

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021723\
 Data File : VW030065.D
 Acq On : 17 Feb 2023 14:37
 Operator : SY/MD
 Sample : VSTD20012
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200212

Quant Time: Feb 20 00:31:46 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	5.539	114	425727	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	408637	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	258091	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	655677	216.624	ug/L	0.00
7) Chloroethane-d5	1.529	69	407524	175.957	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	63	1215249	209.876	ug/L	0.00
21) 2-Butanone-d5	3.786	46	817467	438.134	ug/L	0.00
24) Chloroform-d	4.256	84	1185751	210.759	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	697926	209.868	ug/L	0.00
32) Benzene-d6	4.966	84	2309130	212.767	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	741291	214.806	ug/L	0.00
41) Toluene-d8	7.249	98	2188236	213.645	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.555	79	390960	227.964	ug/L	0.00
47) 2-Hexanone-d5	8.030	63	723970	449.996	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	1107425	213.935	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.570	152	967646	210.515	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	949879	210.789	ug/L	100
3) Chloromethane	1.217	50	1150415	198.954	ug/L	100
5) Vinyl chloride	1.285	62	849641	211.000	ug/L	100
6) Bromomethane	1.484	94	110051	150.352	ug/L	100
8) Chloroethane	1.545	64	493368	209.993	ug/L	99
9) Trichlorofluoromethane	1.712	101	1118961	209.630	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	682464	208.903	ug/L	99
12) 1,1-Dichloroethene	2.072	96	609030	207.236	ug/L	98
13) Acetone	2.118	43	560176	386.385	ug/L	99
14) Carbon disulfide	2.243	76	1789886	205.966	ug/L	100
15) Methyl Acetate	2.375	43	607249	201.437	ug/L	99
16) Methylene chloride	2.449	84	632164	196.483	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	614562	204.568	ug/L	98
18) Methyl tert-butyl Ether	2.709	73	1996195	208.797	ug/L	100
19) 1,1-Dichloroethane	3.117	63	1121213	202.492	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	685307	206.272	ug/L	99
22) 2-Butanone	3.870	43	828761	418.327	ug/L	97
23) Bromochloromethane	4.153	128	356651	201.342	ug/L	99
25) Chloroform	4.281	83	1148093	203.387	ug/L	99
27) 1,2-Dichloroethane	5.047	62	856078	203.056	ug/L	99
29) Cyclohexane	4.590	56	1008832	211.866	ug/L	99
30) 1,1,1-Trichloroethane	4.519	97	1040794	205.032	ug/L	100
31) Carbon tetrachloride	4.741	117	922700	207.052	ug/L	100
33) Benzene	5.018	78	2434405	201.921	ug/L	100
34) Trichloroethene	5.838	95	683131	208.181	ug/L	97
35) Methylcyclohexane	6.056	83	1140339	218.913	ug/L	98
37) 1,2-Dichloropropane	6.098	63	654665	206.189	ug/L	100
38) Bromodichloromethane	6.439	83	885602	207.664	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	1164150	218.116	ug/L	100
40) 4-Methyl-2-pentanone	7.166	43	1607944	407.358	ug/L	98
42) Toluene	7.323	91	2695685	204.333	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	1072501	220.950	ug/L	100

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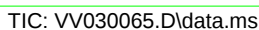
Quant Time: Feb 20 00:31:46 2023
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 Quant Title : VOC Analysis
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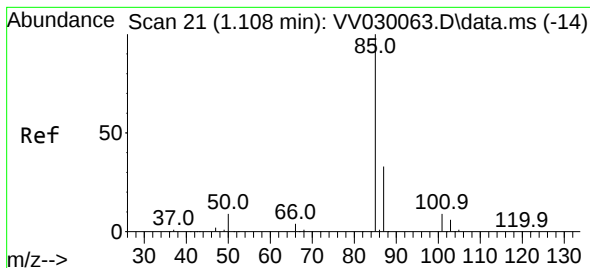
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.776	97	663064	201.213	ug/L	99
46) Tetrachloroethene	7.911	164	574658	208.313	ug/L	99
48) 2-Hexanone	8.082	43	1242373	414.740	ug/L	99
49) Dibromochloromethane	8.185	129	731479	214.006	ug/L	98
50) 1,2-Dibromoethane	8.288	107	731863	202.439	ug/L	99
51) Chlorobenzene	8.821	112	1794327	204.085	ug/L	100
52) Ethylbenzene	8.953	91	3072046	210.312	ug/L	100
53) m,p-Xylene	9.082	106	1186887	212.673	ug/L	99
54) o-Xylene	9.487	106	1154719	214.699	ug/L	98
55) Styrene	9.503	104	1995873	217.230	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.188	83	1094927	203.257	ug/L	100
59) Bromoform	9.673	173	574044	224.601	ug/L	99
60) Isopropylbenzene	9.876	105	3157870	205.755	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	821554	192.392	ug/L	99
62) 1,3,5-Trimethylbenzene	10.487	105	2689133	211.553	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	2667382	213.502	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	1581013	204.412	ug/L	99
65) 1,4-Dichlorobenzene	11.220	146	1605874	202.915	ug/L	100
67) 1,2-Dichlorobenzene	11.590	146	1552942	201.662	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	250318	200.925	ug/L	99
69) 1,3,5-Trichlorobenzene	12.593	180	1262672	204.579	ug/L	100
70) 1,2,4-trichlorobenzene	13.210	180	1214767	209.401	ug/L	100
71) Naphthalene	13.448	128	3507056	208.420	ug/L	100
72) 1,2,3-Trichlorobenzene	13.693	180	1168444	205.231	ug/L	100

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

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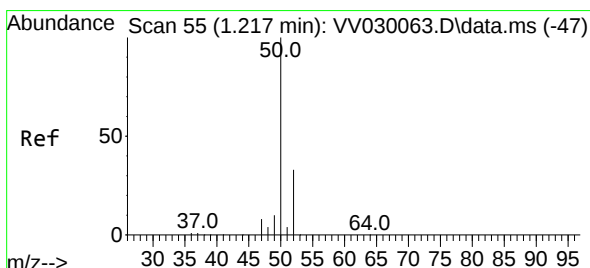
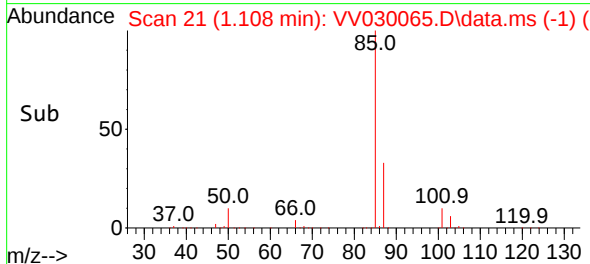
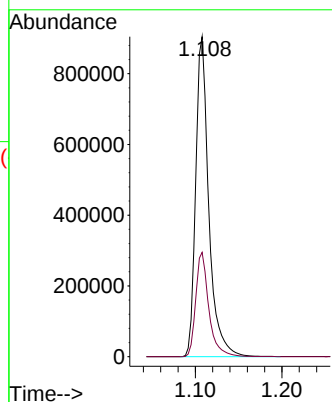
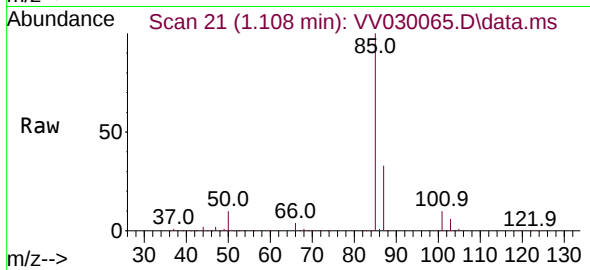




#2
 Dichlorodifluoromethane
 Concen: 210.789 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030065.D
 Acq: 17 Feb 2023 14:37

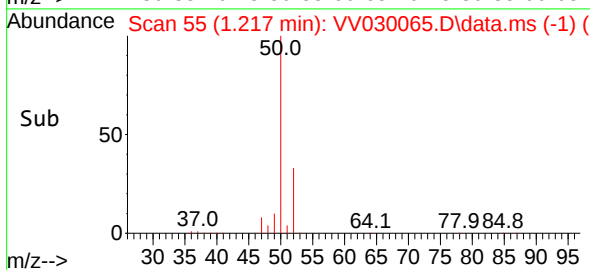
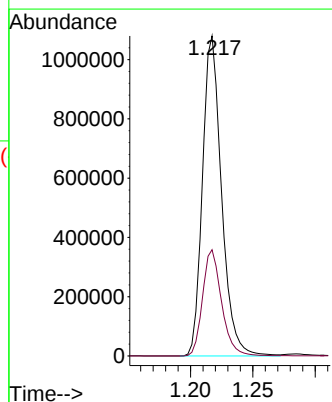
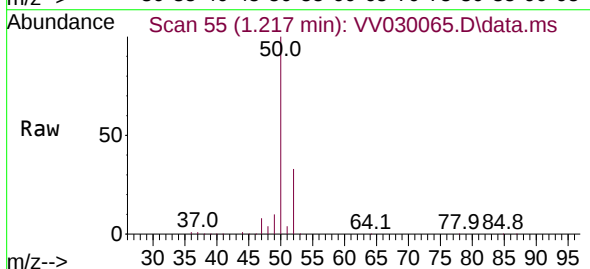
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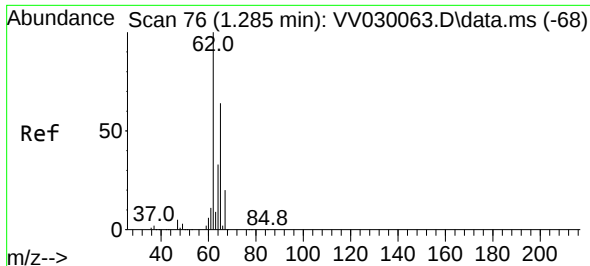
Tgt Ion: 85 Resp: 949879
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.0 39.0



#3
 Chloromethane
 Concen: 198.954 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV030065.D
 Acq: 17 Feb 2023 14:37

Tgt Ion: 50 Resp: 1150415
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.4 43.4

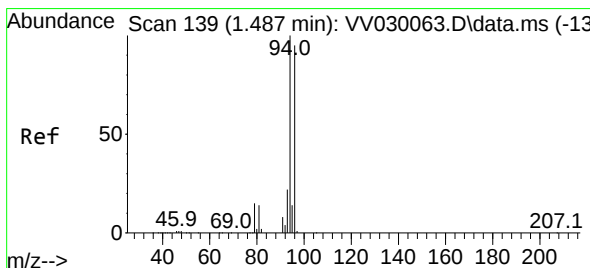
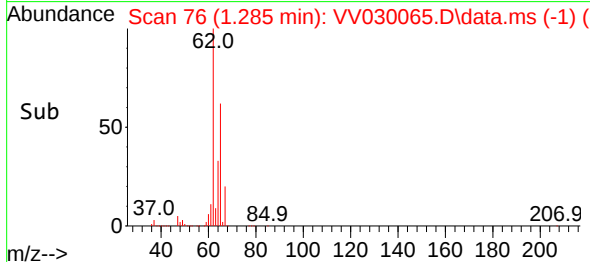
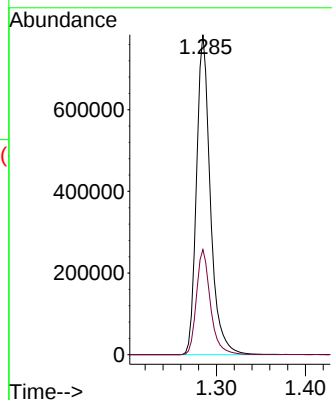
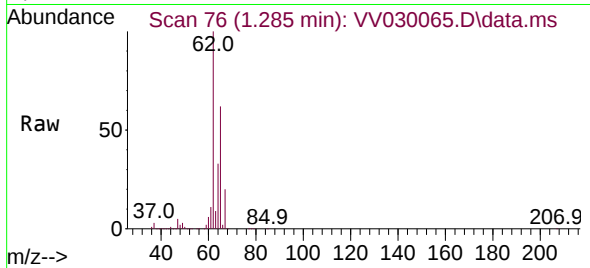




#5
 Vinyl chloride
 Concen: 211.000 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV030065.D
 Acq: 17 Feb 2023 14:37

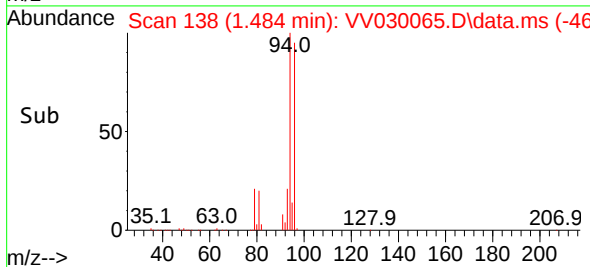
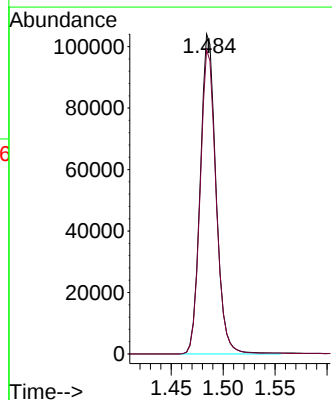
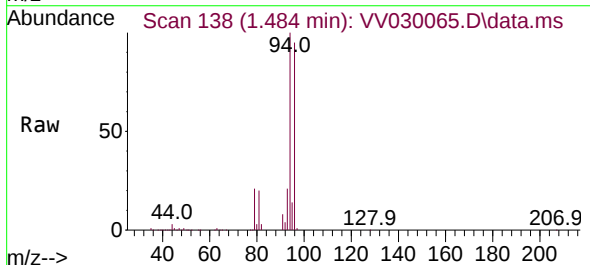
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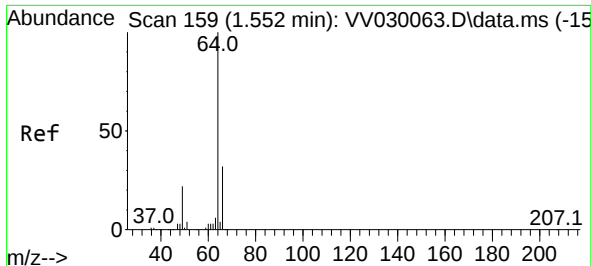
Tgt Ion: 62 Resp: 849641
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.9 42.5



#6
 Bromomethane
 Concen: 150.352 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV030065.D
 Acq: 17 Feb 2023 14:37

Tgt Ion: 94 Resp: 110051
 Ion Ratio Lower Upper
 94 100
 96 95.1 66.7 123.9

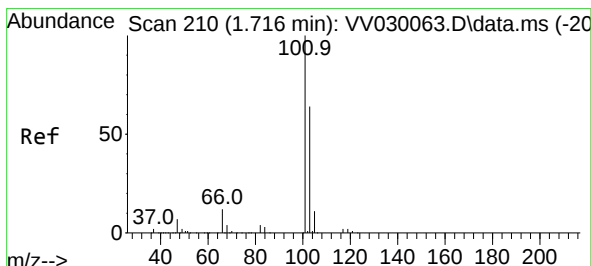
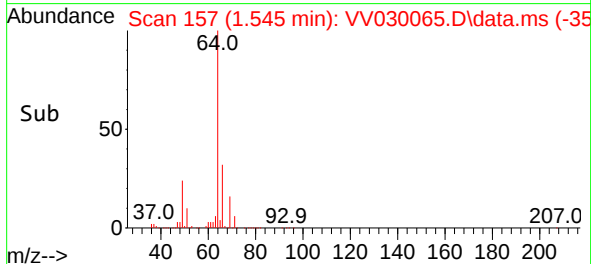
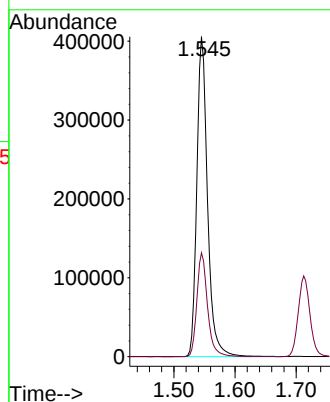
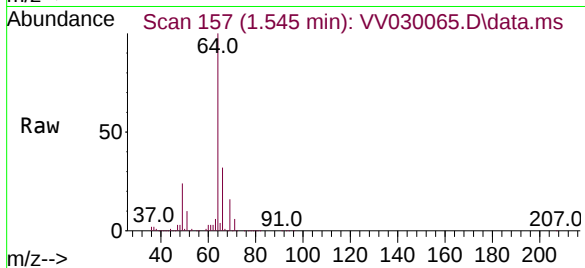




#8
Chloroethane
Concen: 209.993 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.007 min
Lab File: VV030065.D
Acq: 17 Feb 2023 14:37

