

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102723\
 Data File : VW032685.D
 Acq On : 27 Oct 2023 15:41
 Operator : SY/MD
 Sample : 05019-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 28 00:25:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 28 00:17:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	148060	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	165806	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	84515	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	57945	4.765	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.400%
7) Chloroethane-d5	1.532	69	50978	4.933	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.056	65	24964	4.574	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.400%
20) 2-Butanone-d5	3.818	46	66077	25.164	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	50.320%
24) Chloroform-d	4.252	84	106798	5.289	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
26) 1,2-Dichloroethane-d4	4.947	65	49074	4.923	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	4.963	84	196380	4.974	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	5.992	67	59164	5.176	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.246	98	208841	5.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
43) trans-1,3-Dichloroprop...	7.558	79	24484	4.854	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.030	63	95366	47.706	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.420%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	47849	4.707	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	68241	4.945	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	58473	3.847	ug/L	98
5) Vinyl chloride	1.282	62	70282	3.950	ug/L	99
8) Chloroethane	1.548	64	161534	13.882	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	136977	9.697	ug/L	99
12) 1,1-Dichloroethene	2.069	96	29248	2.210	ug/L #	78
13) Acetone	2.137	43	273198	105.390	ug/L	92
15) Methyl Acetate	2.384	43	62761	12.090	ug/L #	78
16) Methylene chloride	2.449	84	7373	0.453	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	37849	2.892	ug/L	99
19) 1,1-Dichloroethane	3.114	63	50157	2.162	ug/L	97
22) cis-1,2-Dichloroethene	3.818	96	56444	4.255	ug/L	96
23) Bromochloromethane	4.150	128	33316	5.398	ug/L	97
25) Chloroform	4.278	83	198662	7.877	ug/L	99
27) 1,2-Dichloroethane	5.053	62	30412	1.940	ug/L	96
29) 1,1,1-Trichloroethane	4.513	97	45088	2.108	ug/L	99
31) Carbon tetrachloride	4.738	117	57482	3.089	ug/L	99
34) Trichloroethene	5.838	95	32331	2.316	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	92626	4.824	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	528482	64.946	ug/L	99

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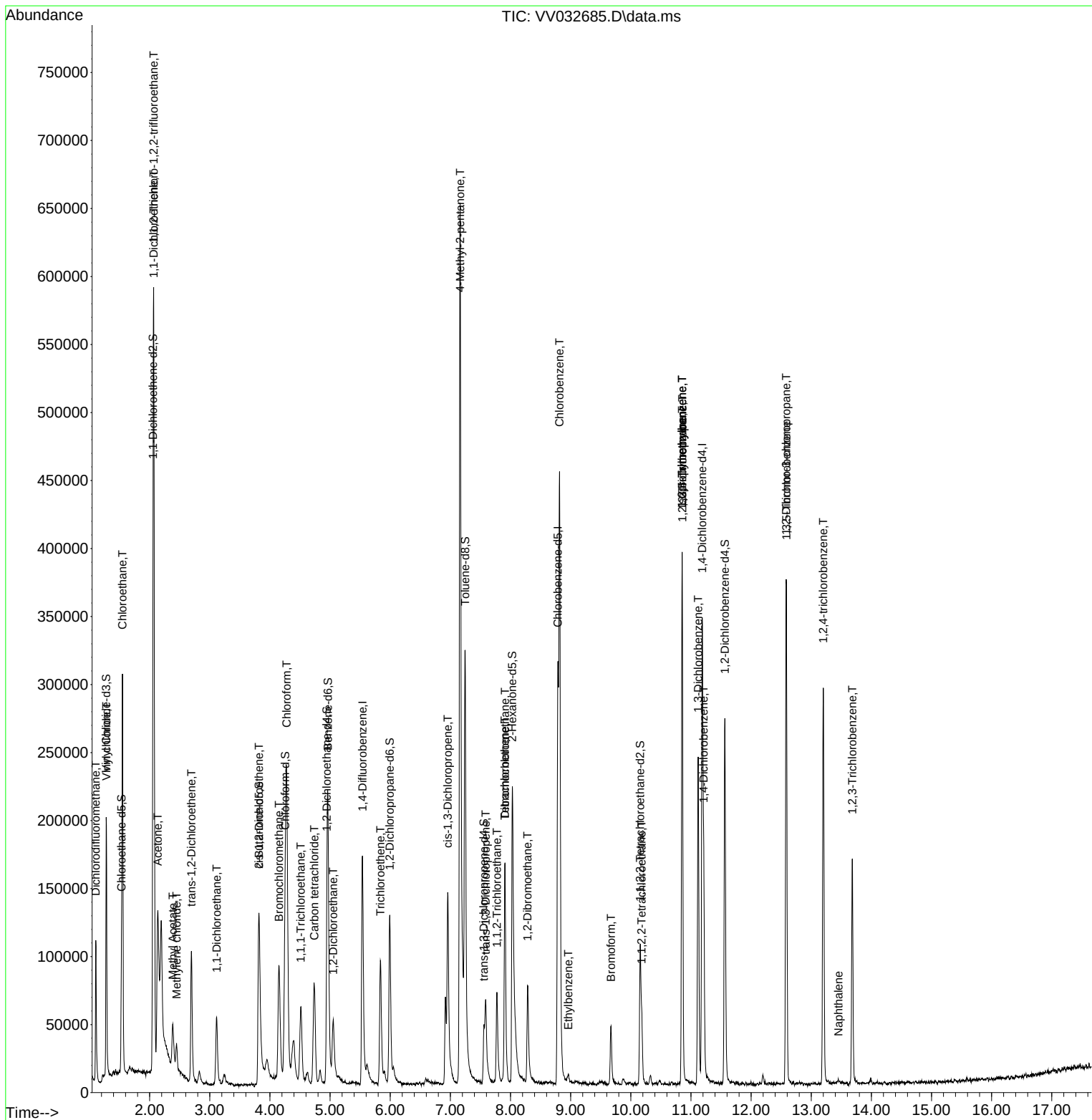
Quant Time: Oct 28 00:25:10 2023
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 Quant Title : TRACE VOA SFAM1.0
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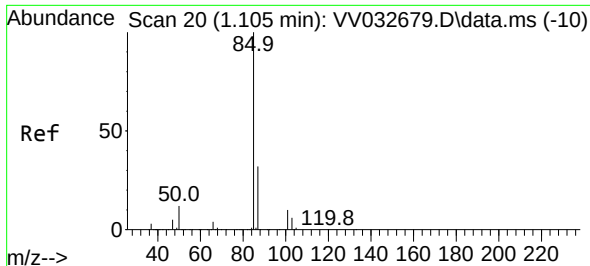
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) trans-1,3-Dichloropropene	7.587	75	40315	2.440	ug/L	100
45) 1,1,2-Trichloroethane	7.773	97	22976	2.157	ug/L	98
47) Tetrachloroethene	7.905	164	37315	3.024	ug/L	97
49) Dibromochloromethane	7.908	129	33833	2.678	ug/L #	11
50) 1,2-Dibromoethane	8.284	107	50932	5.124	ug/L	99
51) Chlorobenzene	8.815	112	239189	5.962	ug/L	99
52) Ethylbenzene	8.960	91	3681	0.058	ug/L #	72
57) 1,1,2,2-Tetrachloroethane	10.181	83	20117	1.619	ug/L	99
59) Bromoform	9.670	173	18878	2.847	ug/L	95
60) Isopropylbenzene	10.853	105	208241	3.631	ug/L #	75
61) 1,2,3-Trichloropropane	10.857	75	2476	0.277	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.853	105	208241	4.441	ug/L	93
63) 1,2,4-Trimethylbenzene	10.853	105	208241	4.494	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	95376	3.099	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	61916	2.027	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.583	75	18430	8.628	ug/L #	1
69) 1,3,5-Trichlorobenzene	12.587	180	109987	5.007	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	85833	4.605	ug/L	98
71) Naphthalene	13.455	128	1913	0.065	ug/L #	93
72) 1,2,3-Trichlorobenzene	13.683	180	47554	2.901	ug/L	99

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

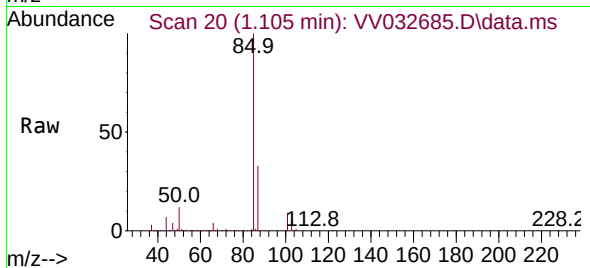
Quant Time: Oct 28 00:25:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
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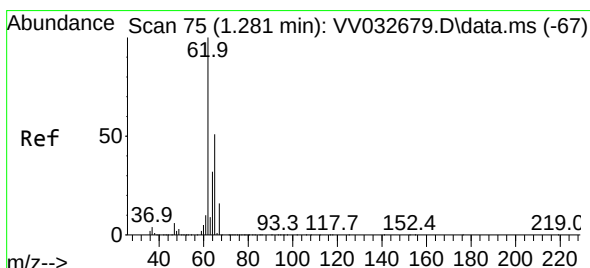
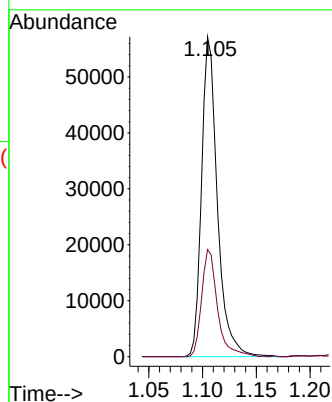
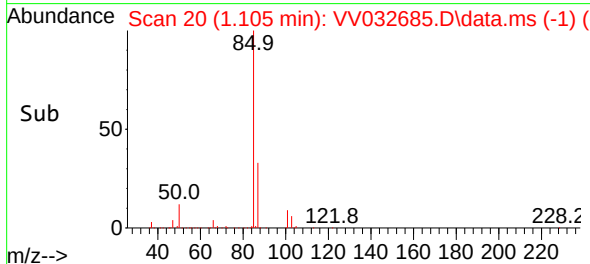


#2
Dichlorodifluoromethane
Concen: 3.847 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV032685.D
Acq: 27 Oct 2023 15:41

Instrument :
MSVOA_V
ClientSampleId :

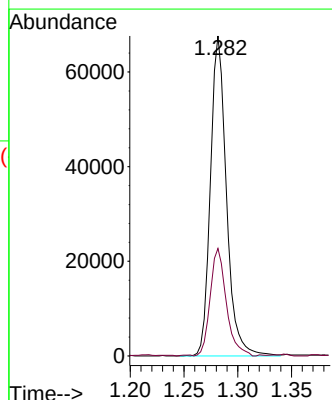
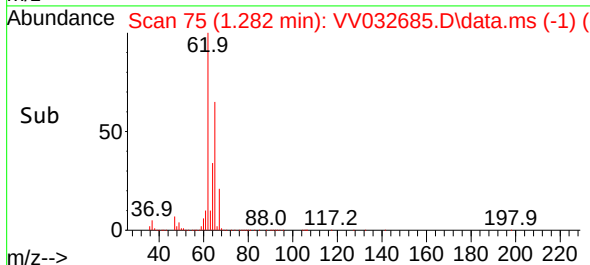
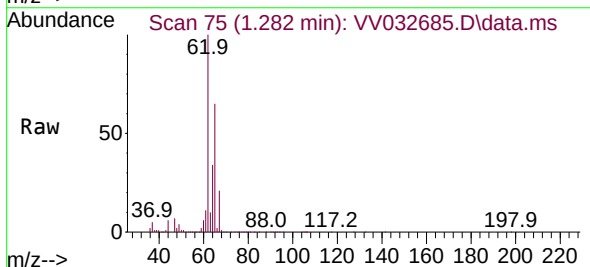


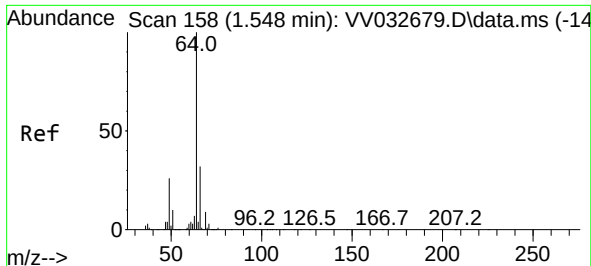
Tgt Ion: 85 Resp: 58473
Ion Ratio Lower Upper
85 100
87 33.6 25.9 38.9



