

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021723\
 Data File : VW030061.D
 Acq On : 17 Feb 2023 11:07
 Operator : SY/MD
 Sample : VSTD00508
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005208

Quant Time: Feb 20 00:29:53 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	465180	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	460071	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	260306	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	16475	4.981	ug/L	0.00
7) Chloroethane-d5	1.535	69	13114	5.182	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.066	63	32870	5.195	ug/L	0.00
21) 2-Butanone-d5	3.809	46	17728	8.696	ug/L	0.01
24) Chloroform-d	4.259	84	30558	4.971	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.957	65	18291	5.034	ug/L	0.00
32) Benzene-d6	4.973	84	58493	4.787	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	18578	4.782	ug/L	0.00
41) Toluene-d8	7.252	98	54064	4.688	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	8174	4.233	ug/L	0.00
47) 2-Hexanone-d5	8.037	63	14526	8.019	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	26518	4.550	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.570	152	22982	4.957	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	24459	4.967	ug/L	98
3) Chloromethane	1.217	50	34001	5.381	ug/L	99
5) Vinyl chloride	1.285	62	21148	4.806	ug/L	96
6) Bromomethane	1.490	94	4315	5.395	ug/L	96
8) Chloroethane	1.552	64	12499	4.869	ug/L	95
9) Trichlorofluoromethane	1.719	101	28569	4.898	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	17720	4.964	ug/L	97
12) 1,1-Dichloroethene	2.076	96	15469	4.817	ug/L	90
13) Acetone	2.121	43	17227	10.875	ug/L	100
14) Carbon disulfide	2.246	76	45836	4.827	ug/L	98
15) Methyl Acetate	2.381	43	15399	4.675	ug/L	93
16) Methylene chloride	2.452	84	17964	5.110	ug/L	97
17) trans-1,2-Dichloroethene	2.703	96	16010	4.877	ug/L	96
18) Methyl tert-butyl Ether	2.712	73	47302	4.528	ug/L	96
19) 1,1-Dichloroethane	3.121	63	29633	4.898	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	17149	4.724	ug/L	99
22) 2-Butanone	3.889	43	17235	7.962	ug/L	99
23) Bromochloromethane	4.166	128	9295	4.802	ug/L	96
25) Chloroform	4.288	83	29507	4.784	ug/L	95
27) 1,2-Dichloroethane	5.053	62	22247	4.829	ug/L	98
29) Cyclohexane	4.590	56	24362	4.544	ug/L	99
30) 1,1,1-Trichloroethane	4.522	97	26166	4.578	ug/L	98
31) Carbon tetrachloride	4.744	117	23446	4.673	ug/L	99
33) Benzene	5.021	78	64679	4.765	ug/L	100
34) Trichloroethene	5.841	95	16843	4.559	ug/L	99
35) Methylcyclohexane	6.056	83	26030	4.438	ug/L	99
37) 1,2-Dichloropropane	6.104	63	16549	4.629	ug/L	99
38) Bromodichloromethane	6.442	83	21638	4.507	ug/L	98
39) cis-1,3-Dichloropropene	6.963	75	24929	4.149	ug/L	97
40) 4-Methyl-2-pentanone	7.169	43	36131	8.130	ug/L	97
42) Toluene	7.326	91	68045	4.581	ug/L	100
44) trans-1,3-Dichloropropene	7.593	75	22188	4.060	ug/L	100

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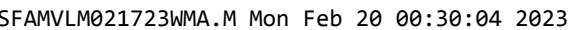
Instrument :
 MSVOA_V
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 VSTD005208

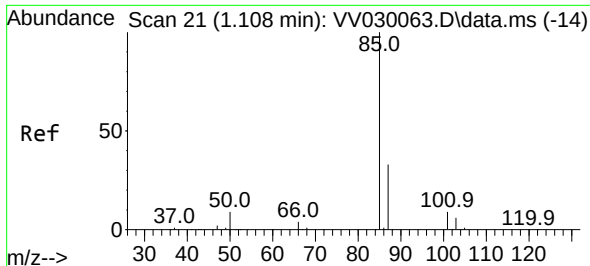
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.776	97	17419	4.695	ug/L	98
46) Tetrachloroethene	7.915	164	14406	4.638	ug/L	94
48) 2-Hexanone	8.088	43	26891	7.973	ug/L	99
49) Dibromochloromethane	8.185	129	17026	4.424	ug/L	98
50) 1,2-Dibromoethane	8.291	107	18224	4.477	ug/L	97
51) Chlorobenzene	8.825	112	47124	4.761	ug/L	99
52) Ethylbenzene	8.956	91	74855	4.552	ug/L	99
53) m,p-Xylene	9.082	106	28058	4.466	ug/L	99
54) o-Xylene	9.487	106	26391	4.358	ug/L	99
55) Styrene	9.506	104	43687	4.223	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	26685	4.400	ug/L	96
59) Bromoform	9.673	173	11164	4.331	ug/L	99
60) Isopropylbenzene	9.876	105	72063	4.655	ug/L	98
61) 1,2,3-Trichloropropane	10.220	75	20427	4.743	ug/L	99
62) 1,3,5-Trimethylbenzene	10.487	105	54317	4.237	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	52930	4.201	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	36048	4.621	ug/L	99
65) 1,4-Dichlorobenzene	11.220	146	37874	4.745	ug/L	98
67) 1,2-Dichlorobenzene	11.590	146	36679	4.723	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.374	75	5420	4.314	ug/L	96
69) 1,3,5-Trichlorobenzene	12.593	180	28422	4.566	ug/L	99
70) 1,2,4-trichlorobenzene	13.210	180	25433	4.347	ug/L	99
71) Naphthalene	13.451	128	66493	3.918	ug/L	100
72) 1,2,3-Trichlorobenzene	13.693	180	24518	4.270	ug/L	97

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

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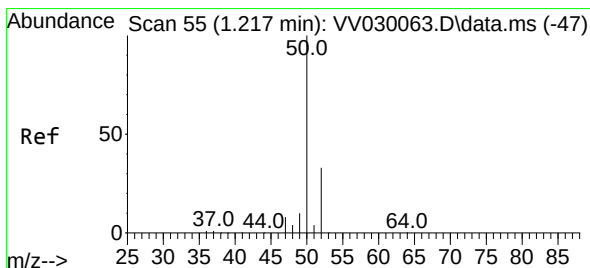
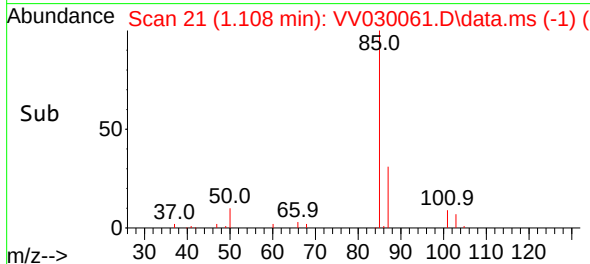
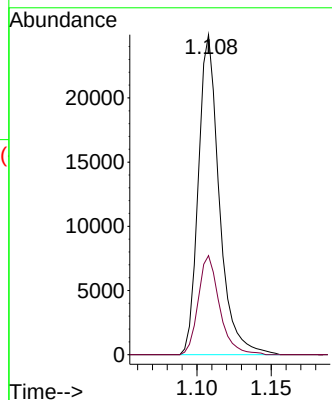
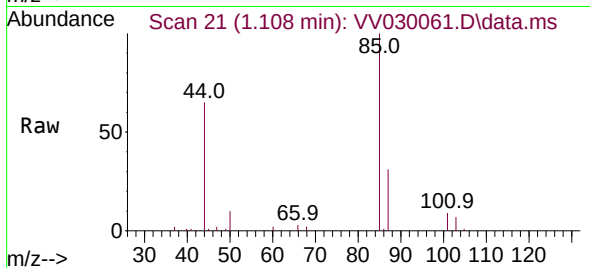




#2
 Dichlorodifluoromethane
 Concen: 4.967 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030061.D
 Acq: 17 Feb 2023 11:07

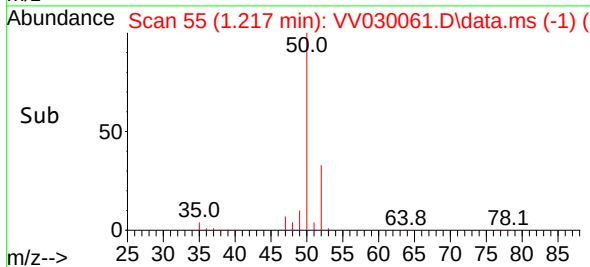
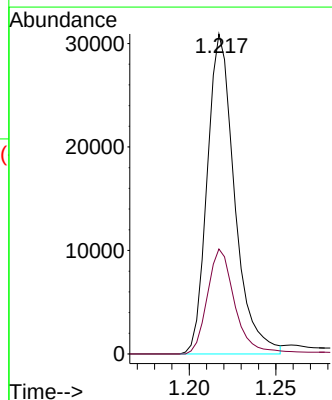
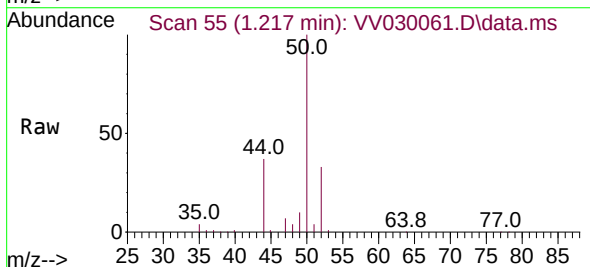
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 MSVOA_V
 ClientSampleId :
 VSTD005208

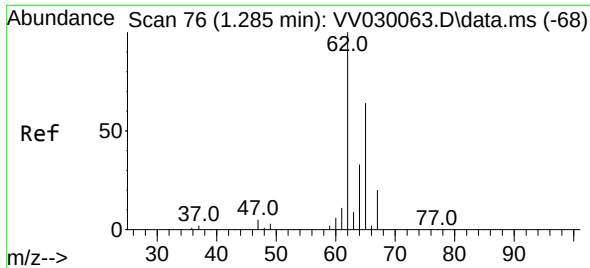
Tgt Ion: 85 Resp: 24459
 Ion Ratio Lower Upper
 85 100
 87 31.5 26.0 39.0



#3
 Chloromethane
 Concen: 5.381 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV030061.D
 Acq: 17 Feb 2023 11:07

Tgt Ion: 50 Resp: 34001
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.4 43.4

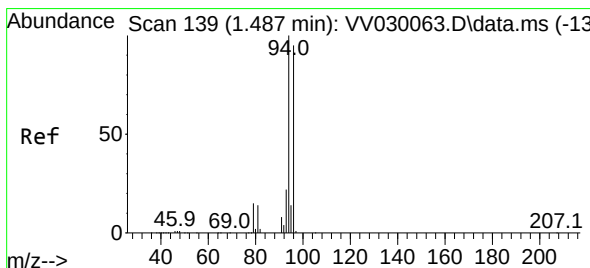
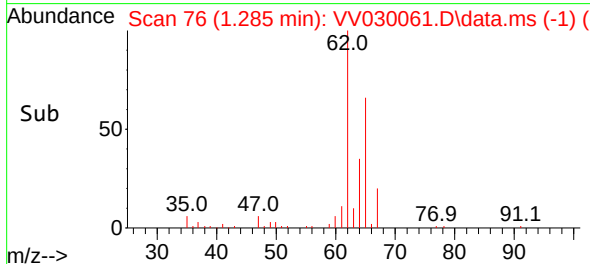
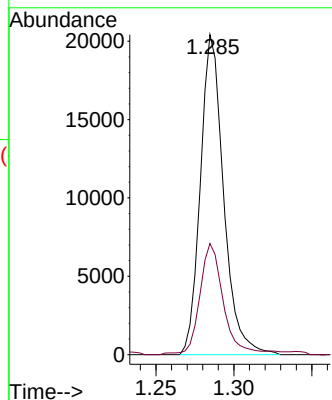
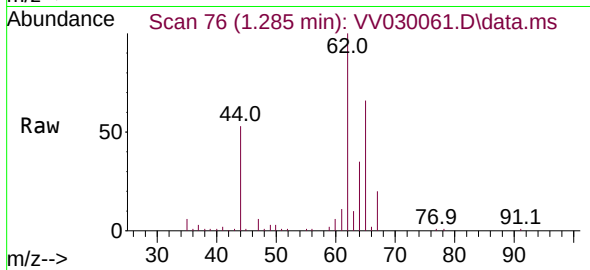




#5
 Vinyl chloride
 Concen: 4.806 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV030061.D
 Acq: 17 Feb 2023 11:07

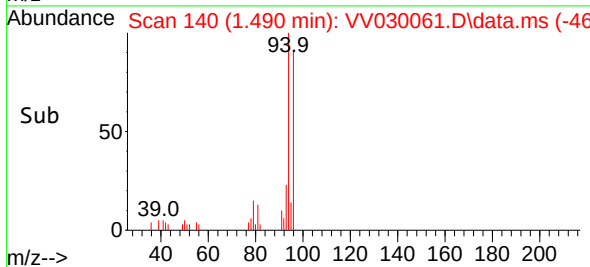
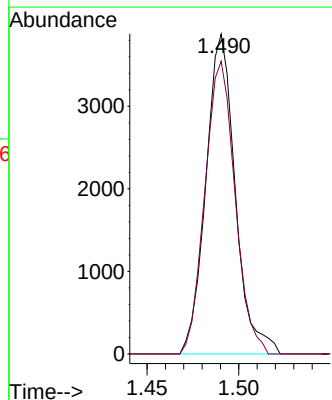
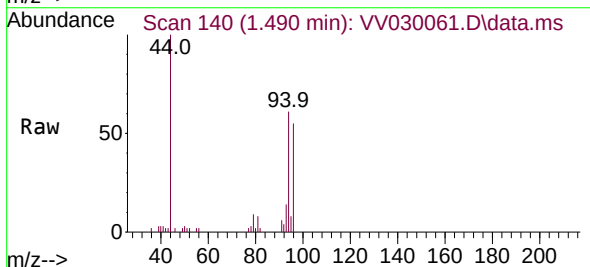
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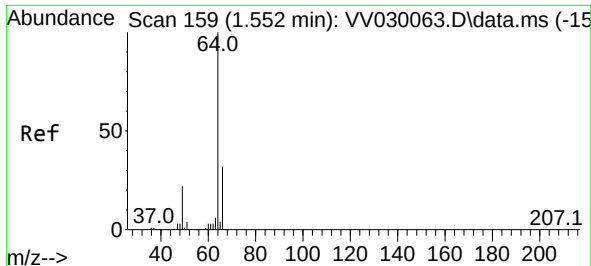
Tgt Ion: 62 Resp: 21148
 Ion Ratio Lower Upper
 62 100
 64 34.7 22.9 42.5



#6
 Bromomethane
 Concen: 5.395 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. 0.003 min
 Lab File: VV030061.D
 Acq: 17 Feb 2023 11:07

Tgt Ion: 94 Resp: 4315
 Ion Ratio Lower Upper
 94 100
 96 91.4 66.7 123.9

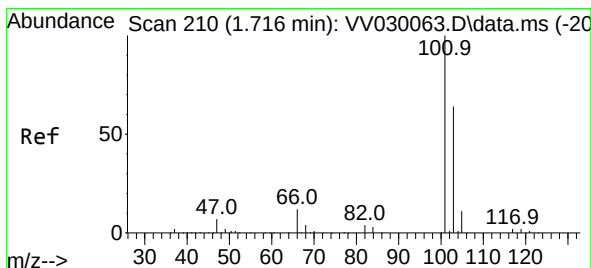
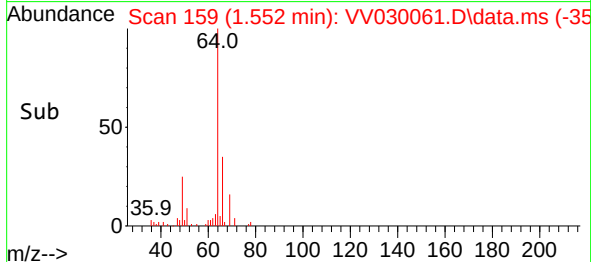
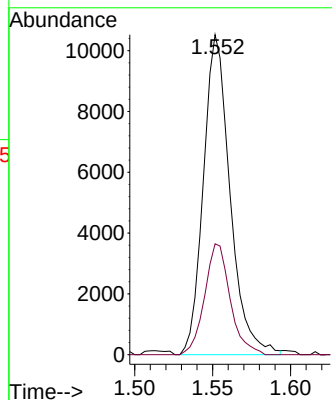
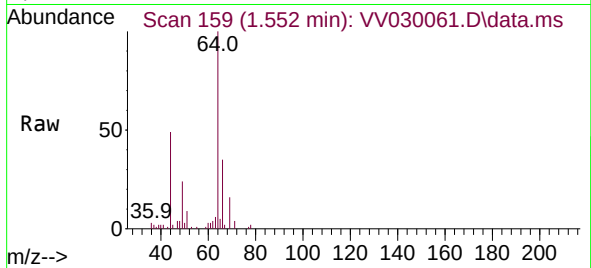