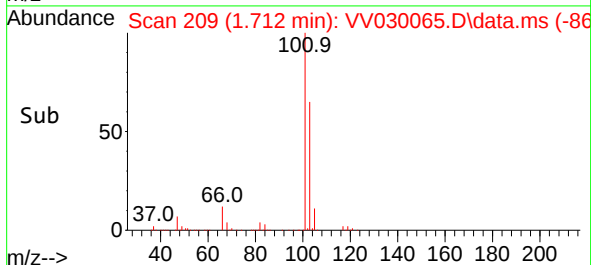
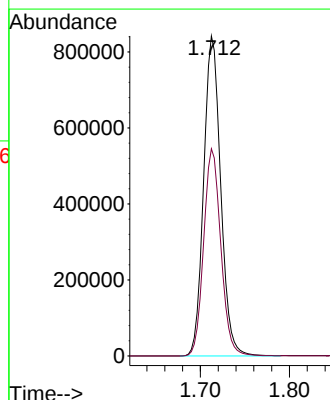
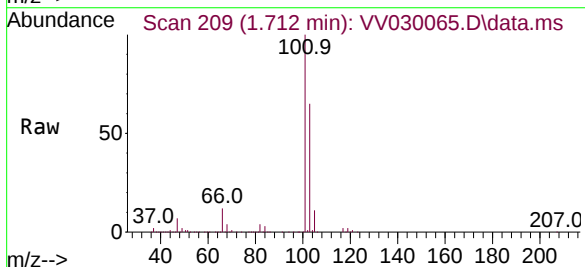
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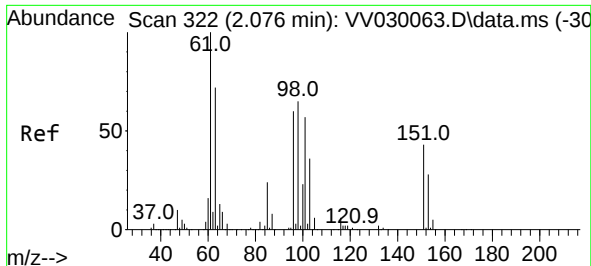
Tgt Ion: 64 Resp: 493368
Ion Ratio Lower Upper
64 100
66 32.4 22.3 41.3



#9
Trichlorofluoromethane
Concen: 209.630 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV030065.D
Acq: 17 Feb 2023 14:37

Tgt Ion:101 Resp: 1118961
Ion Ratio Lower Upper
101 100
103 65.1 52.6 78.8

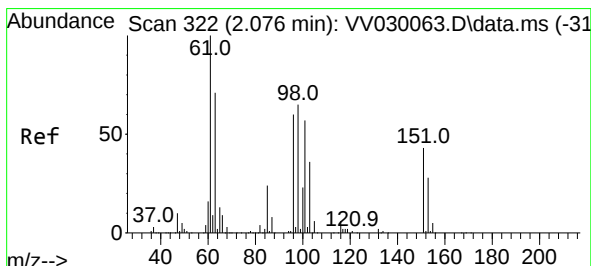
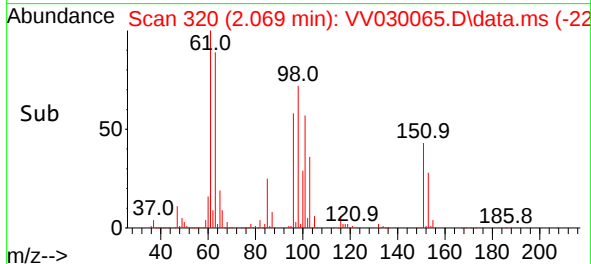
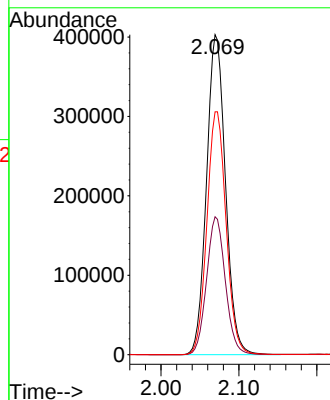
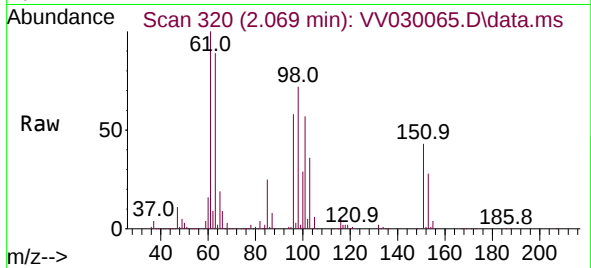




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 208.903 ug/L
RT: 2.069 min Scan# 31
Delta R.T. -0.007 min
Lab File: VV030065.D
Acq: 17 Feb 2023 14:37

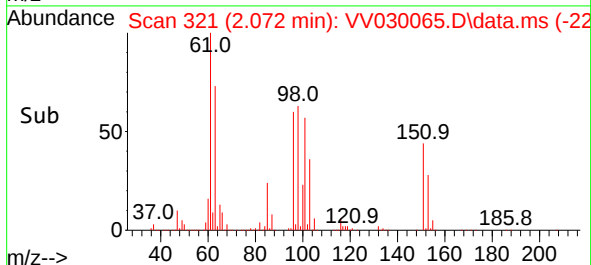
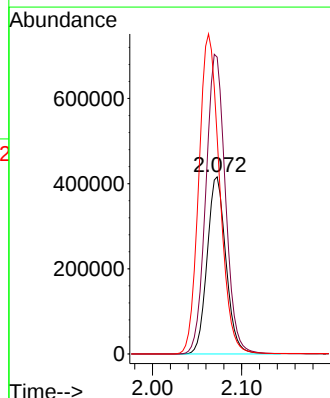
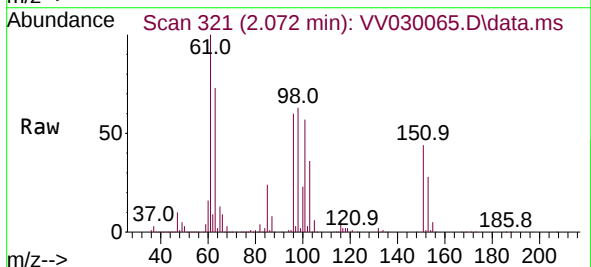
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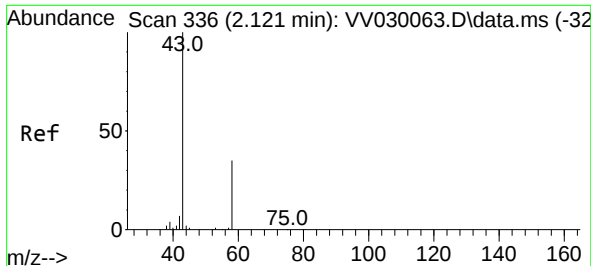
Tgt Ion:101 Resp: 682464
Ion Ratio Lower Upper
101 100
85 42.7 33.4 50.2
151 76.8 60.8 91.2



#12
1,1-Dichloroethene
Concen: 207.236 ug/L
RT: 2.072 min Scan# 321
Delta R.T. -0.003 min
Lab File: VV030065.D
Acq: 17 Feb 2023 14:37

Tgt Ion: 96 Resp: 609030
Ion Ratio Lower Upper
96 100
61 167.6 115.8 215.2
63 122.4 83.4 154.8





#13

Acetone

Concen: 386.385 ug/L

RT: 2.118 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV030065.D

Acq: 17 Feb 2023 14:37

Instrument :

MSVOA_V

ClientSampleId :

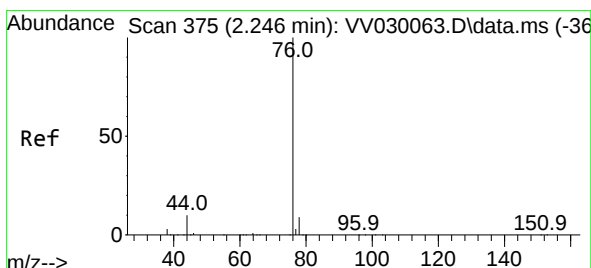
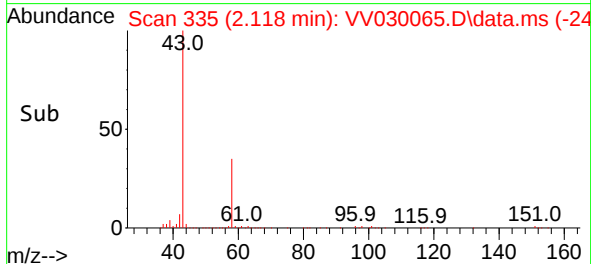
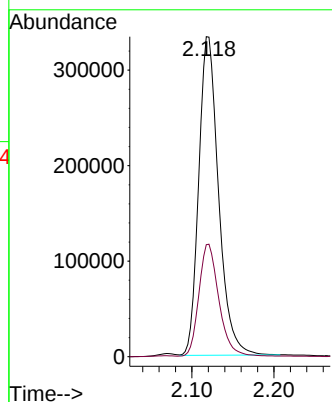
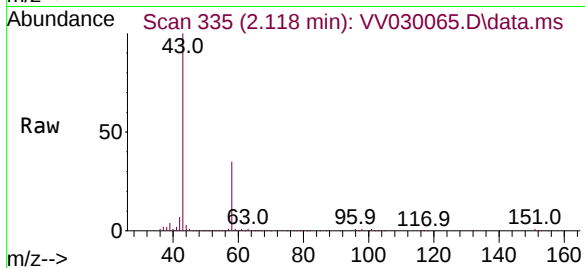
VSTD200212

Tgt Ion: 43 Resp: 560176

Ion Ratio Lower Upper

43 100

58 35.9 0.0 70.6



#14

Carbon disulfide

Concen: 205.966 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.003 min

Lab File: VV030065.D

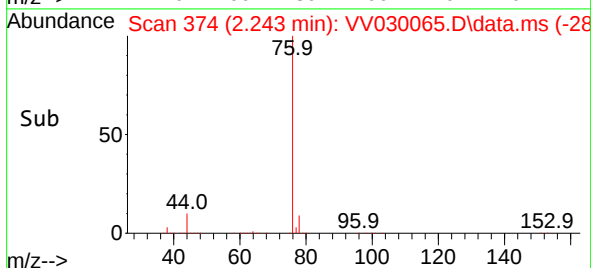
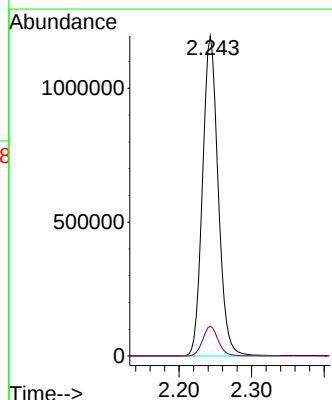
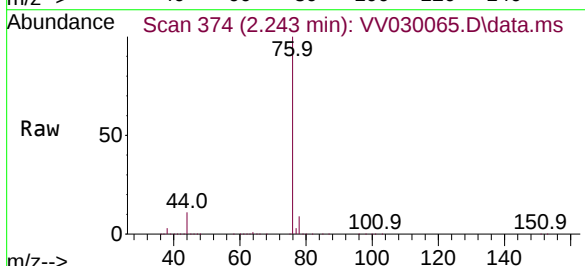
Acq: 17 Feb 2023 14:37

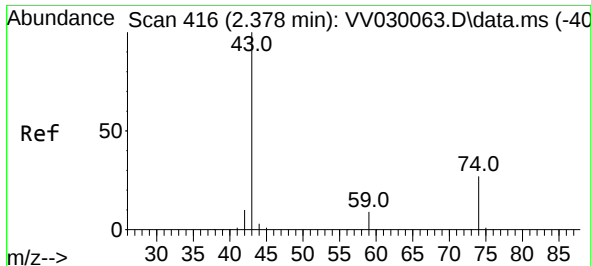
Tgt Ion: 76 Resp: 1789886

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

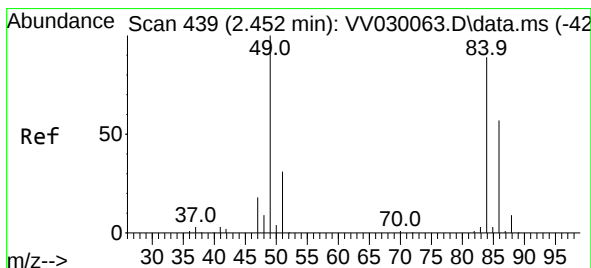
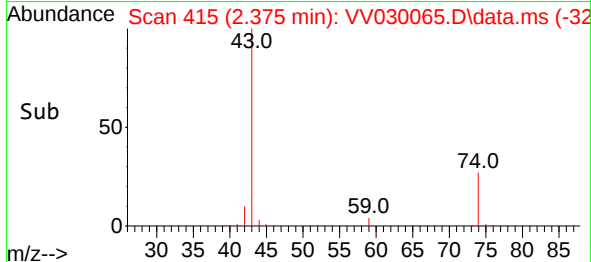
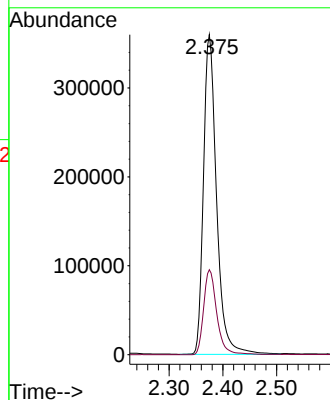
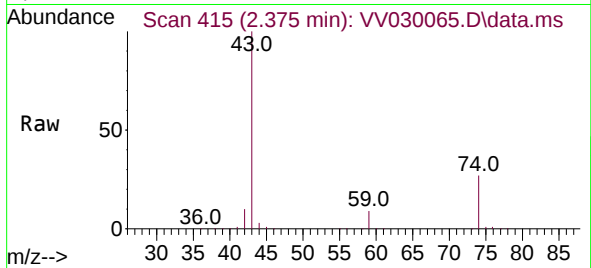




#15
Methyl Acetate
Concen: 201.437 ug/L
RT: 2.375 min Scan# 415
Delta R.T. -0.003 min
Lab File: VV030065.D
Acq: 17 Feb 2023 14:37

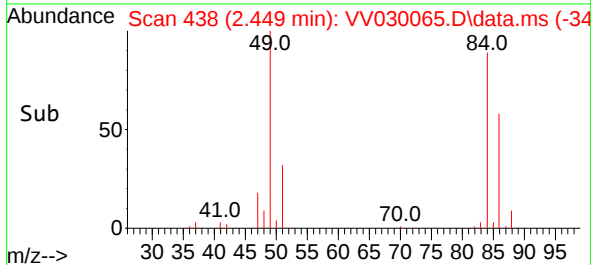
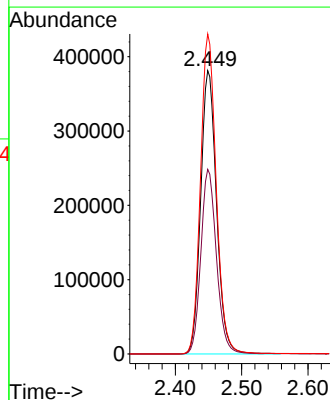
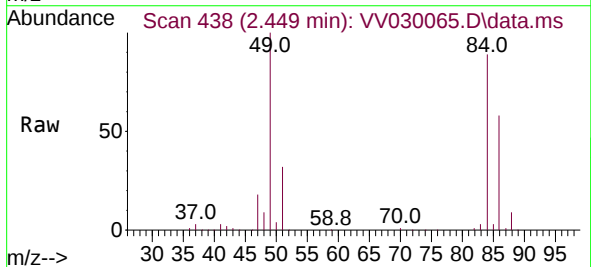
Instrument :
MSVOA_V
ClientSampleId :
VSTD200212

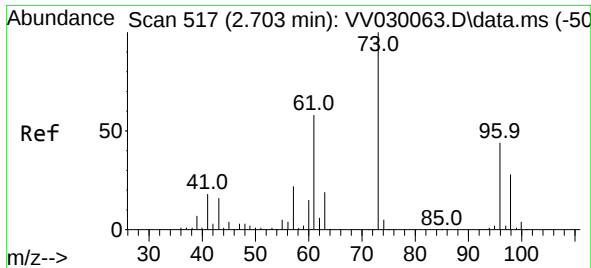
Tgt Ion: 43 Resp: 607249
Ion Ratio Lower Upper
43 100
74 26.7 21.9 32.9



#16
Methylene chloride
Concen: 196.483 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.003 min
Lab File: VV030065.D
Acq: 17 Feb 2023 14:37

Tgt Ion: 84 Resp: 632164
Ion Ratio Lower Upper
84 100
86 65.1 45.1 83.7
49 112.9 78.7 146.1

