

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122322\
 Data File : VW029787.D
 Acq On : 23 Dec 2022 15:24
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 24 01:51:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 24 01:45:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	508035	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	489678	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	286227	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	166950	53.665	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 107.320%		
7) Chloroethane-d5	1.561	69	146680	61.832	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 123.660%		
11) 1,1-Dichloroethene-d2	2.105	63	291298	60.033	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 120.060%		
21) 2-Butanone-d5	3.863	46	196605	103.597	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 103.600%		
24) Chloroform-d	4.333	84	299411	51.144	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 102.280%		
26) 1,2-Dichloroethane-d4	5.018	65	171155	51.189	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 102.380%		
32) Benzene-d6	5.037	84	629570	48.657	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 97.320%		
36) 1,2-Dichloropropane-d6	6.056	67	189939	48.058	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 96.120%		
41) Toluene-d8	7.304	98	578022	47.412	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 94.820%		
43) trans-1,3-Dichloroprop...	7.609	79	83723	41.951	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 83.900%		
47) 2-Hexanone-d5	8.079	63	161372	95.616	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 95.620%		
56) 1,1,2,2-Tetrachloroeth...	10.204	84	259368	45.924	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 91.840%		
66) 1,2-Dichlorobenzene-d4	11.612	152	226268	41.527	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 83.060%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	181448	45.343	ug/L	100
3) Chloromethane	1.240	50	199185	43.657	ug/L	100
5) Vinyl chloride	1.310	62	201402	52.760	ug/L	98
6) Bromomethane	1.516	94	85676	55.779	ug/L	100
8) Chloroethane	1.581	64	123110	57.918	ug/L	99
9) Trichlorofluoromethane	1.748	101	259944	54.396	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	157724	59.398	ug/L	97
12) 1,1-Dichloroethene	2.114	96	150801	55.532	ug/L	95
13) Acetone	2.156	43	183552	148.468	ug/L	100
14) Carbon disulfide	2.288	76	431641	47.760	ug/L	100
15) Methyl Acetate	2.420	43	160981	57.152	ug/L	98
16) Methylene chloride	2.497	84	179828	53.259	ug/L	95
17) trans-1,2-Dichloroethene	2.751	96	161476	51.607	ug/L	96
18) Methyl tert-butyl Ether	2.757	73	498902	52.042	ug/L	98
19) 1,1-Dichloroethane	3.179	63	289815	54.066	ug/L	99
20) cis-1,2-Dichloroethene	3.896	96	179783	52.252	ug/L	95
22) 2-Butanone	3.944	43	237269	120.613	ug/L	100
23) Bromochloromethane	4.233	128	91334	51.552	ug/L	94
25) Chloroform	4.359	83	303486	54.612	ug/L	99

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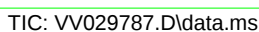
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
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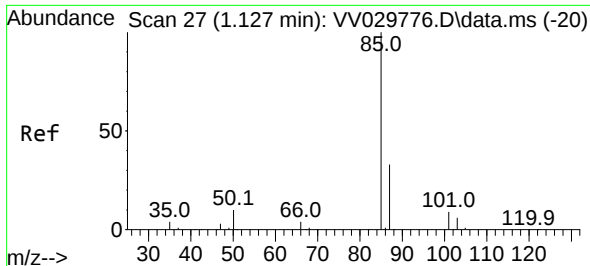
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.114	62	208925	53.221	ug/L	98
29) Cyclohexane	4.664	56	257874	48.614	ug/L	97
30) 1,1,1-Trichloroethane	4.593	97	260000	48.735	ug/L	99
31) Carbon tetrachloride	4.815	117	220949	47.426	ug/L	100
33) Benzene	5.085	78	693533	50.246	ug/L	100
34) Trichloroethene	5.902	95	168363	48.678	ug/L	99
35) Methylcyclohexane	6.117	83	288461	49.105	ug/L	97
37) 1,2-Dichloropropane	6.159	63	173744	52.154	ug/L	99
38) Bromodichloromethane	6.497	83	225600	49.055	ug/L	100
39) cis-1,3-Dichloropropene	7.014	75	248901	45.429	ug/L	98
40) 4-Methyl-2-pentanone	7.217	43	429924	108.238	ug/L	96
42) Toluene	7.375	91	739881	49.803	ug/L	98
44) trans-1,3-Dichloropropene	7.638	75	236308	45.544	ug/L	100
45) 1,1,2-Trichloroethane	7.825	97	173358	50.370	ug/L	98
46) Tetrachloroethene	7.963	164	138662	49.864	ug/L	97
48) 2-Hexanone	8.130	43	332290	109.500	ug/L	97
49) Dibromochloromethane	8.233	129	179929	47.352	ug/L	99
50) 1,2-Dibromoethane	8.339	107	172423	48.628	ug/L	100
51) Chlorobenzene	8.870	112	464527	49.379	ug/L	99
52) Ethylbenzene	8.998	91	778736	49.858	ug/L	99
53) m,p-Xylene	9.127	106	309452	50.058	ug/L	100
54) o-Xylene	9.532	106	297792	48.700	ug/L	100
55) Styrene	9.548	104	550064	51.763	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.226	83	271621	49.337	ug/L	99
59) Bromoform	9.718	173	137222	43.399	ug/L	100
60) Isopropylbenzene	9.918	105	767568	45.675	ug/L	100
61) 1,2,3-Trichloropropane	10.259	75	203687	46.103	ug/L	100
62) 1,3,5-Trimethylbenzene	10.525	105	665847	44.812	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	666805	45.273	ug/L	100
64) 1,3-Dichlorobenzene	11.169	146	379530	46.190	ug/L	99
65) 1,4-Dichlorobenzene	11.259	146	389125	46.598	ug/L	99
67) 1,2-Dichlorobenzene	11.628	146	384660	45.780	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.413	75	57050	41.546	ug/L	99
69) 1,3,5-Trichlorobenzene	12.632	180	294693	45.067	ug/L	100
70) 1,2,4-trichlorobenzene	13.291	180	261868	45.036	ug/L	99
71) Naphthalene	13.580	128	666413	50.527	ug/L	100
72) 1,2,3-Trichlorobenzene	13.882	180	262988	46.176	ug/L	100

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

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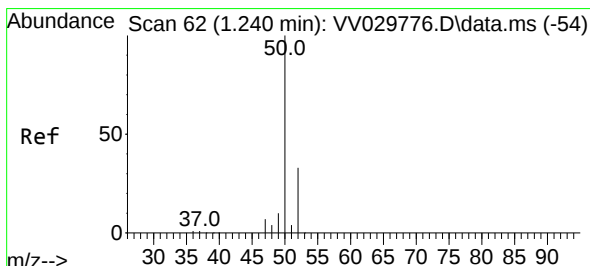
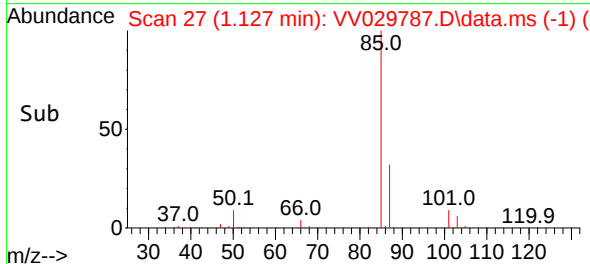
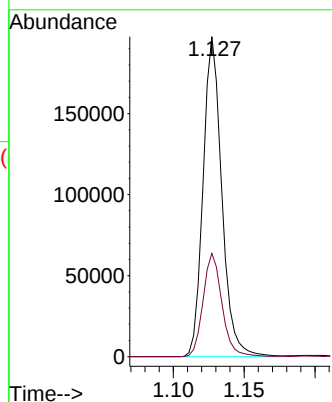
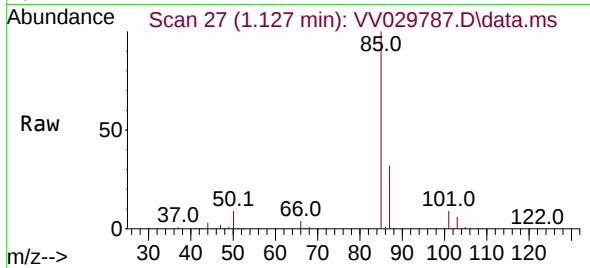




#2
 Dichlorodifluoromethane
 Concen: 45.343 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029787.D
 Acq: 23 Dec 2022 15:24