#8
Chloroethane
Concen: 4.869 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

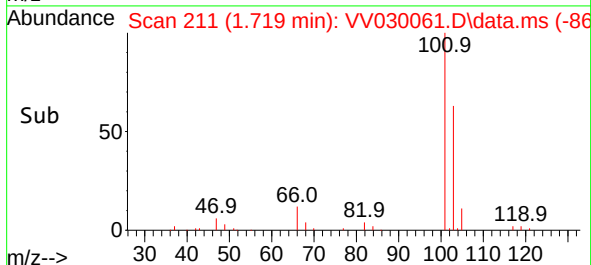
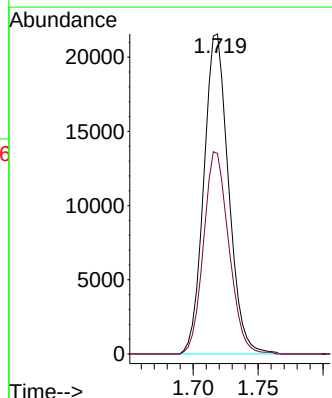
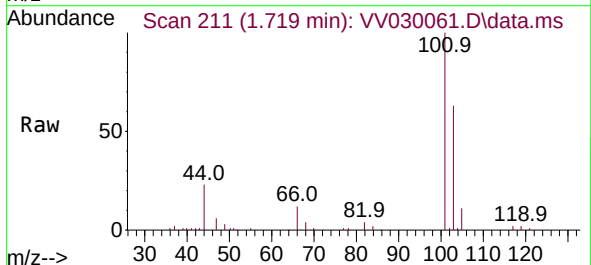
Instrument :
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ClientSampleId :
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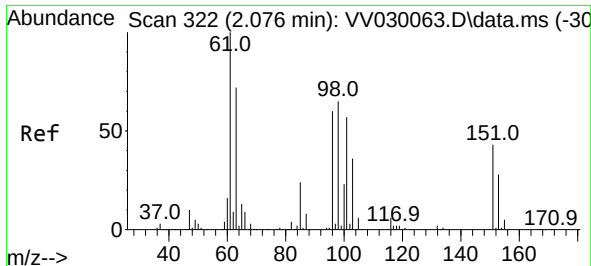
Tgt Ion: 64 Resp: 12499
Ion Ratio Lower Upper
64 100
66 34.6 22.3 41.3



#9
Trichlorofluoromethane
Concen: 4.898 ug/L
RT: 1.719 min Scan# 211
Delta R.T. 0.003 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

Tgt Ion:101 Resp: 28569
Ion Ratio Lower Upper
101 100
103 64.5 52.6 78.8

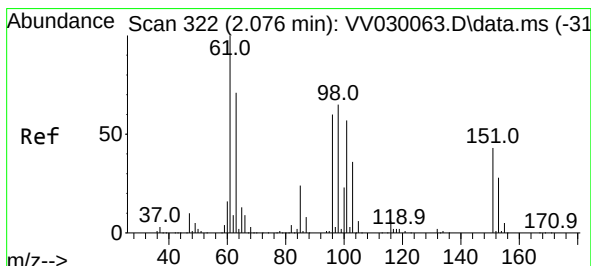
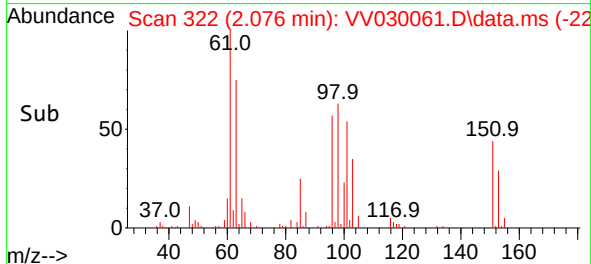
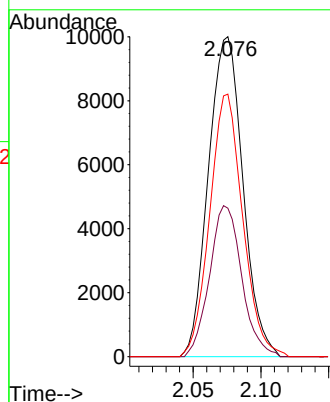
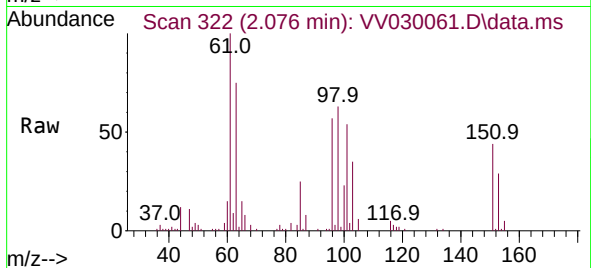




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.964 ug/L
 RT: 2.076 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VV030061.D
 Acq: 17 Feb 2023 11:07

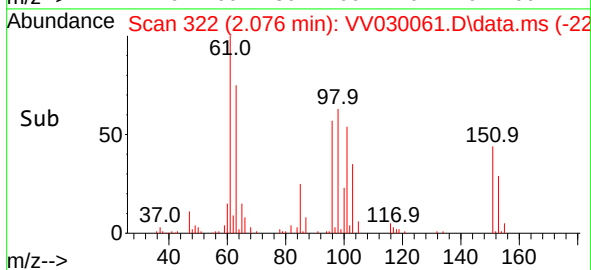
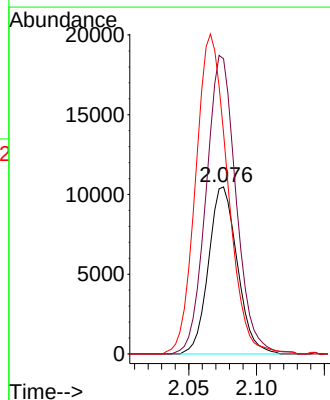
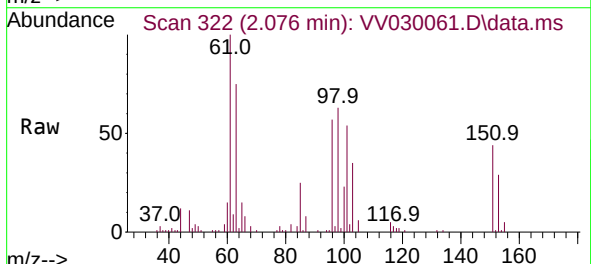
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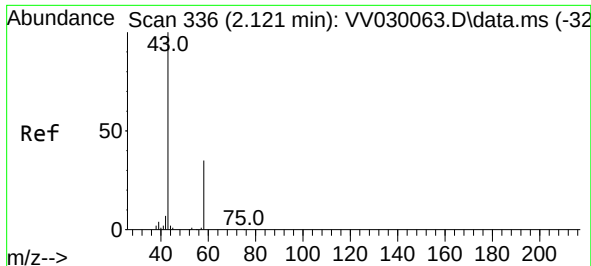
Tgt Ion:101 Resp: 17720
 Ion Ratio Lower Upper
 101 100
 85 44.0 33.4 50.2
 151 78.4 60.8 91.2



#12
 1,1-Dichloroethene
 Concen: 4.817 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. -0.000 min
 Lab File: VV030061.D
 Acq: 17 Feb 2023 11:07

Tgt Ion: 96 Resp: 15469
 Ion Ratio Lower Upper
 96 100
 61 176.7 115.8 215.2
 63 132.4 83.4 154.8





#13

Acetone

Concen: 10.875 ug/L

RT: 2.121 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030061.D

Acq: 17 Feb 2023 11:07

Instrument :

MSVOA_V

ClientSampleId :

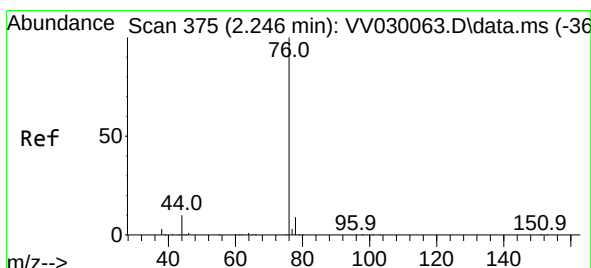
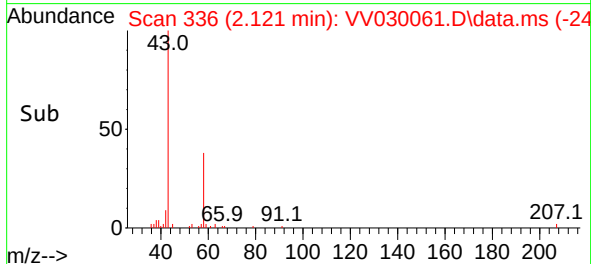
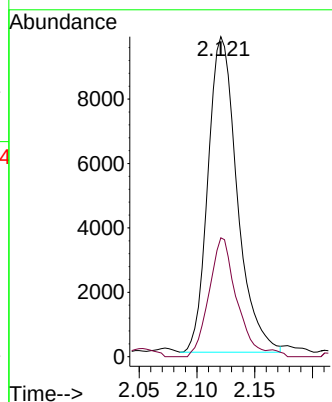
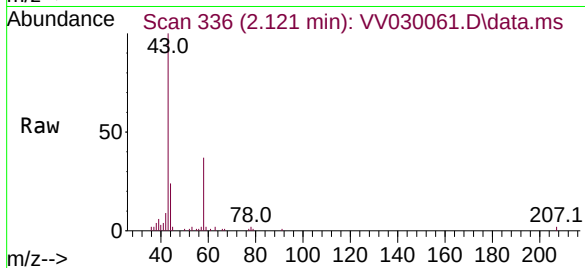
VSTD005208

Tgt Ion: 43 Resp: 17227

Ion Ratio Lower Upper

43 100

58 35.1 0.0 70.6



#14

Carbon disulfide

Concen: 4.827 ug/L

RT: 2.246 min Scan# 375

Delta R.T. -0.000 min

Lab File: VV030061.D

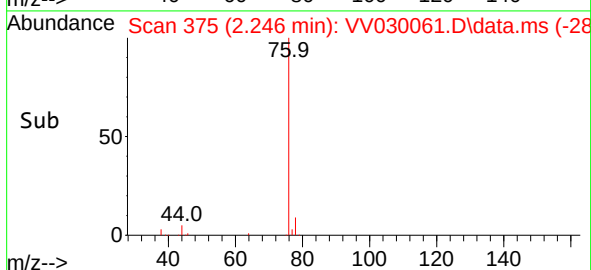
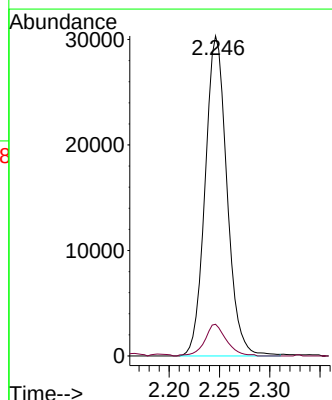
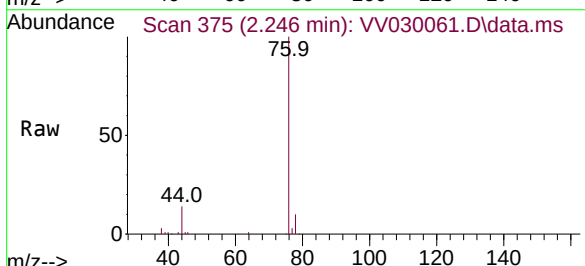
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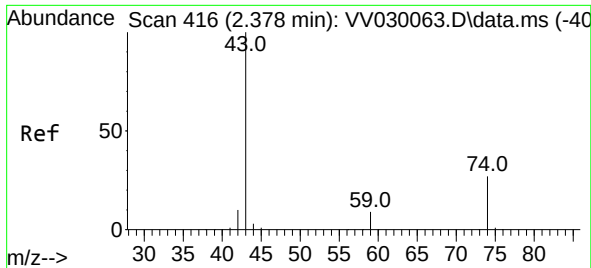
Tgt Ion: 76 Resp: 45836

Ion Ratio Lower Upper

76 100

78 9.9 7.4 11.2

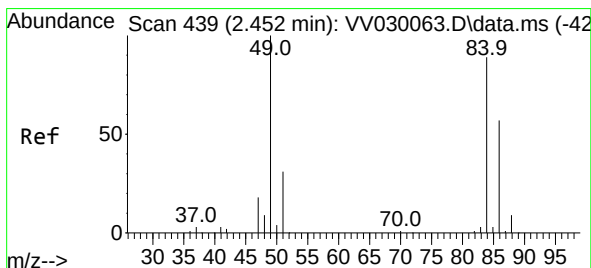
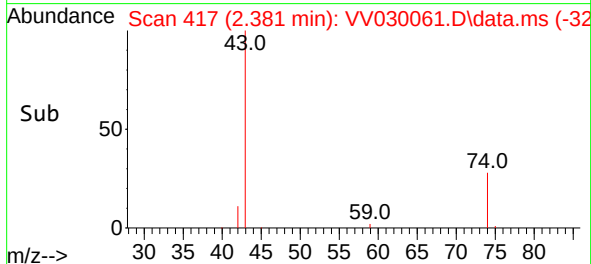
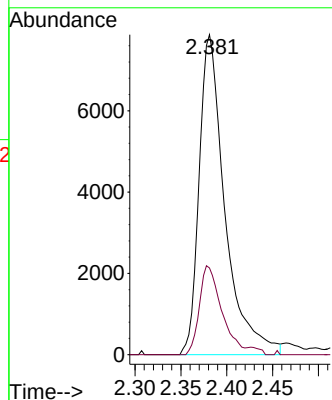
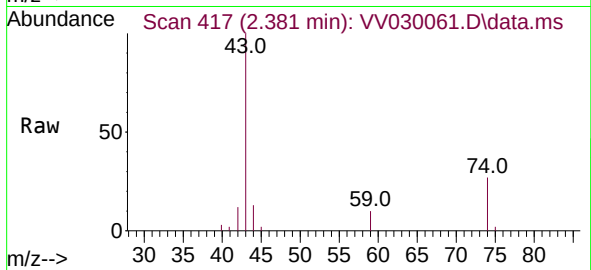




#15
Methyl Acetate
Concen: 4.675 ug/L
RT: 2.381 min Scan# 416
Delta R.T. 0.003 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

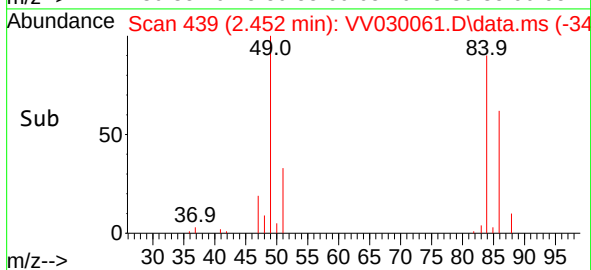
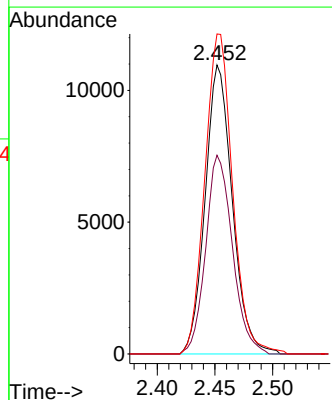
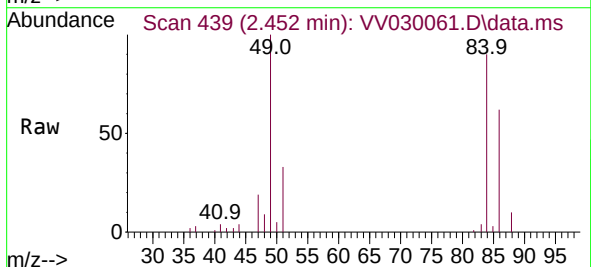
Instrument :
MSVOA_V
ClientSampleId :
VSTD005208

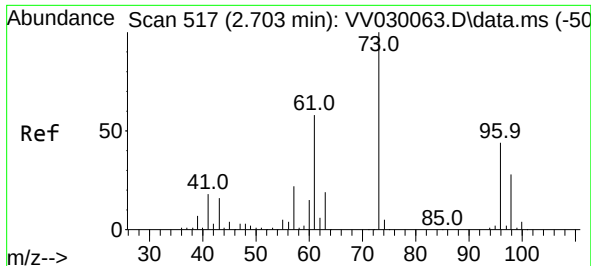
Tgt Ion: 43 Resp: 15399
Ion Ratio Lower Upper
43 100
74 23.9 21.9 32.9



#16
Methylene chloride
Concen: 5.110 ug/L
RT: 2.452 min Scan# 439
Delta R.T. -0.000 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

Tgt Ion: 84 Resp: 17964
Ion Ratio Lower Upper
84 100
86 68.8 45.1 83.7
49 110.8 78.7 146.1





#17

trans-1,2-Dichloroethene

Concen: 4.877 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV030061.D

Acq: 17 Feb 2023 11:07

Instrument :

MSVOA_V

ClientSampleId :