#5
Vinyl chloride
Concen: 3.950 ug/L
RT: 1.282 min Scan# 75
Delta R.T. 0.000 min
Lab File: VV032685.D
Acq: 27 Oct 2023 15:41

Tgt Ion: 62 Resp: 70282
Ion Ratio Lower Upper
62 100
64 33.6 23.2 43.0

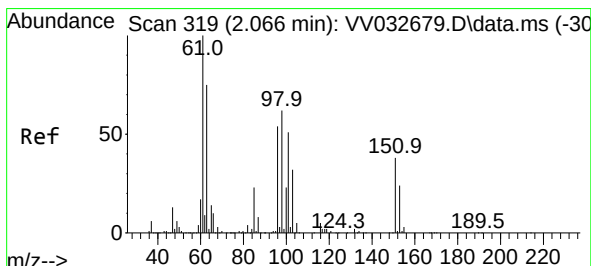
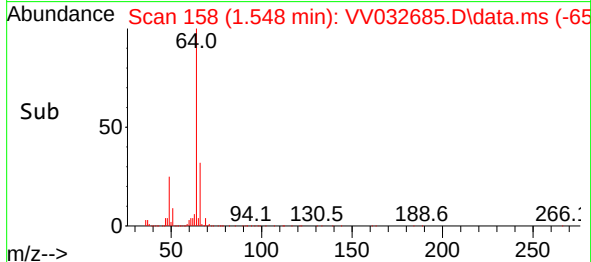
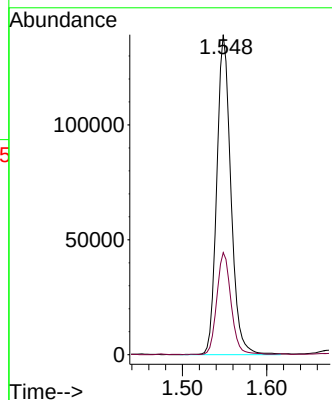
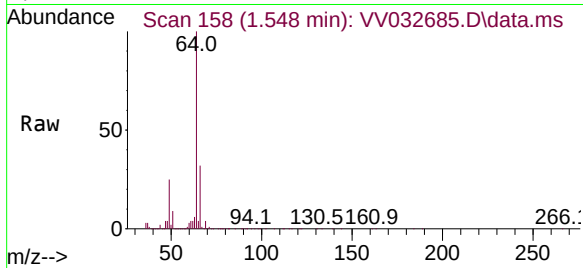




#8
Chloroethane
Concen: 13.882 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV032685.D
Acq: 27 Oct 2023 15:41

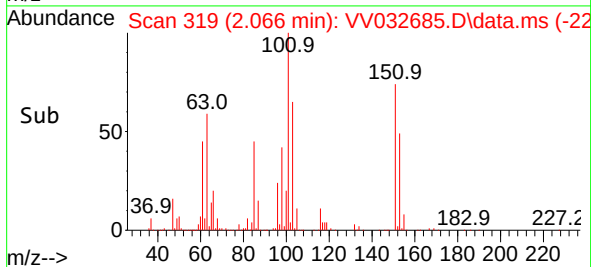
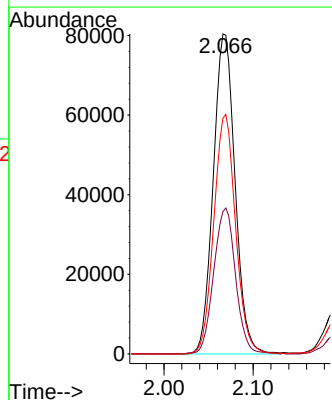
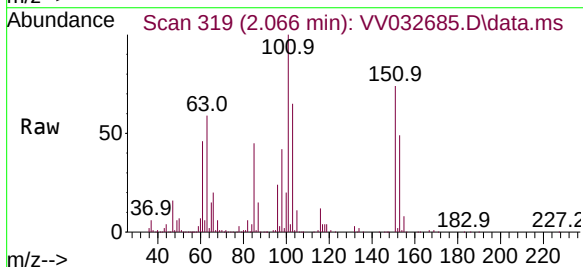
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MSVOA_V
ClientSampleId :

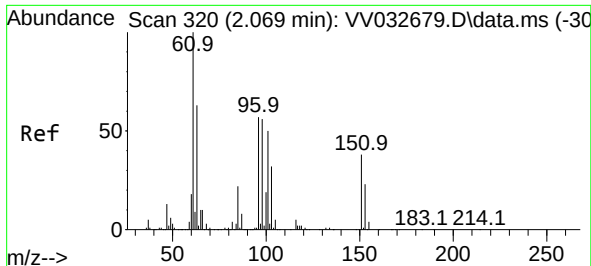
Tgt Ion: 64 Resp: 161534
Ion Ratio Lower Upper
64 100
66 31.9 22.3 41.5



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.697 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV032685.D
Acq: 27 Oct 2023 15:41

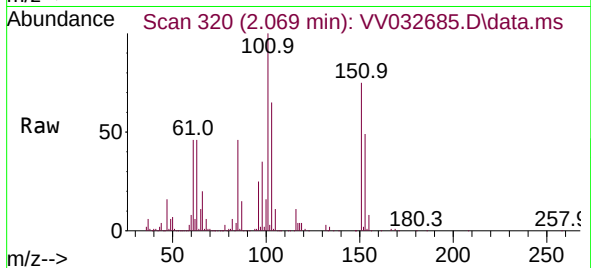
Tgt Ion: 101 Resp: 136977
Ion Ratio Lower Upper
101 100
85 45.7 36.2 54.4
151 75.0 59.0 88.6



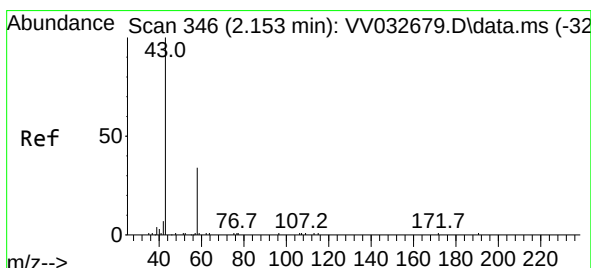
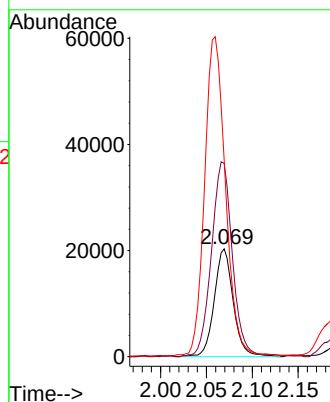
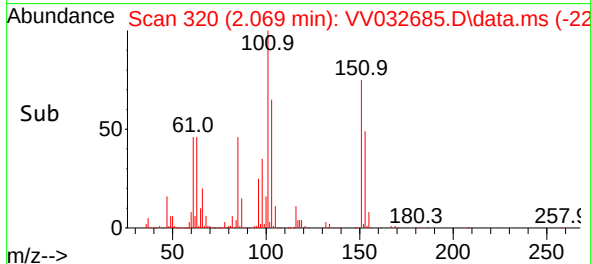


#12
1,1-Dichloroethene
Concen: 2.210 ug/L
RT: 2.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV032685.D
Acq: 27 Oct 2023 15:41

Instrument :
MSVOA_V
ClientSampleId :

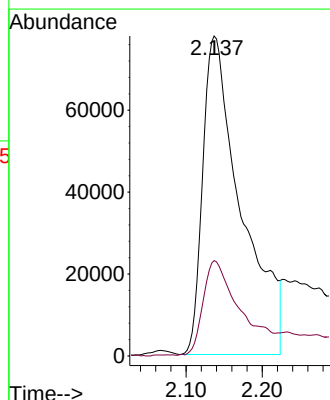
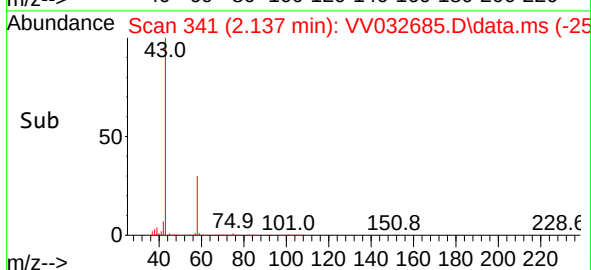
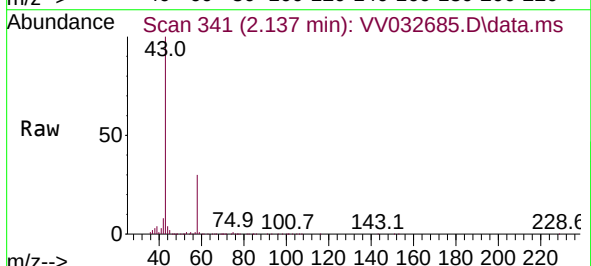


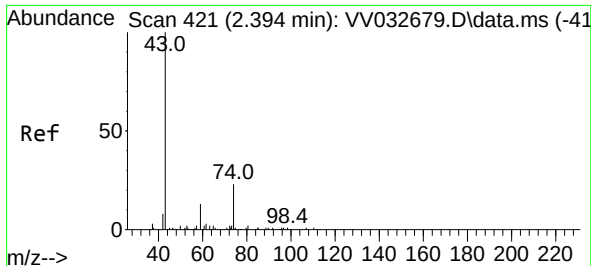
Tgt Ion: 96 Resp: 29248
Ion Ratio Lower Upper
96 100
61 179.3 122.3 227.1
63 181.9 89.4 166.0#



#13
Acetone
Concen: 105.390 ug/L
RT: 2.137 min Scan# 341
Delta R.T. -0.016 min
Lab File: VV032685.D
Acq: 27 Oct 2023 15:41

Tgt Ion: 43 Resp: 273198
Ion Ratio Lower Upper
43 100
58 29.1 0.0 50.6

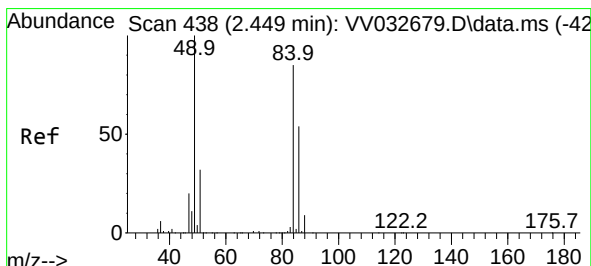
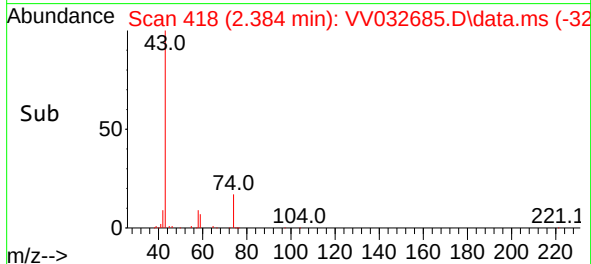
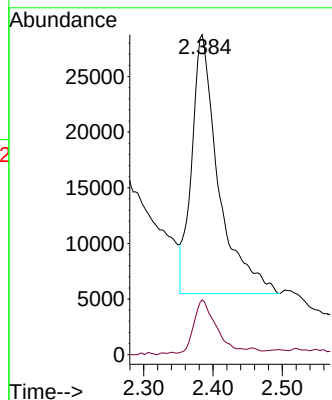
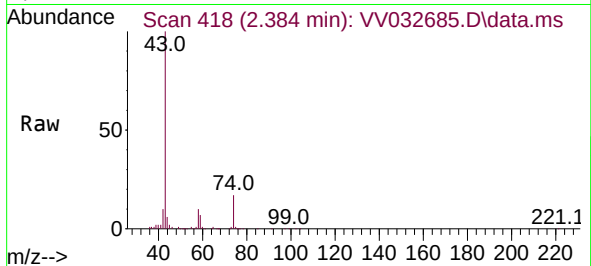




#15
Methyl Acetate
Concen: 12.090 ug/L
RT: 2.384 min Scan# 418
Delta R.T. -0.010 min
Lab File: VV032685.D
Acq: 27 Oct 2023 15:41