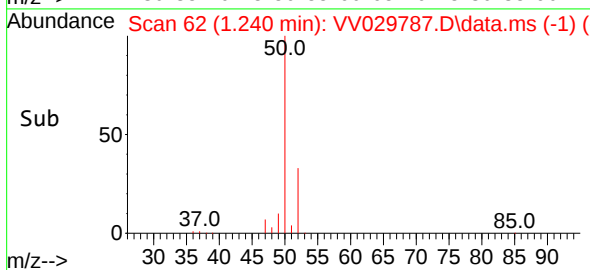
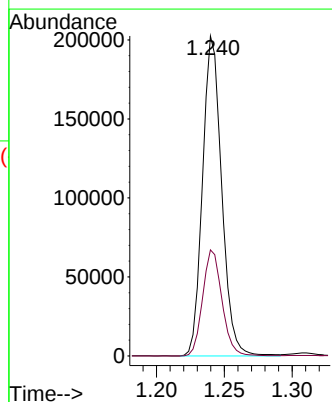
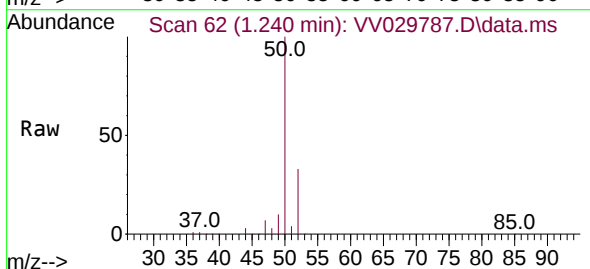
Instrument :
 MSVOA_V
 ClientSampleId :

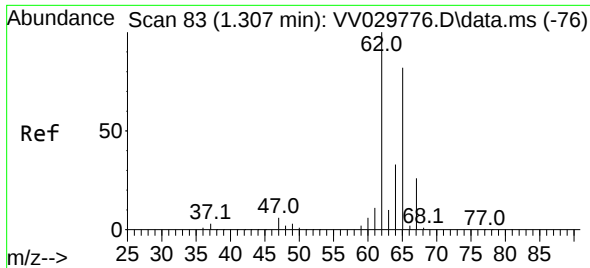
Tgt Ion: 85 Resp: 181448
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.9 38.9



#3
 Chloromethane
 Concen: 43.657 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV029787.D
 Acq: 23 Dec 2022 15:24

Tgt Ion: 50 Resp: 199185
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.3 43.3

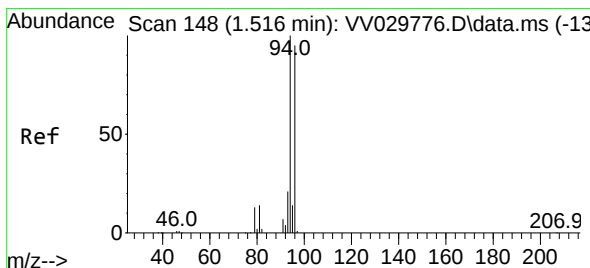
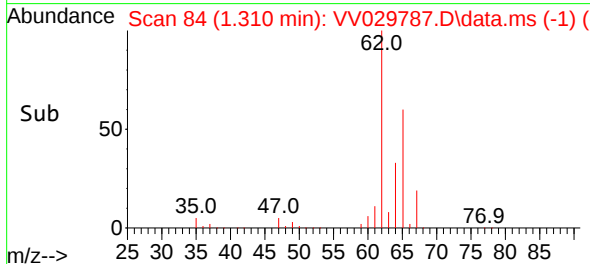
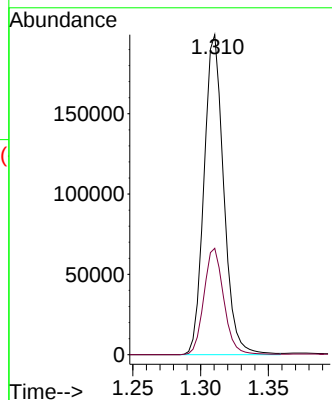
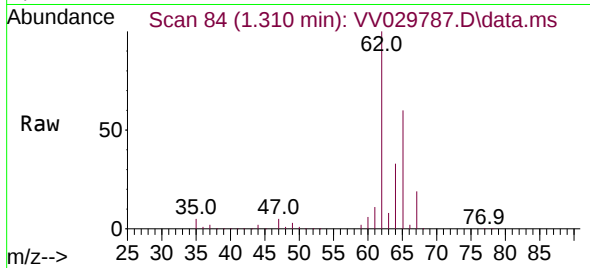




#5
 Vinyl chloride
 Concen: 52.760 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV029787.D
 Acq: 23 Dec 2022 15:24

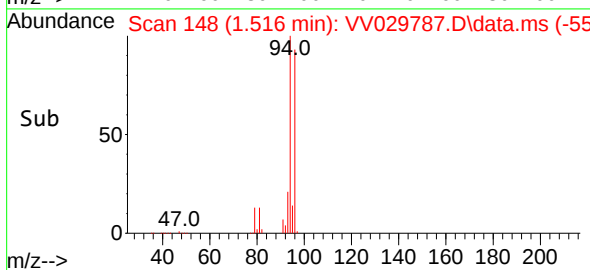
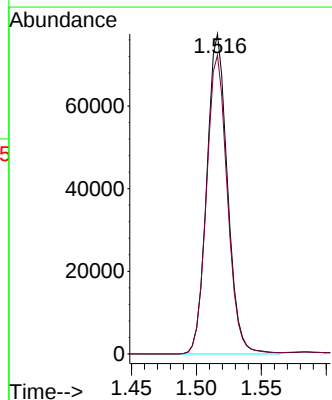
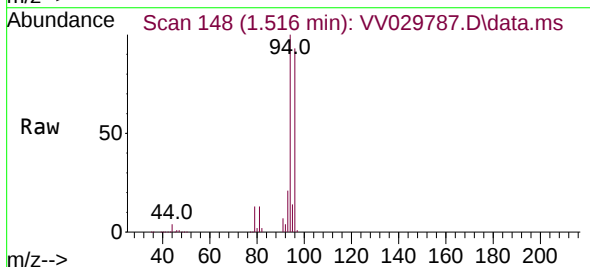
Instrument :
 MSVOA_V
 ClientSampleId :

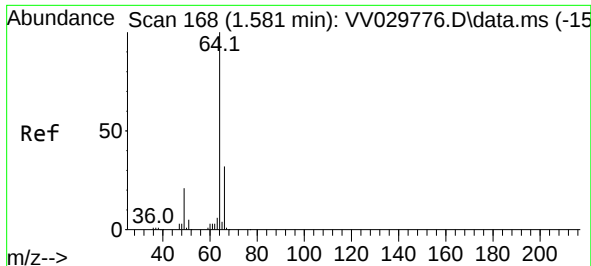
Tgt Ion: 62 Resp: 201402
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.5 41.9



#6
 Bromomethane
 Concen: 55.779 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV029787.D
 Acq: 23 Dec 2022 15:24

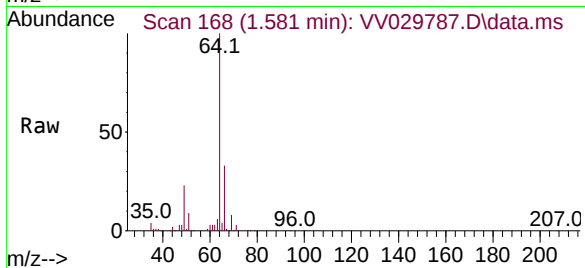
Tgt Ion: 94 Resp: 85676
 Ion Ratio Lower Upper
 94 100
 96 93.4 65.1 120.9



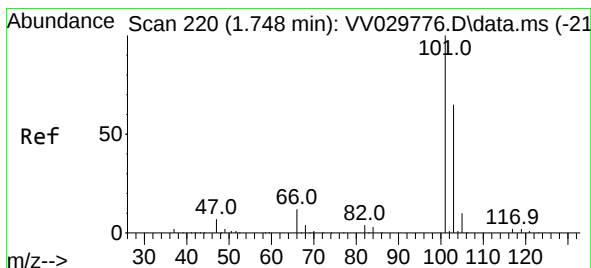
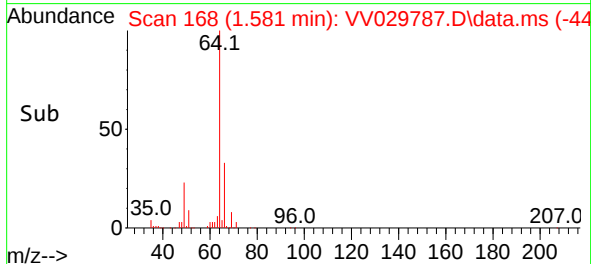
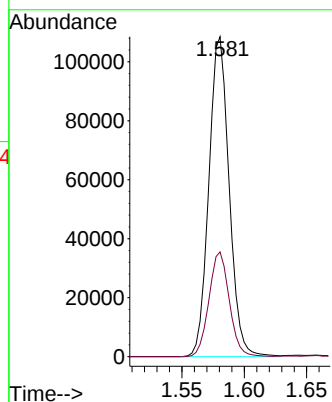