VSTD005208

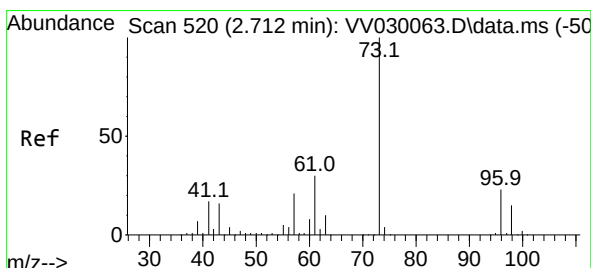
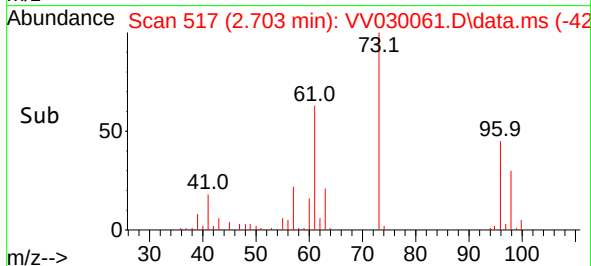
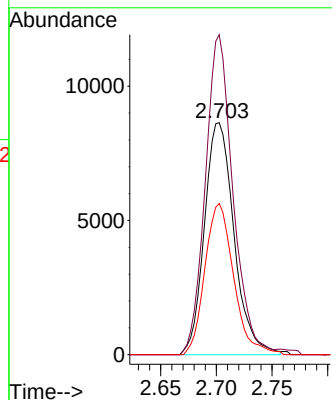
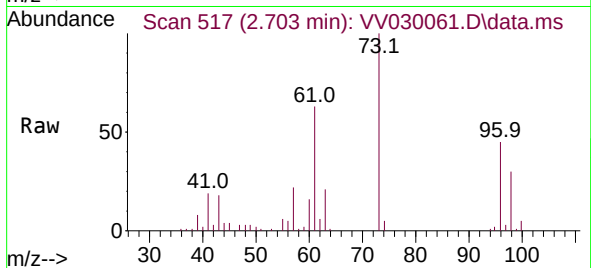
Tgt Ion: 96 Resp: 16010

Ion Ratio Lower Upper

96 100

61 137.9 93.3 173.3

98 65.1 44.1 81.9



#18

Methyl tert-butyl Ether

Concen: 4.528 ug/L

RT: 2.712 min Scan# 520

Delta R.T. -0.000 min

Lab File: VV030061.D

Acq: 17 Feb 2023 11:07

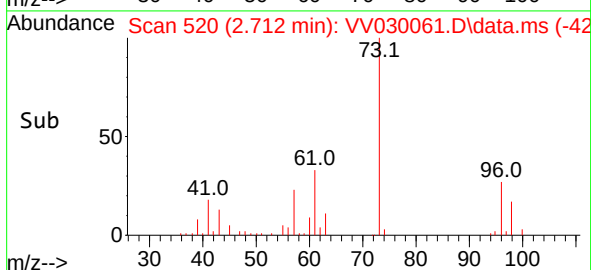
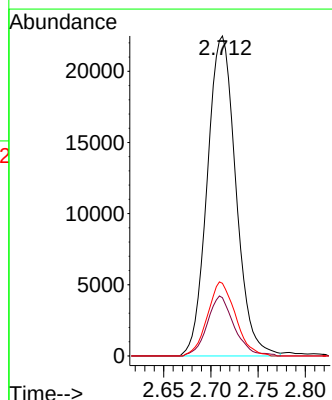
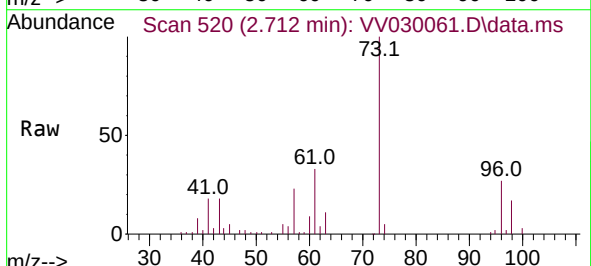
Tgt Ion: 73 Resp: 47302

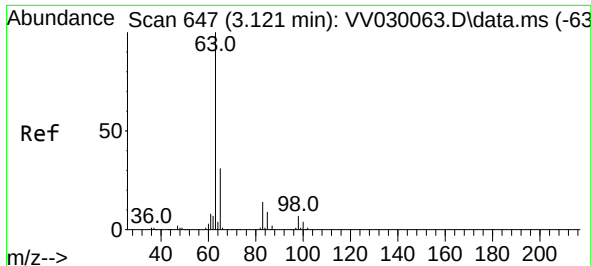
Ion Ratio Lower Upper

73 100

43 17.6 12.7 19.1

57 22.7 17.0 25.4

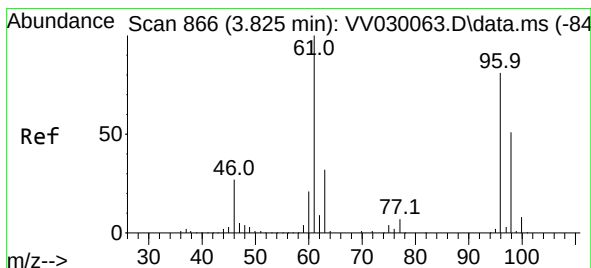
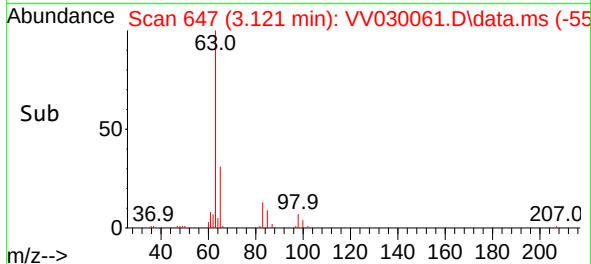
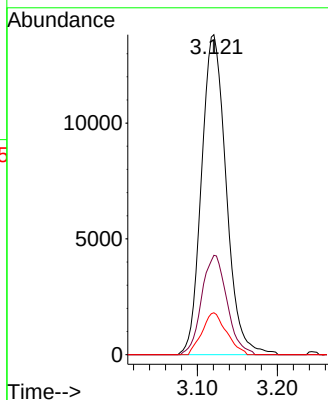
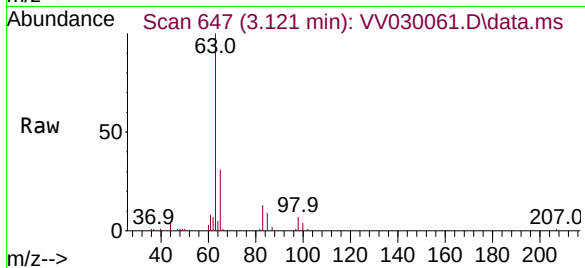




#19
1,1-Dichloroethane
Concen: 4.898 ug/L
RT: 3.121 min Scan# 647
Delta R.T. -0.000 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

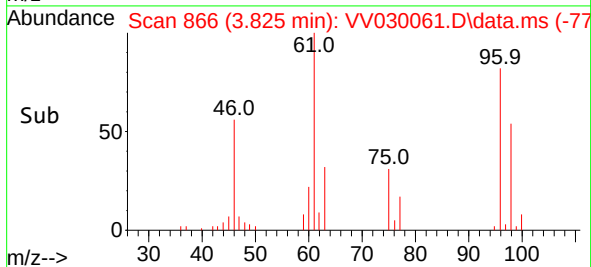
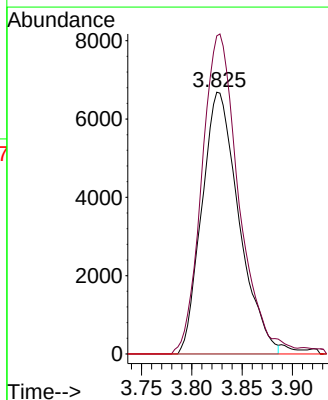
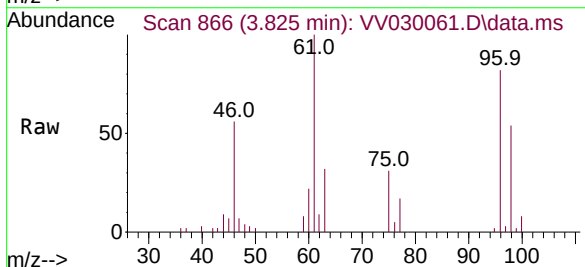
Instrument :
MSVOA_V
ClientSampleId :
VSTD005208

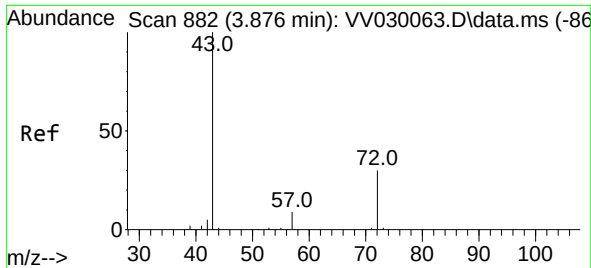
Tgt Ion:	63	Resp:	29633
Ion	Ratio	Lower	Upper
63	100		
65	31.1	22.0	41.0
83	13.1	9.6	17.8



#20
cis-1,2-Dichloroethene
Concen: 4.724 ug/L
RT: 3.825 min Scan# 866
Delta R.T. -0.000 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

Tgt Ion:	96	Resp:	17149
Ion	Ratio	Lower	Upper
96	100		
61	121.5	86.0	159.6
68	0.0	0.0	0.0

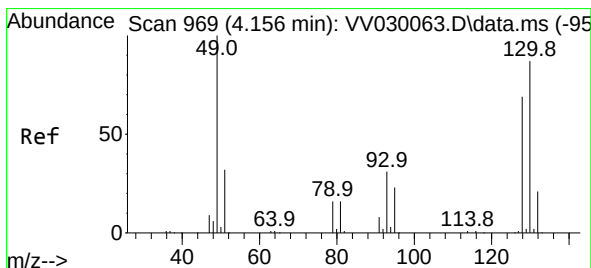
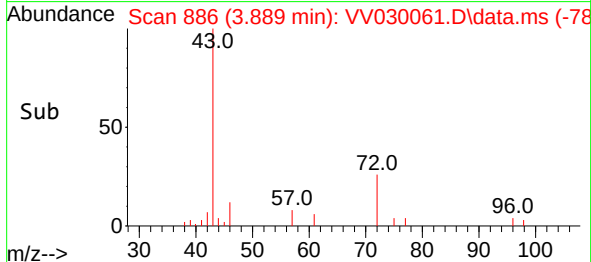
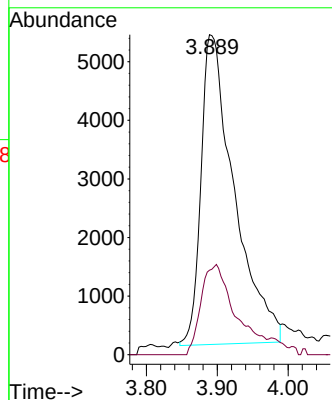
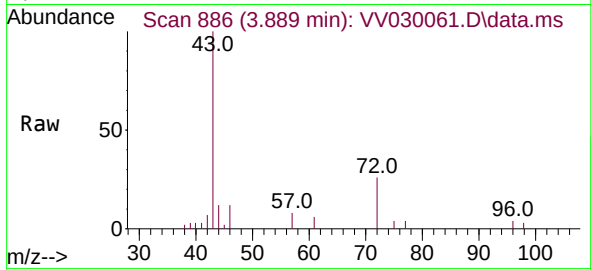




#22
2-Butanone
Concen: 7.962 ug/L
RT: 3.889 min Scan# 886
Delta R.T. 0.013 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

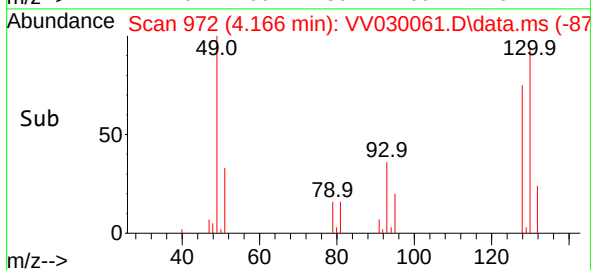
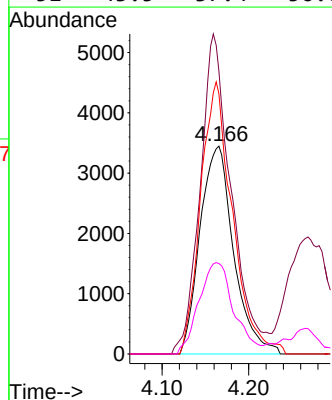
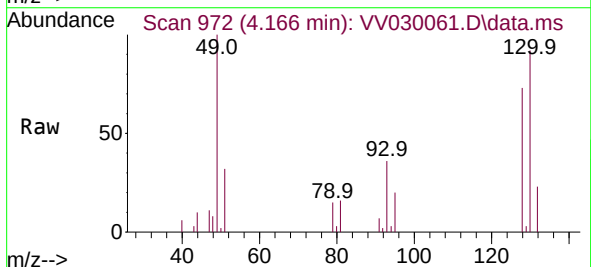
Instrument :
MSVOA_V
ClientSampleId :
VSTD005208

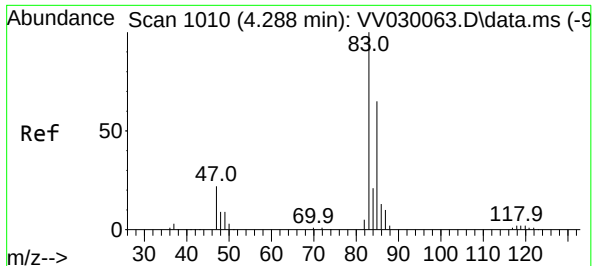
Tgt Ion: 43 Resp: 17235
Ion Ratio Lower Upper
43 100
72 30.1 14.7 44.1



#23
Bromochloromethane
Concen: 4.802 ug/L
RT: 4.166 min Scan# 972
Delta R.T. 0.009 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

Tgt Ion: 128 Resp: 9295
Ion Ratio Lower Upper
128 100
49 136.1 101.0 187.6
130 125.2 88.2 163.8
51 43.5 37.4 56.0

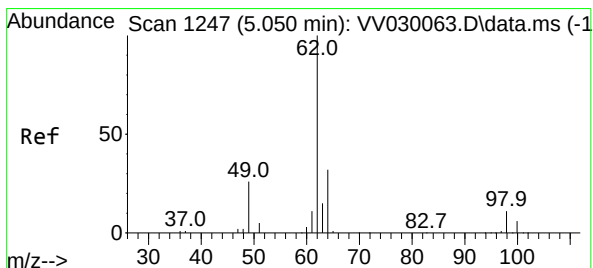
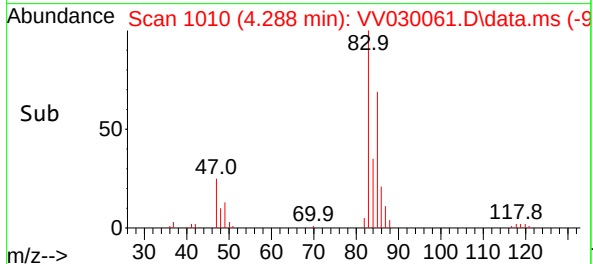
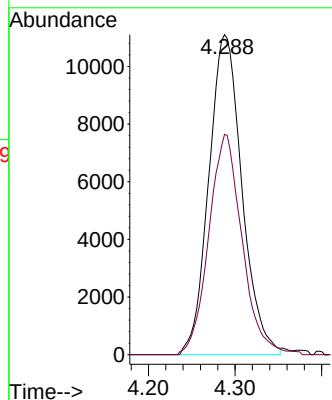
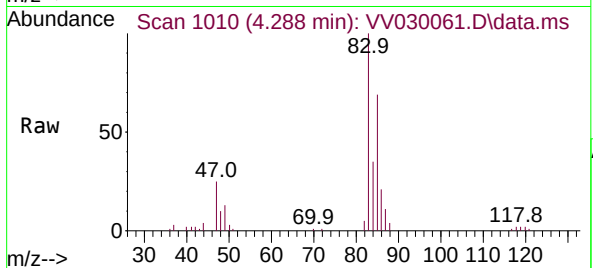




#25
Chloroform
Concen: 4.784 ug/L
RT: 4.288 min Scan# 1010
Delta R.T. -0.000 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