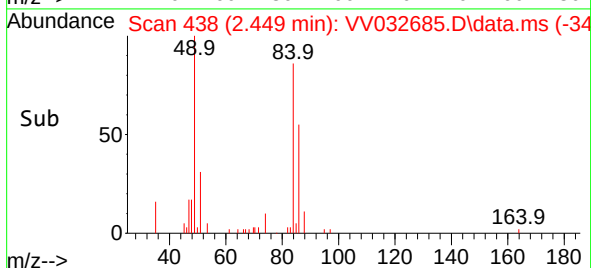
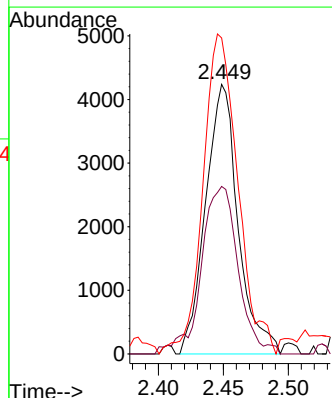
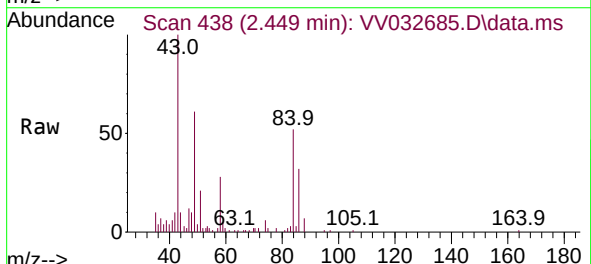
Instrument :
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ClientSampleId :

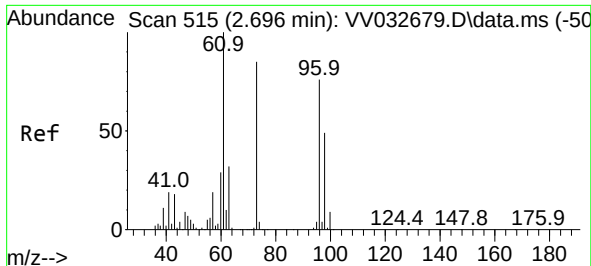
Tgt Ion: 43 Resp: 62761
Ion Ratio Lower Upper
43 100
74 17.0 23.1 34.7#



#16
Methylene chloride
Concen: 0.453 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV032685.D
Acq: 27 Oct 2023 15:41

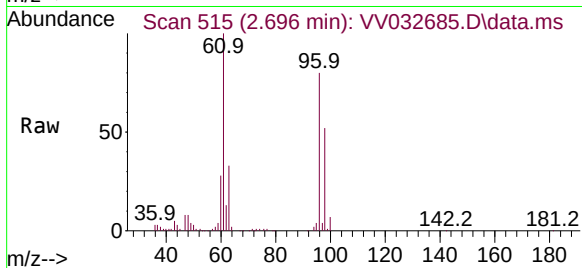
Tgt Ion: 84 Resp: 7373
Ion Ratio Lower Upper
84 100
86 62.1 44.8 83.2
49 117.2 81.1 150.5





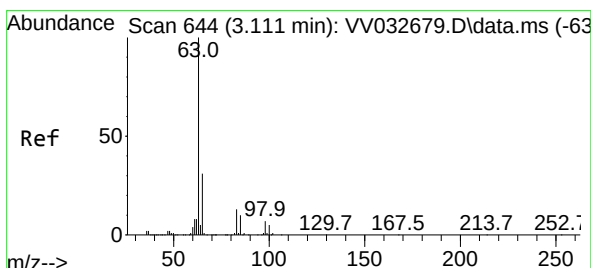
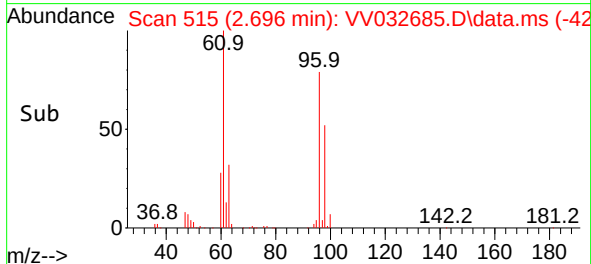
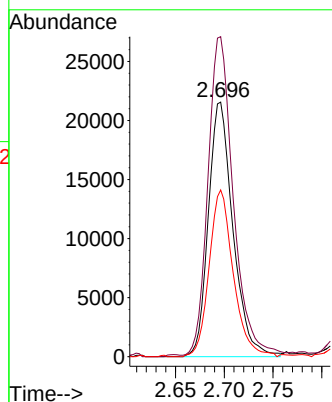
#18
 trans-1,2-Dichloroethene
 Concen: 2.892 ug/L
 RT: 2.696 min Scan# 515
 Delta R.T. 0.000 min
 Lab File: VV032685.D
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Tgt Ion: 96 Resp: 37849

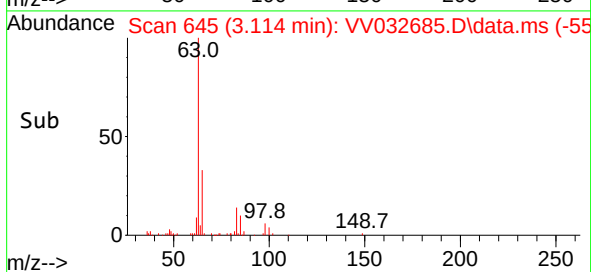
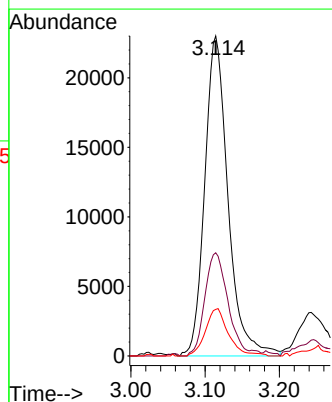
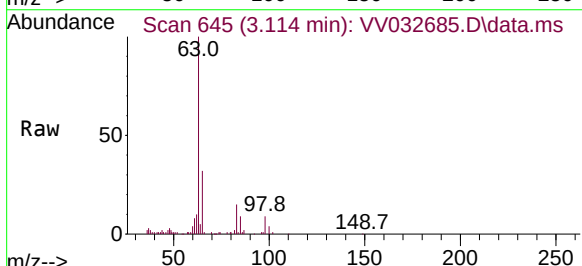
Ion	Ratio	Lower	Upper
96	100		
61	125.7	88.7	164.7
98	65.5	44.4	82.4

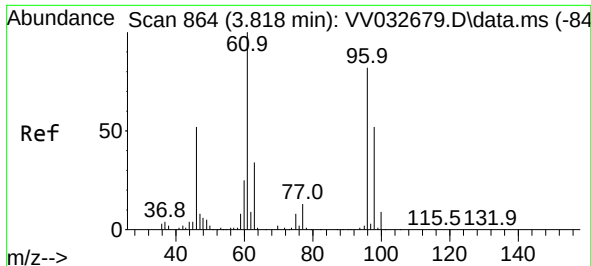


#19
 1,1-Dichloroethane
 Concen: 2.162 ug/L
 RT: 3.114 min Scan# 645
 Delta R.T. 0.003 min
 Lab File: VV032685.D
 Acq: 27 Oct 2023 15:41

Tgt Ion: 63 Resp: 50157

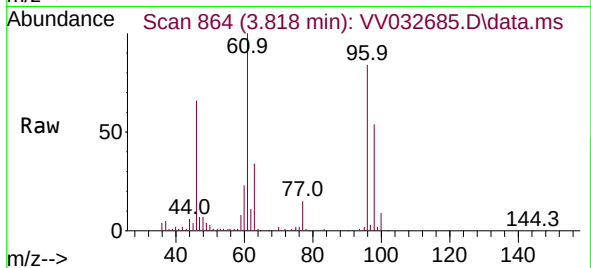
Ion	Ratio	Lower	Upper
63	100		
65	32.3	21.5	39.9
83	14.5	9.2	17.0





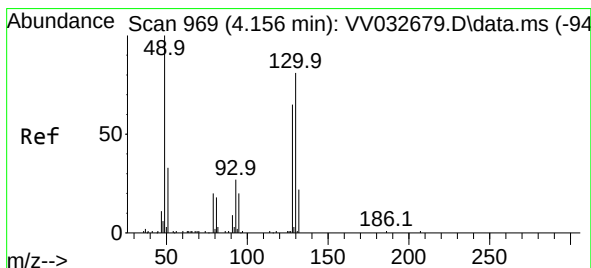
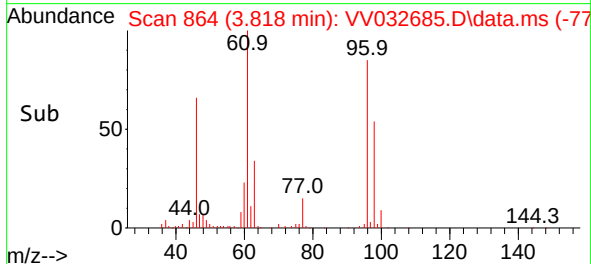
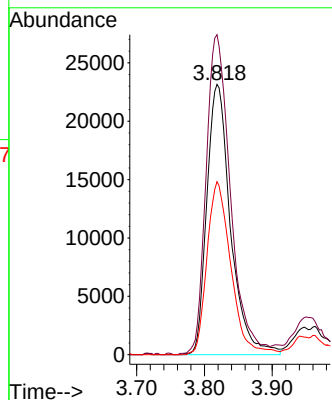
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 cis-1,2-Dichloroethene
 Concen: 4.255 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV032685.D
 Acq: 27 Oct 2023 15:41

Instrument :
 MSVOA_V
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Tgt Ion: 96 Resp: 56444

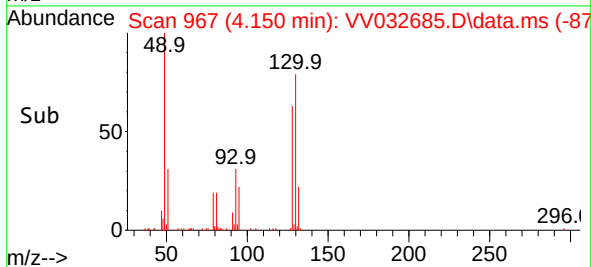
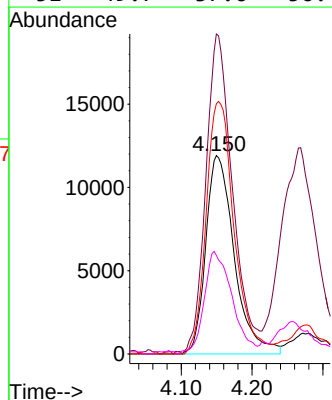
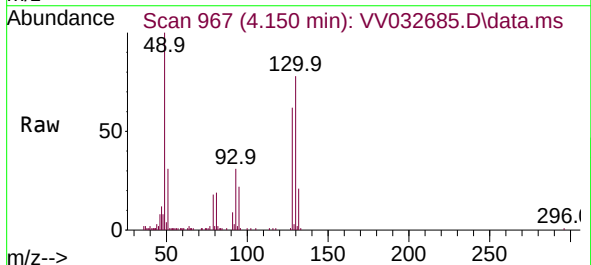
Ion	Ratio	Lower	Upper
96	100		
61	118.4	87.7	162.9
98	64.0	45.0	83.6

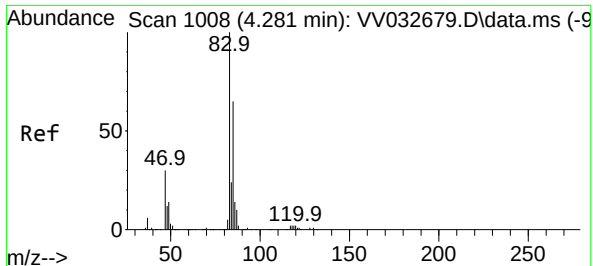


#23
 Bromochloromethane
 Concen: 5.398 ug/L
 RT: 4.150 min Scan# 967
 Delta R.T. -0.006 min
 Lab File: VV032685.D
 Acq: 27 Oct 2023 15:41

Tgt Ion: 128 Resp: 33316

Ion	Ratio	Lower	Upper
128	100		
49	161.2	110.4	205.0
130	126.1	86.8	161.2
51	49.7	37.6	56.4





#25

Chloroform

Concen: 7.877 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. -0.003 min

Lab File: VV032685.D

Acq: 27 Oct 2023 15:41

Instrument :