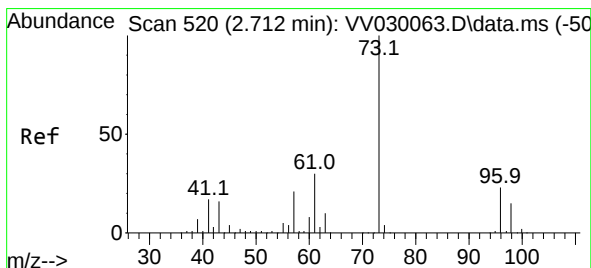
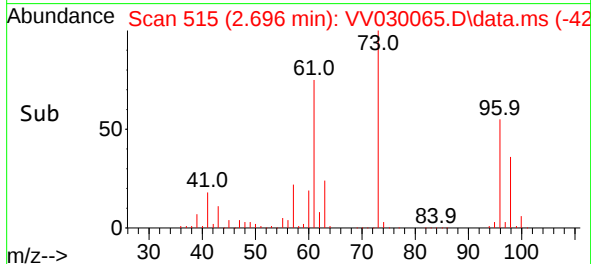
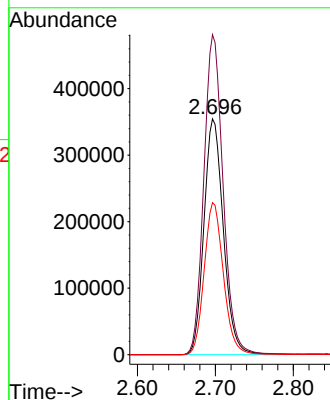
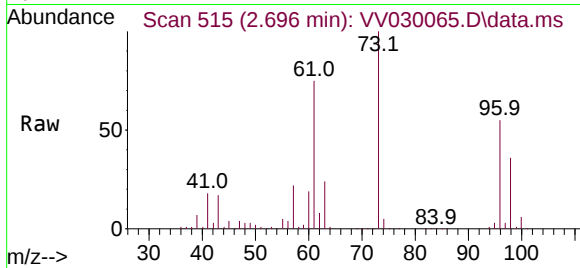




#17
trans-1,2-Dichloroethene
Concen: 204.568 ug/L
RT: 2.696 min Scan# 517
Delta R.T. -0.007 min
Lab File: VV030065.D
Acq: 17 Feb 2023 14:37

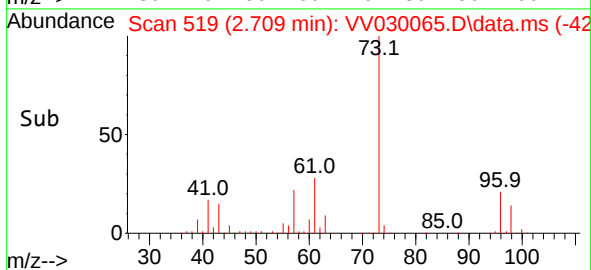
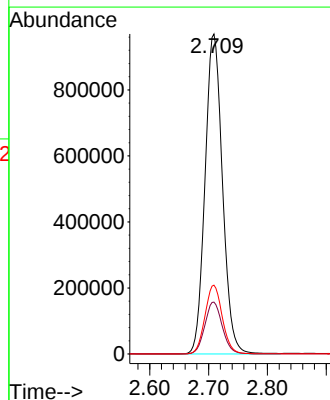
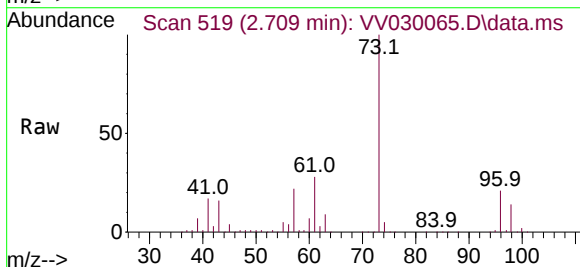
Instrument :
MSVOA_V
ClientSampleId :
VSTD200212

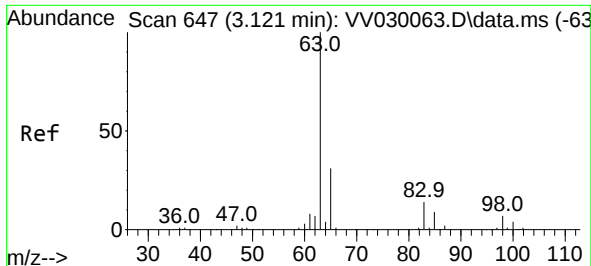
Tgt Ion: 96 Resp: 614562
Ion Ratio Lower Upper
96 100
61 135.7 93.3 173.3
98 64.4 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 208.797 ug/L
RT: 2.709 min Scan# 519
Delta R.T. -0.003 min
Lab File: VV030065.D
Acq: 17 Feb 2023 14:37

Tgt Ion: 73 Resp: 1996195
Ion Ratio Lower Upper
73 100
43 16.1 12.7 19.1
57 21.4 17.0 25.4





#19

1,1-Dichloroethane

Concen: 202.492 ug/L

RT: 3.117 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV030065.D

Acq: 17 Feb 2023 14:37

Instrument :

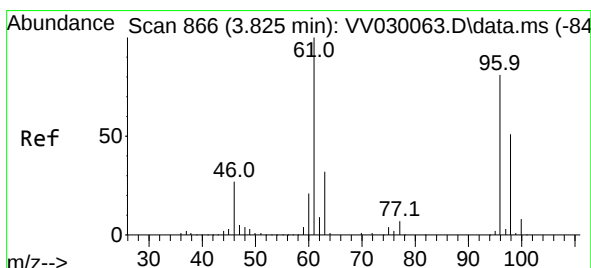
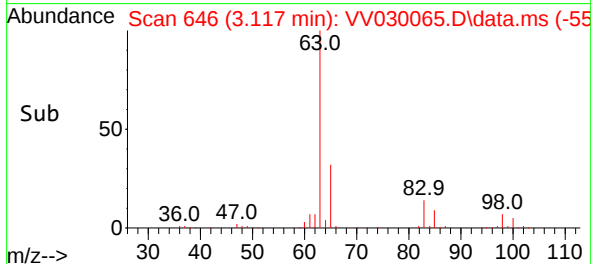
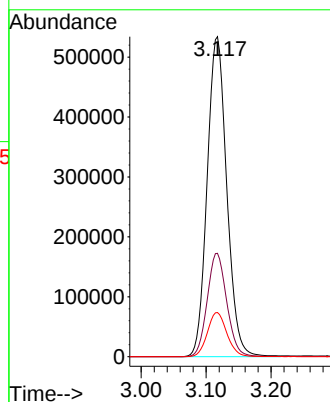
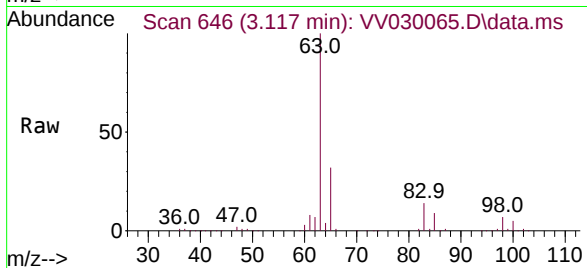
MSVOA_V

ClientSampleId :

VSTD200212

Tgt Ion: 63 Resp: 1121213

Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.0	41.0
83	13.8	9.6	17.8



#20

cis-1,2-Dichloroethene

Concen: 206.272 ug/L

RT: 3.818 min Scan# 864

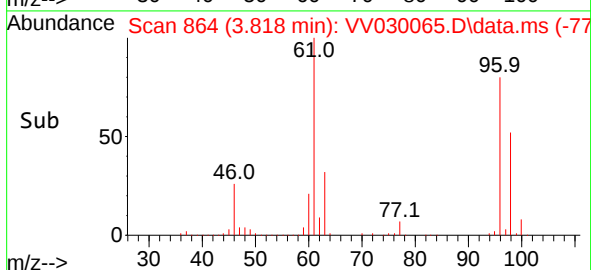
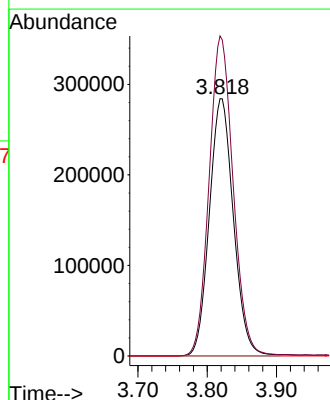
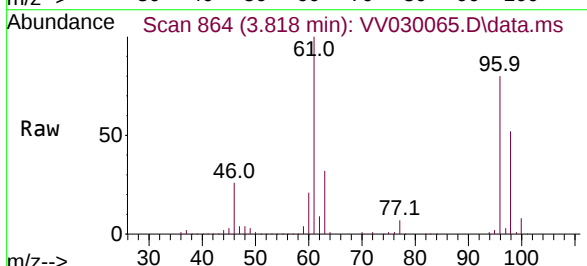
Delta R.T. -0.007 min

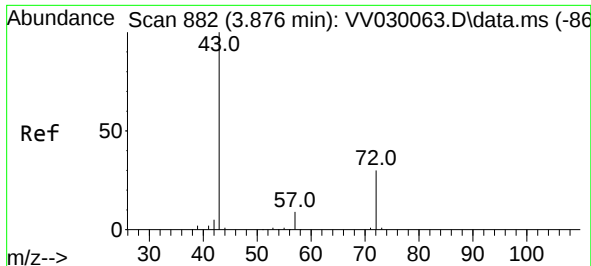
Lab File: VV030065.D

Acq: 17 Feb 2023 14:37

Tgt Ion: 96 Resp: 685307

Ion	Ratio	Lower	Upper
96	100		
61	124.4	86.0	159.6
68	0.0	0.0	0.0

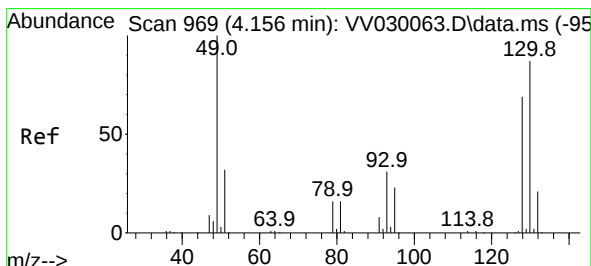
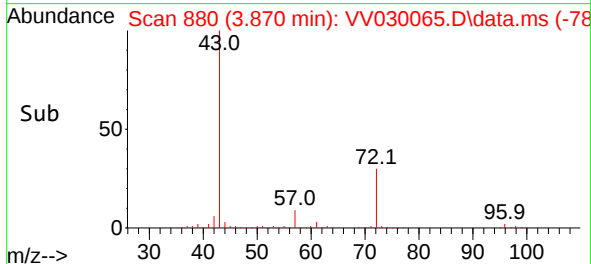
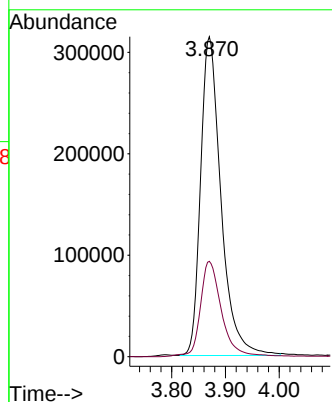
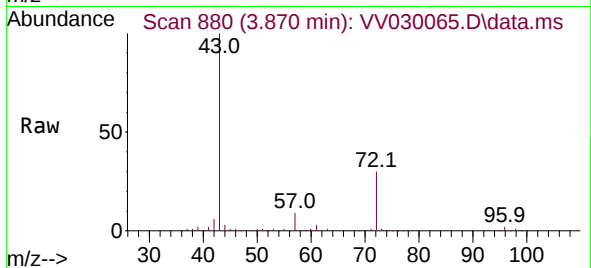




#22
2-Butanone
Concen: 418.327 ug/L
RT: 3.870 min Scan# 882
Delta R.T. -0.007 min
Lab File: VV030065.D
Acq: 17 Feb 2023 14:37

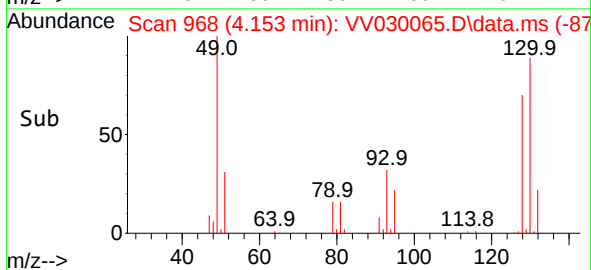
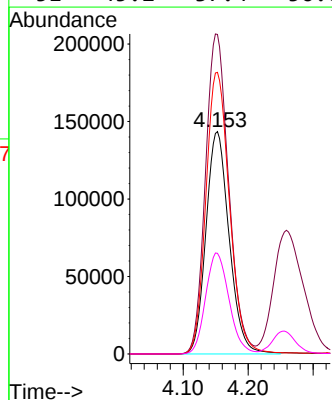
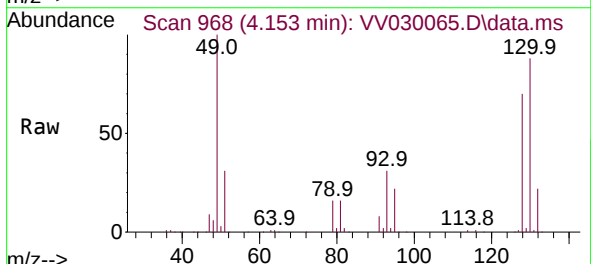
Instrument :
MSVOA_V
ClientSampleId :
VSTD200212

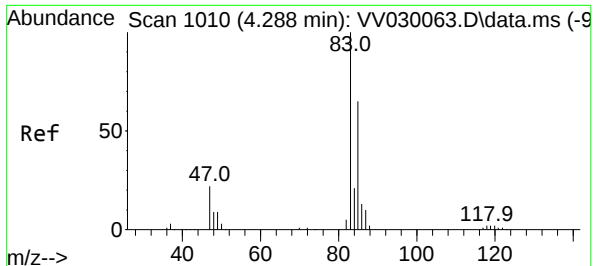
Tgt Ion: 43 Resp: 828761
Ion Ratio Lower Upper
43 100
72 30.9 14.7 44.1



#23
Bromochloromethane
Concen: 201.342 ug/L
RT: 4.153 min Scan# 968
Delta R.T. -0.003 min
Lab File: VV030065.D
Acq: 17 Feb 2023 14:37

Tgt Ion:128 Resp: 356651
Ion Ratio Lower Upper
128 100
49 143.7 101.0 187.6
130 126.6 88.2 163.8
51 45.2 37.4 56.0

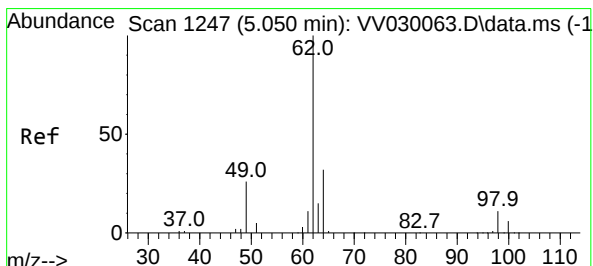
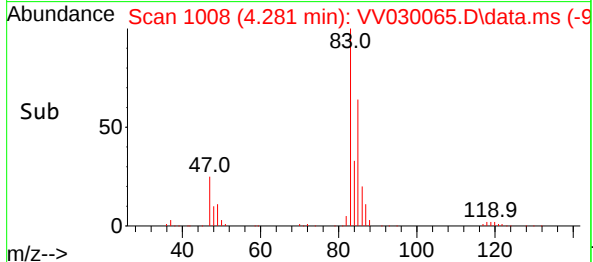
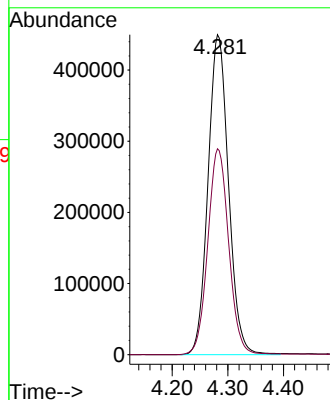
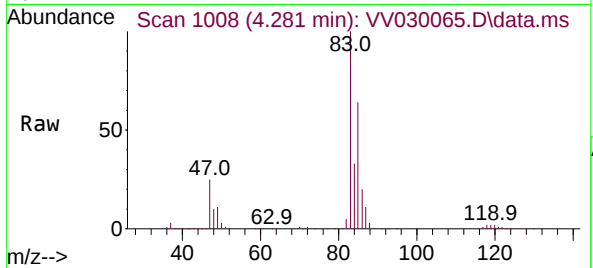




#25
Chloroform
Concen: 203.387 ug/L
RT: 4.281 min Scan# 1010
Delta R.T. -0.007 min
Lab File: VV030065.D
Acq: 17 Feb 2023 14:37

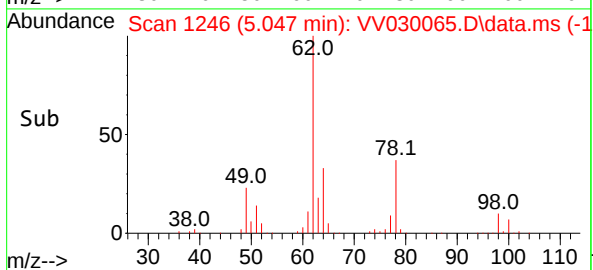
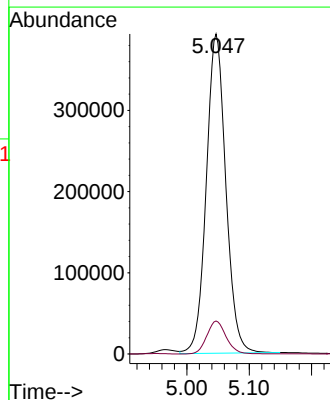
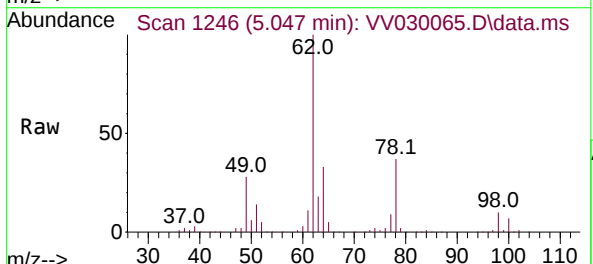
Instrument :
MSVOA_V
ClientSampleId :
VSTD200212