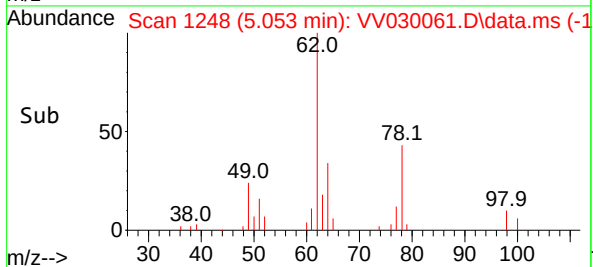
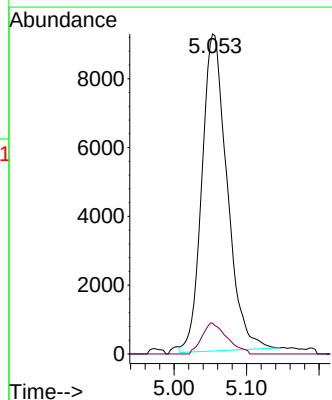
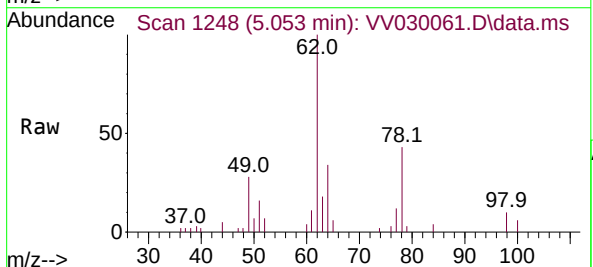
Instrument :
MSVOA_V
ClientSampleId :
VSTD005208

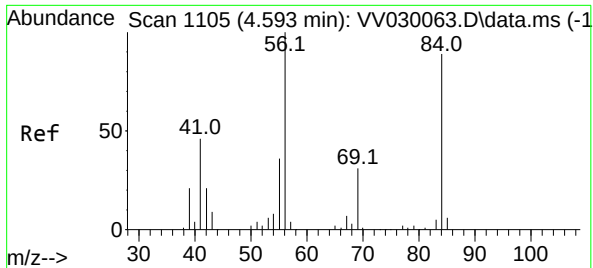
Tgt Ion: 83 Resp: 29507
Ion Ratio Lower Upper
83 100
85 68.9 45.4 84.4



#27
1,2-Dichloroethane
Concen: 4.829 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. 0.003 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

Tgt Ion: 62 Resp: 22247
Ion Ratio Lower Upper
62 100
98 9.7 8.5 12.7

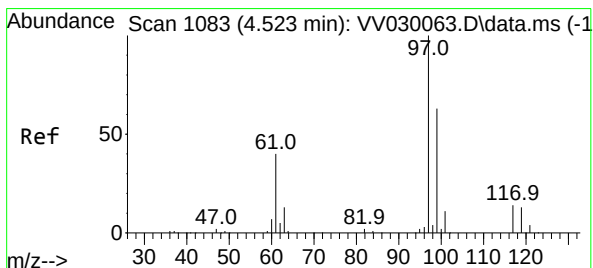
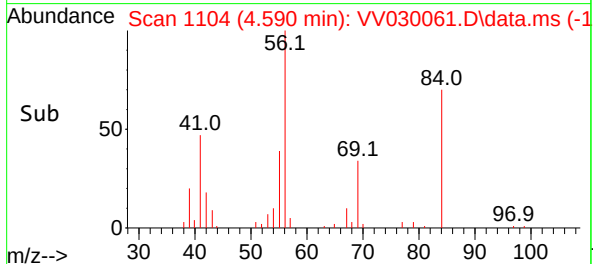
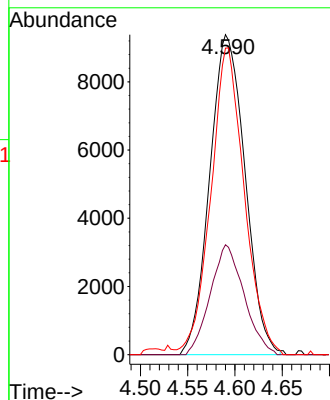
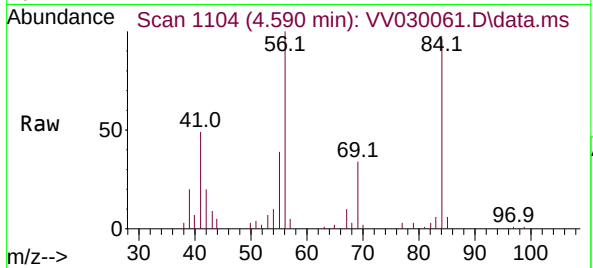




#29
Cyclohexane
Concen: 4.544 ug/L
RT: 4.590 min Scan# 1105
Delta R.T. -0.003 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

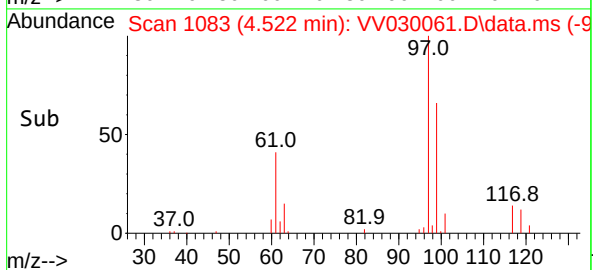
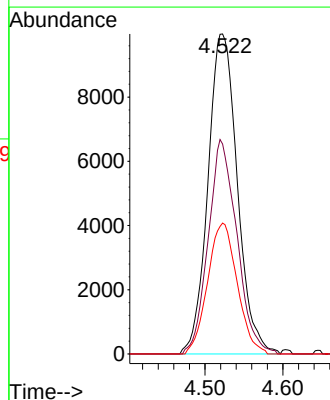
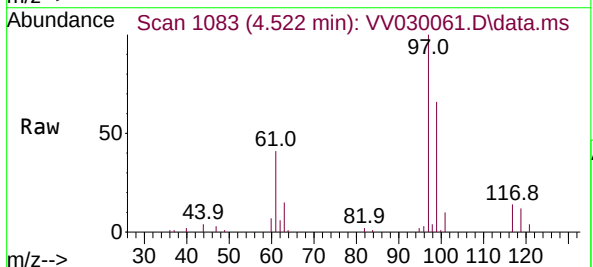
Instrument :
MSVOA_V
ClientSampleId :
VSTD005208

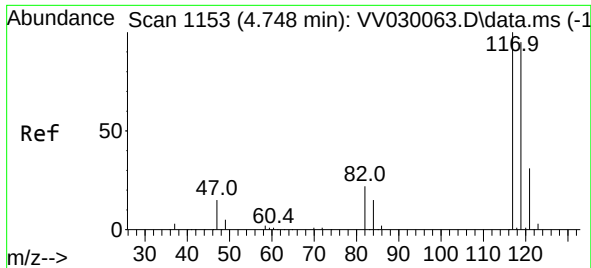
Tgt Ion: 56	Resp: 24362
Ion Ratio	Lower Upper
56	100
69	32.8 25.3 37.9
84	90.9 73.0 109.4



#30
1,1,1-Trichloroethane
Concen: 4.578 ug/L
RT: 4.522 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

Tgt Ion: 97	Resp: 26166
Ion Ratio	Lower Upper
97	100
99	65.2 50.7 76.1
61	41.1 31.6 47.4

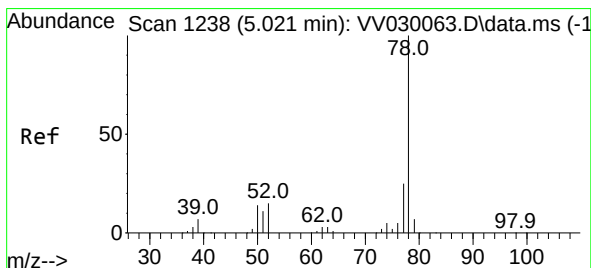
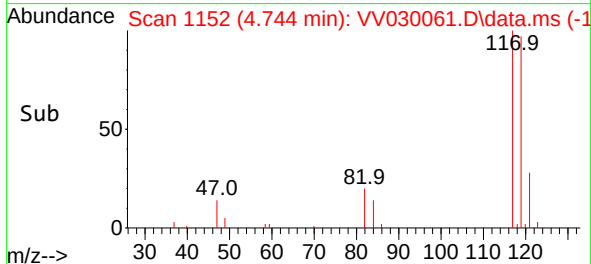
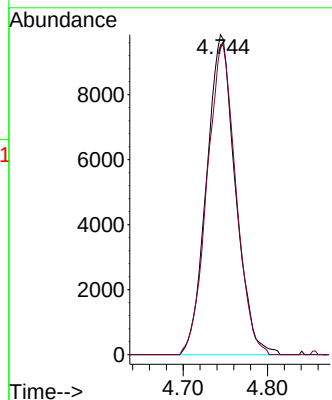
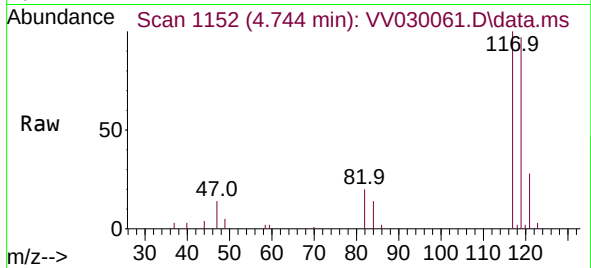




#31
Carbon tetrachloride
Concen: 4.673 ug/L
RT: 4.744 min Scan# 1153
Delta R.T. -0.003 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

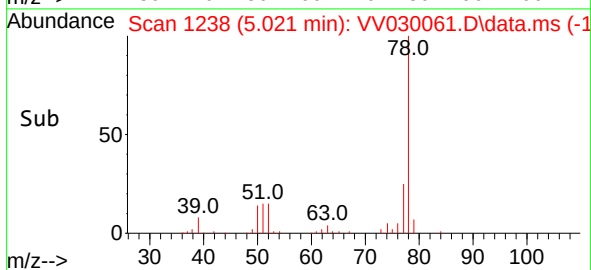
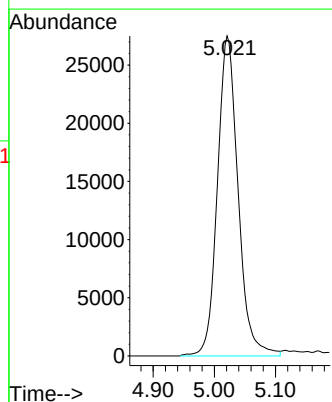
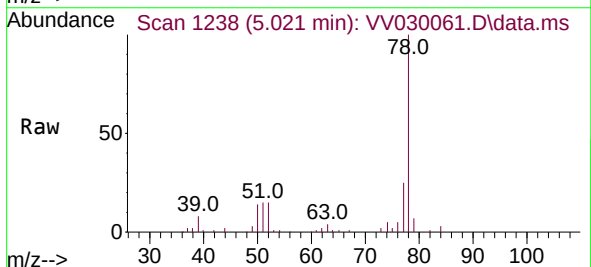
Instrument :
MSVOA_V
ClientSampleId :
VSTD005208

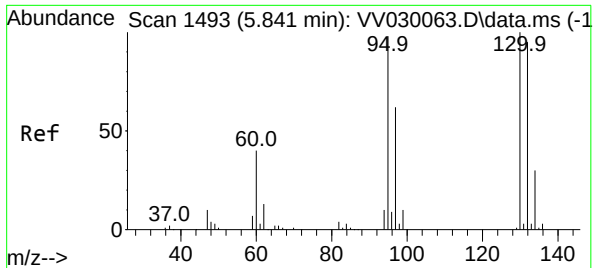
Tgt Ion:117 Resp: 23446
Ion Ratio Lower Upper
117 100
119 97.0 76.8 115.2



#33
Benzene
Concen: 4.765 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

Tgt Ion: 78 Resp: 64679

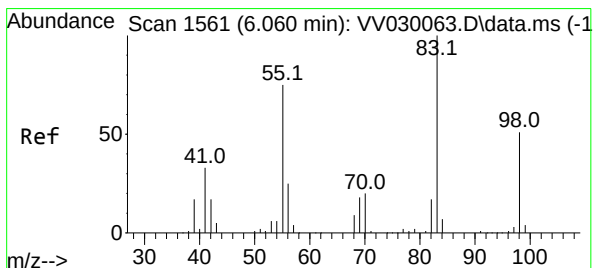
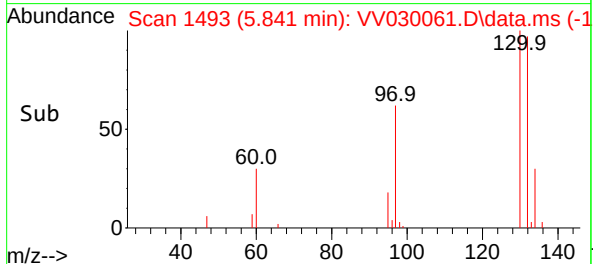
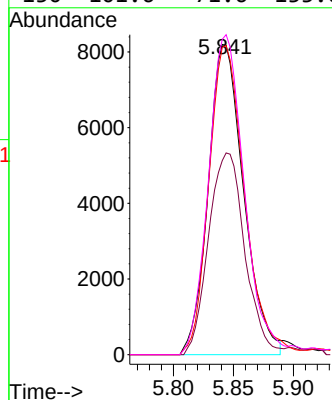
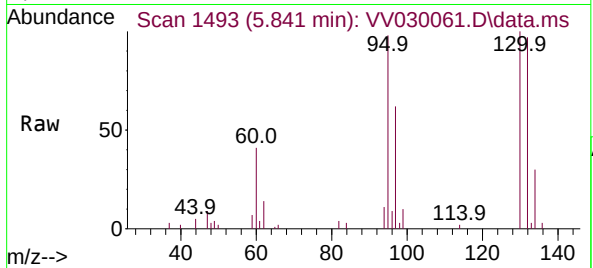




#34
Trichloroethene
Concen: 4.559 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

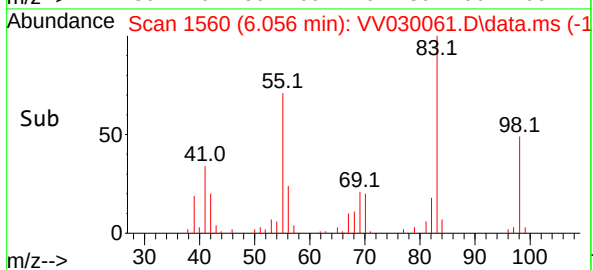
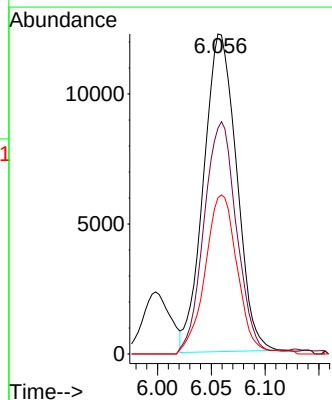
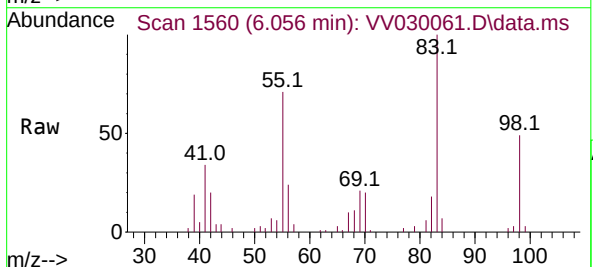
Instrument :
MSVOA_V
ClientSampleId :
VSTD005208

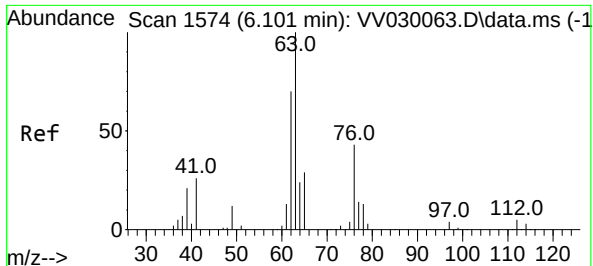
Tgt Ion: 95 Resp: 16843
Ion Ratio Lower Upper
95 100
97 62.6 44.1 81.9
132 99.1 68.3 126.9
130 101.6 71.6 133.0



#35
Methylcyclohexane
Concen: 4.438 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. -0.003 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

Tgt Ion: 83 Resp: 26030
Ion Ratio Lower Upper
83 100
55 72.4 58.4 87.6
98 48.9 39.8 59.8





#37

1,2-Dichloropropane

Concen: 4.629 ug/L

RT: 6.104 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV030061.D

Acq: 17 Feb 2023 11:07

Instrument :

MSVOA_V

ClientSampleId :