#8
Chloroethane
Concen: 57.918 ug/L
RT: 1.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV029787.D
Acq: 23 Dec 2022 15:24

Instrument :
MSVOA_V
ClientSampleId :

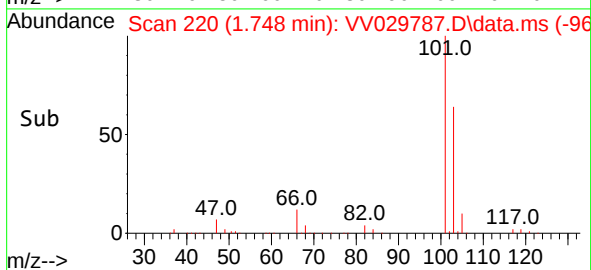
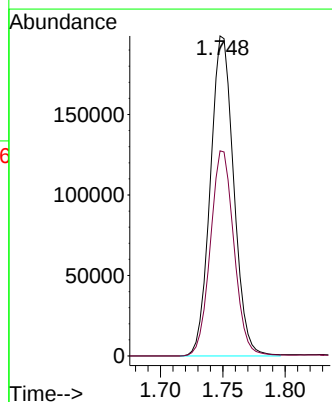
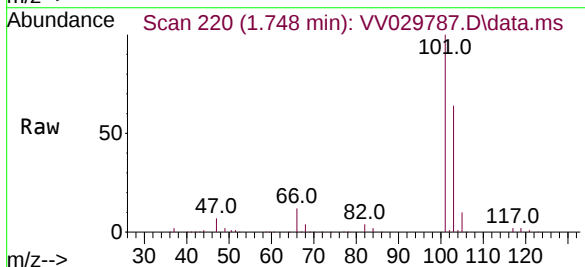


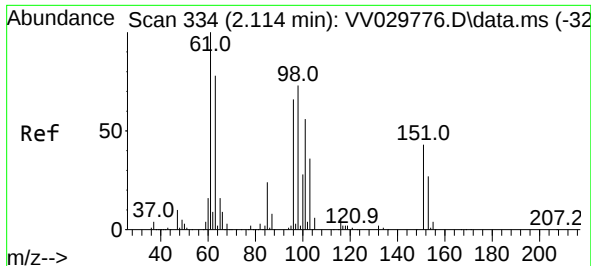
Tgt Ion: 64 Resp: 123110
Ion Ratio Lower Upper
64 100
66 32.7 22.5 41.9



#9
Trichlorofluoromethane
Concen: 54.396 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV029787.D
Acq: 23 Dec 2022 15:24

Tgt Ion:101 Resp: 259944
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 59.398 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV029787.D

Acq: 23 Dec 2022 15:24

Instrument :

MSVOA_V

ClientSampleId :

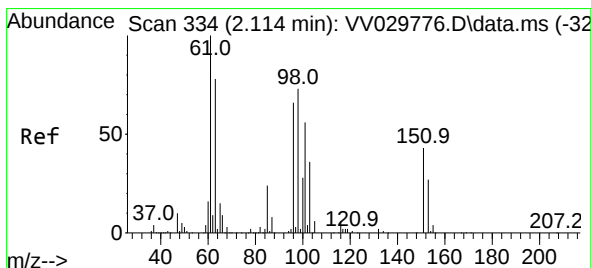
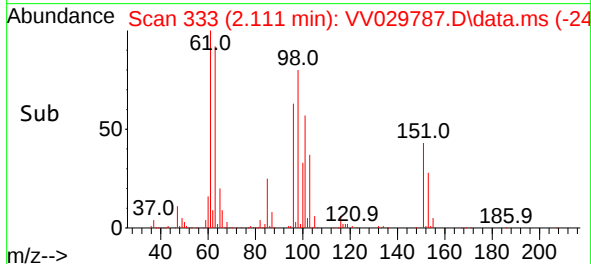
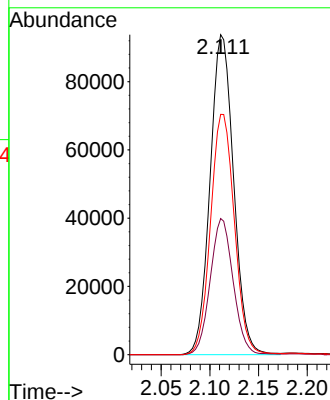
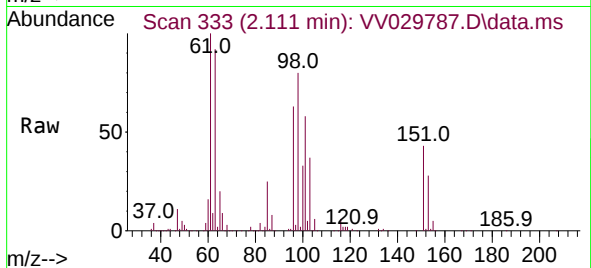
Tgt Ion:101 Resp: 157724

Ion Ratio Lower Upper

101 100

85 41.4 33.6 50.4

151 76.0 63.5 95.3



#12

1,1-Dichloroethene

Concen: 55.532 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV029787.D

Acq: 23 Dec 2022 15:24

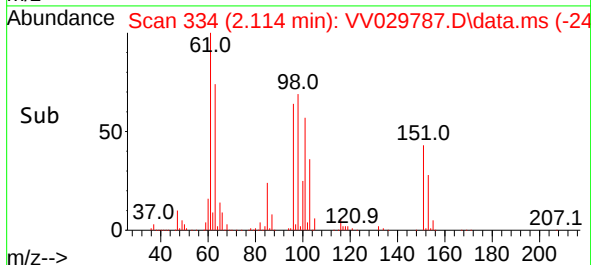
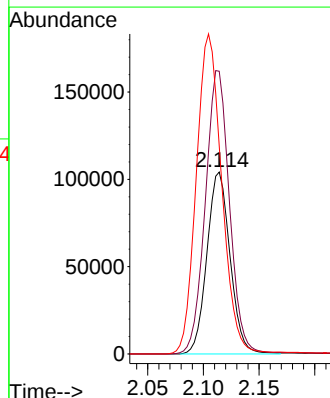
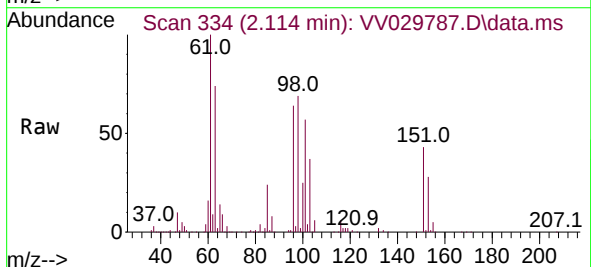
Tgt Ion: 96 Resp: 150801

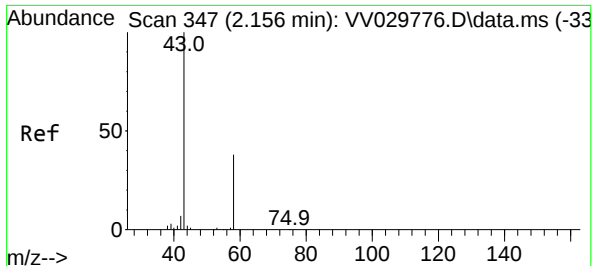
Ion Ratio Lower Upper

96 100

61 155.4 103.3 191.9

63 114.2 77.3 143.7





#13

Acetone

Concen: 148.468 ug/L

RT: 2.156 min Scan# 347

Delta R.T. -0.000 min

Lab File: VV029787.D

Acq: 23 Dec 2022 15:24

Instrument :