MSVOA_V

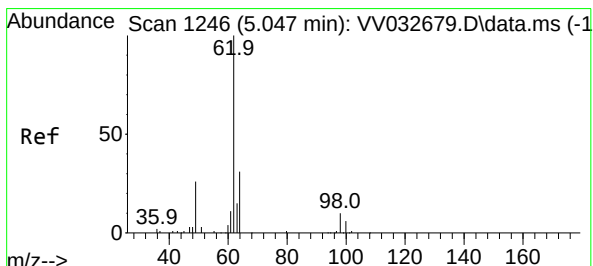
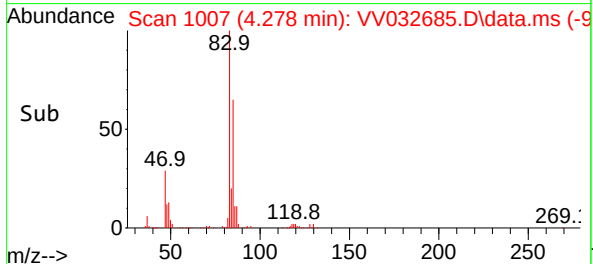
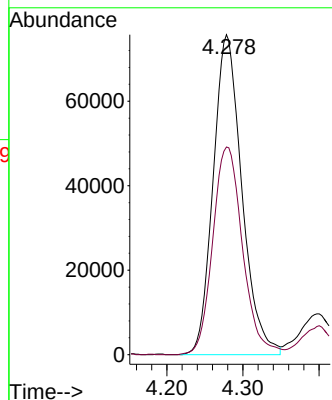
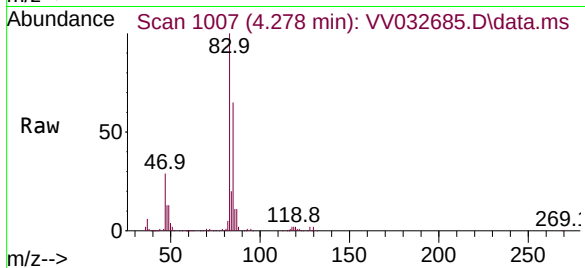
ClientSampleId :

Tgt Ion: 83 Resp: 198662

Ion Ratio Lower Upper

83 100

85 64.9 45.7 84.9



#27

1,2-Dichloroethane

Concen: 1.940 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. 0.007 min

Lab File: VV032685.D

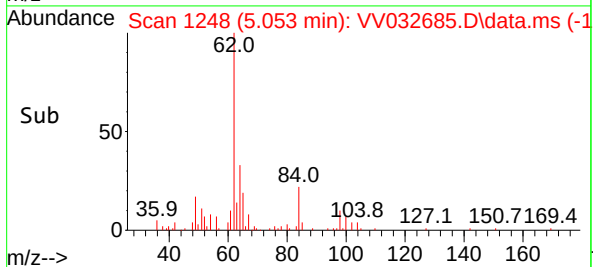
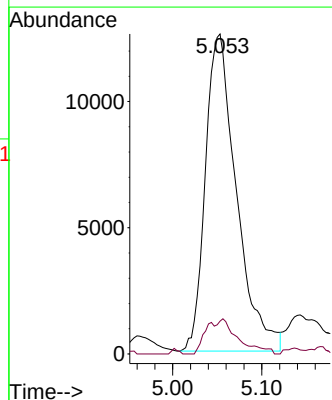
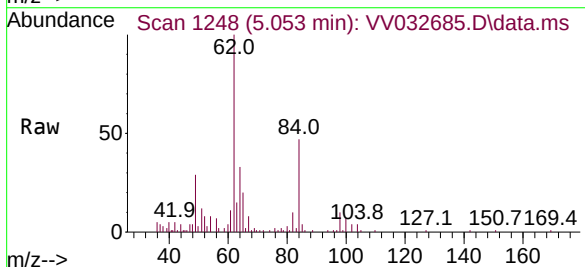
Acq: 27 Oct 2023 15:41

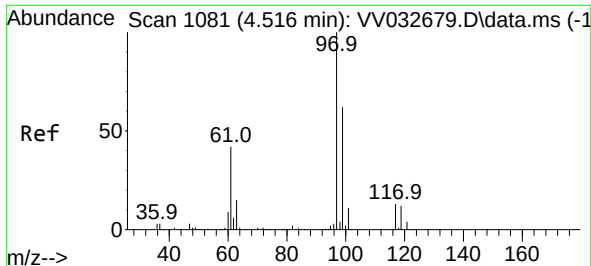
Tgt Ion: 62 Resp: 30412

Ion Ratio Lower Upper

62 100

98 10.2 7.0 10.4





#29

1,1,1-Trichloroethane

Concen: 2.108 ug/L

RT: 4.513 min Scan# 1100

Delta R.T. -0.003 min

Lab File: VV032685.D

Acq: 27 Oct 2023 15:41

Instrument :

MSVOA_V

ClientSampleId :

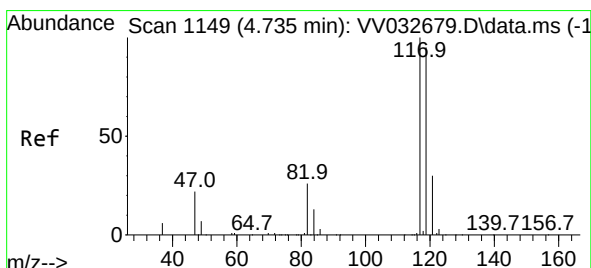
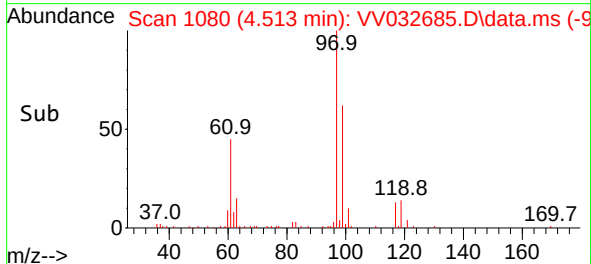
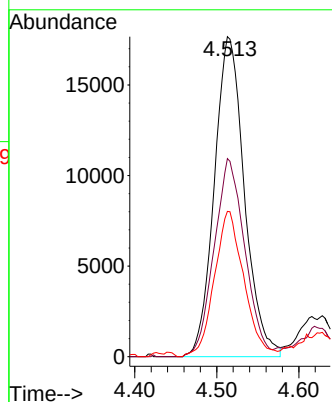
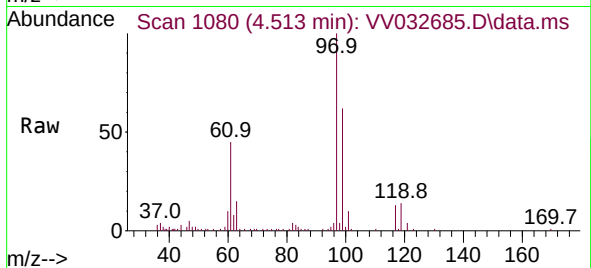
Tgt Ion: 97 Resp: 45088

Ion Ratio Lower Upper

97 100

99 63.0 51.4 77.0

61 44.6 36.1 54.1



#31

Carbon tetrachloride

Concen: 3.089 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. 0.003 min

Lab File: VV032685.D

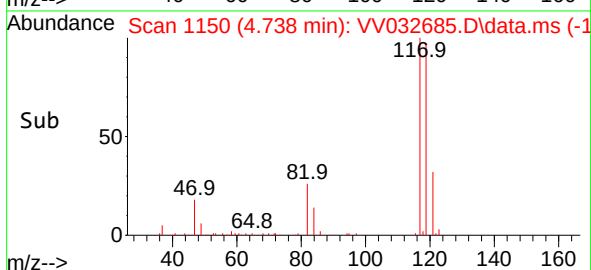
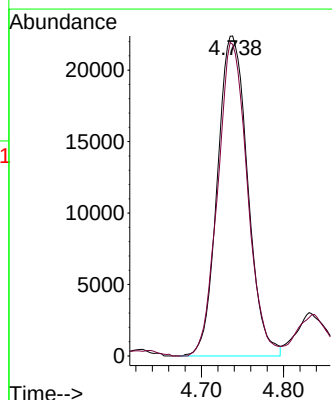
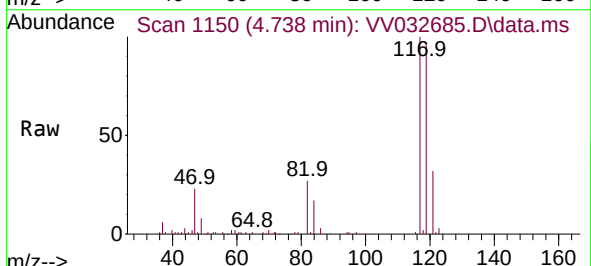
Acq: 27 Oct 2023 15:41

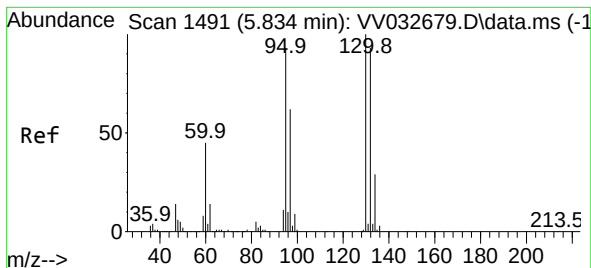
Tgt Ion: 117 Resp: 57482

Ion Ratio Lower Upper

117 100

119 95.9 77.8 116.6





#34

Trichloroethene

Concen: 2.316 ug/L

RT: 5.838 min Scan# 1491

Delta R.T. 0.003 min

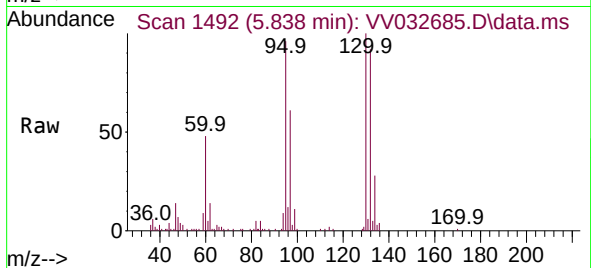
Lab File: VV032685.D

Acq: 27 Oct 2023 15:41

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 32331

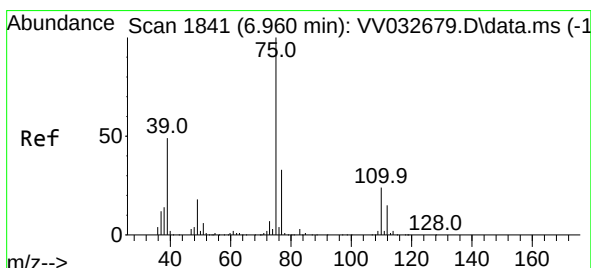
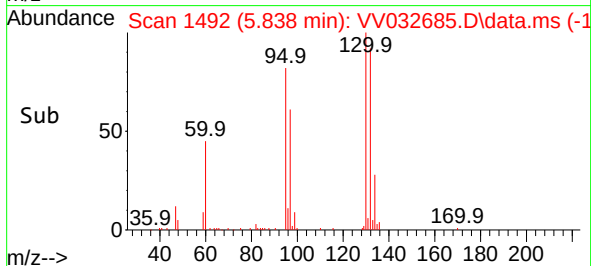
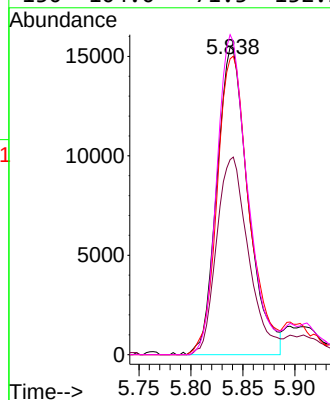
Ion Ratio Lower Upper

95 100

97 63.4 44.0 81.8

132 96.2 66.9 124.3

130 104.0 71.3 132.3



#39

cis-1,3-Dichloropropene

Concen: 4.824 ug/L

RT: 6.957 min Scan# 1840

Delta R.T. -0.003 min

Lab File: VV032685.D

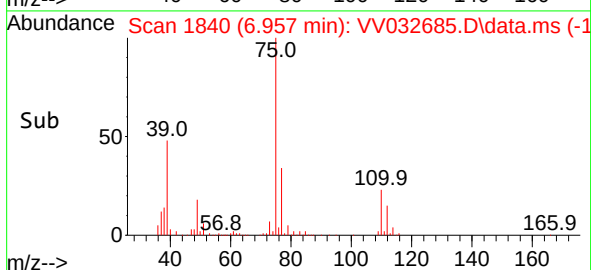
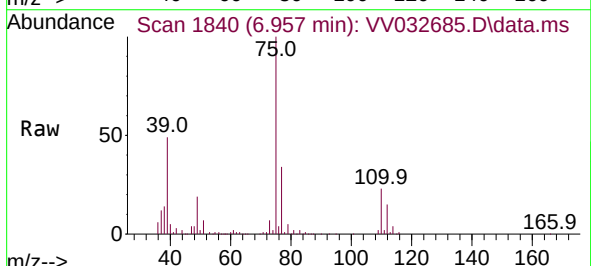
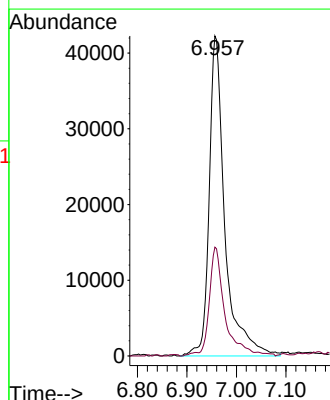
Acq: 27 Oct 2023 15:41