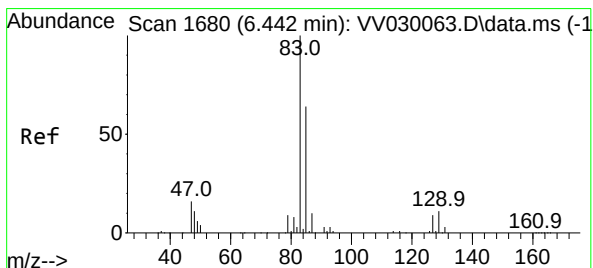
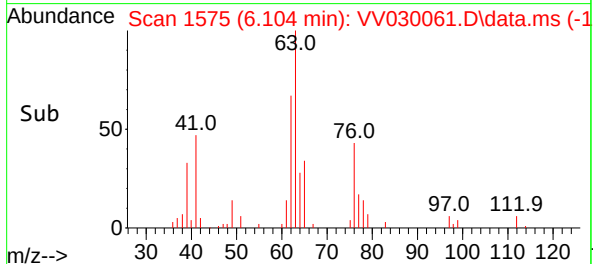
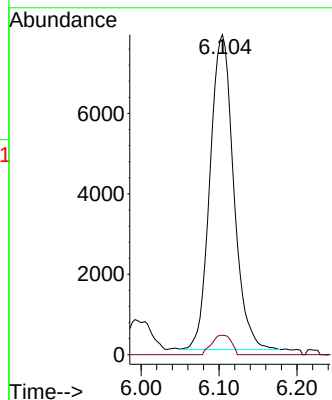
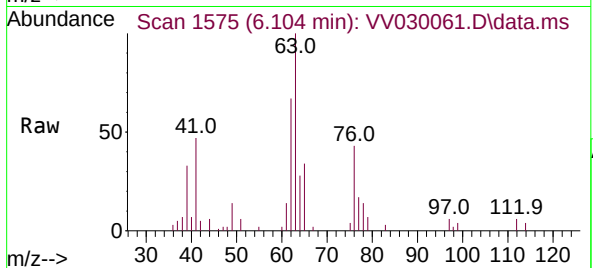
VSTD005208

Tgt Ion: 63 Resp: 16549

Ion Ratio Lower Upper

63 100

112 5.1 3.7 5.5



#38

Bromodichloromethane

Concen: 4.507 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. -0.000 min

Lab File: VV030061.D

Acq: 17 Feb 2023 11:07

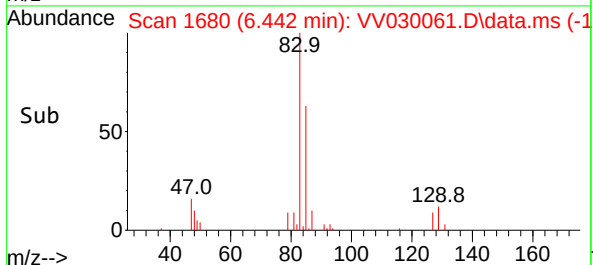
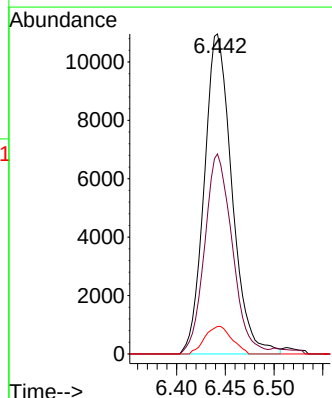
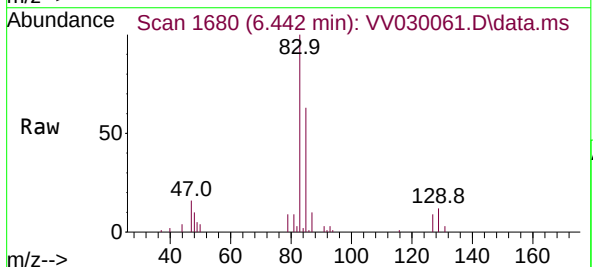
Tgt Ion: 83 Resp: 21638

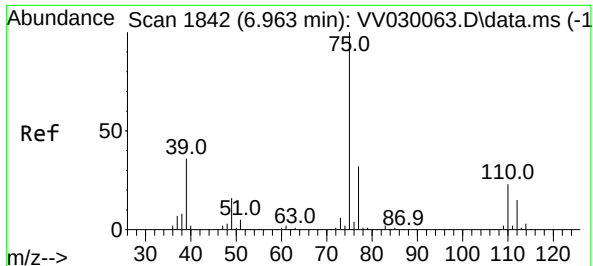
Ion Ratio Lower Upper

83 100

85 62.5 44.9 83.5

127 8.6 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 4.149 ug/L

RT: 6.963 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV030061.D

Acq: 17 Feb 2023 11:07

Instrument :

MSVOA_V

ClientSampleId :

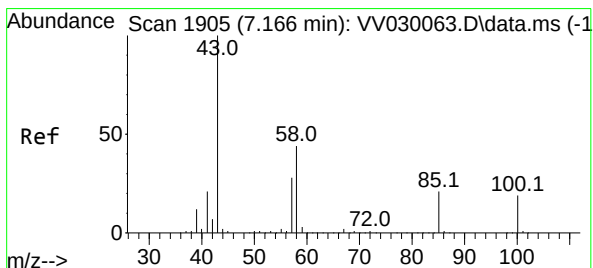
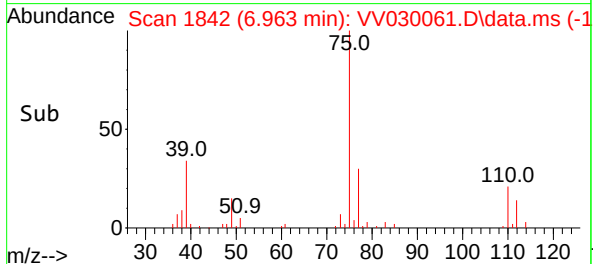
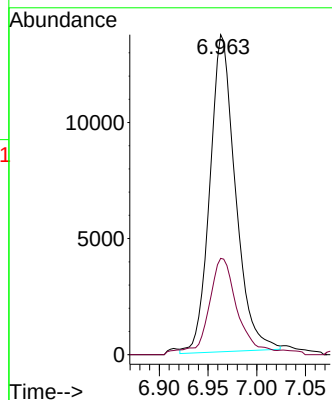
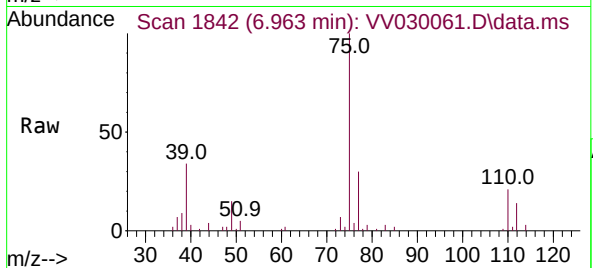
VSTD005208

Tgt Ion: 75 Resp: 24929

Ion Ratio Lower Upper

75 100

77 30.1 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 8.130 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. 0.003 min

Lab File: VV030061.D

Acq: 17 Feb 2023 11:07

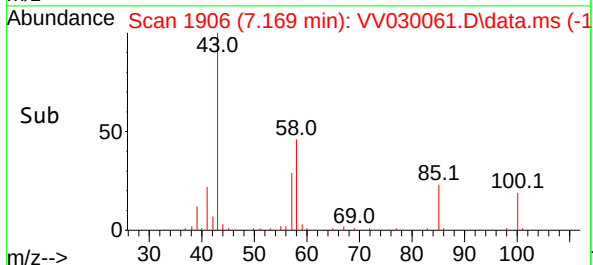
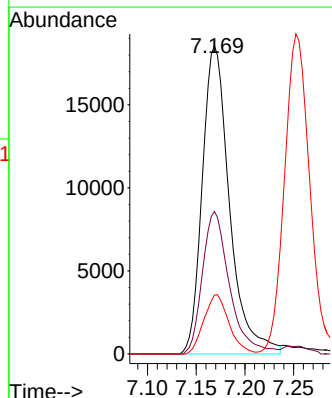
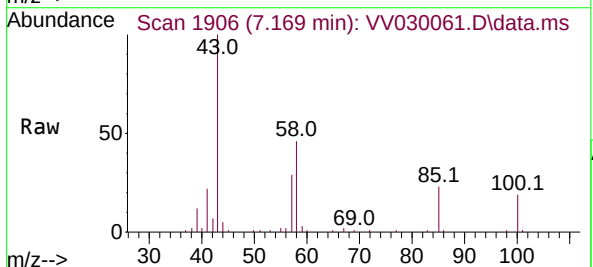
Tgt Ion: 43 Resp: 36131

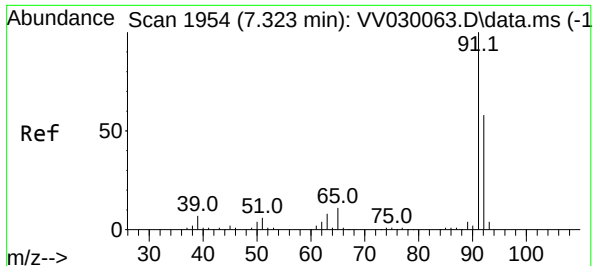
Ion Ratio Lower Upper

43 100

58 45.5 34.8 52.2

100 17.7 14.6 22.0





#42

Toluene

Concen: 4.581 ug/L

RT: 7.326 min Scan# 1954

Delta R.T. 0.003 min

Lab File: VV030061.D

Acq: 17 Feb 2023 11:07

Instrument :

MSVOA_V

ClientSampleId :

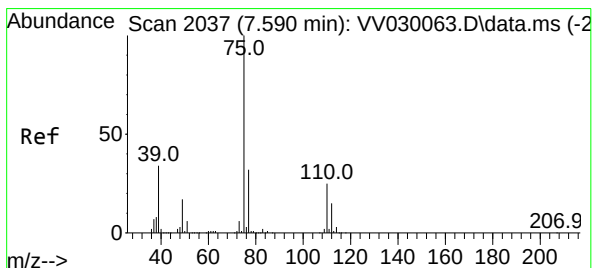
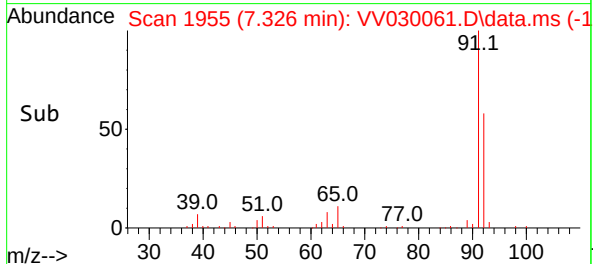
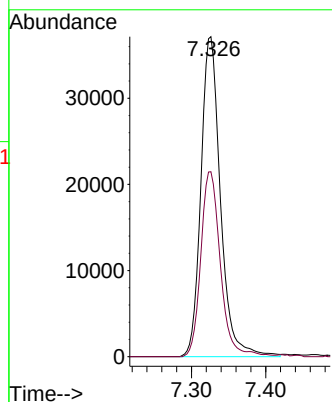
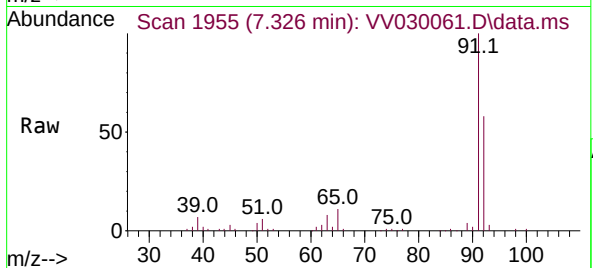
VSTD005208

Tgt Ion: 91 Resp: 68045

Ion Ratio Lower Upper

91 100

92 57.8 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 4.060 ug/L

RT: 7.593 min Scan# 2038

Delta R.T. 0.003 min

Lab File: VV030061.D

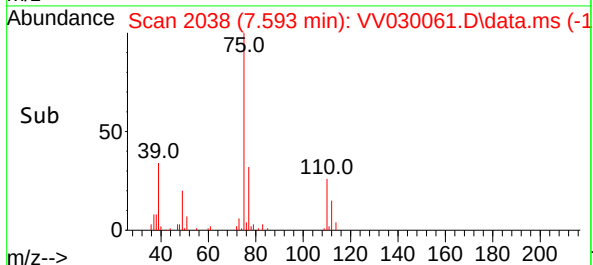
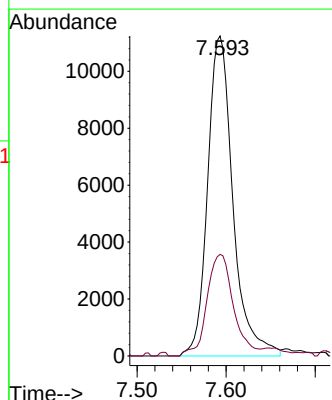
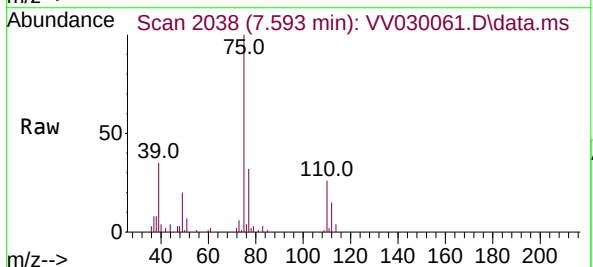
Acq: 17 Feb 2023 11:07

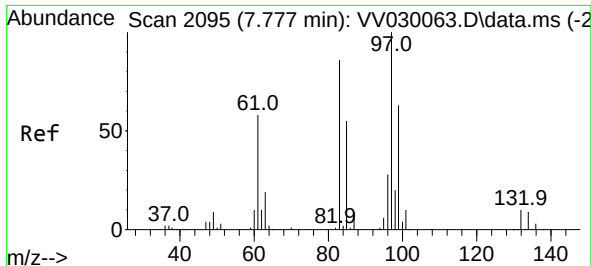
Tgt Ion: 75 Resp: 22188

Ion Ratio Lower Upper

75 100

77 31.7 22.3 41.5

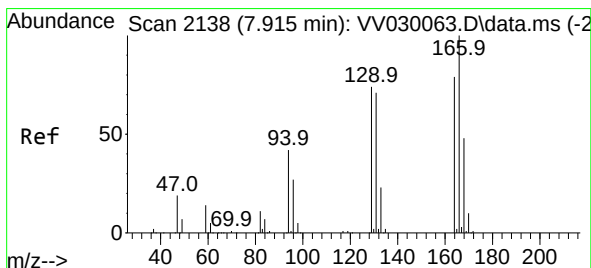
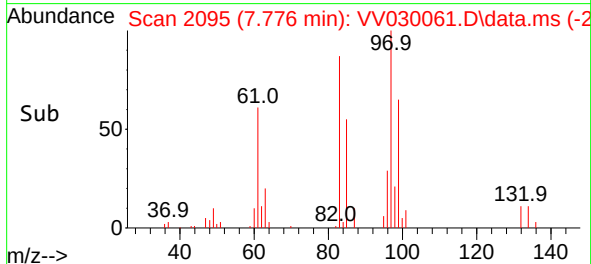
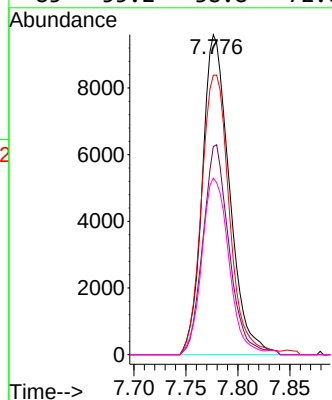
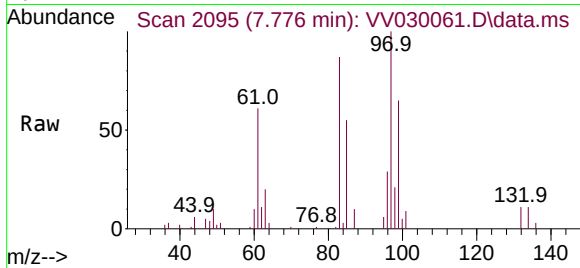




#45
1,1,2-Trichloroethane
Concen: 4.695 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. -0.000 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

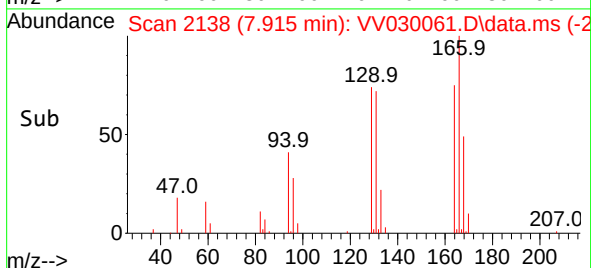
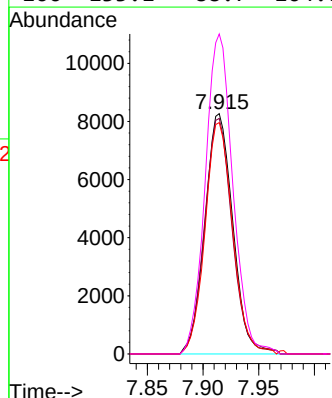
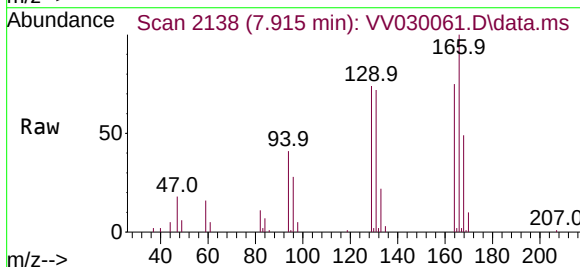
Instrument :
MSVOA_V
ClientSampleId :
VSTD005208