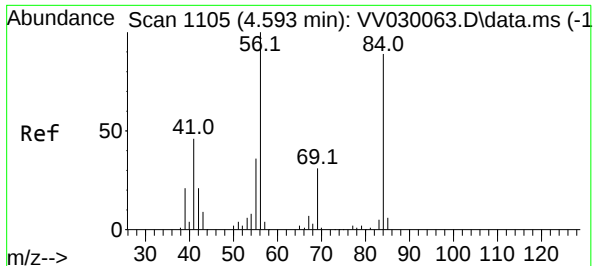
Tgt Ion: 83 Resp: 1148093
Ion Ratio Lower Upper
83 100
85 64.4 45.4 84.4



#27
1,2-Dichloroethane
Concen: 203.056 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.003 min
Lab File: VV030065.D
Acq: 17 Feb 2023 14:37

Tgt Ion: 62 Resp: 856078
Ion Ratio Lower Upper
62 100
98 10.3 8.5 12.7





#29

Cyclohexane

Concen: 211.866 ug/L

RT: 4.590 min Scan# 1105

Delta R.T. -0.003 min

Lab File: VV030065.D

Acq: 17 Feb 2023 14:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD200212

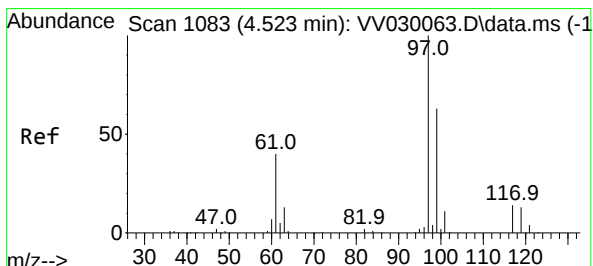
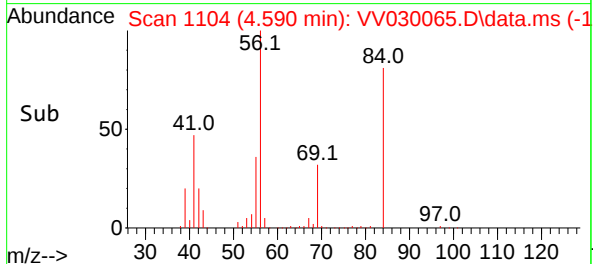
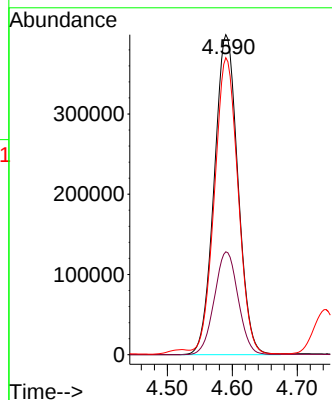
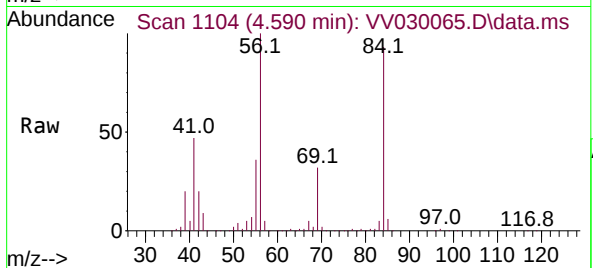
Tgt Ion: 56 Resp: 1008832

Ion Ratio Lower Upper

56 100

69 32.3 25.3 37.9

84 92.4 73.0 109.4



#30

1,1,1-Trichloroethane

Concen: 205.032 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. -0.003 min

Lab File: VV030065.D

Acq: 17 Feb 2023 14:37

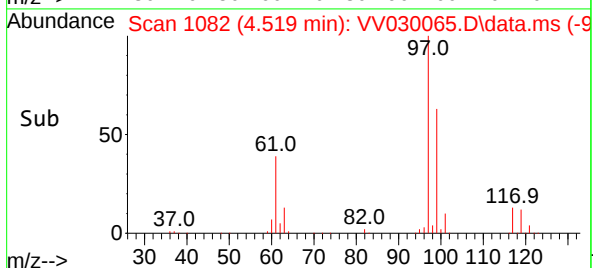
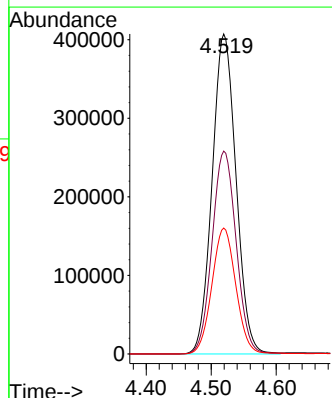
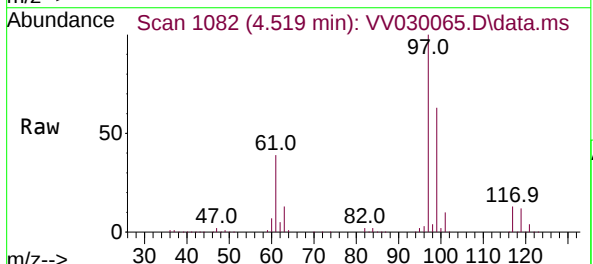
Tgt Ion: 97 Resp: 1040794

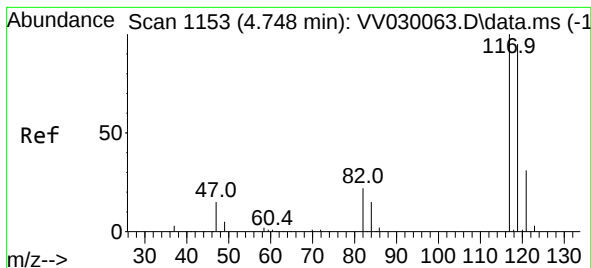
Ion Ratio Lower Upper

97 100

99 64.0 50.7 76.1

61 39.5 31.6 47.4





#31

Carbon tetrachloride

Concen: 207.052 ug/L

RT: 4.741 min Scan# 1151

Delta R.T. -0.007 min

Lab File: VV030065.D

Acq: 17 Feb 2023 14:37

Instrument :

MSVOA_V

ClientSampleId :

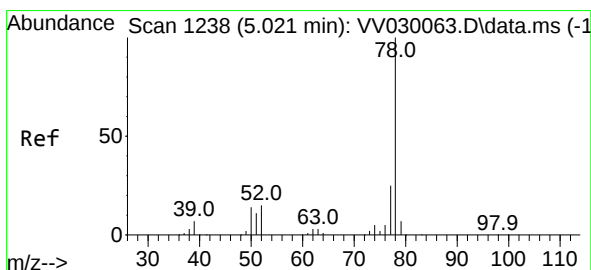
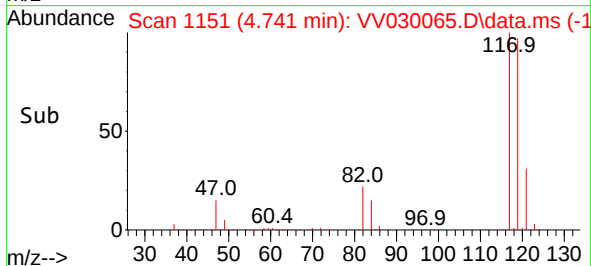
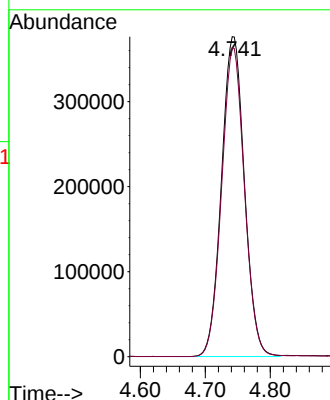
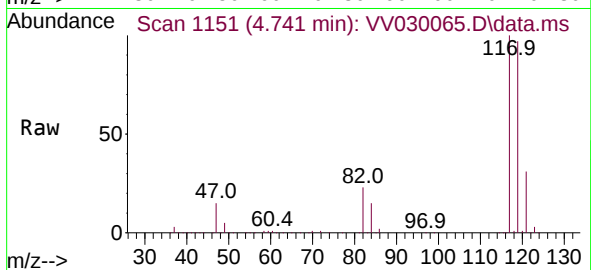
VSTD200212

Tgt Ion:117 Resp: 922700

Ion Ratio Lower Upper

117 100

119 95.8 76.8 115.2



#33

Benzene

Concen: 201.921 ug/L

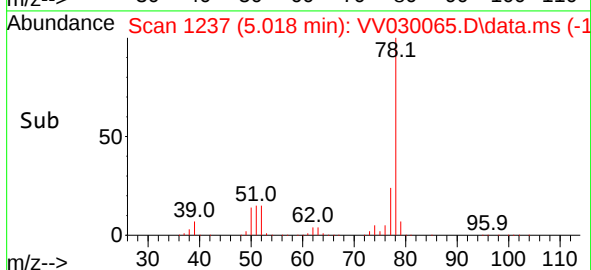
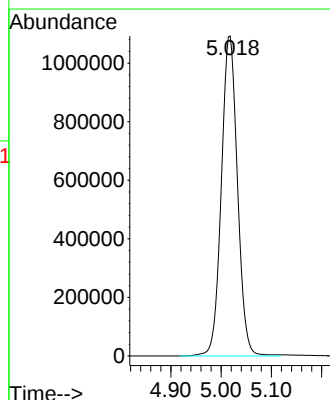
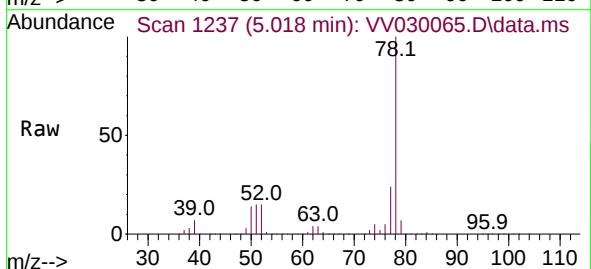
RT: 5.018 min Scan# 1237

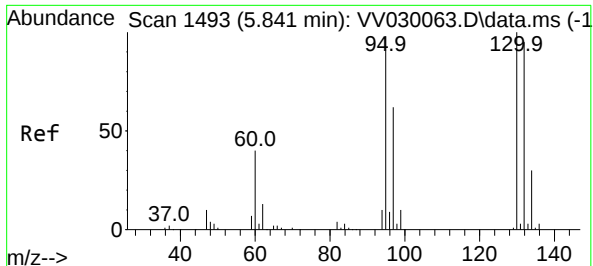
Delta R.T. -0.003 min

Lab File: VV030065.D

Acq: 17 Feb 2023 14:37

Tgt Ion: 78 Resp: 2434405





#34

Trichloroethene

Concen: 208.181 ug/L

RT: 5.838 min Scan# 1492

Delta R.T. -0.003 min

Lab File: VV030065.D

Acq: 17 Feb 2023 14:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD200212

Tgt Ion: 95 Resp: 683131

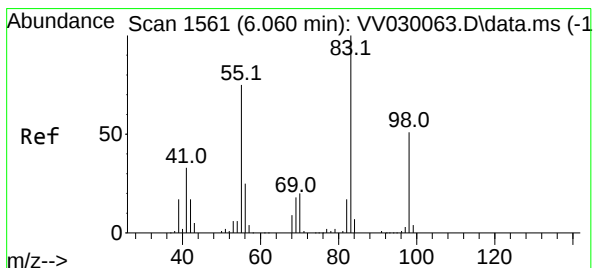
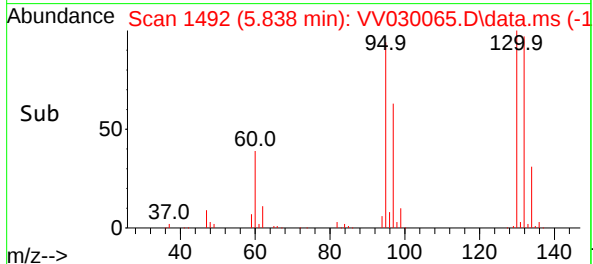
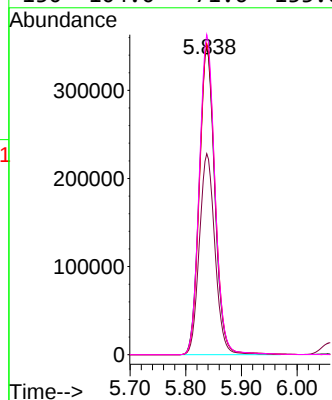
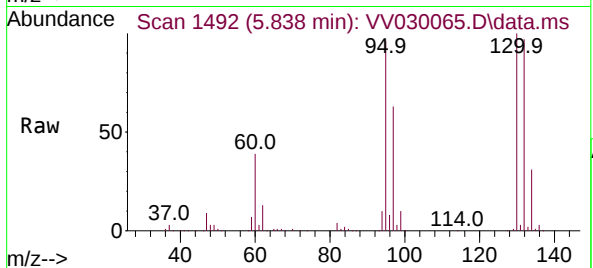
Ion Ratio Lower Upper

95 100

97 65.3 44.1 81.9

132 101.0 68.3 126.9

130 104.0 71.6 133.0



#35

Methylcyclohexane

Concen: 218.913 ug/L

RT: 6.056 min Scan# 1560

Delta R.T. -0.003 min

Lab File: VV030065.D

Acq: 17 Feb 2023 14:37

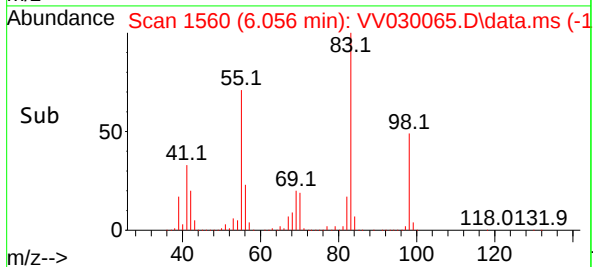
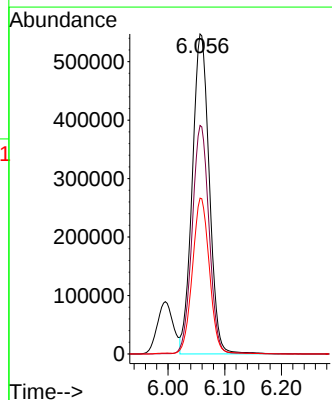
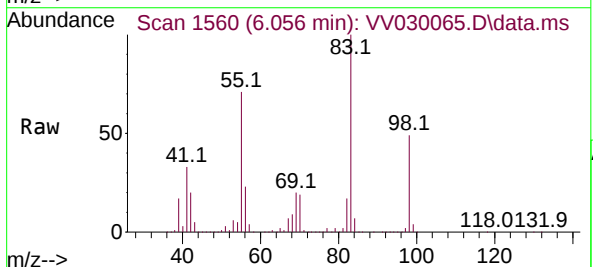
Tgt Ion: 83 Resp: 1140339

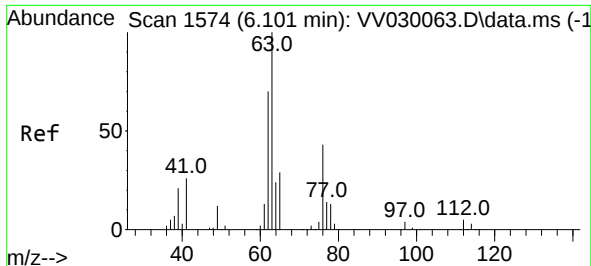
Ion Ratio Lower Upper

83 100

55 70.6 58.4 87.6

98 48.5 39.8 59.8





#37

1,2-Dichloropropane

Concen: 206.189 ug/L

RT: 6.098 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV030065.D

Acq: 17 Feb 2023 14:37

Instrument :

MSVOA_V

ClientSampleId :