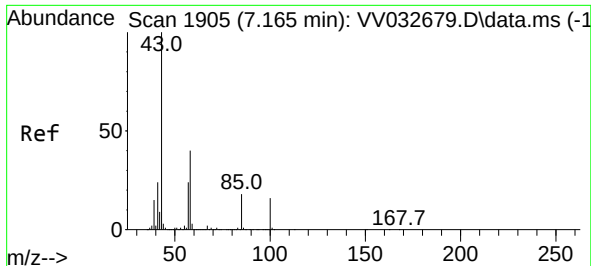
Tgt Ion: 75 Resp: 92626

Ion Ratio Lower Upper

75 100

77 34.0 23.2 43.2





#40

4-Methyl-2-pentanone

Concen: 64.946 ug/L

RT: 7.162 min Scan# 1905

Delta R.T. -0.003 min

Lab File: VV032685.D

Acq: 27 Oct 2023 15:41

Instrument :

MSVOA_V

ClientSampleId :

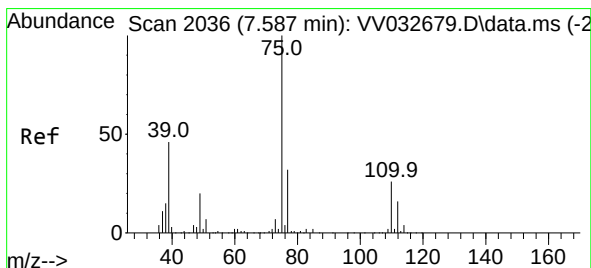
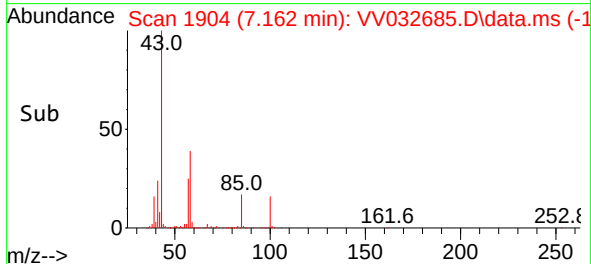
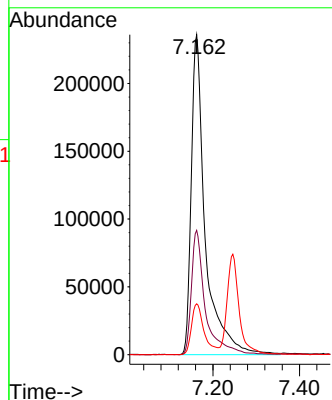
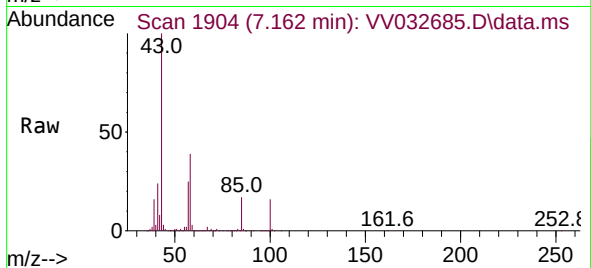
Tgt Ion: 43 Resp: 528482

Ion Ratio Lower Upper

43 100

58 38.8 31.3 46.9

100 14.7 12.2 18.4



#44

trans-1,3-Dichloropropene

Concen: 2.440 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.000 min

Lab File: VV032685.D

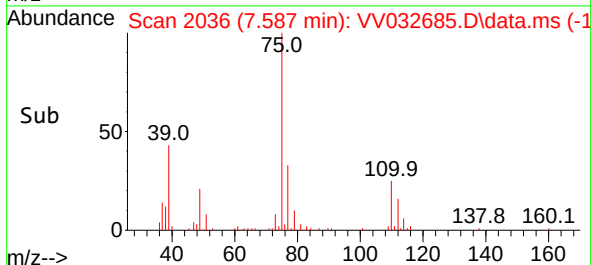
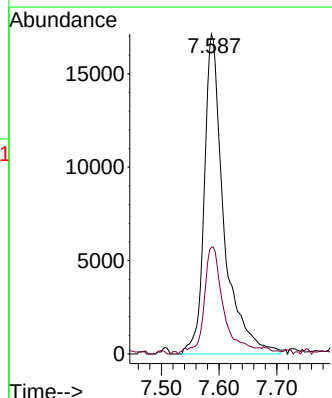
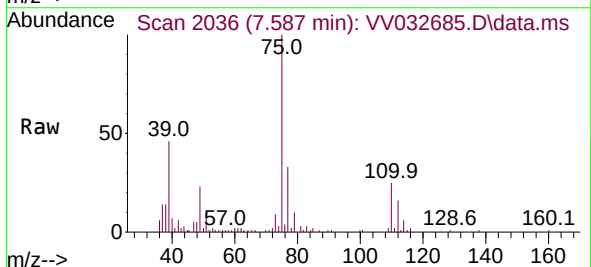
Acq: 27 Oct 2023 15:41

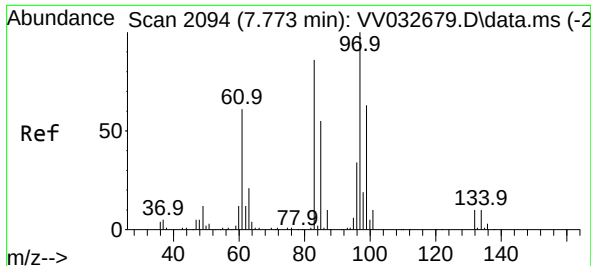
Tgt Ion: 75 Resp: 40315

Ion Ratio Lower Upper

75 100

77 33.4 23.4 43.4

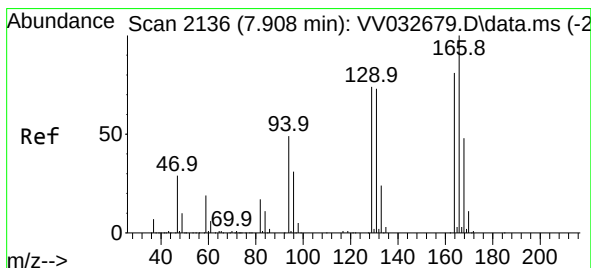
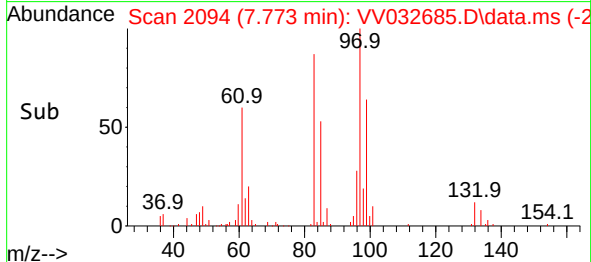
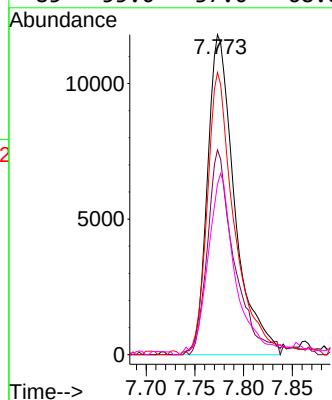
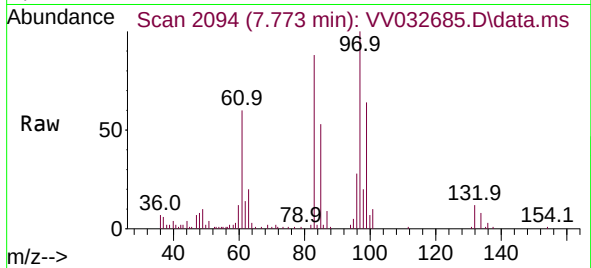




#45
1,1,2-Trichloroethane
Concen: 2.157 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.000 min
Lab File: VV032685.D
Acq: 27 Oct 2023 15:41

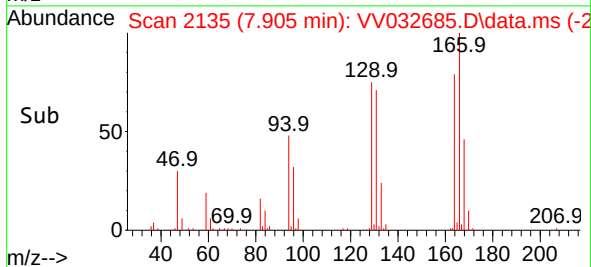
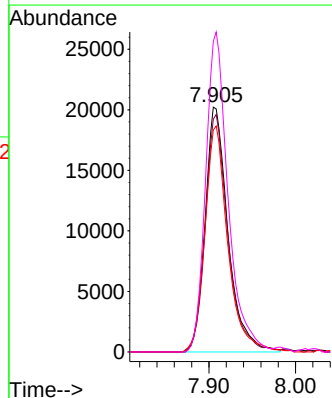
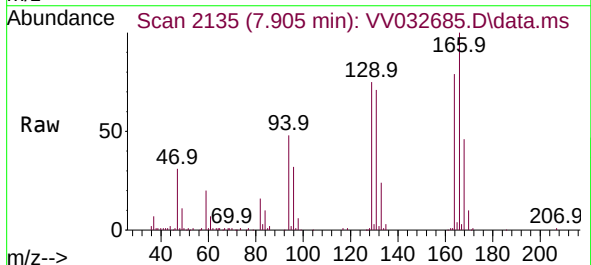
Instrument :
MSVOA_V
ClientSampleId :

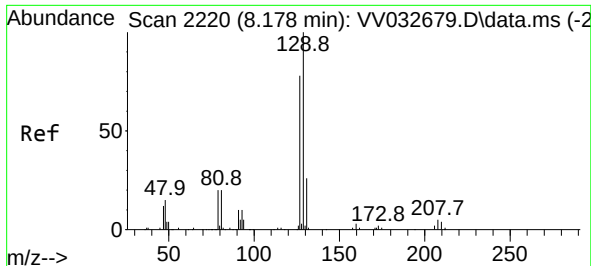
Tgt Ion:	97	Resp:	22976
Ion	Ratio	Lower	Upper
97	100		
99	64.0	44.0	81.8
83	88.2	59.9	111.3
85	55.0	37.0	68.8



#47
Tetrachloroethene
Concen: 3.024 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.003 min
Lab File: VV032685.D
Acq: 27 Oct 2023 15:41

Tgt Ion:	164	Resp:	37315
Ion	Ratio	Lower	Upper
164	100		
129	95.1	65.3	121.3
131	90.7	66.6	123.8
166	126.9	91.6	170.2





#49

Dibromochloromethane

Concen: 2.678 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.270 min

Lab File: VV032685.D

Acq: 27 Oct 2023 15:41

Instrument :

MSVOA_V

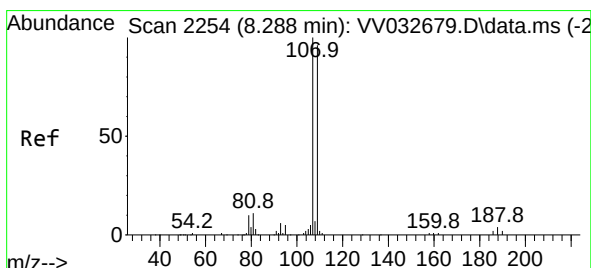
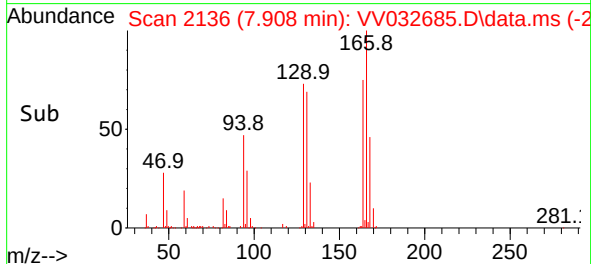
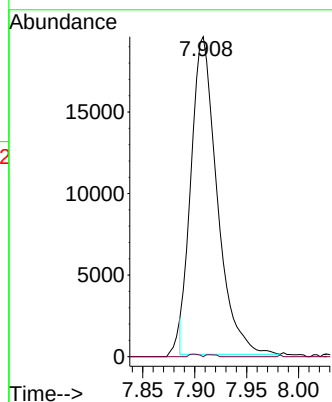
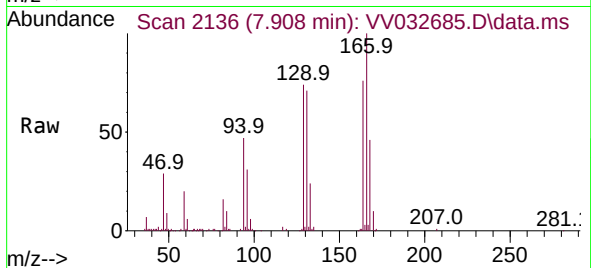
ClientSampleId :