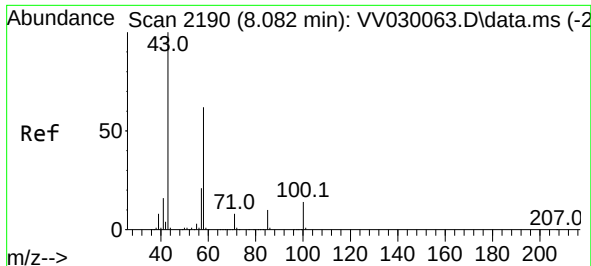
Tgt Ion: 97	Resp: 17419
Ion Ratio	Lower Upper
97 100	
99 65.0	43.8 81.4
83 87.4	59.9 111.3
85 55.2	38.8 72.0



#46
Tetrachloroethene
Concen: 4.638 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

Tgt	Ion:164	Resp:	14406
Ion	Ratio	Lower	Upper
164	100		
129	98.0	65.2	121.0
131	96.2	63.1	117.3
166	133.1	88.7	164.7

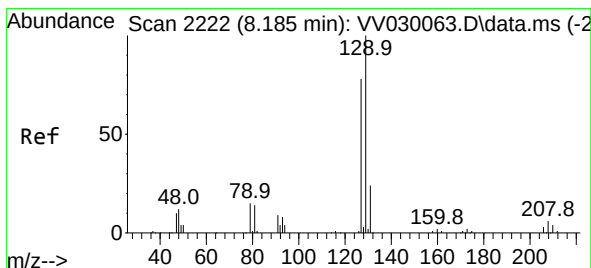
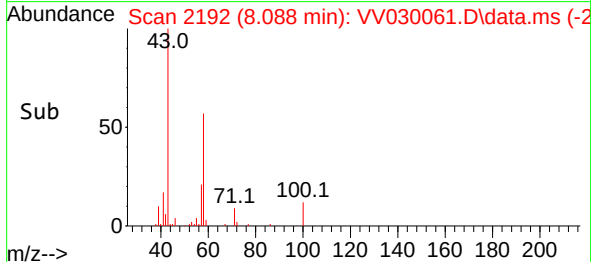
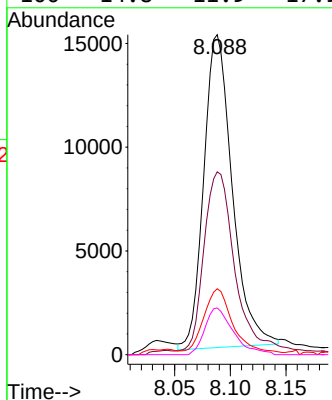
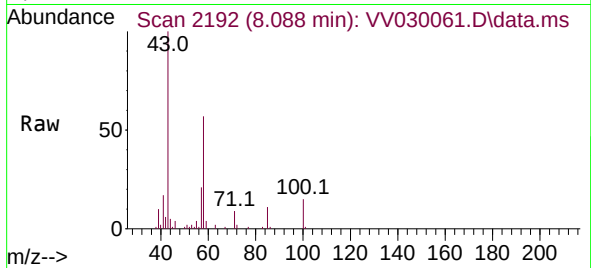




#48
2-Hexanone
Concen: 7.973 ug/L
RT: 8.088 min Scan# 2190
Delta R.T. 0.006 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

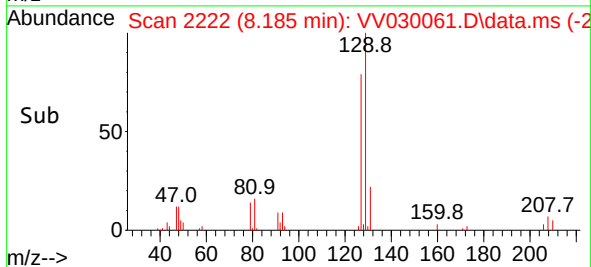
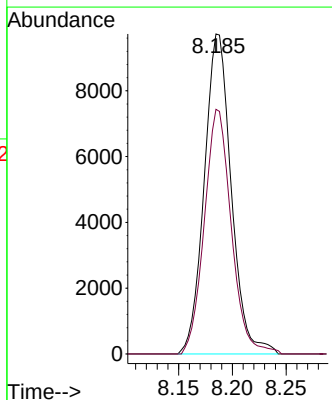
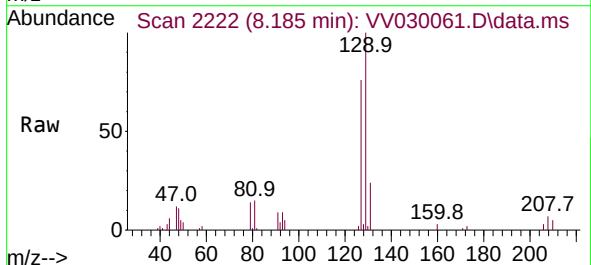
Instrument :
MSVOA_V
ClientSampleId :
VSTD005208

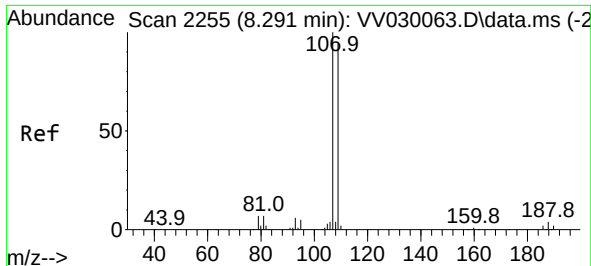
Tgt Ion:	43	Resp:	26891
Ion	Ratio	Lower	Upper
43	100		
58	63.2	49.9	74.9
57	22.2	17.4	26.0
100	14.8	11.9	17.9



#49
Dibromochloromethane
Concen: 4.424 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. -0.000 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

Tgt Ion:	129	Resp:	17026
Ion	Ratio	Lower	Upper
129	100		
127	76.5	54.9	102.1





#50

1,2-Dibromoethane

Concen: 4.477 ug/L

RT: 8.291 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV030061.D

Acq: 17 Feb 2023 11:07

Instrument :

MSVOA_V

ClientSampleId :

VSTD005208

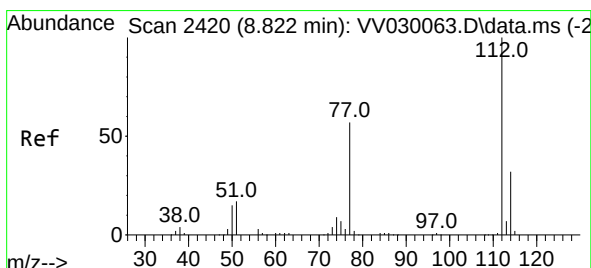
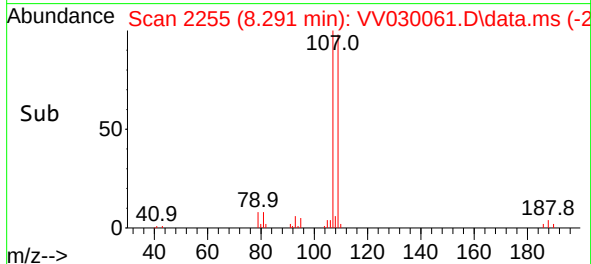
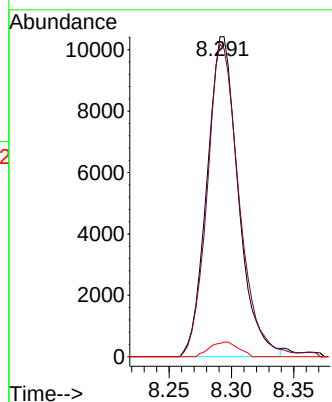
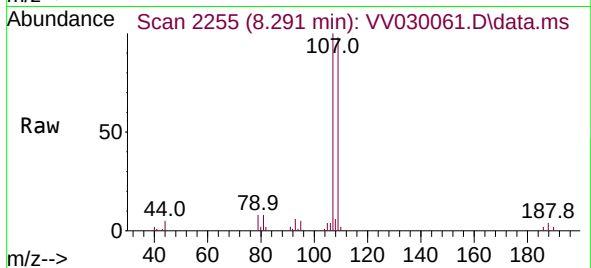
Tgt Ion:107 Resp: 18224

Ion Ratio Lower Upper

107 100

109 97.6 66.0 122.6

188 4.1 3.4 5.0



#51

Chlorobenzene

Concen: 4.761 ug/L

RT: 8.825 min Scan# 2421

Delta R.T. 0.003 min

Lab File: VV030061.D

Acq: 17 Feb 2023 11:07

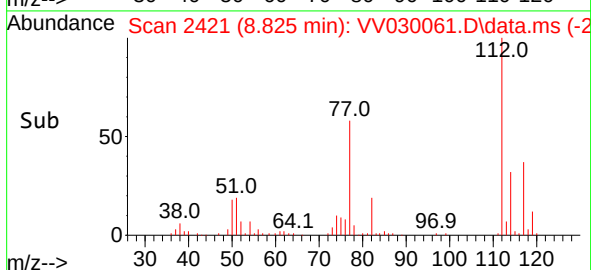
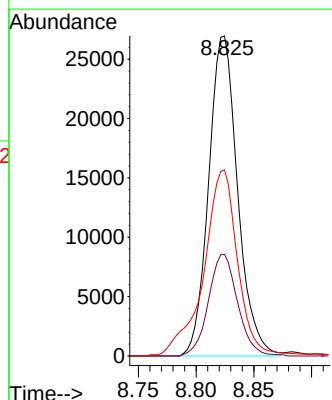
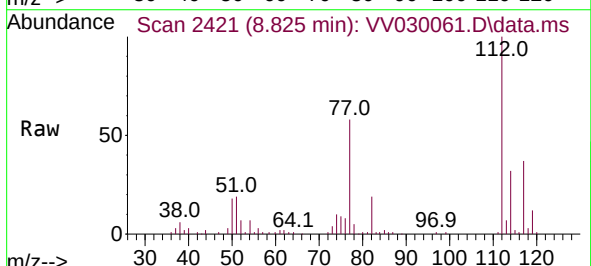
Tgt Ion:112 Resp: 47124

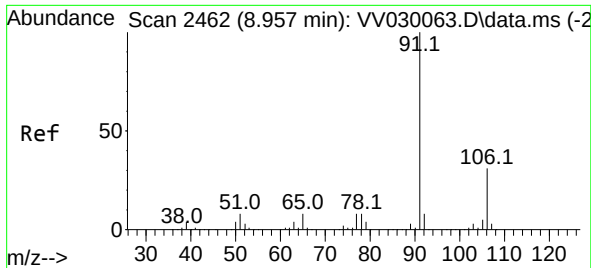
Ion Ratio Lower Upper

112 100

114 31.8 22.3 41.3

77 58.2 46.0 69.0

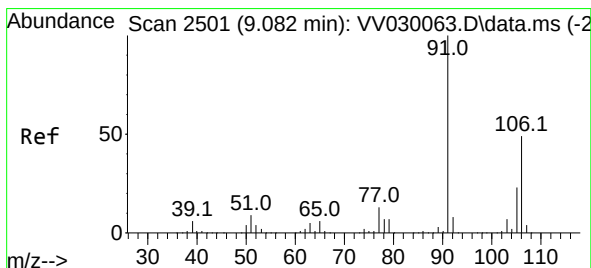
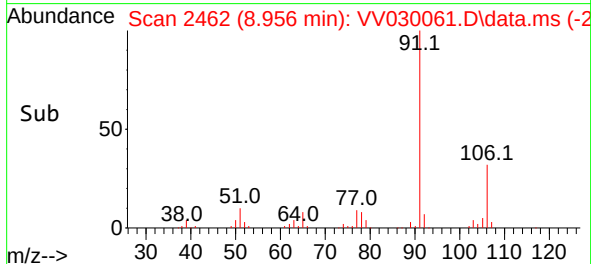
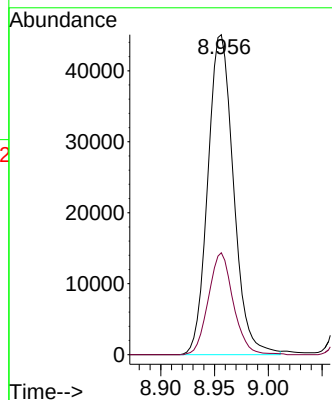
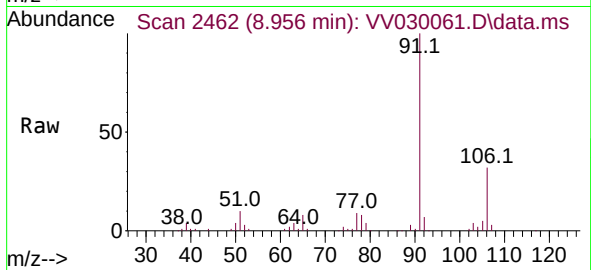




#52
Ethylbenzene
Concen: 4.552 ug/L
RT: 8.956 min Scan# 2462
Delta R.T. -0.000 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

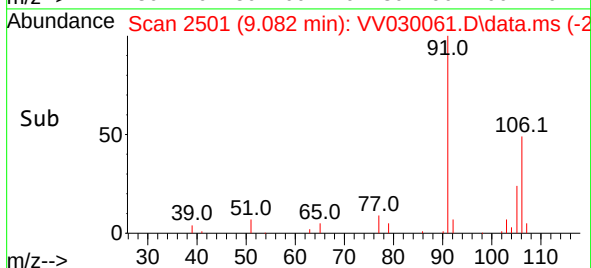
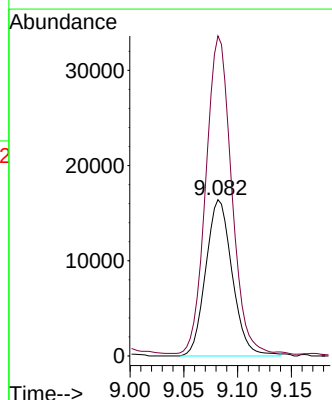
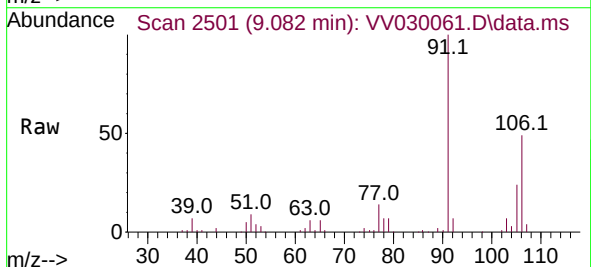
Instrument :
MSVOA_V
ClientSampleId :
VSTD005208

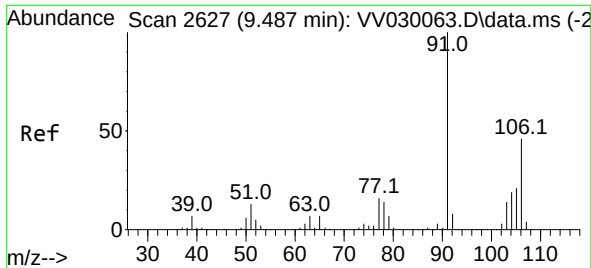
Tgt Ion: 91 Resp: 74855
Ion Ratio Lower Upper
91 100
106 31.8 22.0 40.8



#53
m,p-Xylene
Concen: 4.466 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. -0.000 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

Tgt Ion: 106 Resp: 28058
Ion Ratio Lower Upper
106 100
91 204.8 142.0 263.8

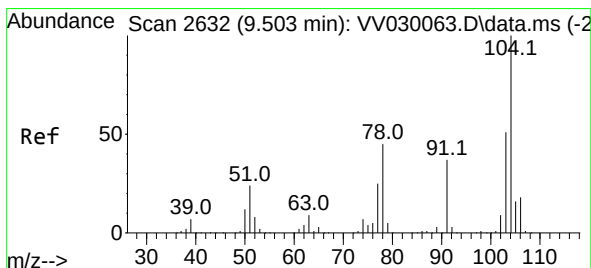
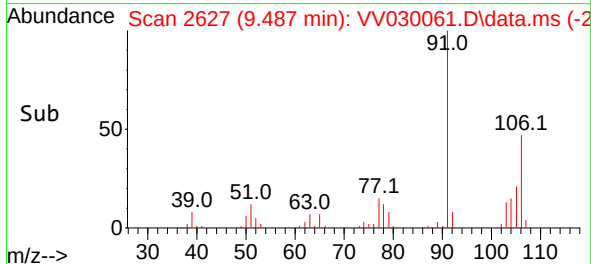
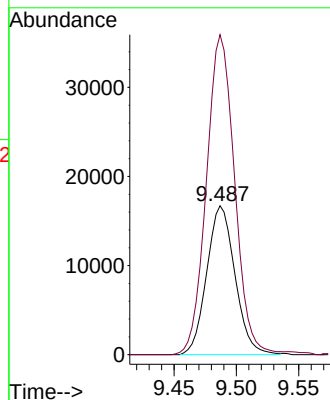
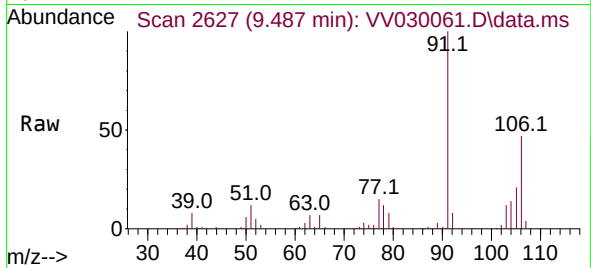