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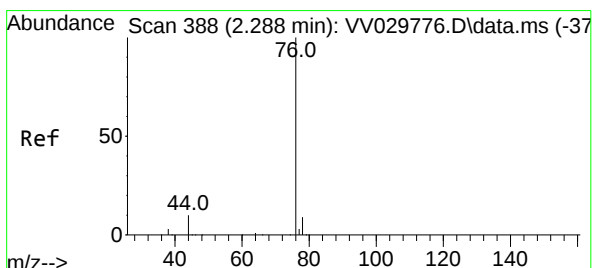
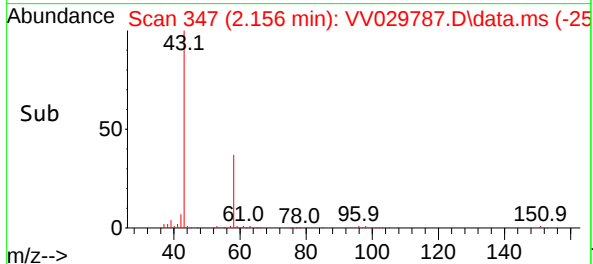
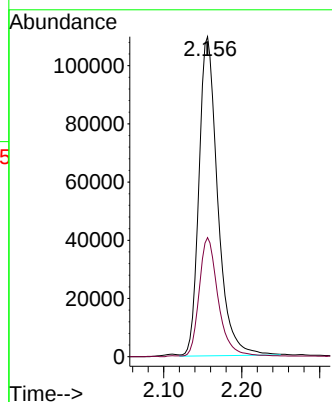
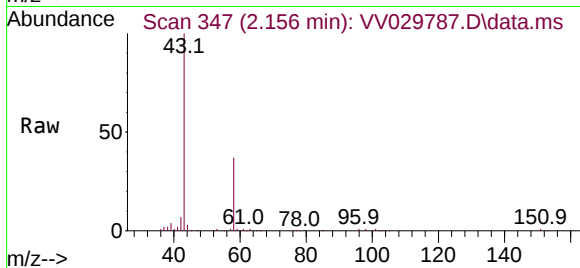
ClientSampleId :

Tgt Ion: 43 Resp: 183552

Ion Ratio Lower Upper

43 100

58 37.2 0.0 74.8



#14

Carbon disulfide

Concen: 47.760 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.000 min

Lab File: VV029787.D

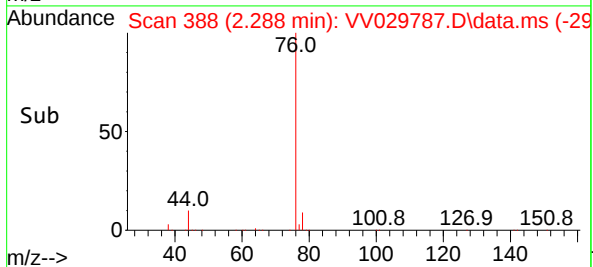
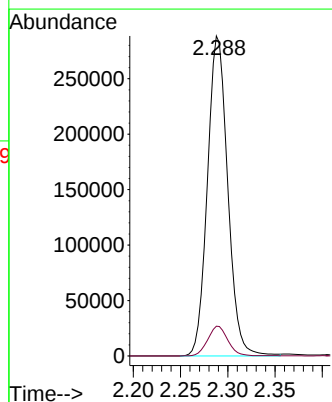
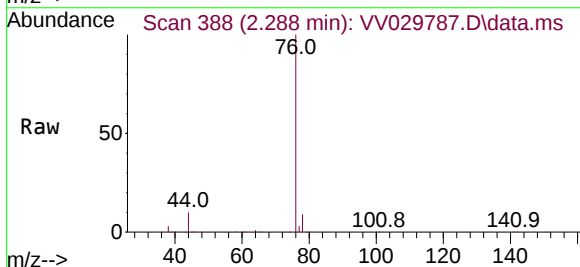
Acq: 23 Dec 2022 15:24

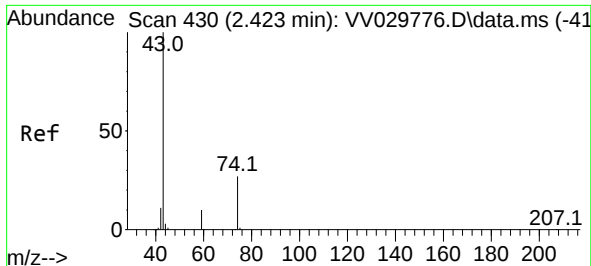
Tgt Ion: 76 Resp: 431641

Ion Ratio Lower Upper

76 100

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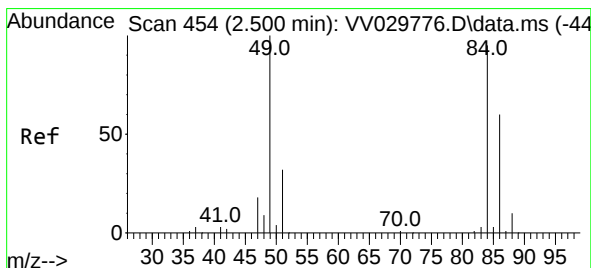
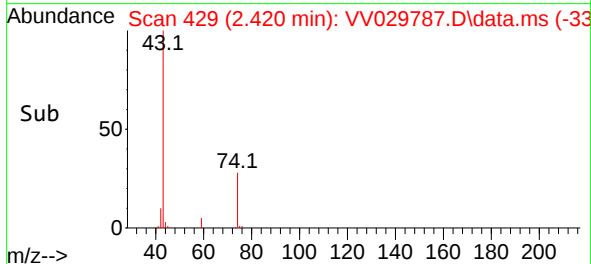
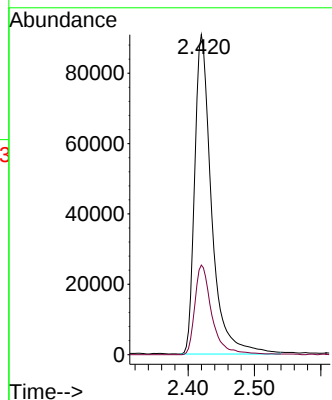
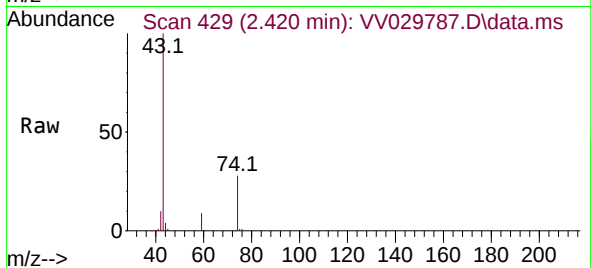




#15
Methyl Acetate
Concen: 57.152 ug/L
RT: 2.420 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV029787.D
Acq: 23 Dec 2022 15:24

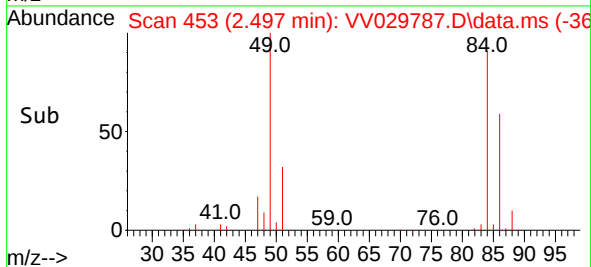
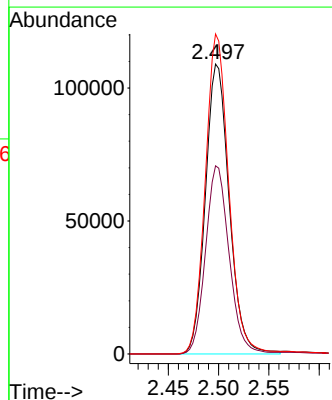
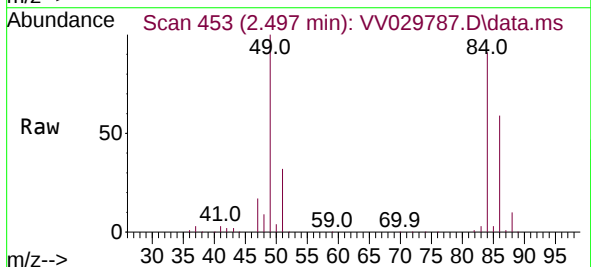
Instrument :
MSVOA_V
ClientSampleId :

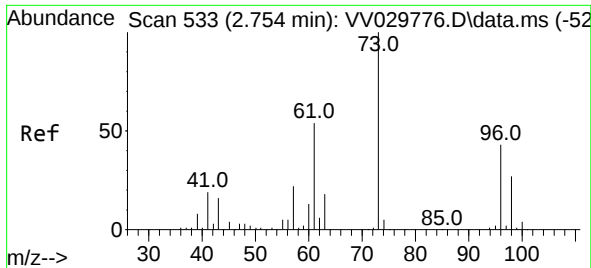
Tgt Ion: 43 Resp: 160981
Ion Ratio Lower Upper
43 100
74 28.3 23.5 35.3



#16
Methylene chloride
Concen: 53.259 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.003 min
Lab File: VV029787.D
Acq: 23 Dec 2022 15:24

Tgt Ion: 84 Resp: 179828
Ion Ratio Lower Upper
84 100
86 64.9 46.0 85.4
49 110.4 72.2 134.0