Tgt Ion:129 Resp: 33833

Ion Ratio Lower Upper

129 100

127 0.0 54.0 100.4#



#50

1,2-Dibromoethane

Concen: 5.124 ug/L

RT: 8.284 min Scan# 2253

Delta R.T. -0.003 min

Lab File: VV032685.D

Acq: 27 Oct 2023 15:41

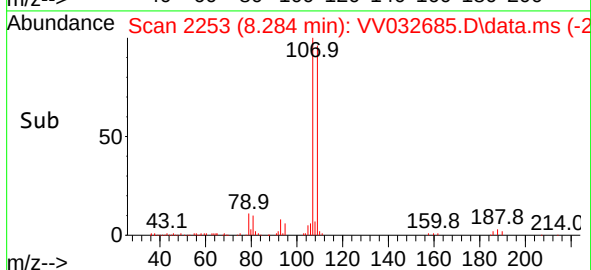
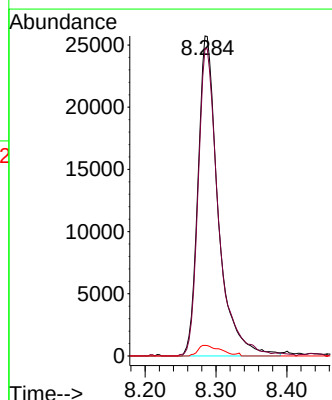
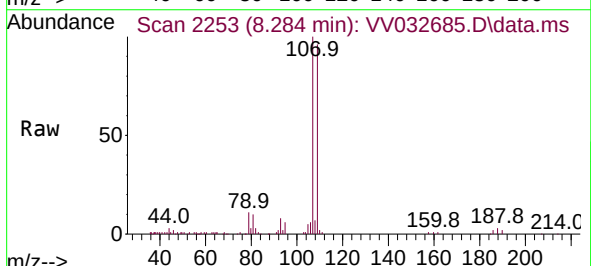
Tgt Ion:107 Resp: 50932

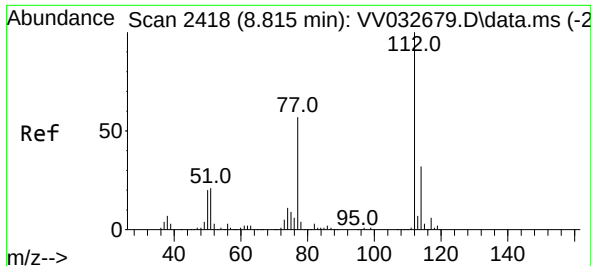
Ion Ratio Lower Upper

107 100

109 96.0 66.4 123.4

188 3.3 2.9 4.3

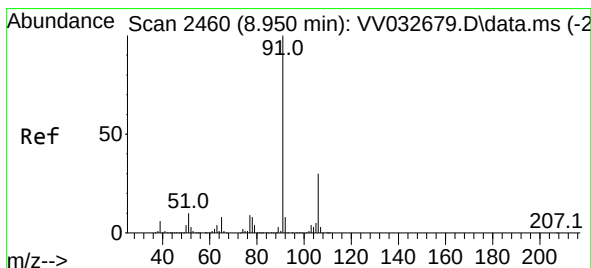
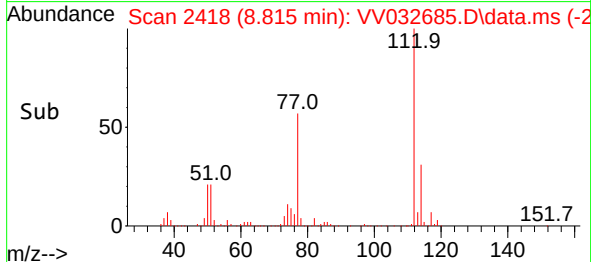
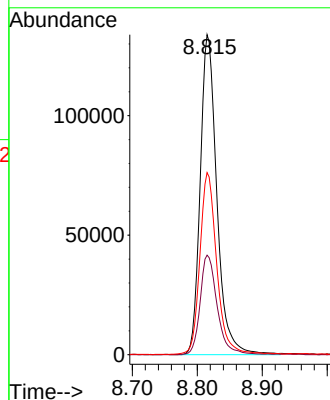
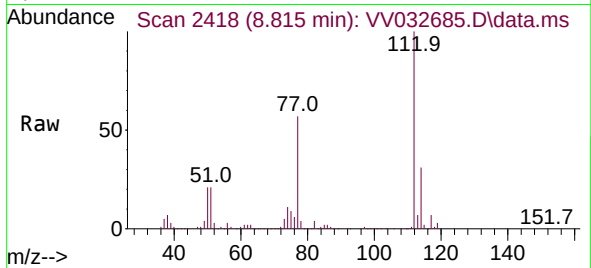




#51
Chlorobenzene
Concen: 5.962 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.000 min
Lab File: VV032685.D
Acq: 27 Oct 2023 15:41

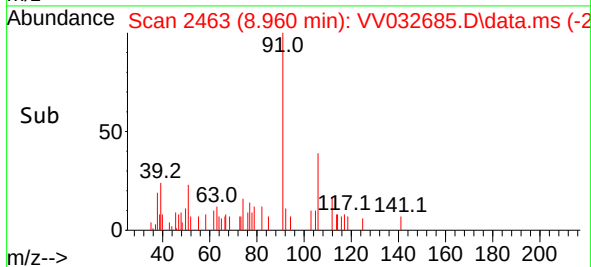
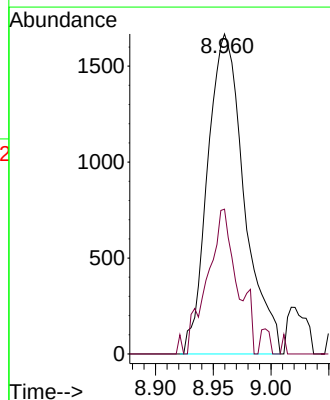
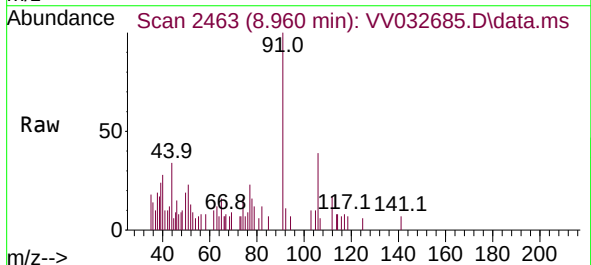
Instrument :
MSVOA_V
ClientSampleId :

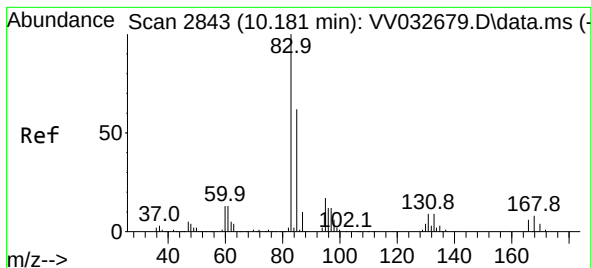
Tgt Ion:112 Resp: 239189
Ion Ratio Lower Upper
112 100
114 31.1 22.7 42.3
77 56.9 45.7 68.5



#52
Ethylbenzene
Concen: 0.058 ug/L
RT: 8.960 min Scan# 2463
Delta R.T. 0.010 min
Lab File: VV032685.D
Acq: 27 Oct 2023 15:41

Tgt Ion: 91 Resp: 3681
Ion Ratio Lower Upper
91 100
106 45.3 20.9 38.9#

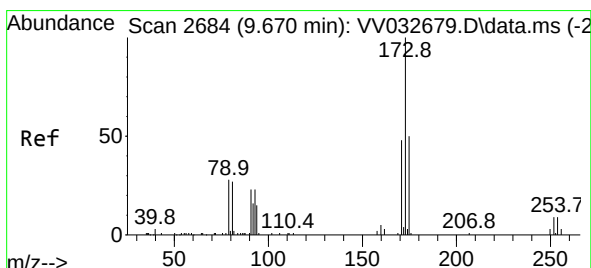
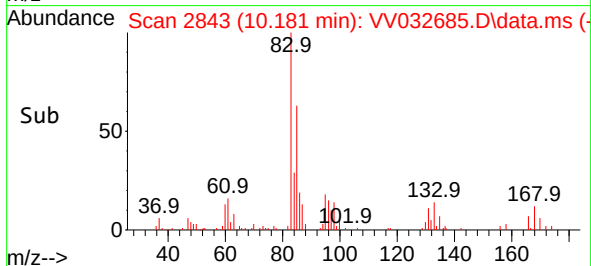
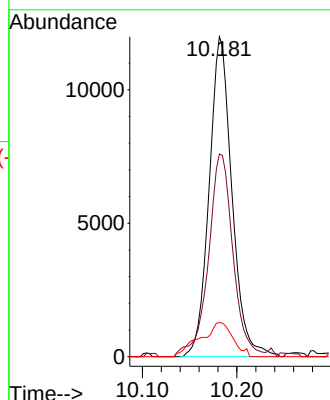
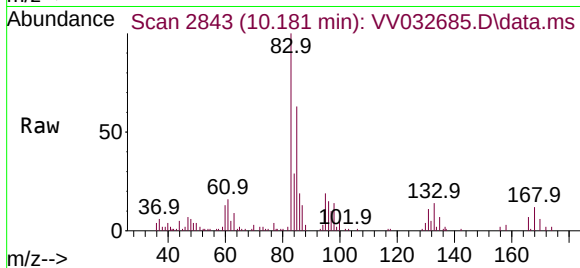




#57
1,1,2-Tetrachloroethane
Concen: 1.619 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VV032685.D
Acq: 27 Oct 2023 15:41

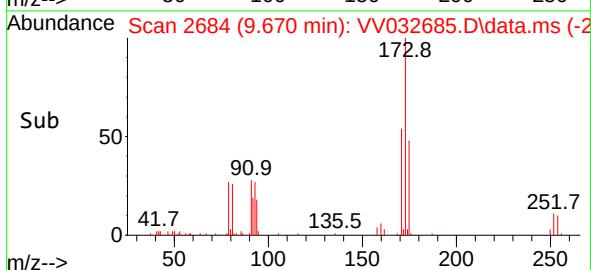
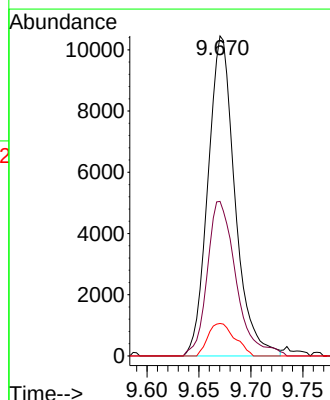
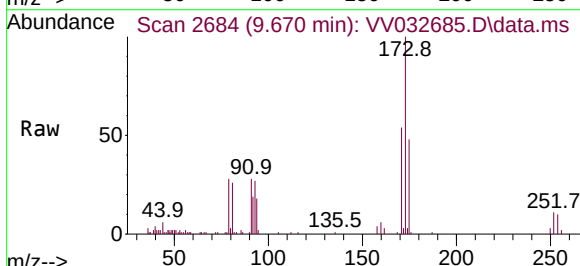
Instrument :
MSVOA_V
ClientSampleId :

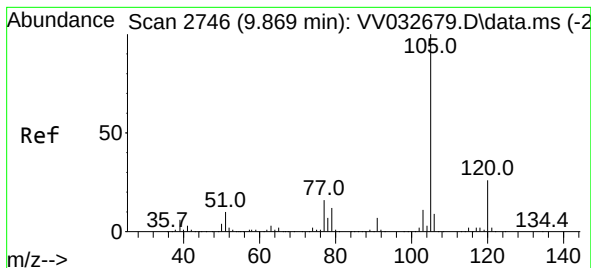
Tgt Ion: 83 Resp: 20117
Ion Ratio Lower Upper
83 100
85 63.3 44.0 81.8
131 10.7 7.8 11.8