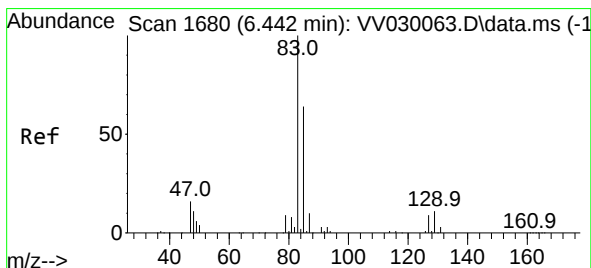
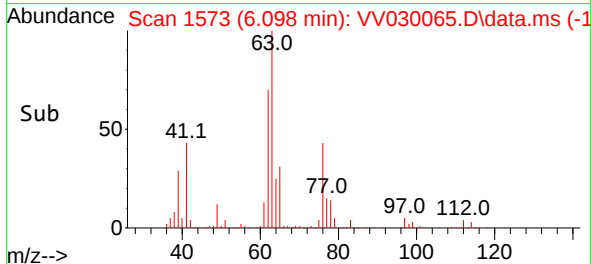
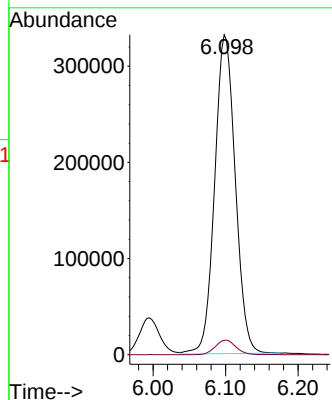
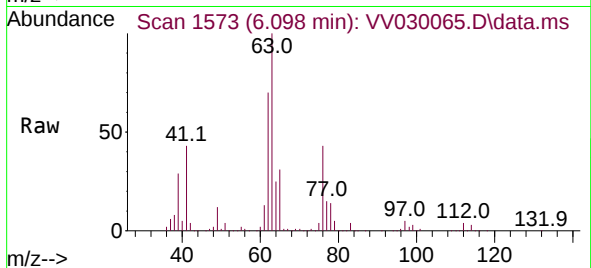
VSTD200212

Tgt Ion: 63 Resp: 654665

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 207.664 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. -0.003 min

Lab File: VV030065.D

Acq: 17 Feb 2023 14:37

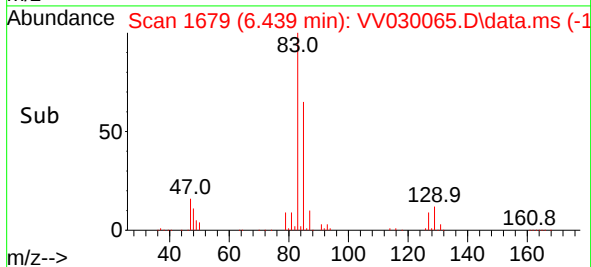
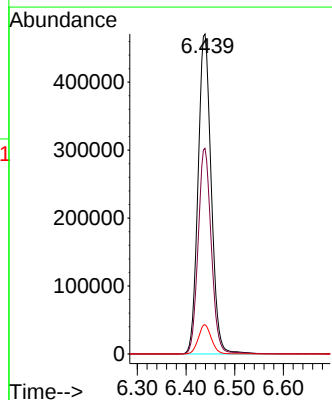
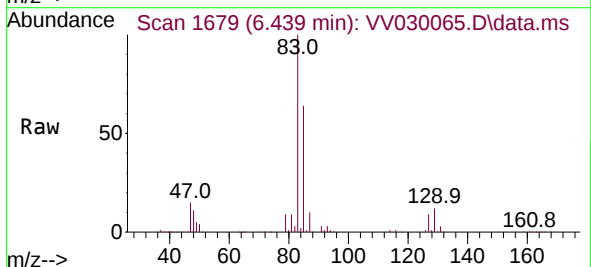
Tgt Ion: 83 Resp: 885602

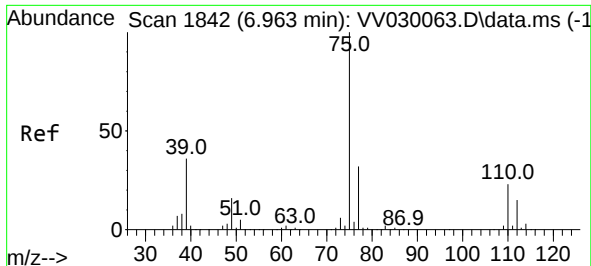
Ion Ratio Lower Upper

83 100

85 64.2 44.9 83.5

127 9.2 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 218.116 ug/L

RT: 6.960 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV030065.D

Acq: 17 Feb 2023 14:37

Instrument :

MSVOA_V

ClientSampleId :

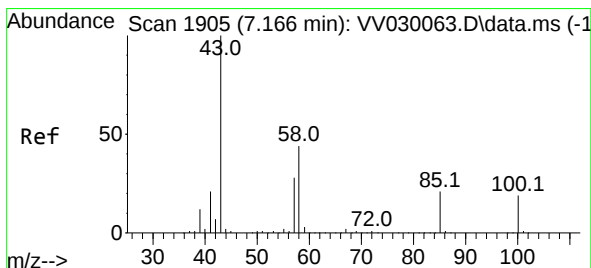
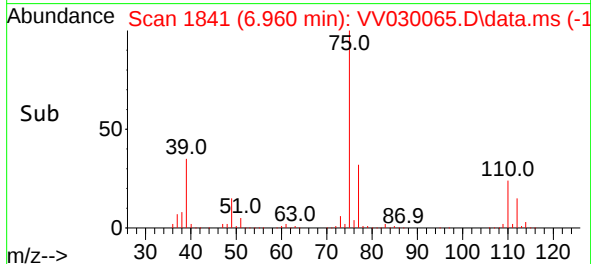
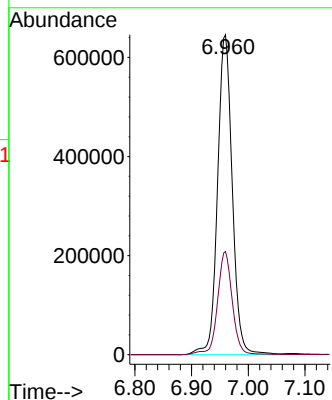
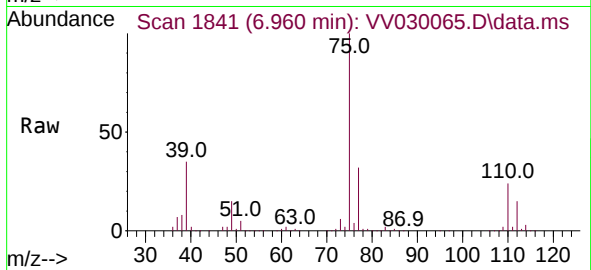
VSTD200212

Tgt Ion: 75 Resp: 1164150

Ion Ratio Lower Upper

75 100

77 32.2 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 407.358 ug/L

RT: 7.166 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VV030065.D

Acq: 17 Feb 2023 14:37

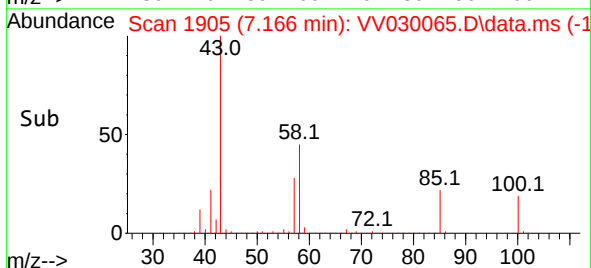
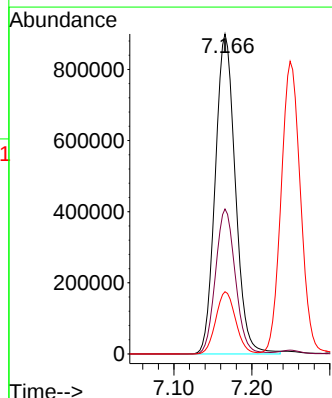
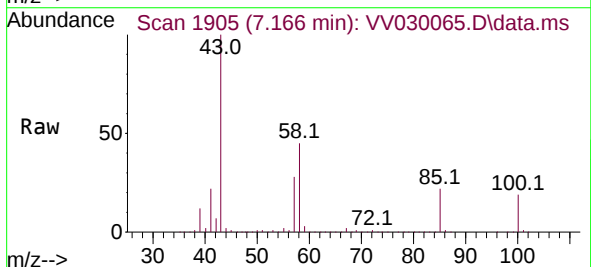
Tgt Ion: 43 Resp: 1607944

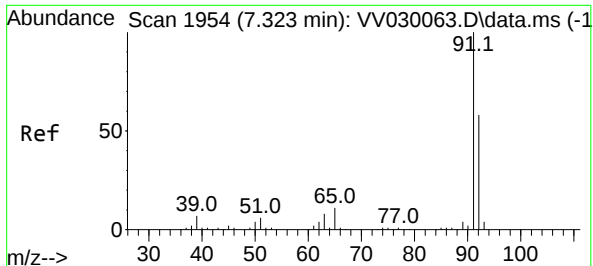
Ion Ratio Lower Upper

43 100

58 44.9 34.8 52.2

100 19.2 14.6 22.0

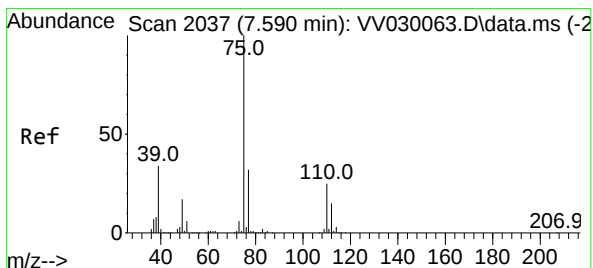
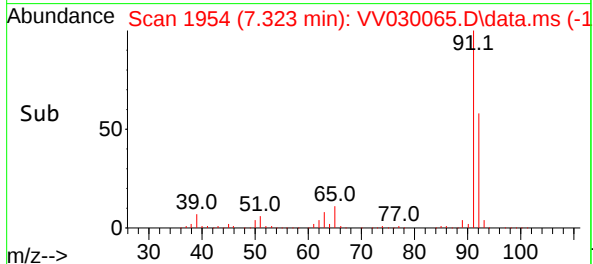
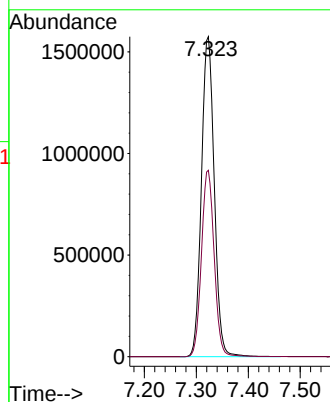
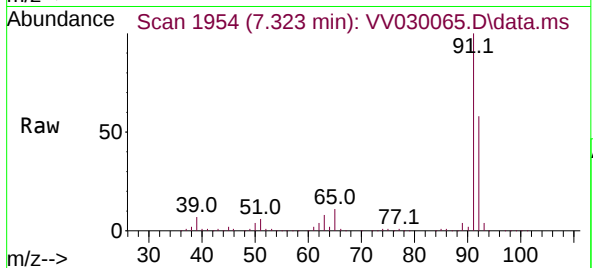




#42
Toluene
Concen: 204.333 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VV030065.D
Acq: 17 Feb 2023 14:37

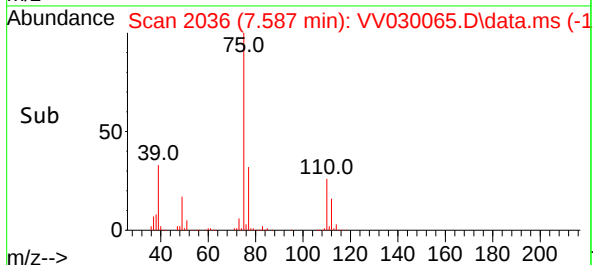
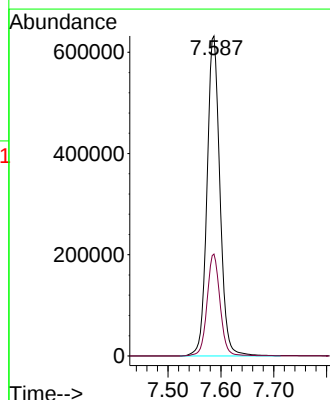
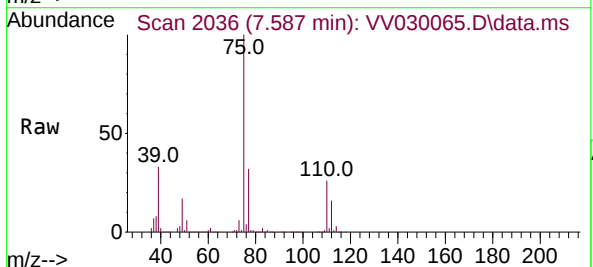
Instrument :
MSVOA_V
ClientSampleId :
VSTD200212

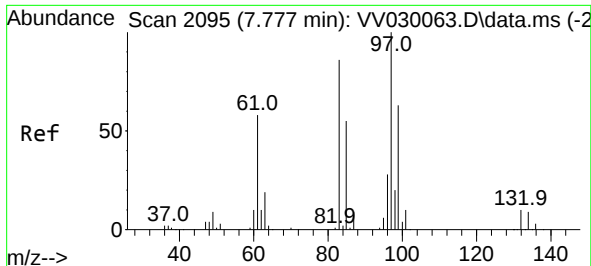
Tgt Ion: 91 Resp: 2695685
Ion Ratio Lower Upper
91 100
92 58.2 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 220.950 ug/L
RT: 7.587 min Scan# 2036
Delta R.T. -0.003 min
Lab File: VV030065.D
Acq: 17 Feb 2023 14:37

Tgt Ion: 75 Resp: 1072501
Ion Ratio Lower Upper
75 100
77 31.9 22.3 41.5



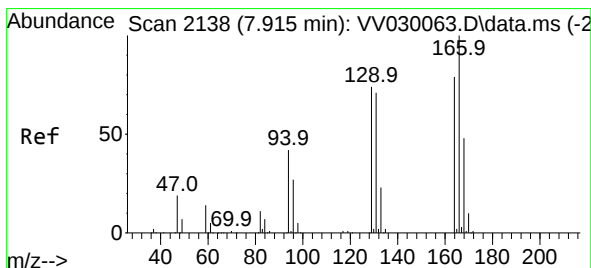
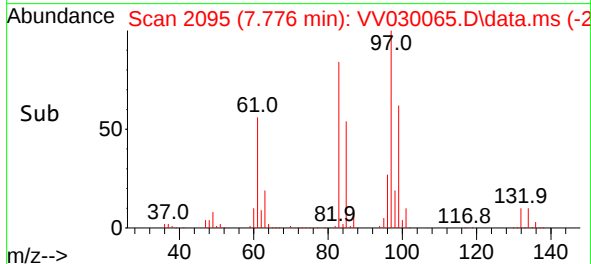
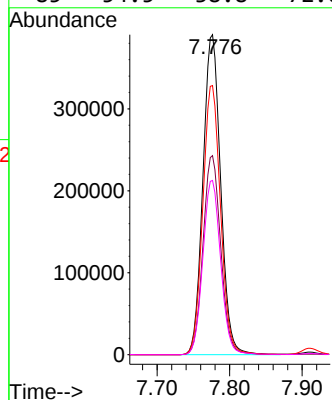
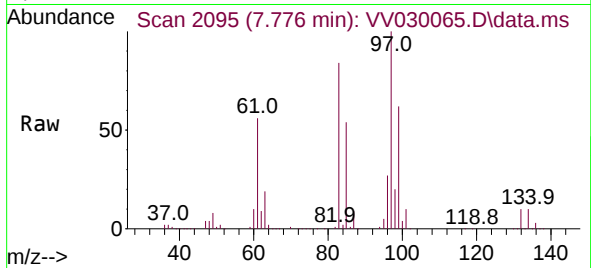


#45
1,1,2-Trichloroethane
Concen: 201.213 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. -0.000 min
Lab File: VV030065.D
Acq: 17 Feb 2023 14:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD200212

Tgt Ion: 97 Resp: 663064

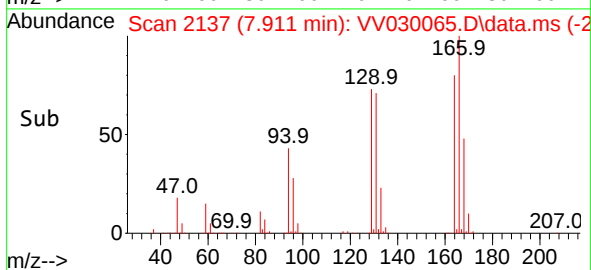
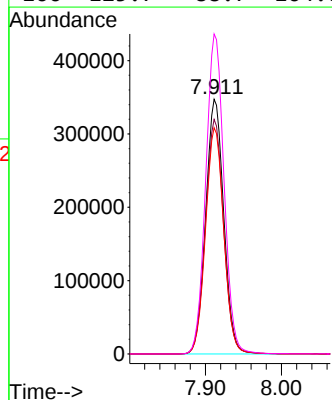
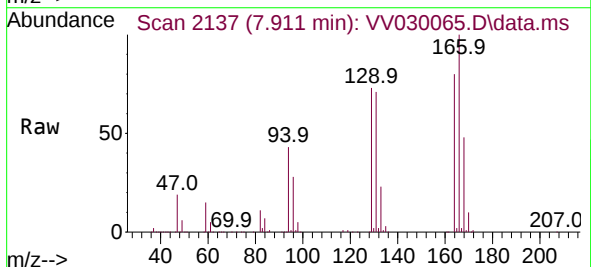
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.8	81.4
83	84.1	59.9	111.3
85	54.5	38.8	72.0