#54
o-Xylene
Concen: 4.358 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

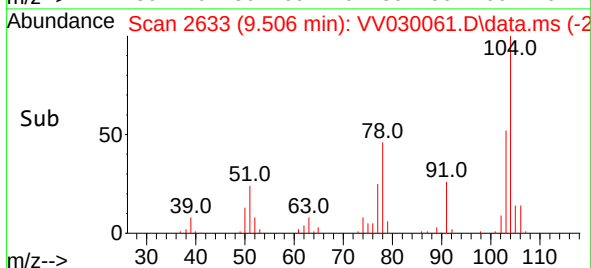
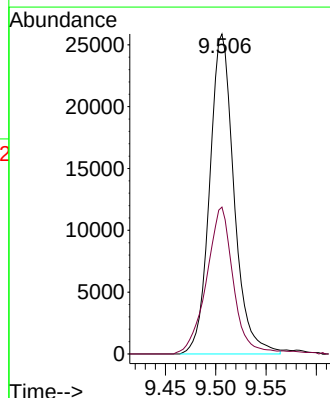
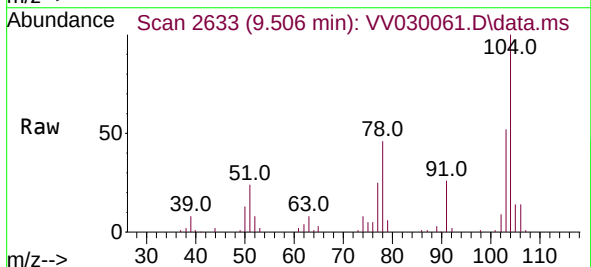
Instrument :
MSVOA_V
ClientSampleId :
VSTD005208

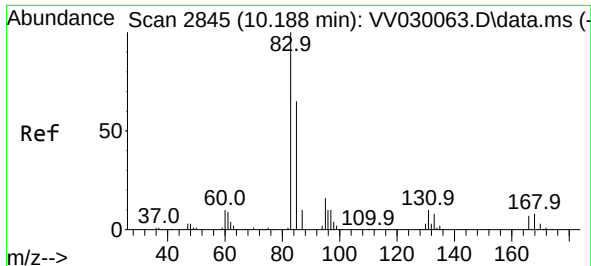
Tgt Ion:106 Resp: 26391
Ion Ratio Lower Upper
106 100
91 214.9 151.5 281.3



#55
Styrene
Concen: 4.223 ug/L
RT: 9.506 min Scan# 2633
Delta R.T. 0.003 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

Tgt Ion:104 Resp: 43687
Ion Ratio Lower Upper
104 100
78 45.9 31.9 59.2

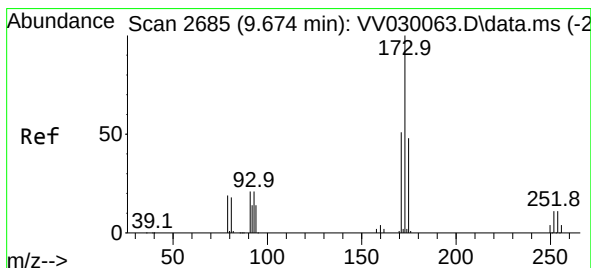
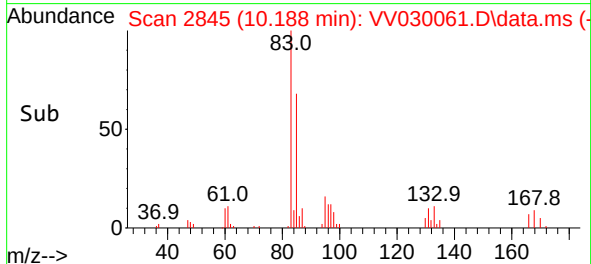
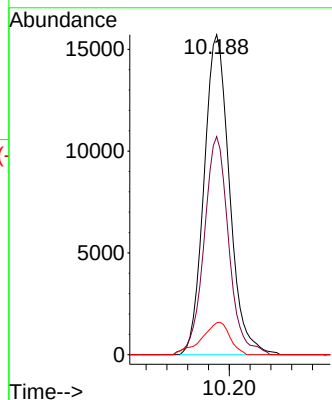
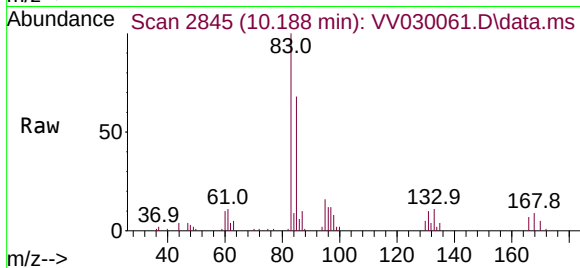




#57
1,1,2,2-Tetrachloroethane
Concen: 4.400 ug/L
RT: 10.188 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

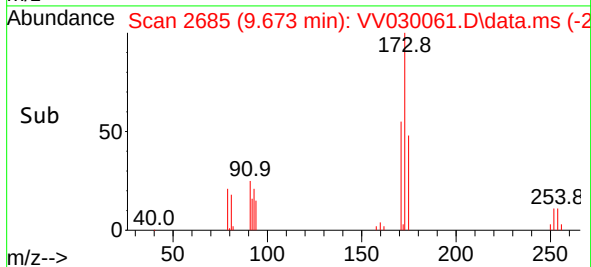
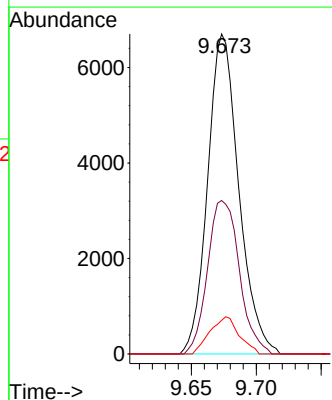
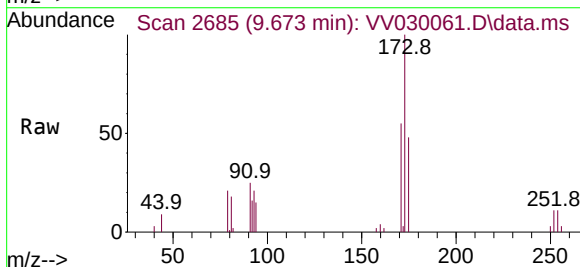
Instrument :
MSVOA_V
ClientSampleId :
VSTD005208

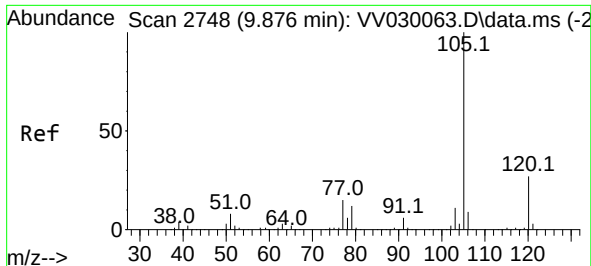
Tgt Ion:	83	Resp:	26685
Ion	Ratio	Lower	Upper
83	100		
85	68.2	45.5	84.5
131	9.9	8.3	12.5



#59
Bromoform
Concen: 4.331 ug/L
RT: 9.673 min Scan# 2685
Delta R.T. -0.000 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

Tgt Ion:	173	Resp:	11164
Ion	Ratio	Lower	Upper
173	100		
175	49.0	38.7	58.1
254	10.8	8.7	13.1

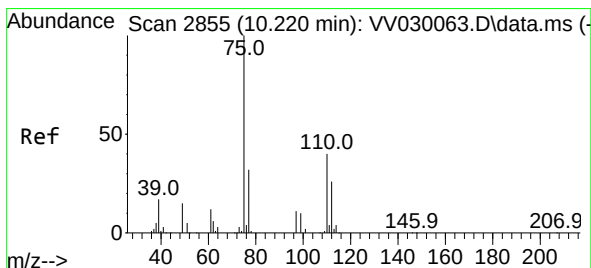
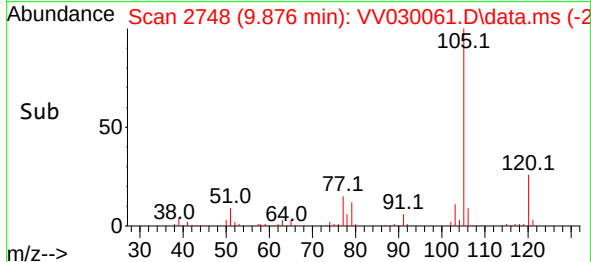
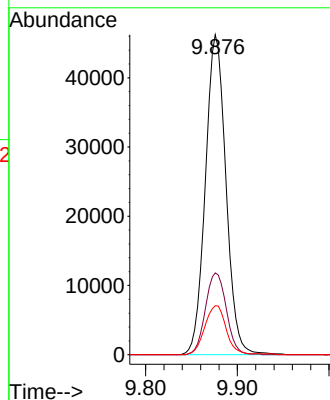
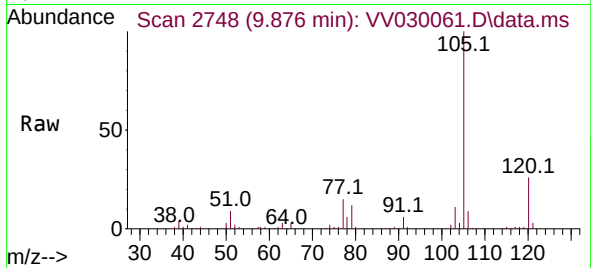




#60
Isopropylbenzene
Concen: 4.655 ug/L
RT: 9.876 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

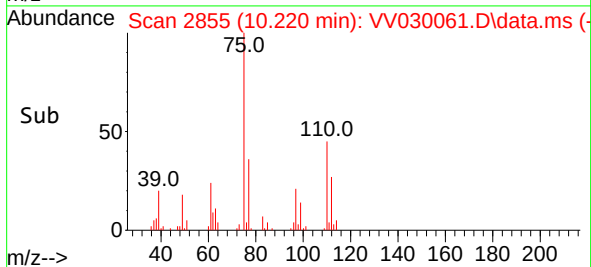
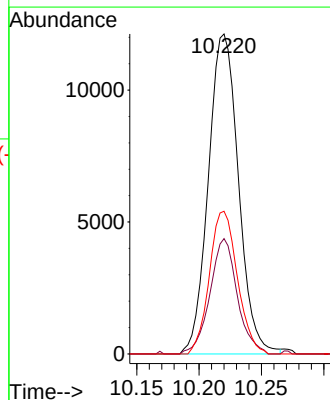
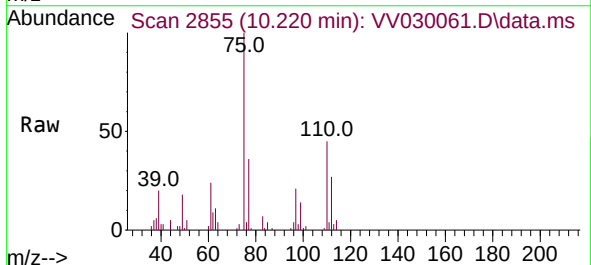
Instrument :
MSVOA_V
ClientSampleId :
VSTD005208

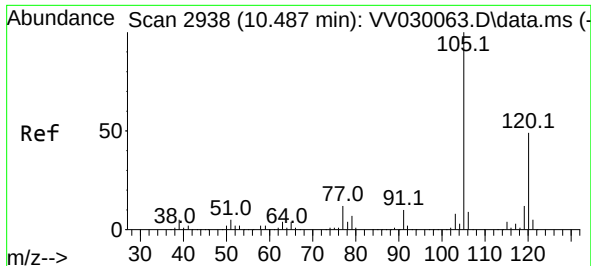
Tgt Ion:105 Resp: 72063
Ion Ratio Lower Upper
105 100
120 25.9 21.4 32.0
77 15.9 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 4.743 ug/L
RT: 10.220 min Scan# 2855
Delta R.T. -0.000 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

Tgt Ion: 75 Resp: 20427
Ion Ratio Lower Upper
75 100
77 32.6 25.9 38.9
110 41.4 32.1 48.1





#62

1,3,5-Trimethylbenzene

Concen: 4.237 ug/L

RT: 10.487 min Scan# 2938

Delta R.T. -0.000 min

Lab File: VV030061.D

Acq: 17 Feb 2023 11:07

Instrument :

MSVOA_V

ClientSampleId :

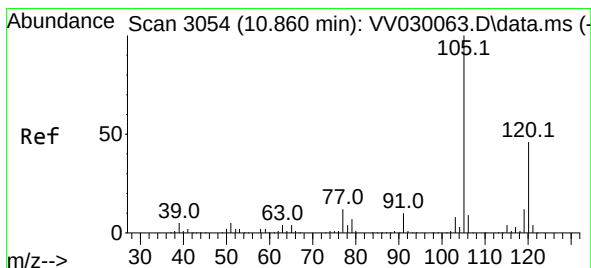
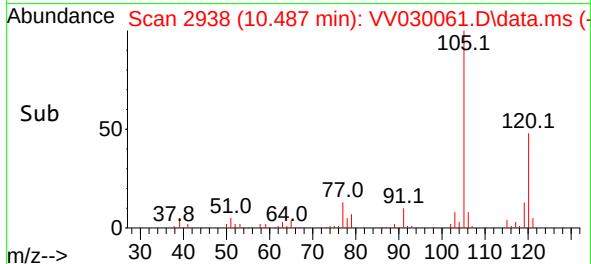
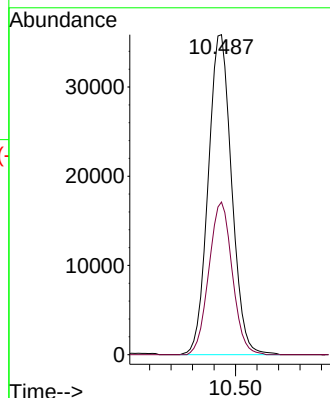
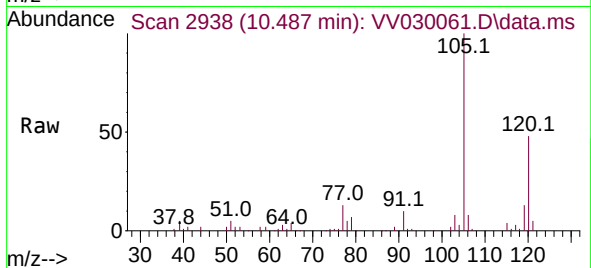
VSTD005208

Tgt Ion:105 Resp: 54317

Ion Ratio Lower Upper

105 100

120 47.5 39.0 58.4



#63

1,2,4-Trimethylbenzene

Concen: 4.201 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. -0.000 min

Lab File: VV030061.D

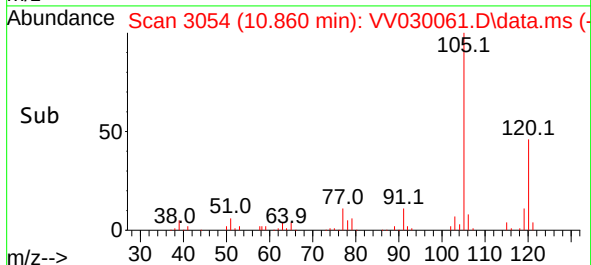
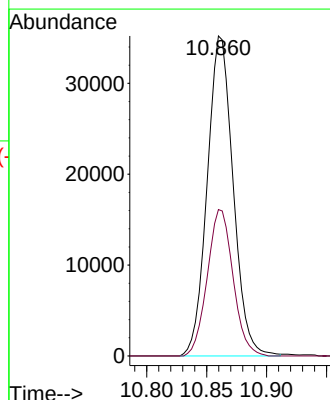
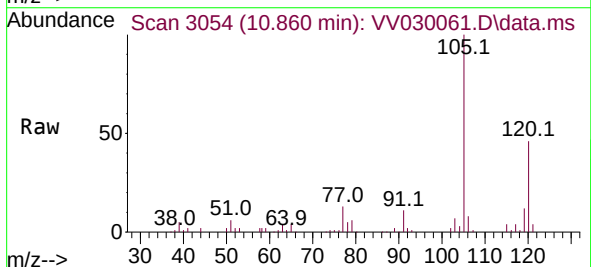
Acq: 17 Feb 2023 11:07

