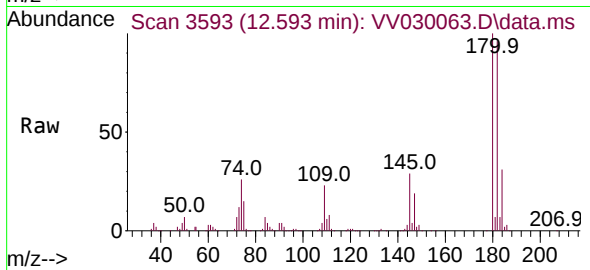


#69
 1,3,5-Trichlorobenzene
 Concen: 50.455 ug/L
 RT: 12.593 min Scan# 3593
 Delta R.T. 0.000 min
 Lab File: VV030063.D
 Acq: 17 Feb 2023 12:11

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050210

Tgt Ion:180 Resp: 299830

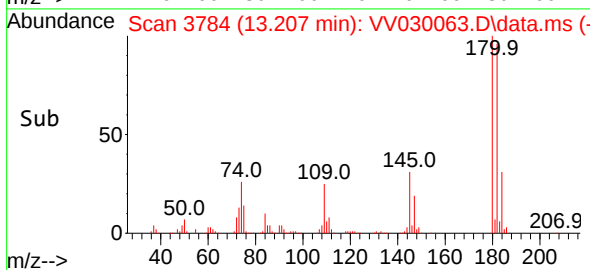
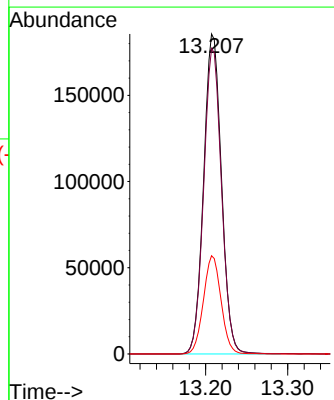
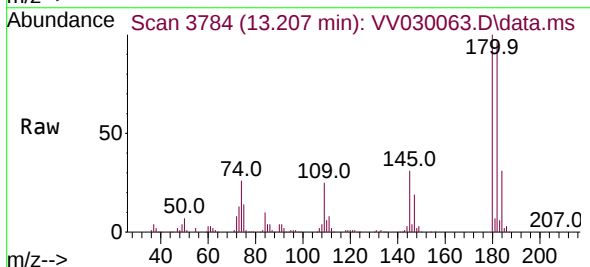
Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.4	114.6
184	30.6	24.5	36.7
145	29.3	23.4	35.2

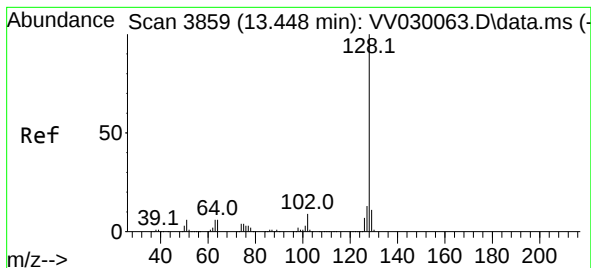


#70
 1,2,4-trichlorobenzene
 Concen: 50.187 ug/L
 RT: 13.207 min Scan# 3784
 Delta R.T. 0.000 min
 Lab File: VV030063.D
 Acq: 17 Feb 2023 12:11

Tgt Ion:180 Resp: 280318

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.6	114.8
145	30.4	24.3	36.5





#71

Naphthalene

Concen: 53.188 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.000 min

Lab File: VV030063.D

Acq: 17 Feb 2023 12:11

Instrument :

MSVOA_V

ClientSampleId :

VSTD050210

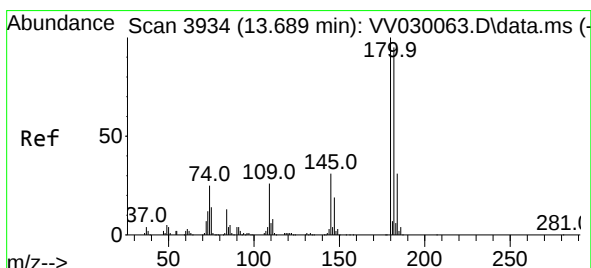
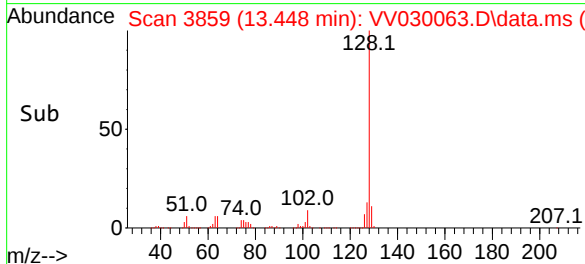
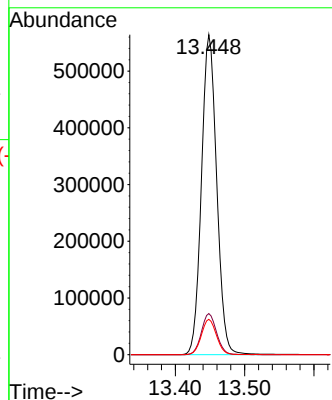
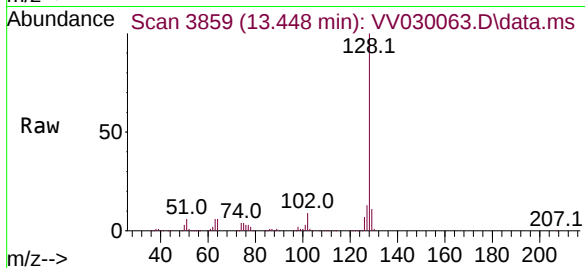
Tgt Ion:128 Resp: 861703

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 51.164 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. 0.000 min

Lab File: VV030063.D

Acq: 17 Feb 2023 12:11

Tgt Ion:180 Resp: 280462

Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.8

145 31.3 25.0 37.6