#59
Bromoform
Concen: 2.847 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.000 min
Lab File: VV032685.D
Acq: 27 Oct 2023 15:41

Tgt Ion: 173 Resp: 18878
Ion Ratio Lower Upper
173 100
175 51.5 38.4 57.6
254 10.1 6.9 10.3





#60

Isopropylbenzene

Concen: 3.631 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.984 min

Lab File: VV032685.D

Acq: 27 Oct 2023 15:41

Instrument :

MSVOA_V

ClientSampleId :

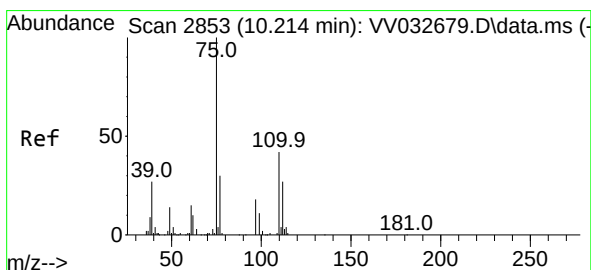
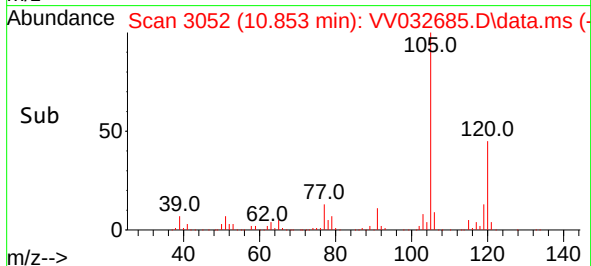
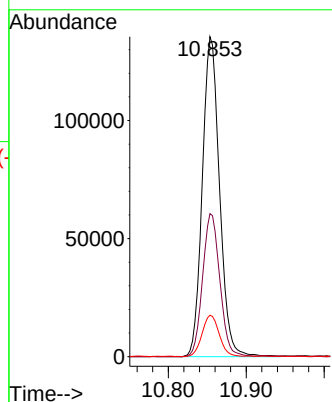
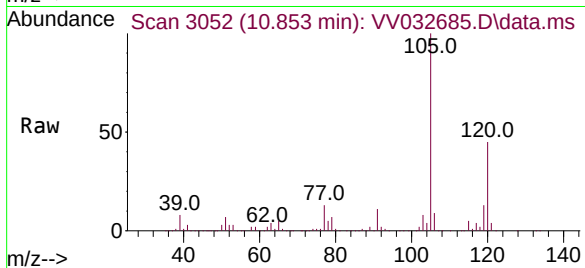
Tgt Ion:105 Resp: 208241

Ion Ratio Lower Upper

105 100

120 44.7 21.0 31.6#

77 13.0 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 0.277 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.643 min

Lab File: VV032685.D

Acq: 27 Oct 2023 15:41

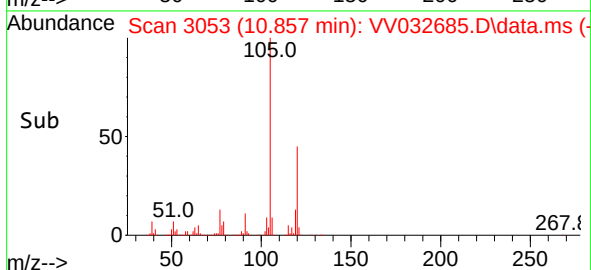
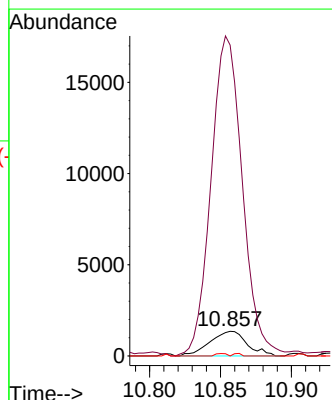
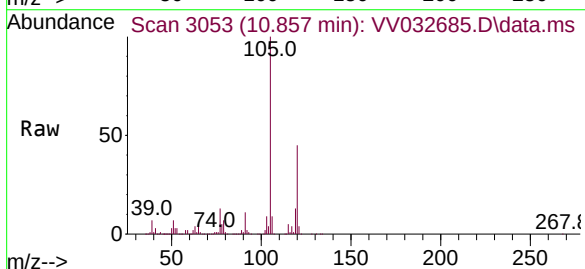
Tgt Ion: 75 Resp: 2476

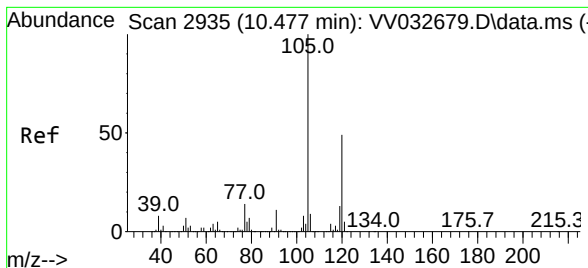
Ion Ratio Lower Upper

75 100

77 1090.3 24.5 36.7#

110 0.0 32.3 48.5#





#62

1,3,5-Trimethylbenzene

Concen: 4.441 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.376 min

Lab File: VV032685.D

Acq: 27 Oct 2023 15:41

Instrument :

MSVOA_V

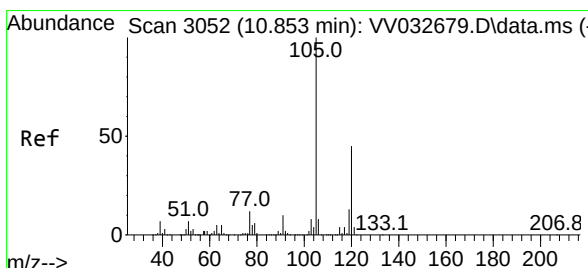
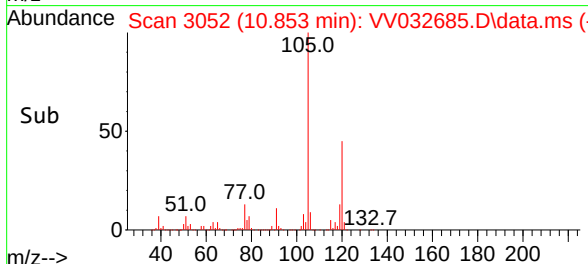
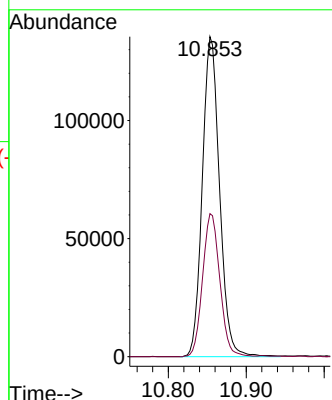
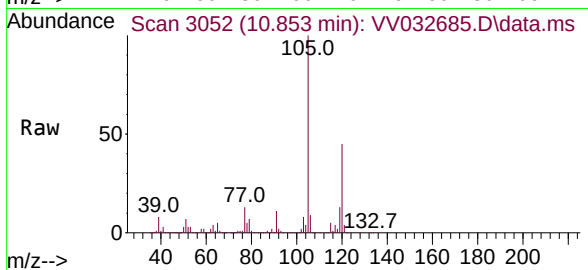
ClientSampleId :

Tgt Ion:105 Resp: 208241

Ion Ratio Lower Upper

105 100

120 44.7 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 4.494 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VV032685.D

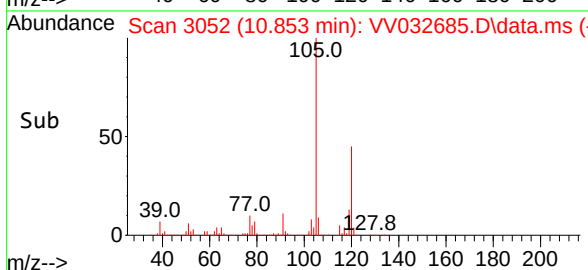
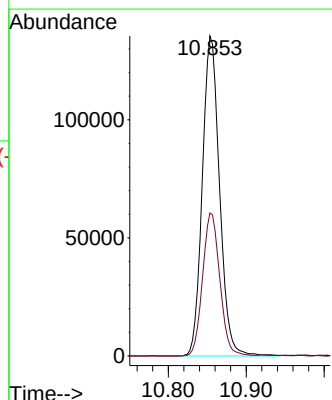
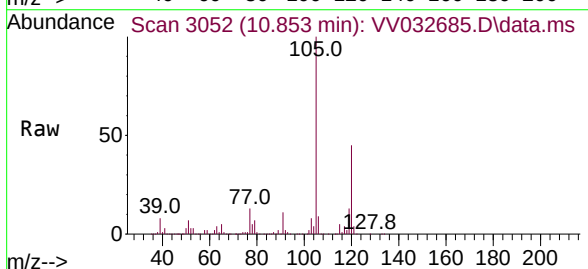
Acq: 27 Oct 2023 15:41

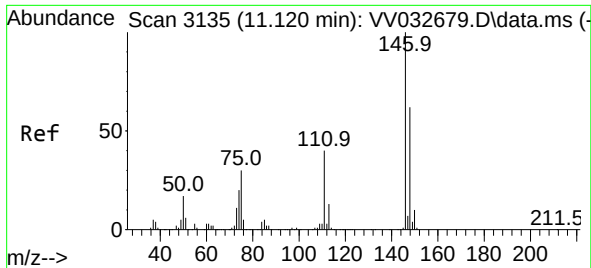
Tgt Ion:105 Resp: 208241

Ion Ratio Lower Upper

105 100

120 44.7 36.9 55.3

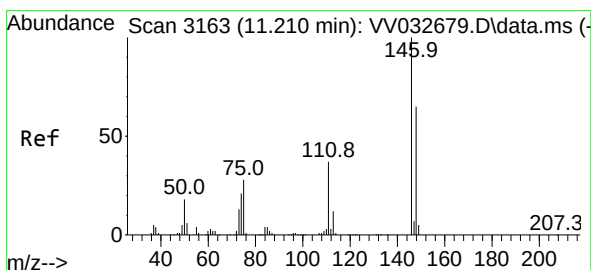
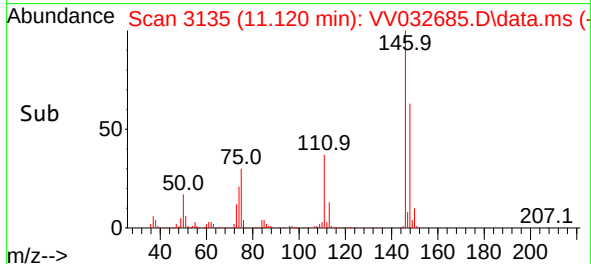
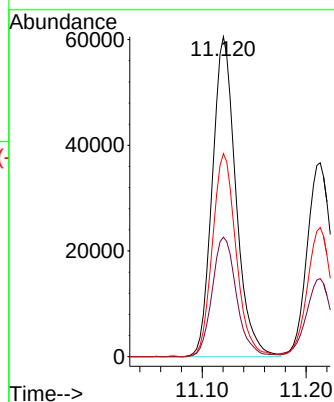
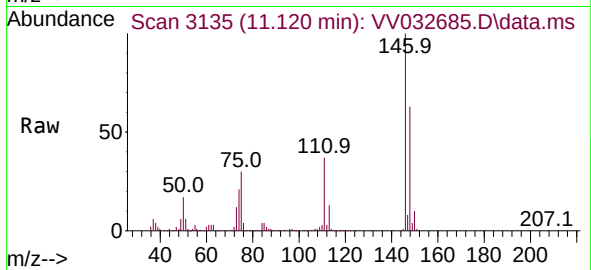




#64
1,3-Dichlorobenzene
Concen: 3.099 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VV032685.D
Acq: 27 Oct 2023 15:41