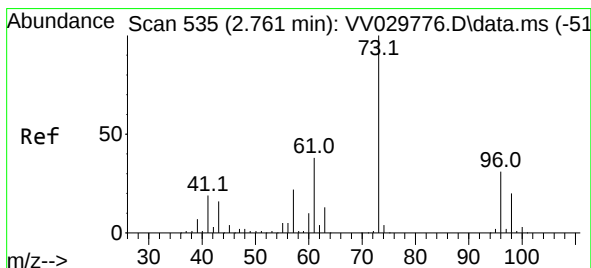
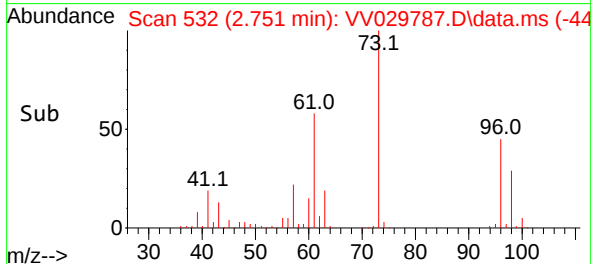
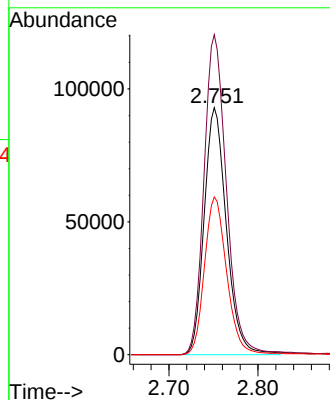
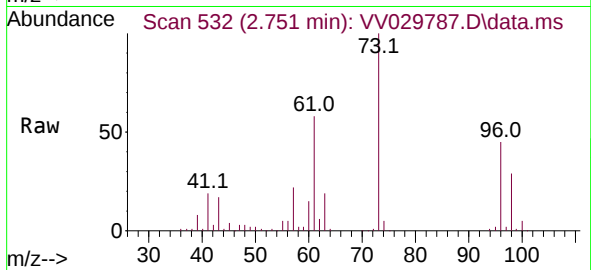




#17
trans-1,2-Dichloroethene
Concen: 51.607 ug/L
RT: 2.751 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV029787.D
Acq: 23 Dec 2022 15:24

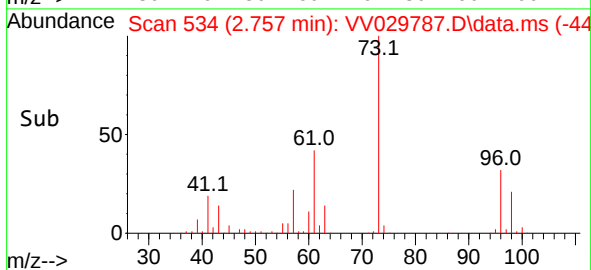
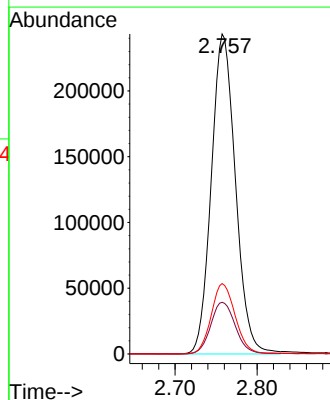
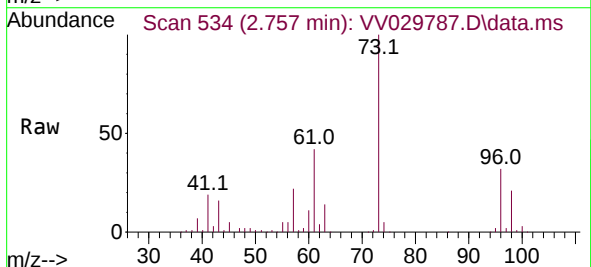
Instrument :
MSVOA_V
ClientSampleId :

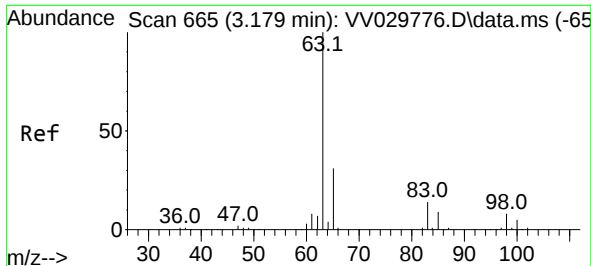
Tgt Ion: 96 Resp: 161476
Ion Ratio Lower Upper
96 100
61 129.6 86.4 160.4
98 63.9 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 52.042 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV029787.D
Acq: 23 Dec 2022 15:24

Tgt Ion: 73 Resp: 498902
Ion Ratio Lower Upper
73 100
43 16.3 12.7 19.1
57 21.9 16.7 25.1





#19

1,1-Dichloroethane

Concen: 54.066 ug/L

RT: 3.179 min Scan# 665

Delta R.T. -0.000 min

Lab File: VV029787.D

Acq: 23 Dec 2022 15:24

Instrument :

MSVOA_V

ClientSampleId :

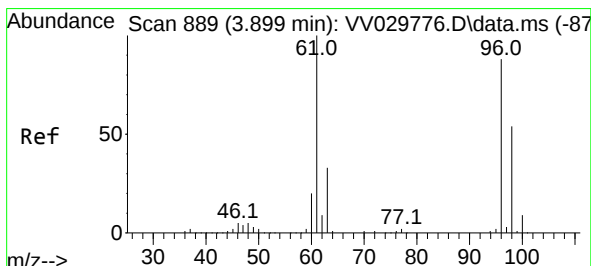
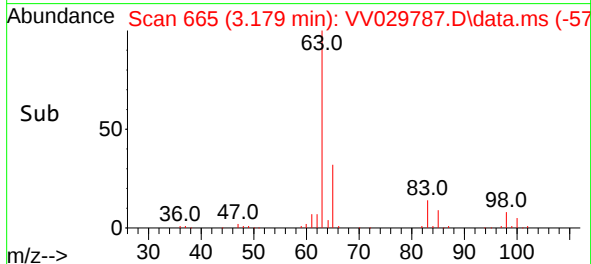
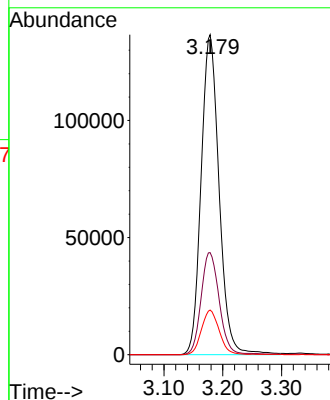
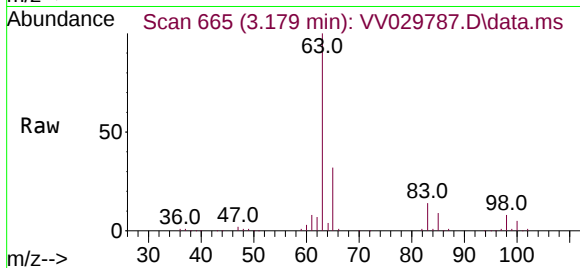
Tgt Ion: 63 Resp: 289815

Ion Ratio Lower Upper

63 100

65 31.9 22.5 41.7

83 14.0 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 52.252 ug/L

RT: 3.896 min Scan# 888

Delta R.T. -0.003 min

Lab File: VV029787.D

Acq: 23 Dec 2022 15:24

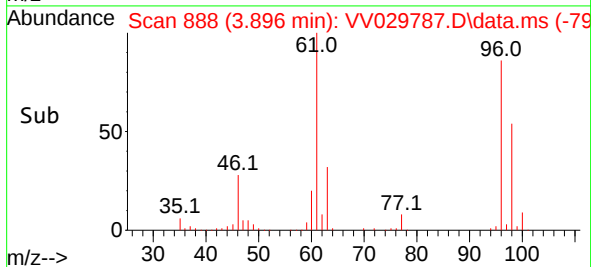
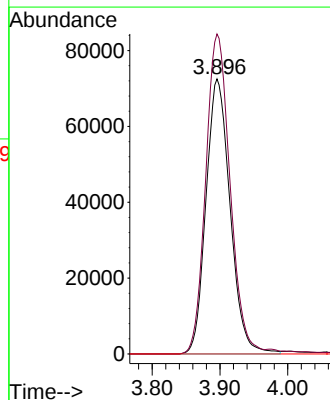
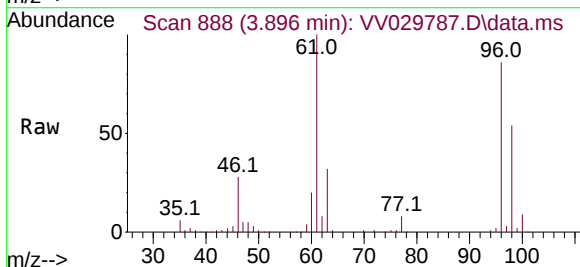
Tgt Ion: 96 Resp: 179783