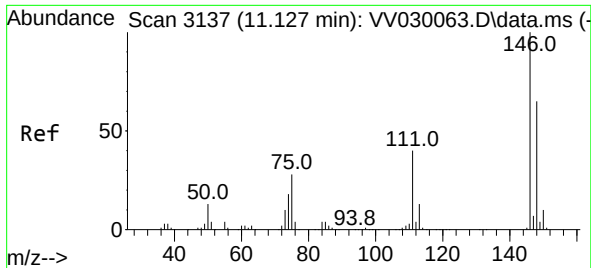
Tgt Ion:105 Resp: 52930

Ion Ratio Lower Upper

105 100

120 45.4 36.3 54.5

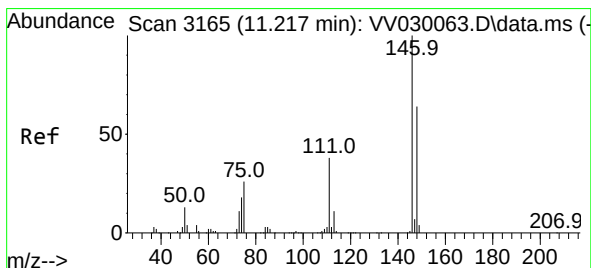
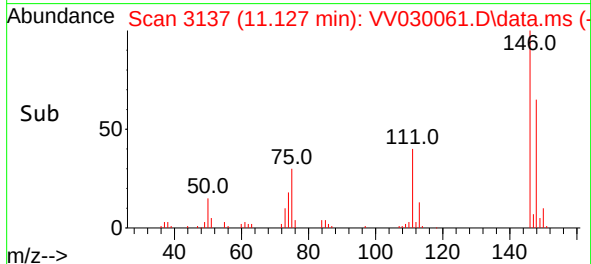
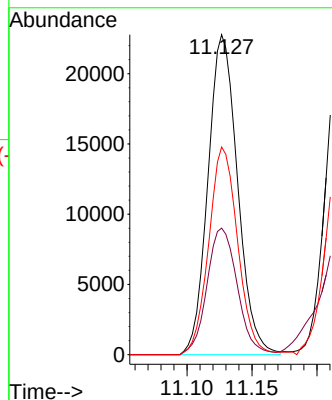
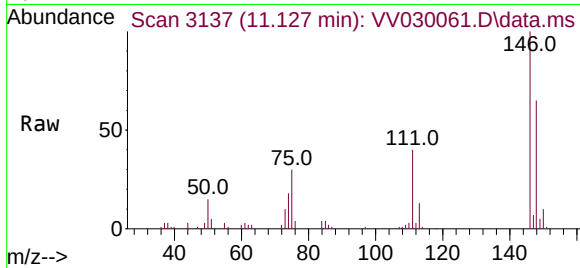




#64
1,3-Dichlorobenzene
Concen: 4.621 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. -0.000 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

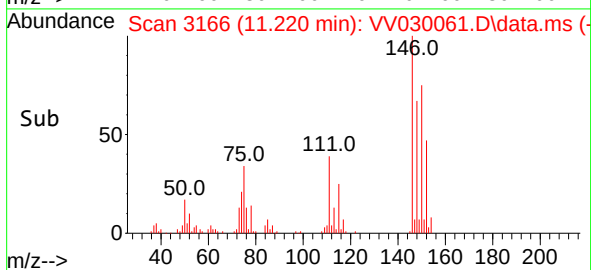
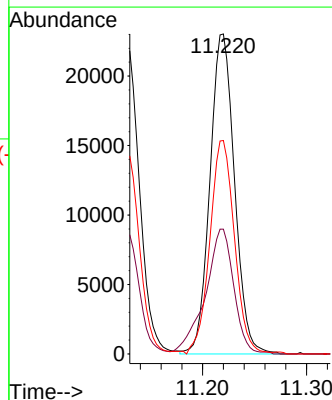
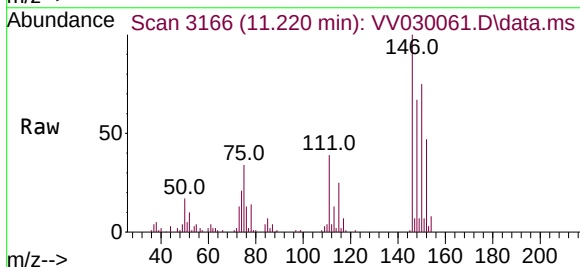
Instrument :
MSVOA_V
ClientSampleId :
VSTD005208

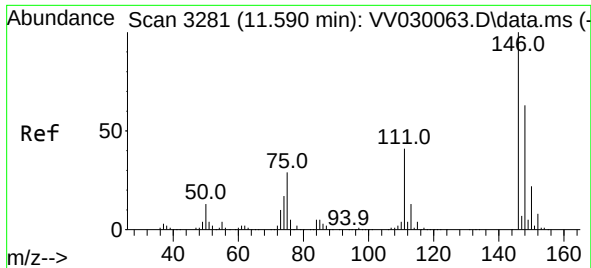
Tgt Ion:146 Resp: 36048
Ion Ratio Lower Upper
146 100
111 39.6 28.2 52.4
148 64.9 45.3 84.1



#65
1,4-Dichlorobenzene
Concen: 4.745 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

Tgt Ion:146 Resp: 37874
Ion Ratio Lower Upper
146 100
111 39.0 27.1 50.3
148 66.7 44.9 83.5

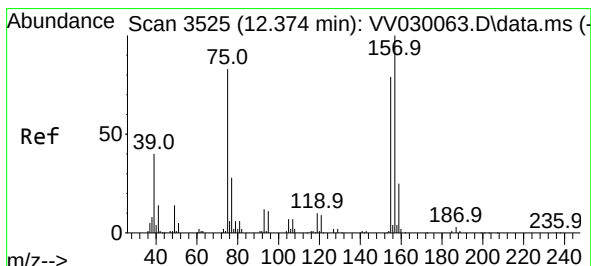
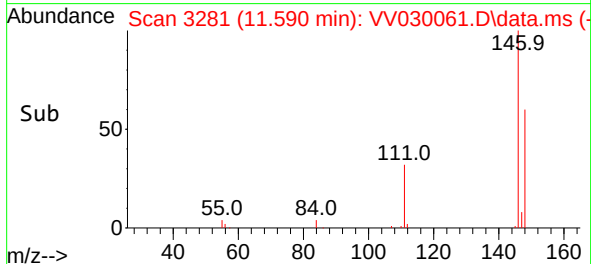
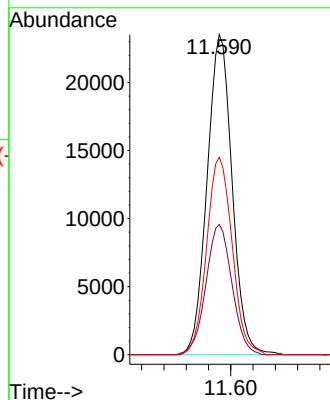
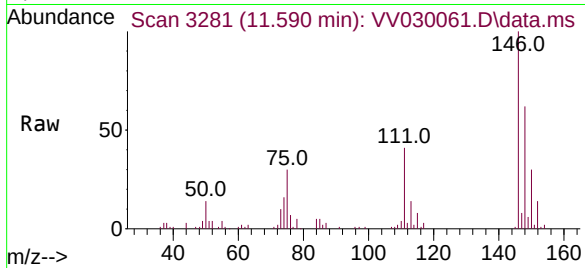




#67
1,2-Dichlorobenzene
Concen: 4.723 ug/L
RT: 11.590 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

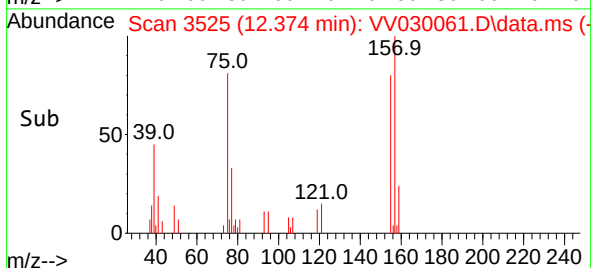
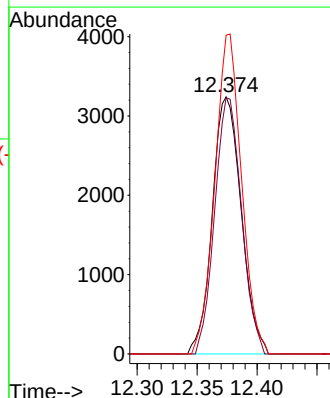
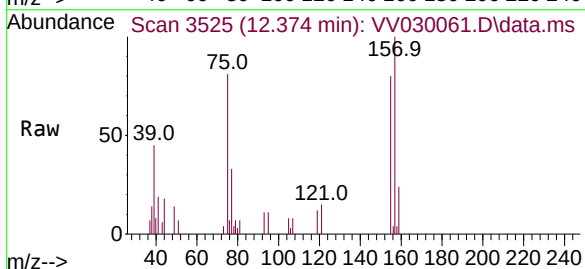
Instrument :
MSVOA_V
ClientSampleId :
VSTD005208

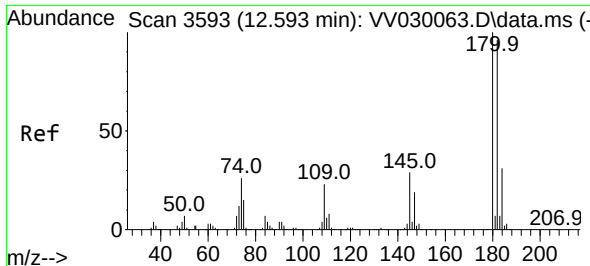
Tgt Ion:146 Resp: 36679
Ion Ratio Lower Upper
146 100
111 40.7 33.0 49.4
148 61.7 50.7 76.1



#68
1,2-Dibromo-3-chloropropane
Concen: 4.314 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. -0.000 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

Tgt Ion: 75 Resp: 5420
Ion Ratio Lower Upper
75 100
155 99.6 76.2 114.2
157 123.9 96.0 144.0

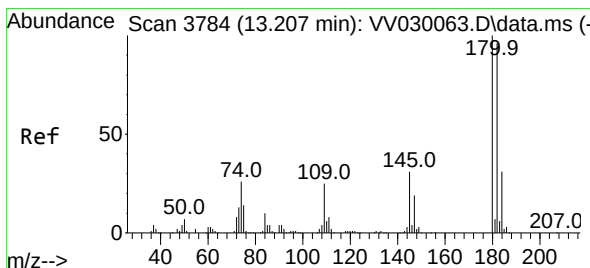
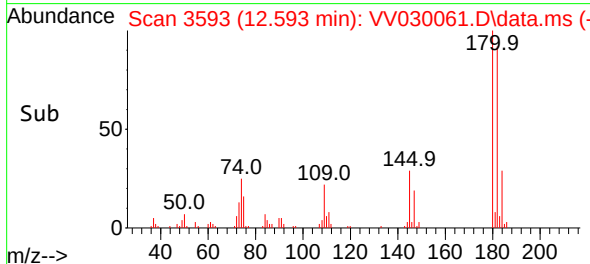
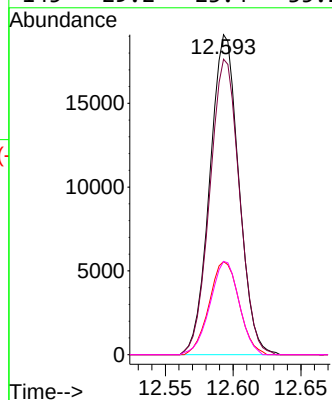
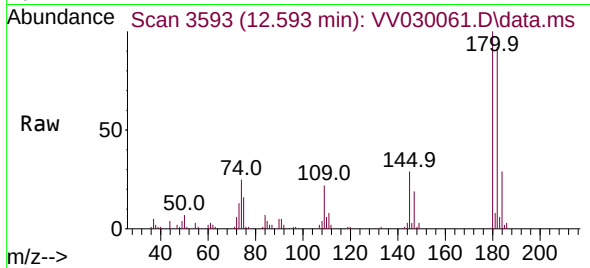




#69
1,3,5-Trichlorobenzene
Concen: 4.566 ug/L
RT: 12.593 min Scan# 3593
Delta R.T. -0.000 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

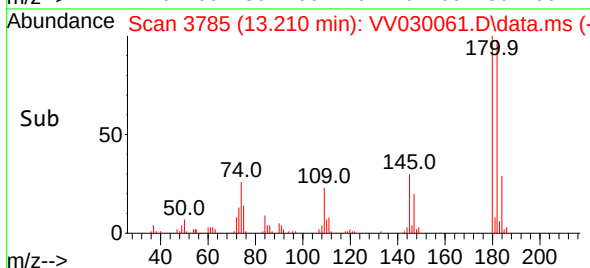
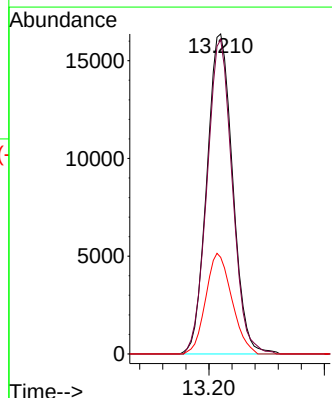
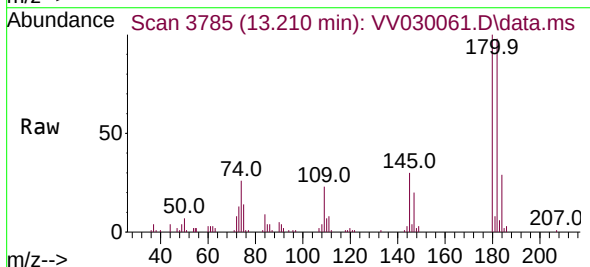
Instrument :
MSVOA_V
ClientSampleId :
VSTD005208

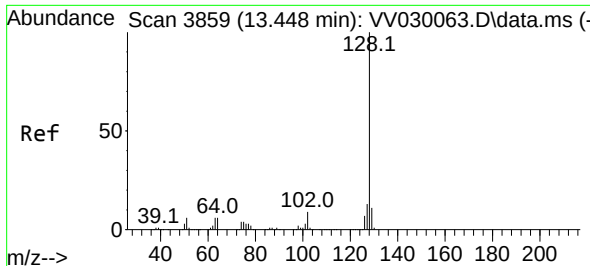
Tgt Ion:	180	Resp:	28422
Ion Ratio	Lower	Upper	
180	100		
182	94.1	76.4	114.6
184	30.0	24.5	36.7
145	29.2	23.4	35.2



#70
1,2,4-trichlorobenzene
Concen: 4.347 ug/L
RT: 13.210 min Scan# 3785
Delta R.T. 0.003 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

Tgt Ion:	180	Resp:	25433
Ion Ratio	Lower	Upper	
180	100		
182	96.0	76.6	114.8
145	31.7	24.3	36.5

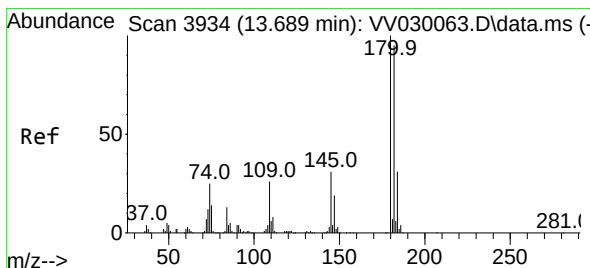
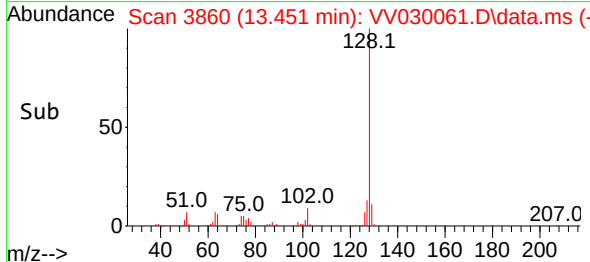
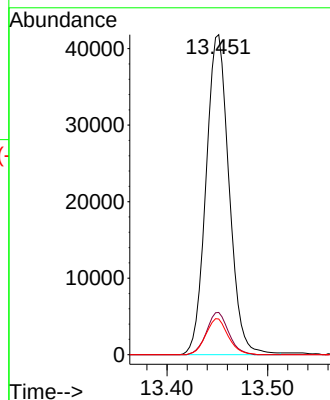
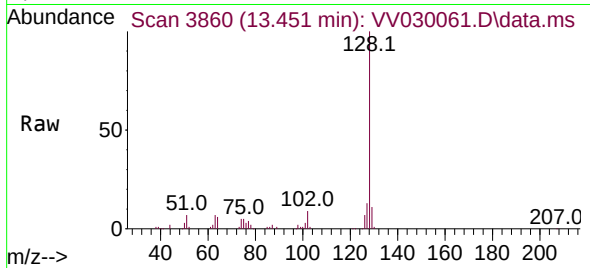




#71
Naphthalene
Concen: 3.918 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.003 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

Instrument :
MSVOA_V
ClientSampleId :
VSTD005208

Tgt Ion:	128	Resp:	66493
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.9	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 4.270 ug/L
RT: 13.693 min Scan# 3935
Delta R.T. 0.003 min
Lab File: VV030061.D
Acq: 17 Feb 2023 11:07

Tgt Ion:	180	Resp:	24518
Ion	Ratio	Lower	Upper
180	100		
182	97.8	75.8	113.8
145	32.3	25.0	37.6