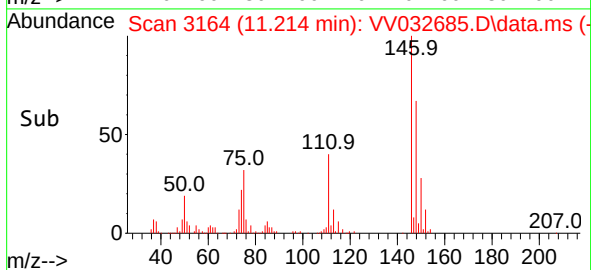
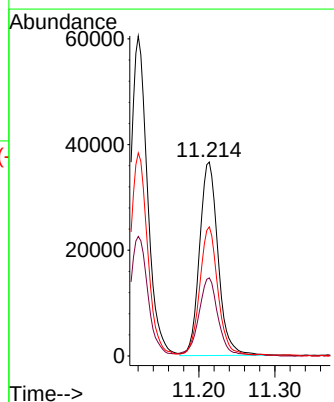
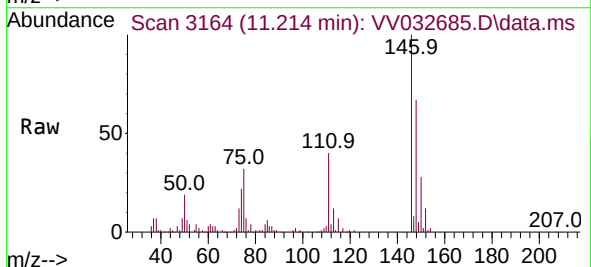
Instrument :
MSVOA_V
ClientSampleId :

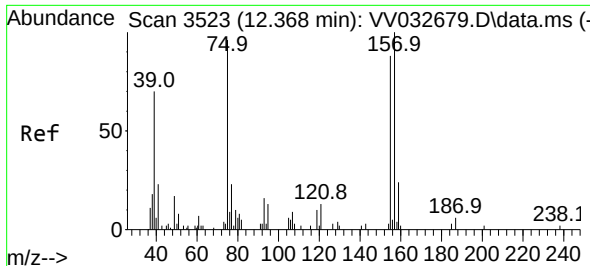
Tgt Ion:146 Resp: 95376
Ion Ratio Lower Upper
146 100
111 37.3 26.8 49.8
148 63.5 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 2.027 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VV032685.D
Acq: 27 Oct 2023 15:41

Tgt Ion:146 Resp: 61916
Ion Ratio Lower Upper
146 100
111 40.3 26.2 48.8
148 66.6 44.3 82.3

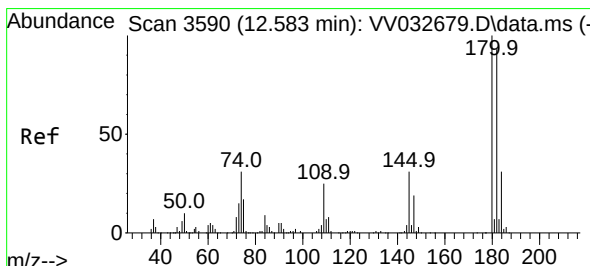
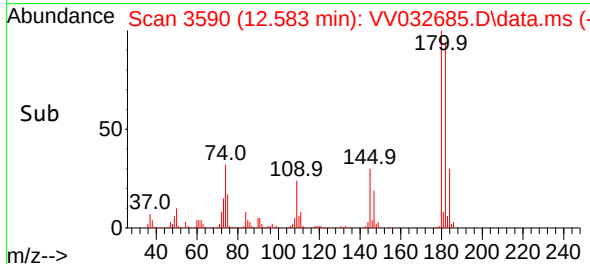
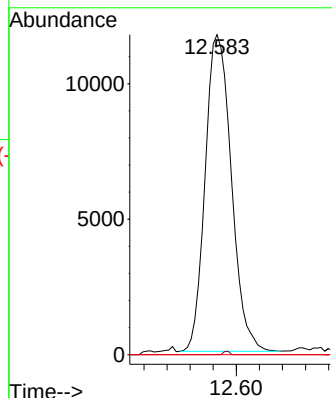
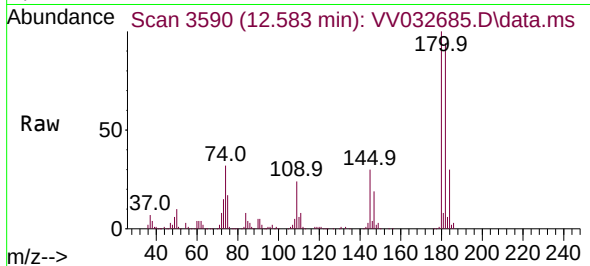




#68
 1,2-Dibromo-3-chloropropane
 Concen: 8.628 ug/L
 RT: 12.583 min Scan# 3590
 Delta R.T. 0.216 min
 Lab File: VV032685.D
 Acq: 27 Oct 2023 15:41

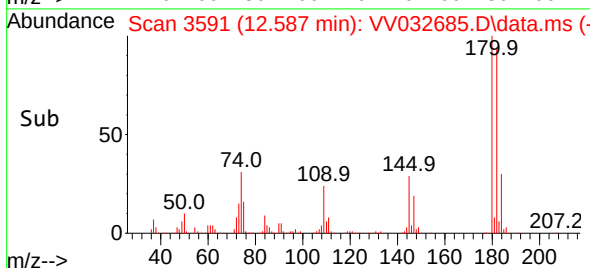
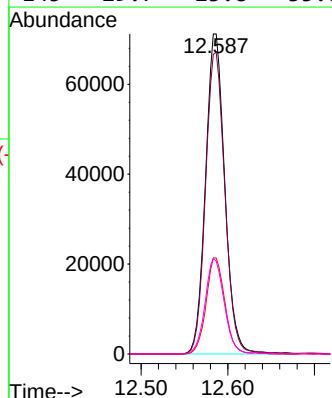
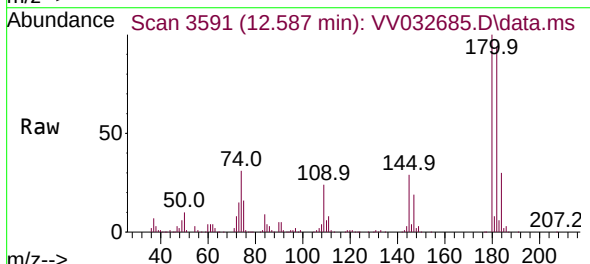
Instrument :
 MSVOA_V
 ClientSampleId :

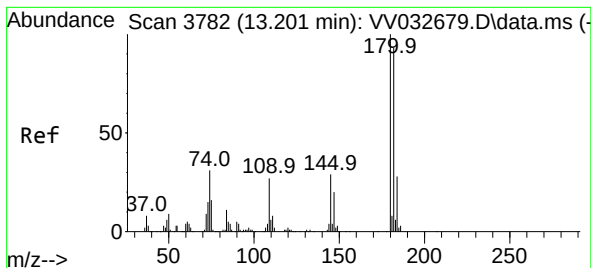
Tgt Ion: 75 Resp: 18430
 Ion Ratio Lower Upper
 75 100
 155 0.0 70.1 105.1#
 157 0.0 90.2 135.2#



#69
 1,3,5-Trichlorobenzene
 Concen: 5.007 ug/L
 RT: 12.587 min Scan# 3591
 Delta R.T. 0.003 min
 Lab File: VV032685.D
 Acq: 27 Oct 2023 15:41

Tgt Ion:180 Resp: 109987
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.6 115.0
 184 29.1 24.3 36.5
 145 29.7 23.8 35.8





#70

1,2,4-trichlorobenzene

Concen: 4.605 ug/L

RT: 13.201 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032685.D

Acq: 27 Oct 2023 15:41

Instrument :

MSVOA_V

ClientSampleId :

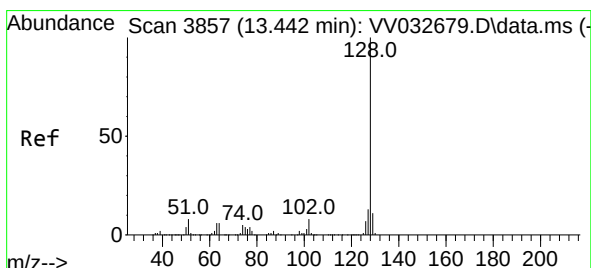
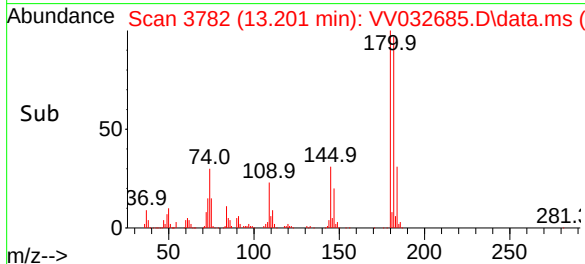
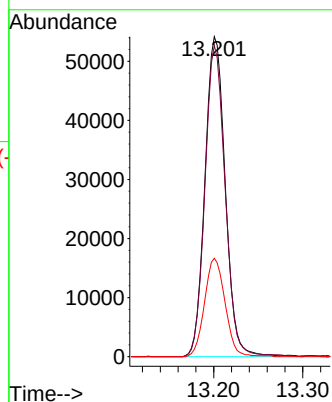
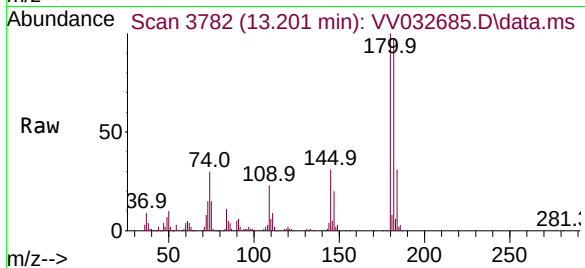
Tgt Ion:180 Resp: 85833

Ion Ratio Lower Upper

180 100

182 96.9 75.7 113.5

145 31.0 25.0 37.4



#71

Naphthalene

Concen: 0.065 ug/L

RT: 13.455 min Scan# 3861

Delta R.T. 0.013 min

Lab File: VV032685.D

Acq: 27 Oct 2023 15:41

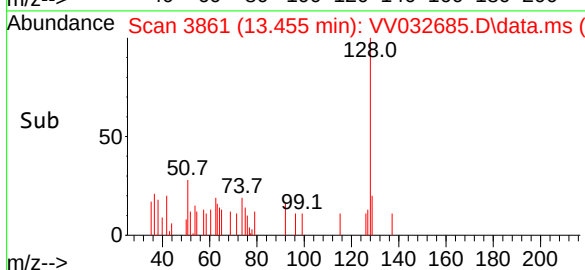
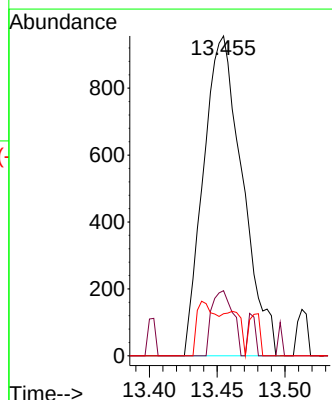
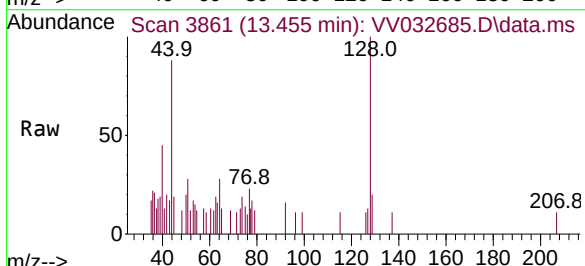
Tgt Ion:128 Resp: 1913

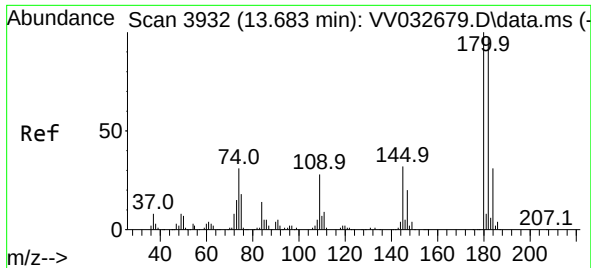
Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

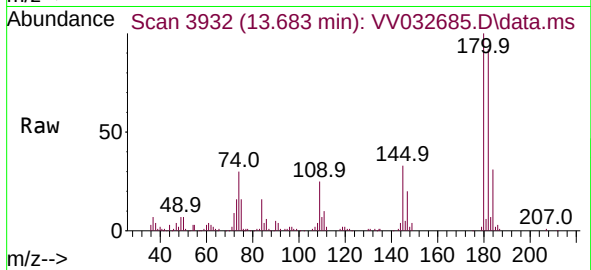
127 8.3 10.4 15.6#





#72
 1,2,3-Trichlorobenzene
 Concen: 2.901 ug/L
 RT: 13.683 min Scan# 3932
 Delta R.T. 0.000 min
 Lab File: VV032685.D
 Acq: 27 Oct 2023 15:41

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	47554
Ion Ratio	Lower	Upper	
180	100		
182	94.7	75.4	113.2
145	32.5	26.4	39.6