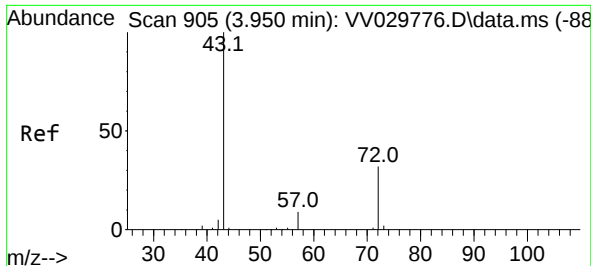
Ion Ratio Lower Upper

96 100

61 116.4 78.0 144.9

68 0.0 0.0 0.0

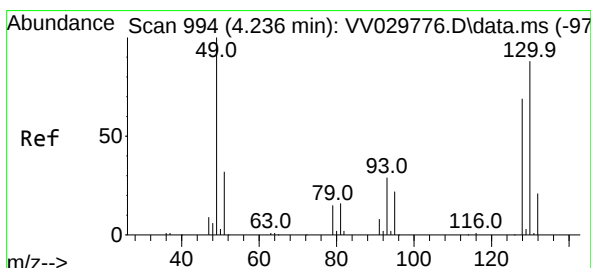
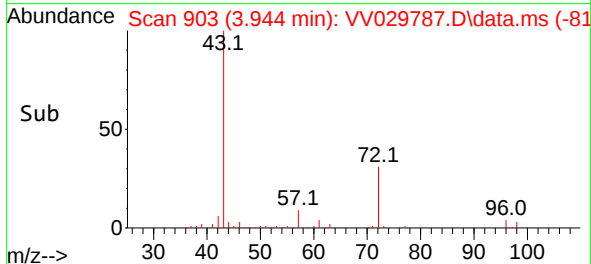
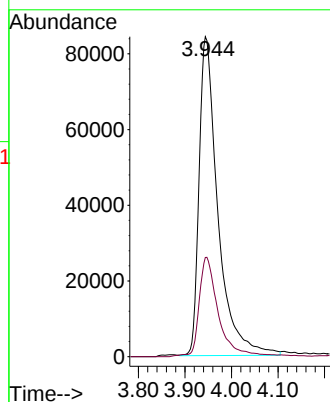
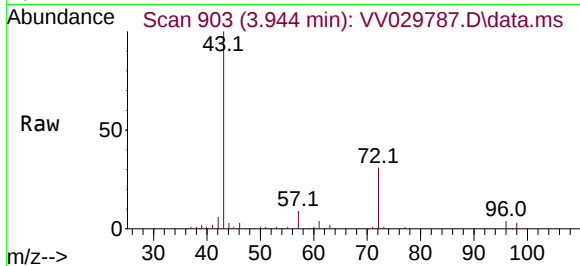




#22
2-Butanone
Concen: 120.613 ug/L
RT: 3.944 min Scan# 905
Delta R.T. -0.006 min
Lab File: VV029787.D
Acq: 23 Dec 2022 15:24

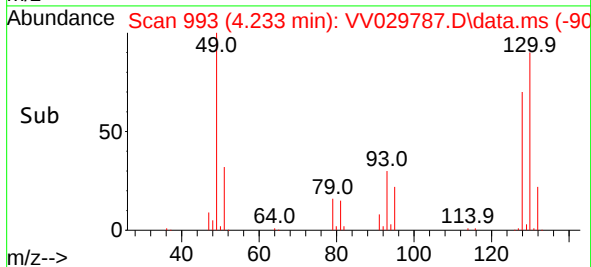
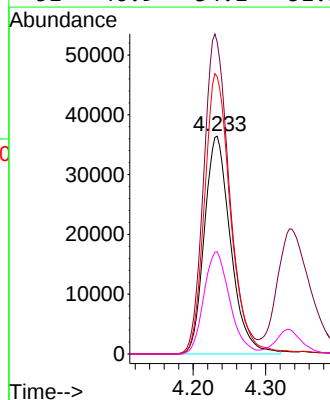
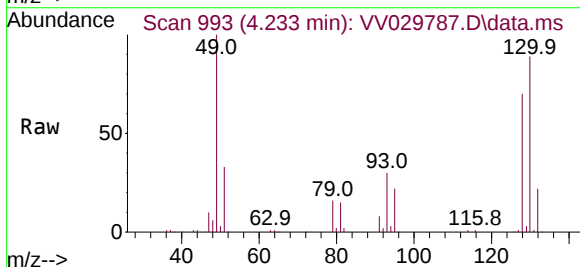
Instrument :
MSVOA_V
ClientSampleId :

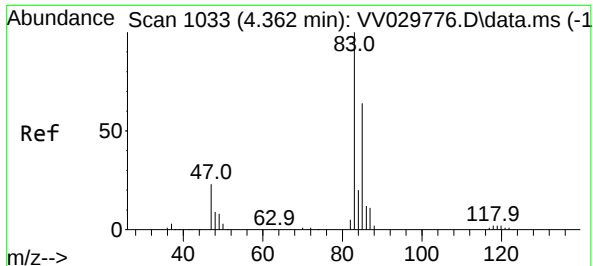
Tgt Ion: 43 Resp: 237269
Ion Ratio Lower Upper
43 100
72 31.8 15.9 47.6



#23
Bromochloromethane
Concen: 51.552 ug/L
RT: 4.233 min Scan# 993
Delta R.T. -0.003 min
Lab File: VV029787.D
Acq: 23 Dec 2022 15:24

Tgt Ion:128 Resp: 91334
Ion Ratio Lower Upper
128 100
49 143.3 92.2 171.2
130 127.4 88.3 164.1
51 46.9 34.1 51.1





#25

Chloroform

Concen: 54.612 ug/L

RT: 4.359 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VV029787.D

Acq: 23 Dec 2022 15:24

Instrument :

MSVOA_V

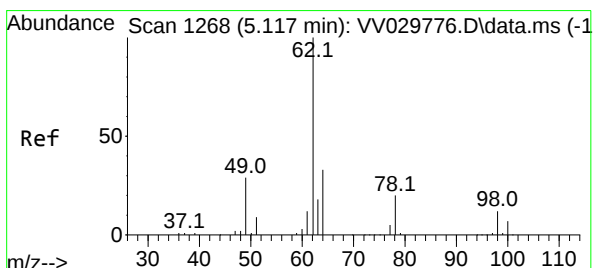
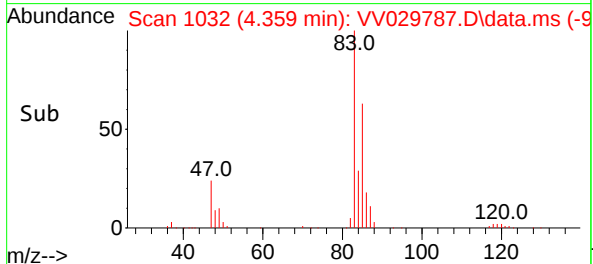
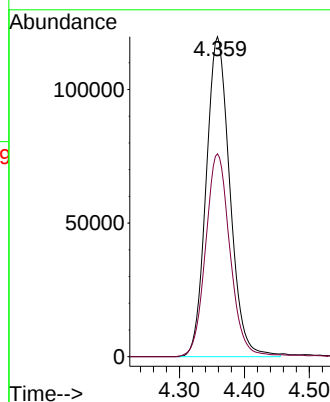
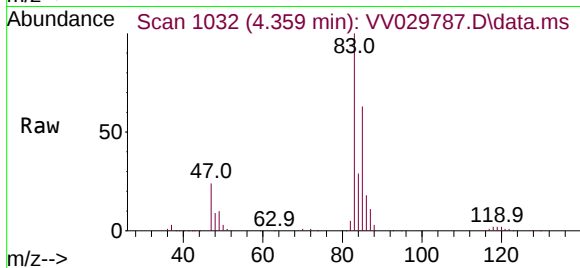
ClientSampleId :