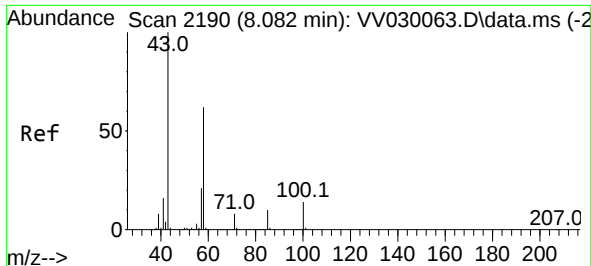


#46
Tetrachloroethene
Concen: 208.313 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VV030065.D
Acq: 17 Feb 2023 14:37

Tgt Ion: 164 Resp: 574658

Ion	Ratio	Lower	Upper
164	100		
129	92.1	65.2	121.0
131	88.8	63.1	117.3
166	125.7	88.7	164.7



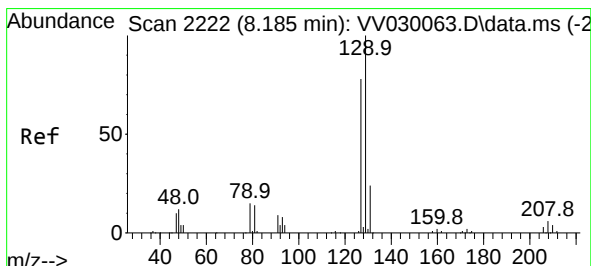
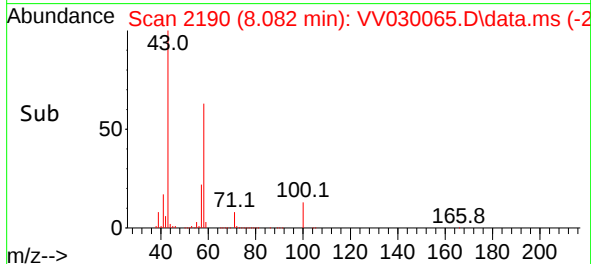
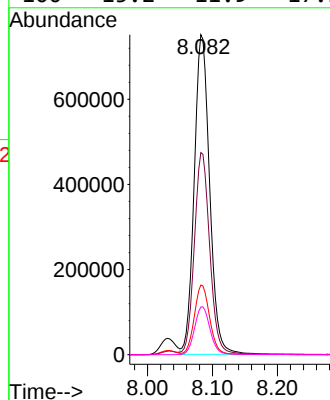
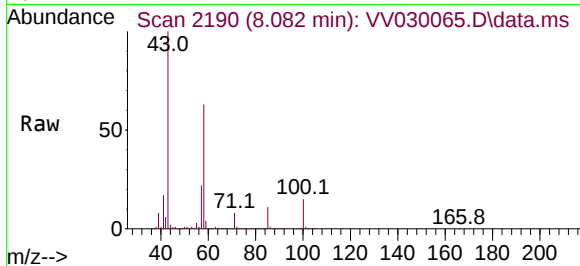


#48
2-Hexanone
Concen: 414.740 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.000 min
Lab File: VV030065.D
Acq: 17 Feb 2023 14:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD200212

Tgt Ion: 43 Resp: 1242373

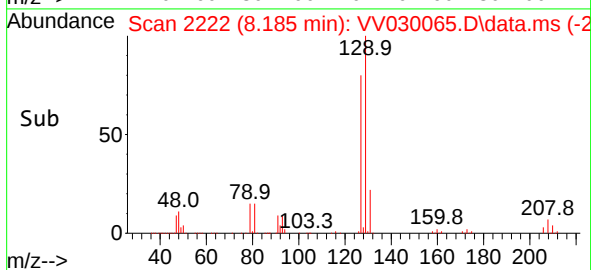
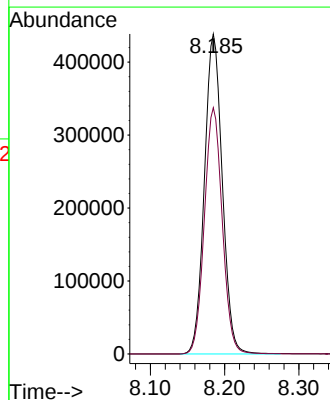
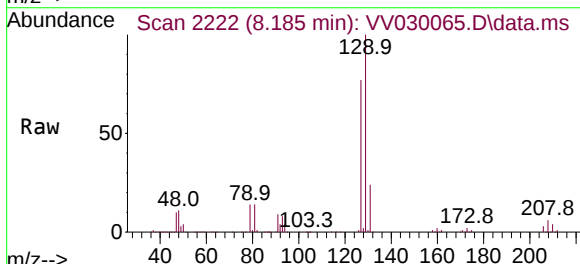
Ion	Ratio	Lower	Upper
43	100		
58	63.2	49.9	74.9
57	21.8	17.4	26.0
100	15.2	11.9	17.9

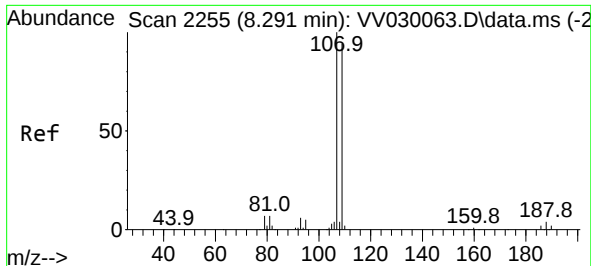


#49
Dibromochloromethane
Concen: 214.006 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. -0.000 min
Lab File: VV030065.D
Acq: 17 Feb 2023 14:37

Tgt Ion: 129 Resp: 731479

Ion	Ratio	Lower	Upper
129	100		
127	76.9	54.9	102.1





#50

1,2-Dibromoethane

Concen: 202.439 ug/L

RT: 8.288 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV030065.D

Acq: 17 Feb 2023 14:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD200212

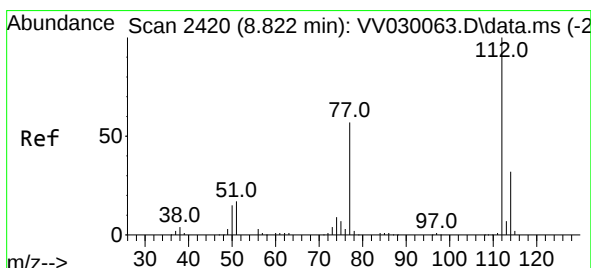
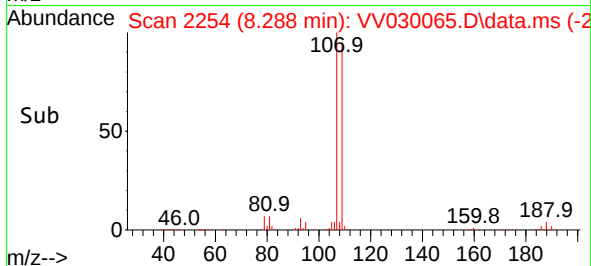
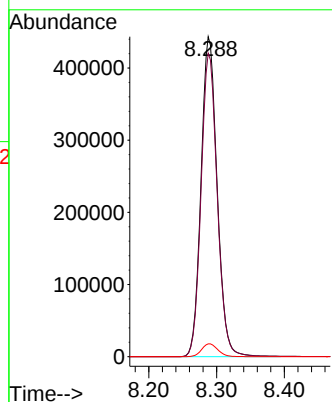
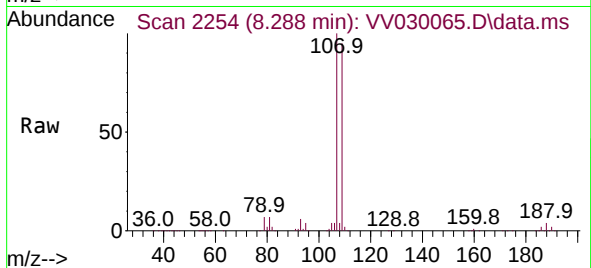
Tgt Ion:107 Resp: 731863

Ion Ratio Lower Upper

107 100

109 94.8 66.0 122.6

188 4.0 3.4 5.0



#51

Chlorobenzene

Concen: 204.085 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. -0.000 min

Lab File: VV030065.D

Acq: 17 Feb 2023 14:37

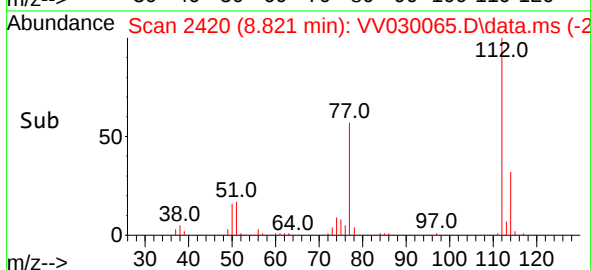
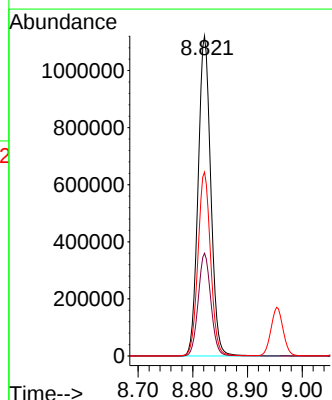
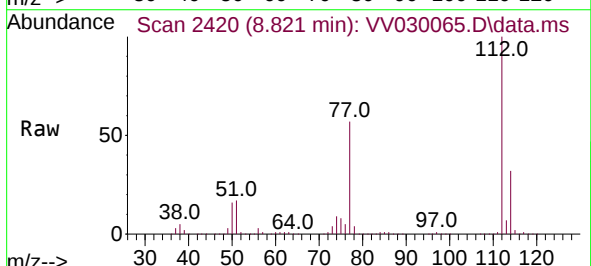
Tgt Ion:112 Resp: 1794327

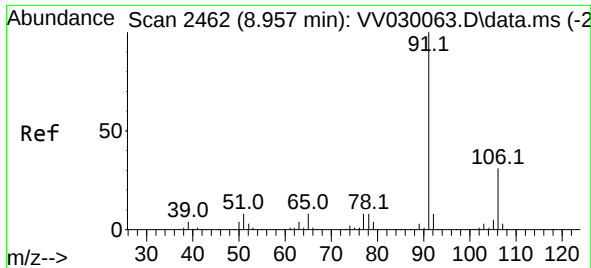
Ion Ratio Lower Upper

112 100

114 32.1 22.3 41.3

77 57.5 46.0 69.0

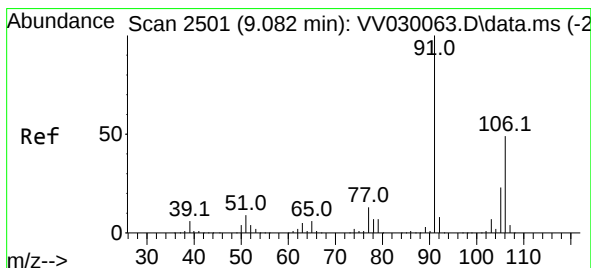
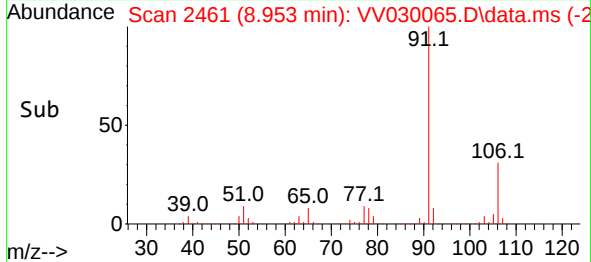
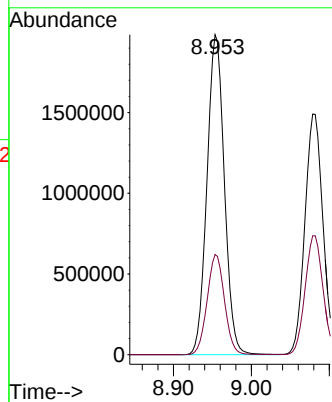
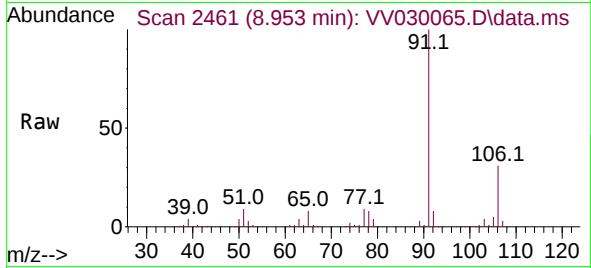




#52
Ethylbenzene
Concen: 210.312 ug/L
RT: 8.953 min Scan# 2462
Delta R.T. -0.003 min
Lab File: VV030065.D
Acq: 17 Feb 2023 14:37

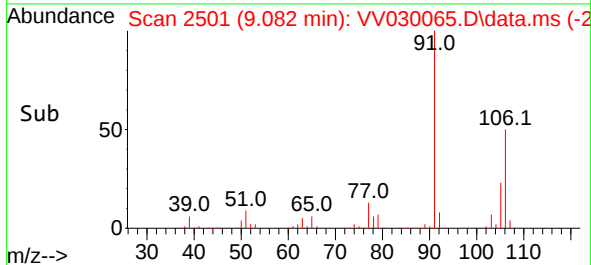
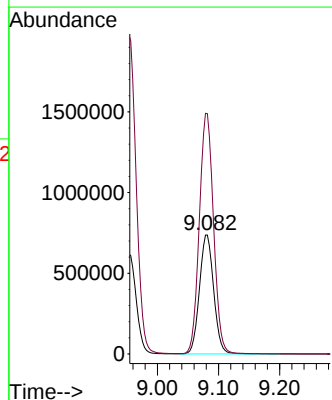
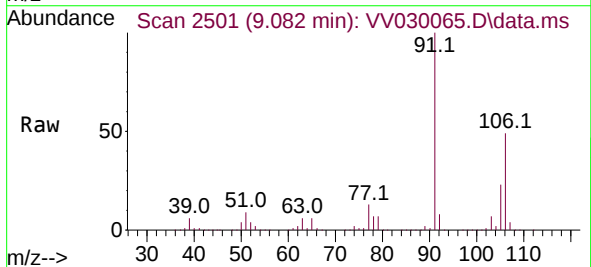
Instrument :
MSVOA_V
ClientSampleId :
VSTD200212

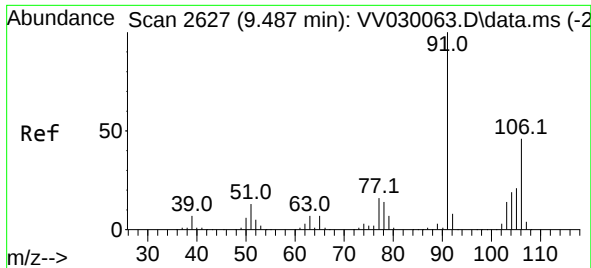
Tgt Ion: 91 Resp: 3072046
Ion Ratio Lower Upper
91 100
106 31.3 22.0 40.8



#53
m,p-Xylene
Concen: 212.673 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. -0.000 min
Lab File: VV030065.D
Acq: 17 Feb 2023 14:37

Tgt Ion:106 Resp: 1186887
Ion Ratio Lower Upper
106 100
91 202.0 142.0 263.8

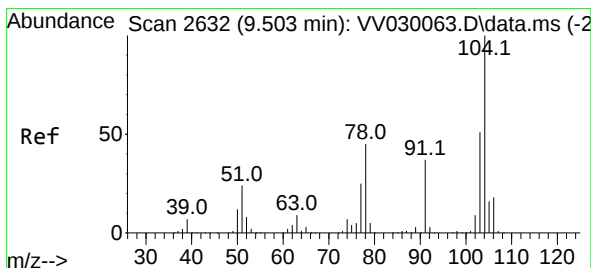
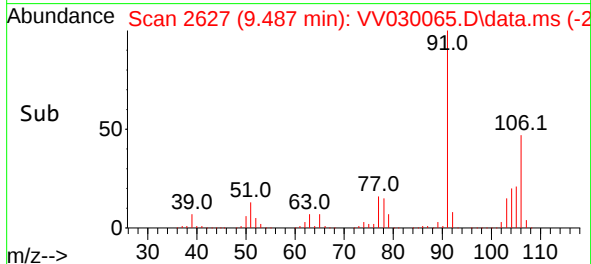
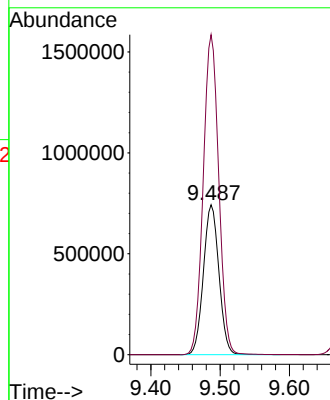
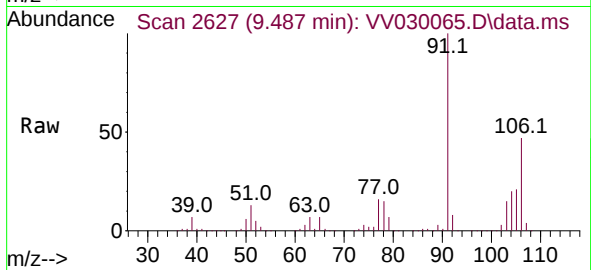