Tgt Ion: 83 Resp: 303486

Ion Ratio Lower Upper

83 100

85 63.4 45.1 83.9



#27

1,2-Dichloroethane

Concen: 53.221 ug/L

RT: 5.114 min Scan# 1267

Delta R.T. -0.003 min

Lab File: VV029787.D

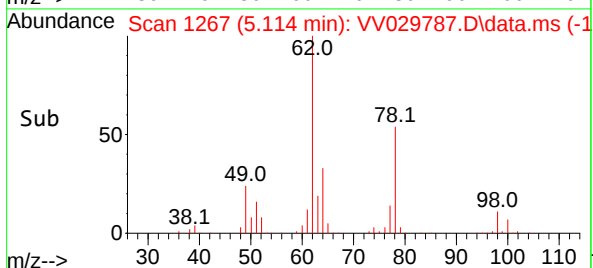
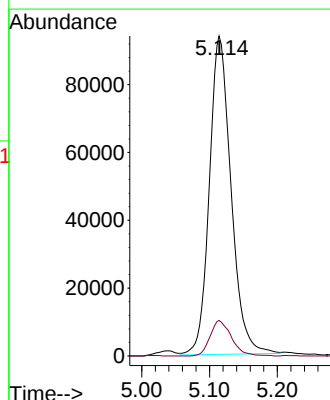
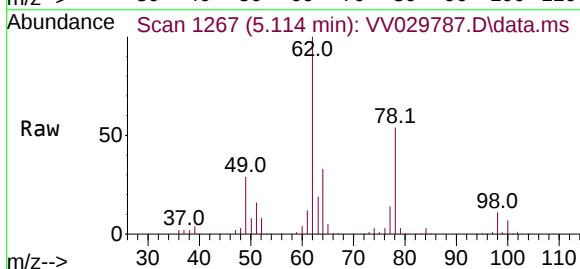
Acq: 23 Dec 2022 15:24

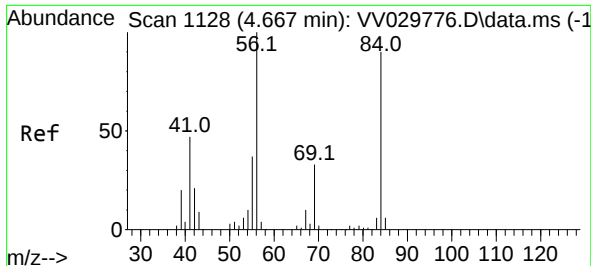
Tgt Ion: 62 Resp: 208925

Ion Ratio Lower Upper

62 100

98 11.1 9.4 14.0

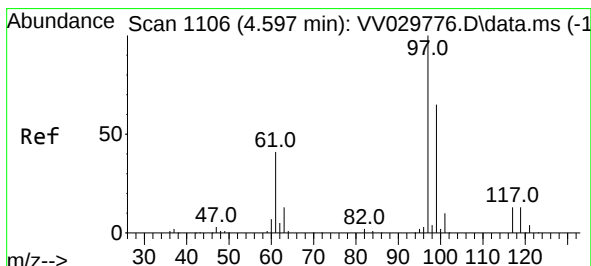
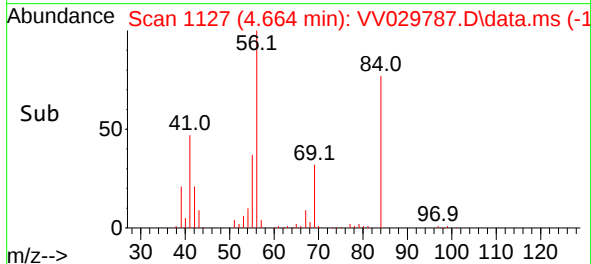
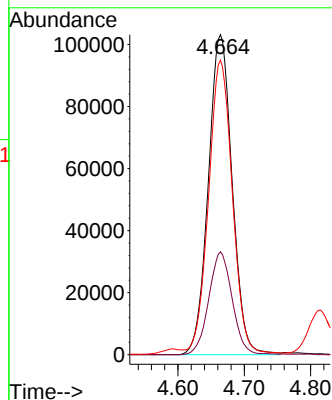
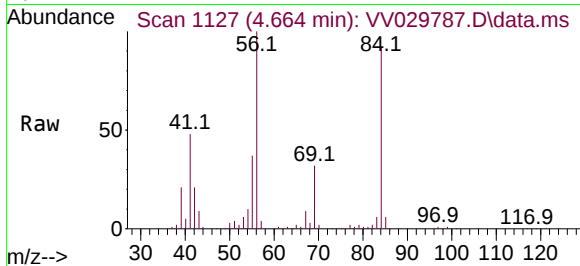




#29
Cyclohexane
Concen: 48.614 ug/L
RT: 4.664 min Scan# 1127
Delta R.T. -0.003 min
Lab File: VV029787.D
Acq: 23 Dec 2022 15:24

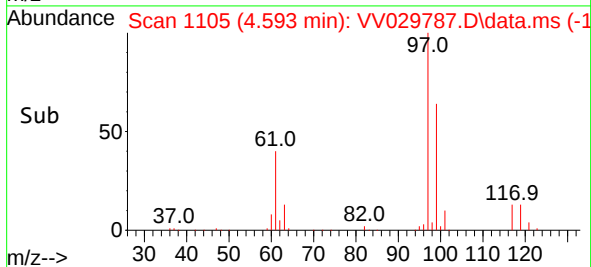
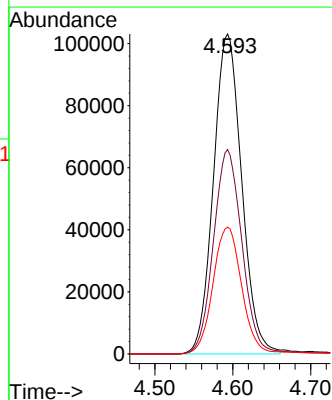
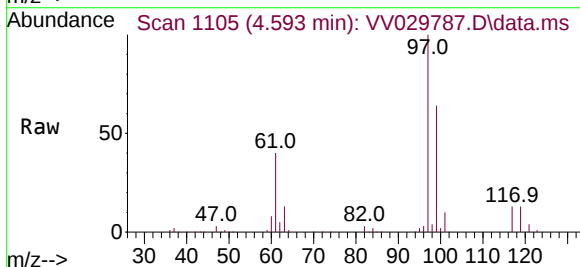
Instrument :
MSVOA_V
ClientSampleId :

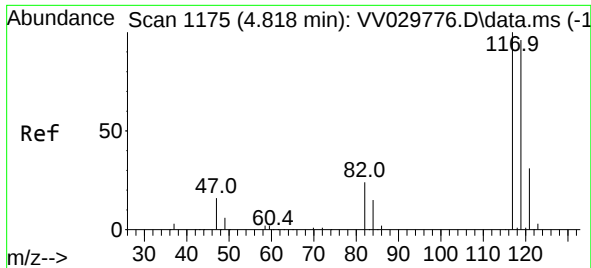
Tgt Ion: 56 Resp: 257874
Ion Ratio Lower Upper
56 100
69 31.4 25.8 38.8
84 92.0 76.6 114.8



#30
1,1,1-Trichloroethane
Concen: 48.735 ug/L
RT: 4.593 min Scan# 1105
Delta R.T. -0.003 min
Lab File: VV029787.D
Acq: 23 Dec 2022 15:24

Tgt Ion: 97 Resp: 260000
Ion Ratio Lower Upper
97 100
99 64.4 52.1 78.1
61 40.1 31.8 47.8

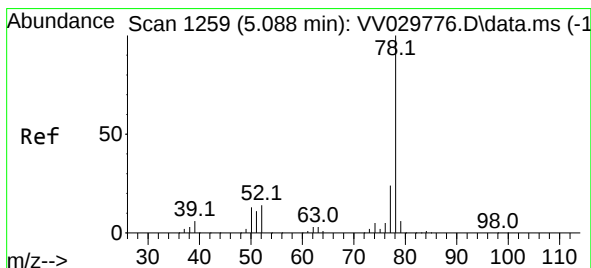
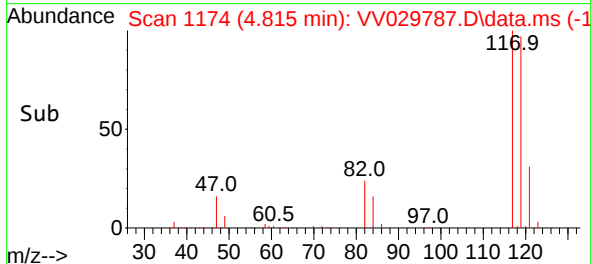
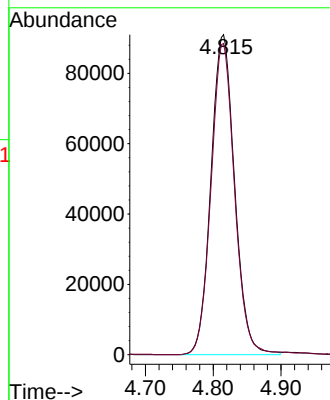
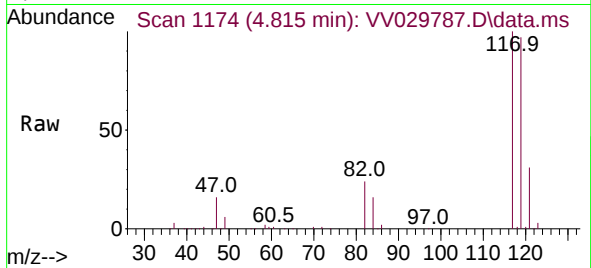