#54
o-Xylene
Concen: 214.699 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV030065.D
Acq: 17 Feb 2023 14:37

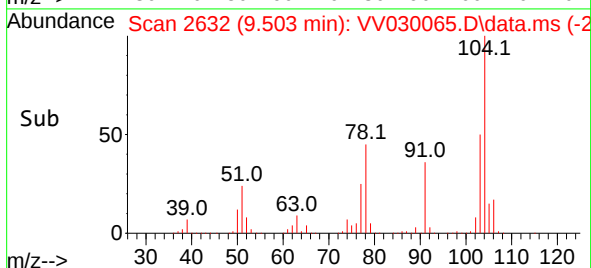
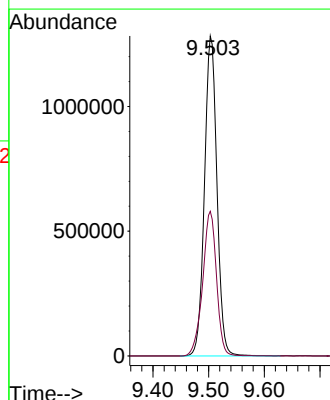
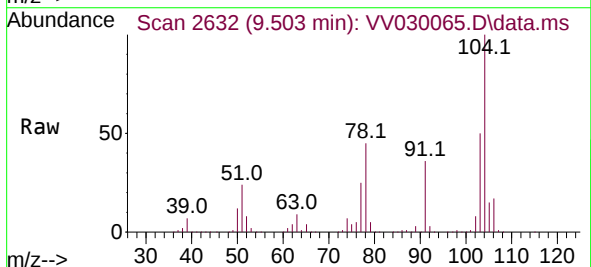
Instrument :
MSVOA_V
ClientSampleId :
VSTD200212

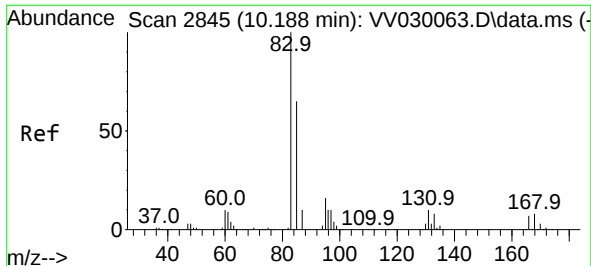
Tgt Ion:106 Resp: 1154719
Ion Ratio Lower Upper
106 100
91 213.4 151.5 281.3



#55
Styrene
Concen: 217.230 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. -0.000 min
Lab File: VV030065.D
Acq: 17 Feb 2023 14:37

Tgt Ion:104 Resp: 1995873
Ion Ratio Lower Upper
104 100
78 45.2 31.9 59.2





#57

1,1,2,2-Tetrachloroethane

Concen: 203.257 ug/L

RT: 10.188 min Scan# 2845

Delta R.T. -0.000 min

Lab File: VV030065.D

Acq: 17 Feb 2023 14:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD200212

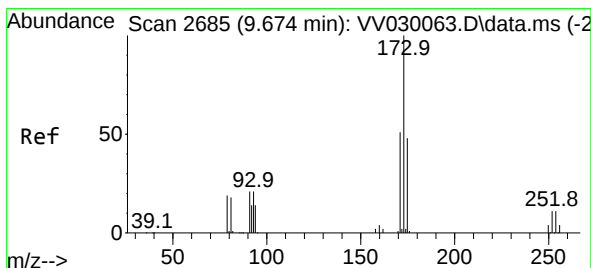
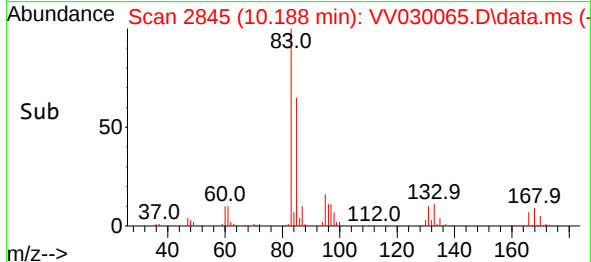
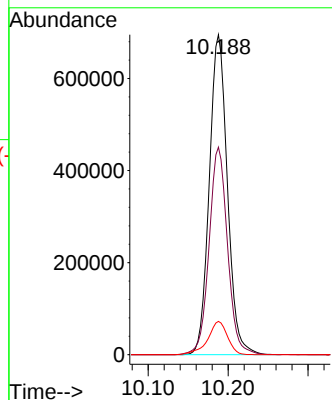
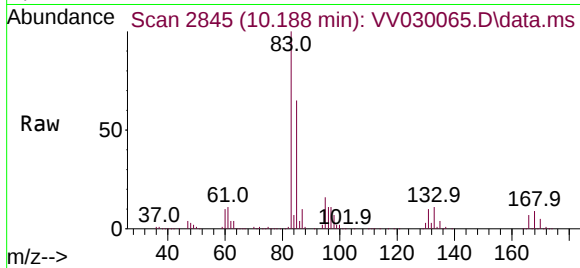
Tgt Ion: 83 Resp: 1094927

Ion Ratio Lower Upper

83 100

85 64.8 45.5 84.5

131 10.4 8.3 12.5



#59

Bromoform

Concen: 224.601 ug/L

RT: 9.673 min Scan# 2685

Delta R.T. -0.000 min

Lab File: VV030065.D

Acq: 17 Feb 2023 14:37

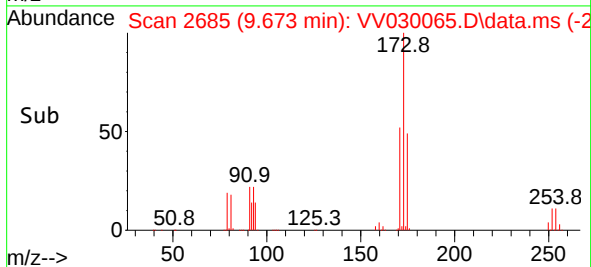
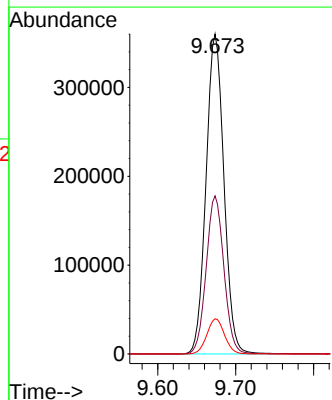
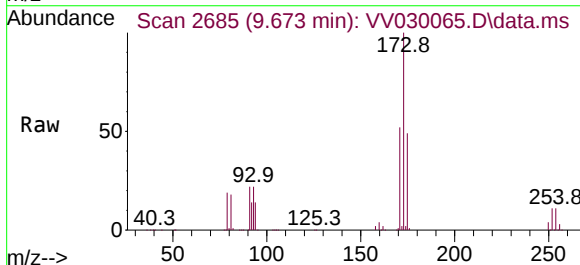
Tgt Ion:173 Resp: 574044

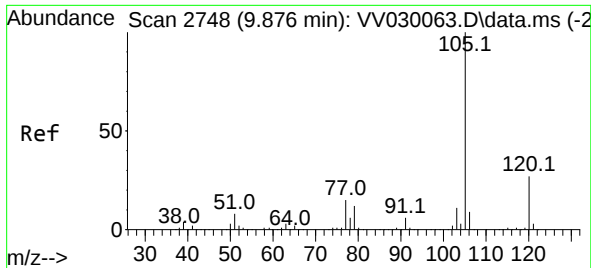
Ion Ratio Lower Upper

173 100

175 49.0 38.7 58.1

254 10.9 8.7 13.1

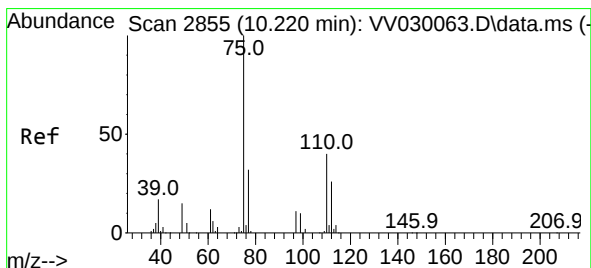
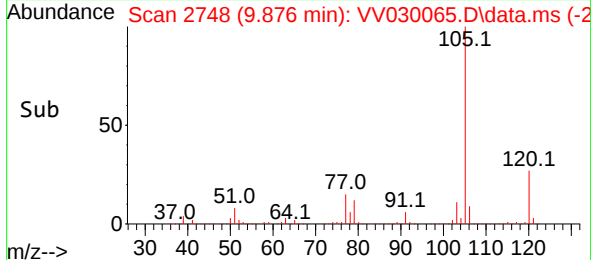
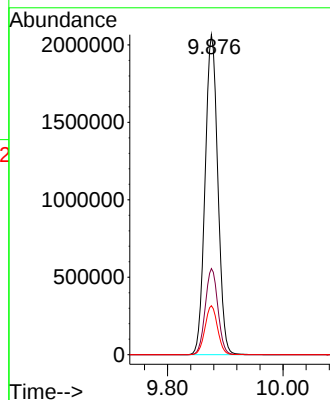
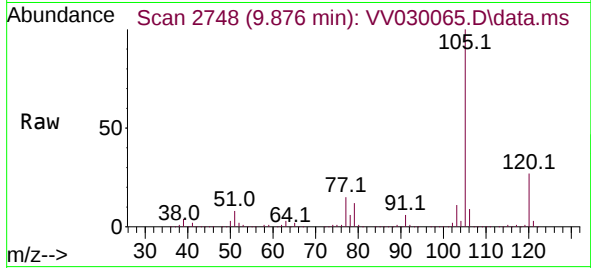




#60
Isopropylbenzene
Concen: 205.755 ug/L
RT: 9.876 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030065.D
Acq: 17 Feb 2023 14:37

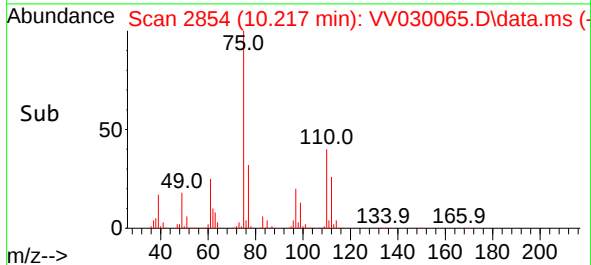
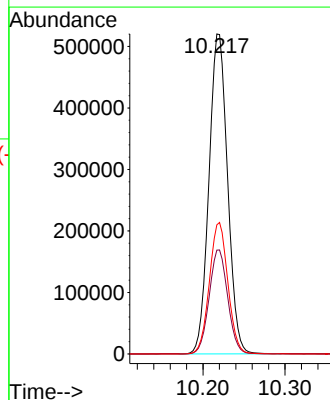
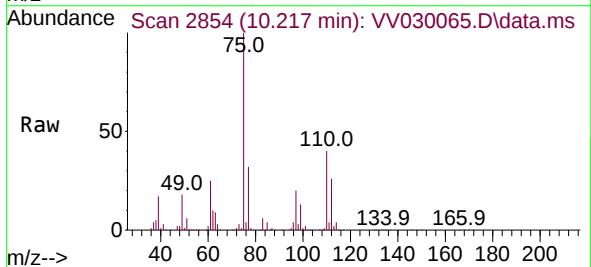
Instrument :
MSVOA_V
ClientSampleId :
VSTD200212

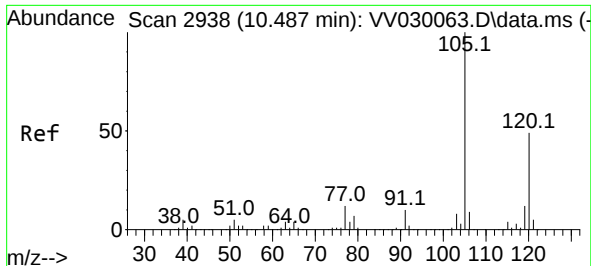
Tgt Ion:105 Resp: 3157870
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.0
77 15.1 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 192.392 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.003 min
Lab File: VV030065.D
Acq: 17 Feb 2023 14:37

Tgt Ion: 75 Resp: 821554
Ion Ratio Lower Upper
75 100
77 32.4 25.9 38.9
110 40.8 32.1 48.1





#62

1,3,5-Trimethylbenzene

Concen: 211.553 ug/L

RT: 10.487 min Scan# 2938

Delta R.T. -0.000 min

Lab File: VV030065.D

Acq: 17 Feb 2023 14:37

Instrument :

MSVOA_V

ClientSampleId :

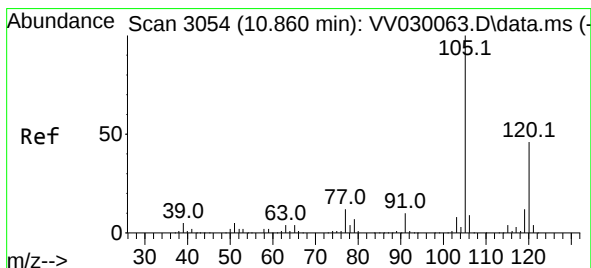
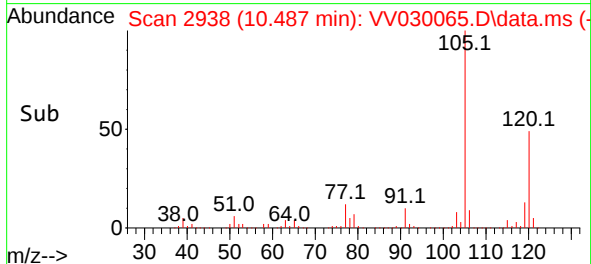
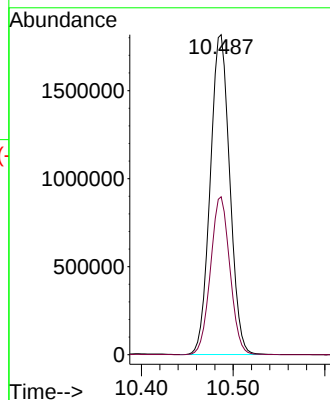
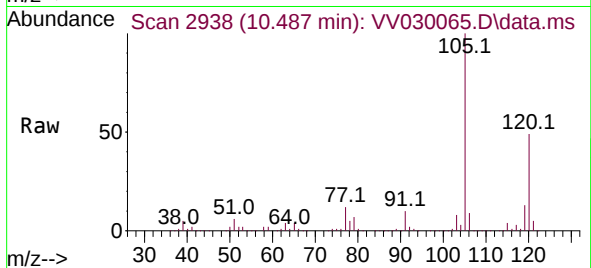
VSTD200212

Tgt Ion:105 Resp: 2689133

Ion Ratio Lower Upper

105 100

120 48.9 39.0 58.4



#63

1,2,4-Trimethylbenzene

Concen: 213.502 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. -0.000 min

Lab File: VV030065.D

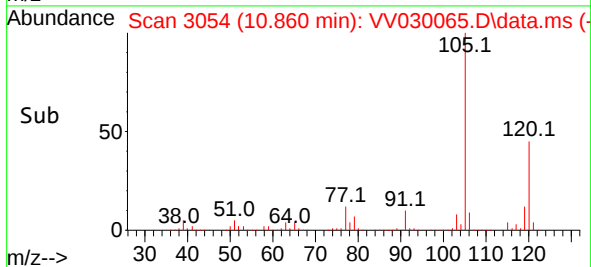
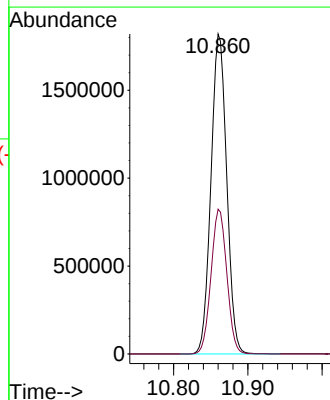
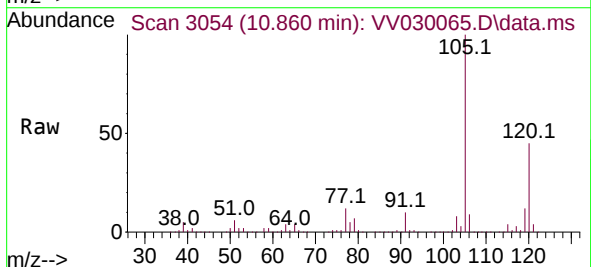
Acq: 17 Feb 2023 14:37

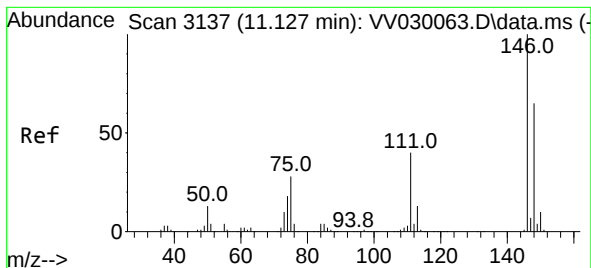
Tgt Ion:105 Resp: 2667382

Ion Ratio Lower Upper

105 100

120 45.4 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 204.412 ug/L

RT: 11.127 min Scan# 3137

Delta R.T. -0.000 min

Lab File: VV030065.D

Acq: 17 Feb 2023 14:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD200212

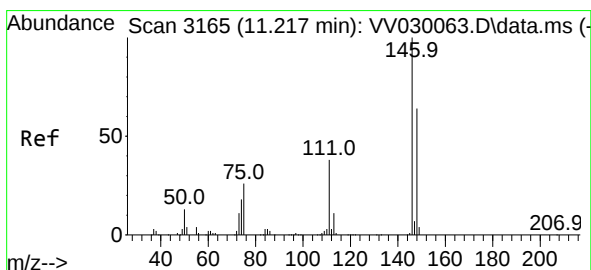
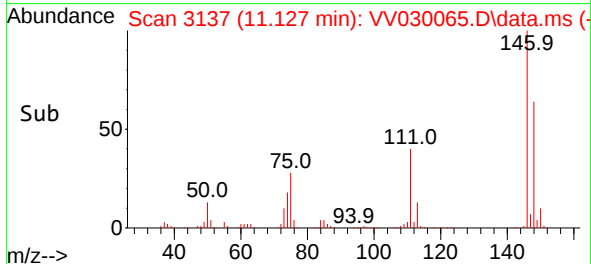
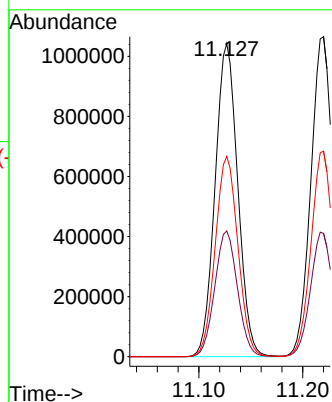
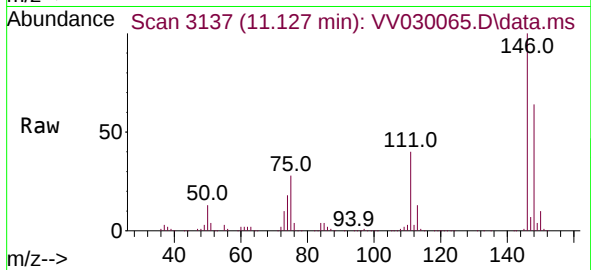
Tgt Ion:146 Resp: 1581013

Ion Ratio Lower Upper

146 100

111 40.1 28.2 52.4

148 64.0 45.3 84.1



#65

1,4-Dichlorobenzene

Concen: 202.915 ug/L

RT: 11.220 min Scan# 3166

Delta R.T. 0.003 min

Lab File: VV030065.D

Acq: 17 Feb 2023 14:37

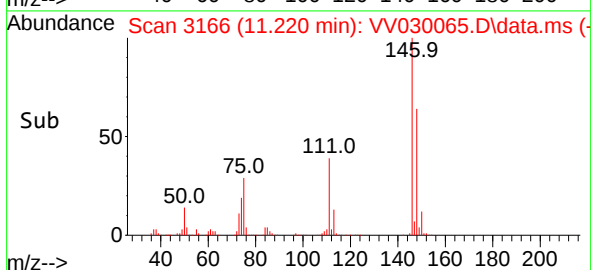
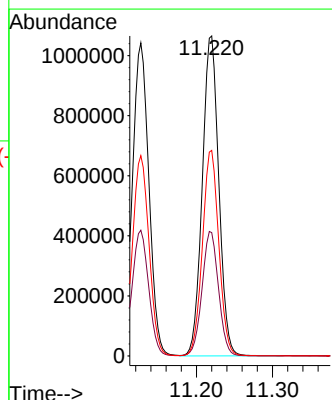
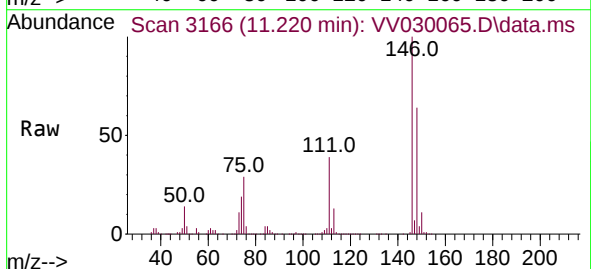
Tgt Ion:146 Resp: 1605874

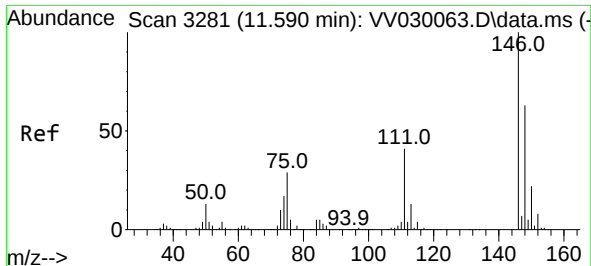
Ion Ratio Lower Upper

146 100

111 38.6 27.1 50.3

148 64.3 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 201.662 ug/L

RT: 11.590 min Scan# 3281

Delta R.T. -0.000 min

Lab File: VV030065.D

Acq: 17 Feb 2023 14:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD200212

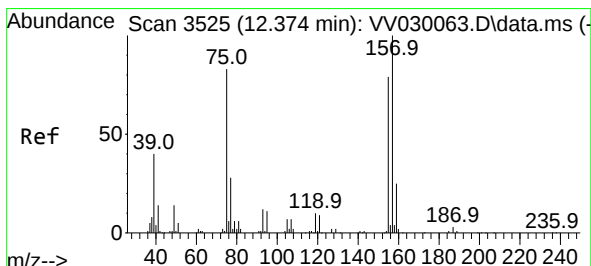
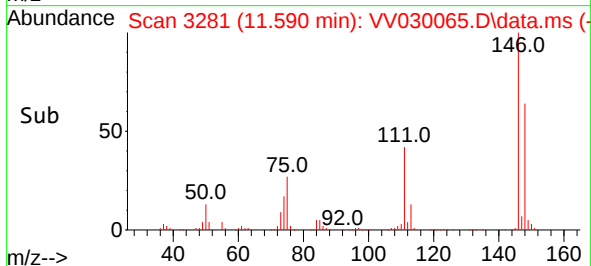
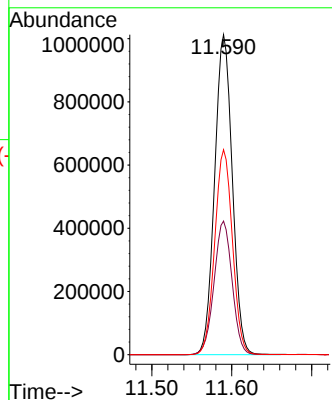
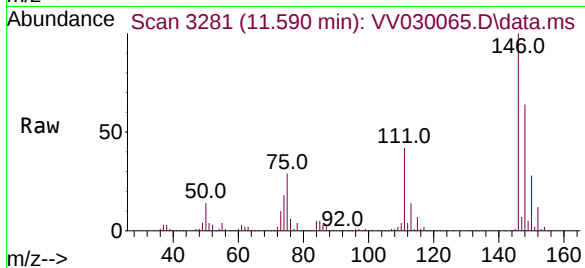
Tgt Ion:146 Resp: 1552942

Ion Ratio Lower Upper

146 100

111 41.7 33.0 49.4

148 64.1 50.7 76.1



#68

1,2-Dibromo-3-chloropropane

Concen: 200.925 ug/L

RT: 12.374 min Scan# 3525

Delta R.T. -0.000 min

Lab File: VV030065.D

Acq: 17 Feb 2023 14:37

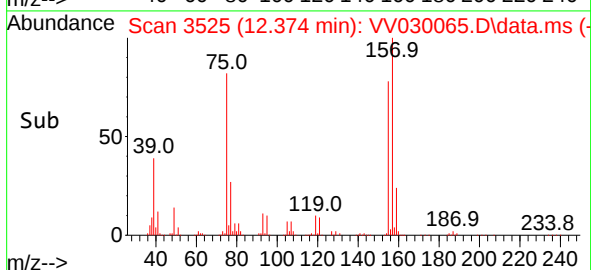
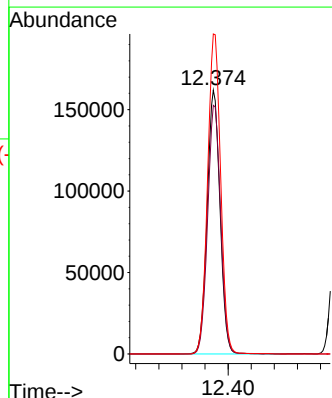
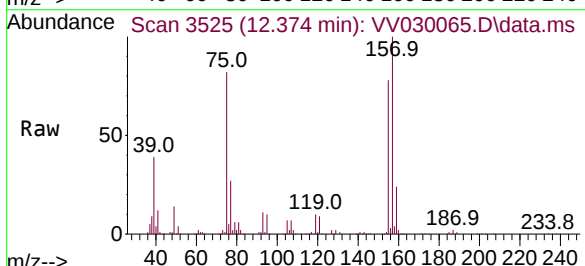
Tgt Ion: 75 Resp: 250318

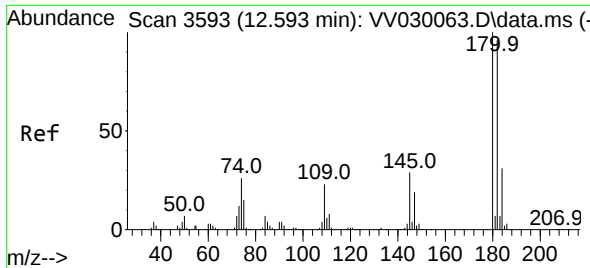
Ion Ratio Lower Upper

75 100

155 94.3 76.2 114.2

157 121.3 96.0 144.0

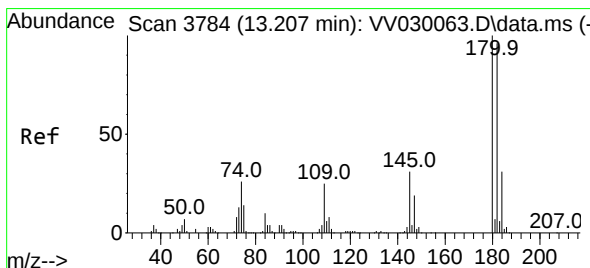
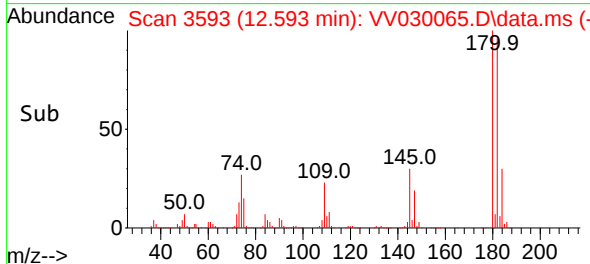
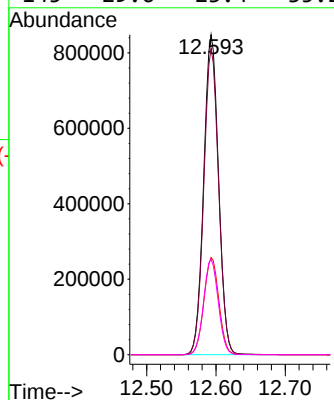
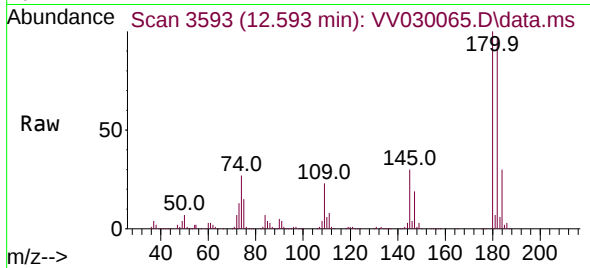




#69
 1,3,5-Trichlorobenzene
 Concen: 204.579 ug/L
 RT: 12.593 min Scan# 3593
 Delta R.T. -0.000 min
 Lab File: VV030065.D
 Acq: 17 Feb 2023 14:37

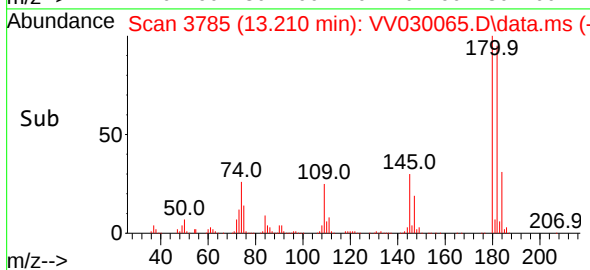
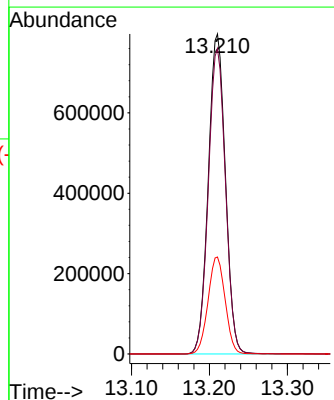
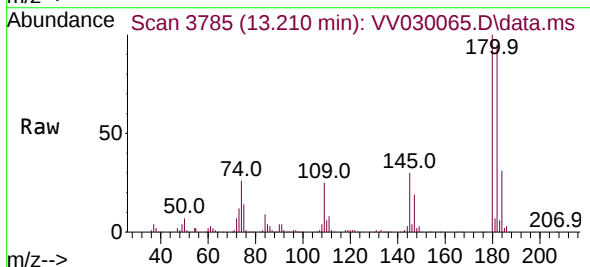
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200212

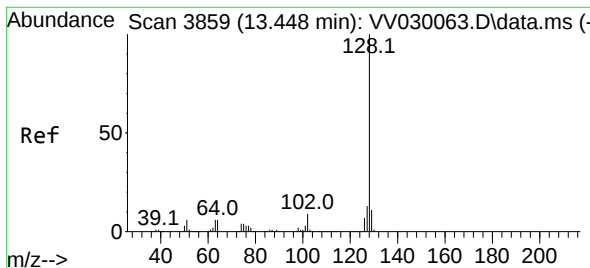
Tgt Ion:180 Resp: 1262672
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.4 114.6
 184 30.6 24.5 36.7
 145 29.6 23.4 35.2



#70
 1,2,4-trichlorobenzene
 Concen: 209.401 ug/L
 RT: 13.210 min Scan# 3785
 Delta R.T. 0.003 min
 Lab File: VV030065.D
 Acq: 17 Feb 2023 14:37

Tgt Ion:180 Resp: 1214767
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.6 114.8
 145 30.3 24.3 36.5





#71

Naphthalene

Concen: 208.420 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. -0.000 min

Lab File: VV030065.D

Acq: 17 Feb 2023 14:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD200212

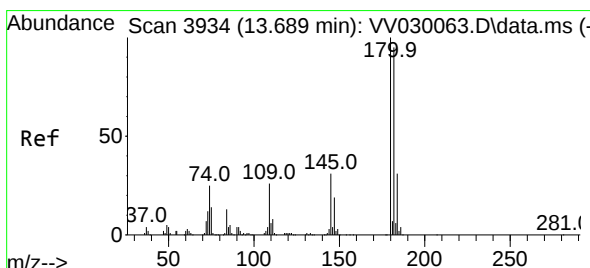
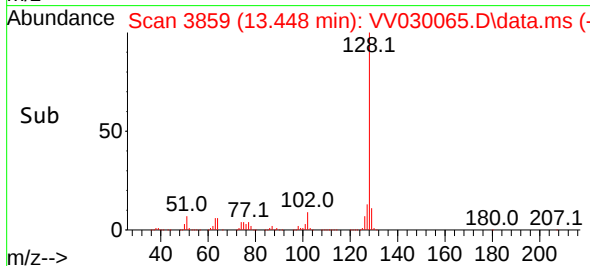
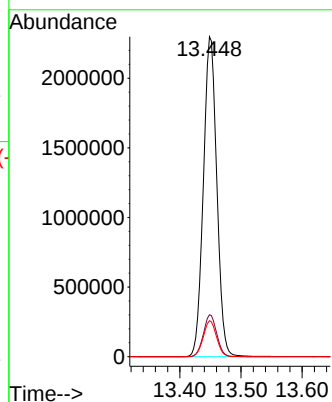
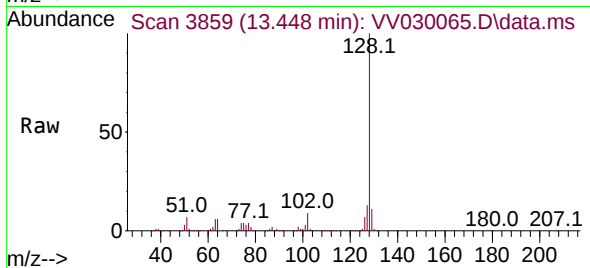
Tgt Ion:128 Resp: 3507056

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.1 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 205.231 ug/L

RT: 13.693 min Scan# 3935

Delta R.T. 0.003 min

Lab File: VV030065.D

Acq: 17 Feb 2023 14:37

Tgt Ion:180 Resp: 1168444

Ion Ratio Lower Upper

180 100

182 95.1 75.8 113.8

145 31.7 25.0 37.6