#31
Carbon tetrachloride
Concen: 47.426 ug/L
RT: 4.815 min Scan# 1175
Delta R.T. -0.003 min
Lab File: VV029787.D
Acq: 23 Dec 2022 15:24

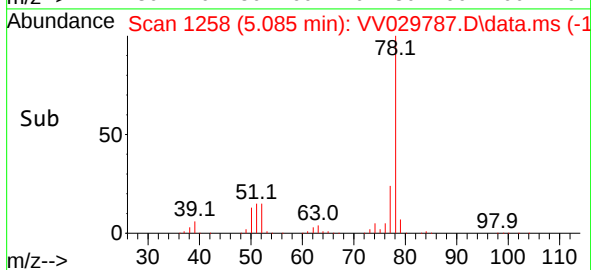
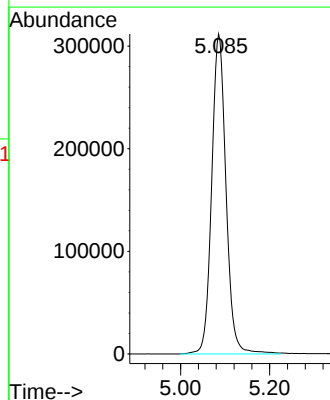
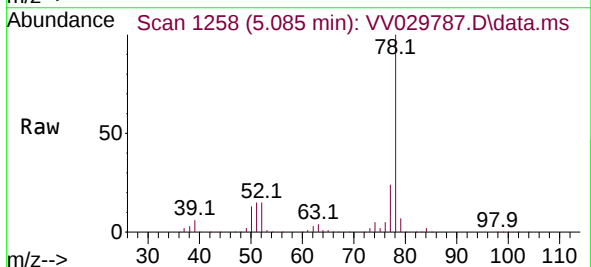
Instrument :
MSVOA_V
ClientSampleId :

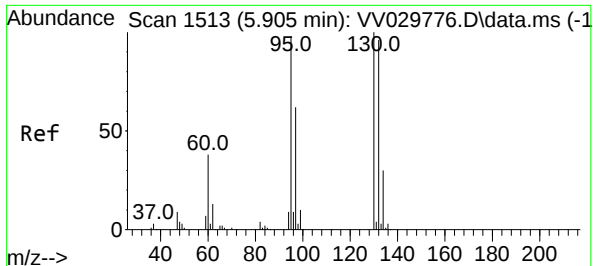
Tgt Ion:117 Resp: 220949
Ion Ratio Lower Upper
117 100
119 96.1 76.7 115.1



#33
Benzene
Concen: 50.246 ug/L
RT: 5.085 min Scan# 1258
Delta R.T. -0.003 min
Lab File: VV029787.D
Acq: 23 Dec 2022 15:24

Tgt Ion: 78 Resp: 693533





#34

Trichloroethene

Concen: 48.678 ug/L

RT: 5.902 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV029787.D

Acq: 23 Dec 2022 15:24

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 168363

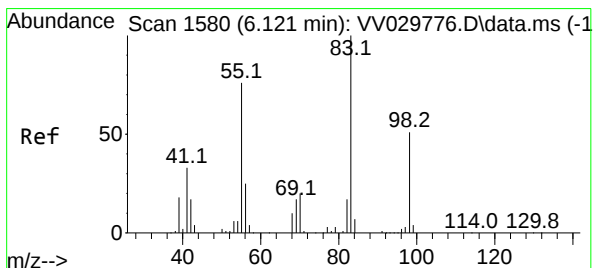
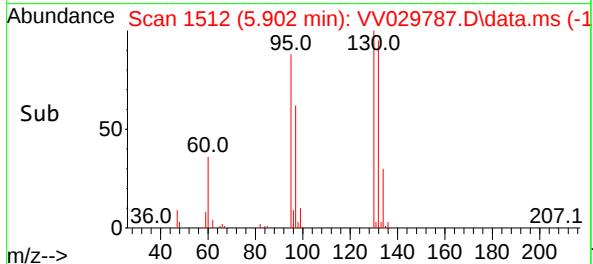
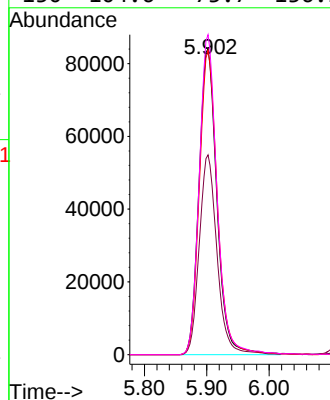
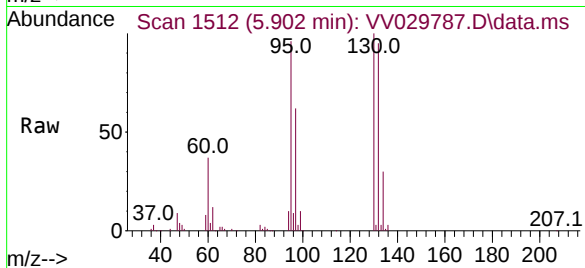
Ion Ratio Lower Upper

95 100

97 65.4 44.0 81.8

132 99.5 69.9 129.9

130 104.6 73.7 136.9



#35

Methylcyclohexane

Concen: 49.105 ug/L

RT: 6.117 min Scan# 1579

Delta R.T. -0.003 min

Lab File: VV029787.D

Acq: 23 Dec 2022 15:24

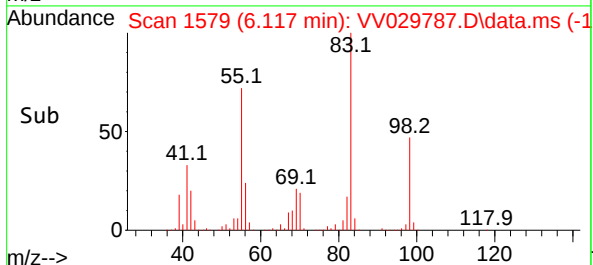
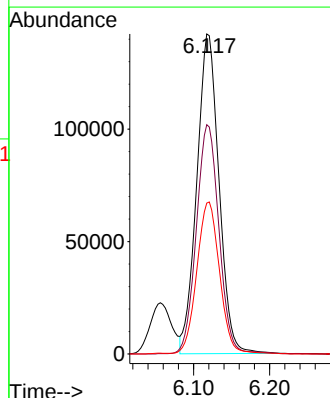
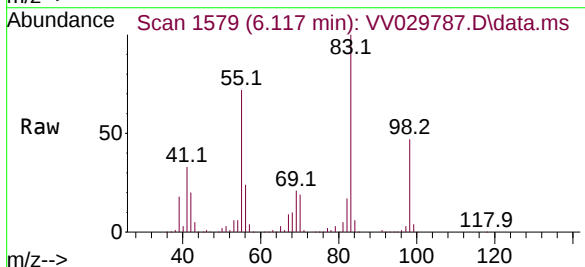
Tgt Ion: 83 Resp: 288461

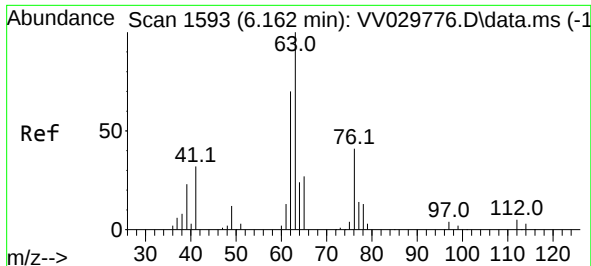
Ion Ratio Lower Upper

83 100

55 73.0 55.5 83.3

98 48.4 39.8 59.8





#37

1,2-Dichloropropane

Concen: 52.154 ug/L

RT: 6.159 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV029787.D

Acq: 23 Dec 2022 15:24

Instrument :

MSVOA_V

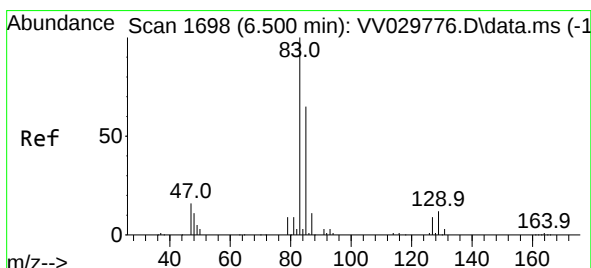
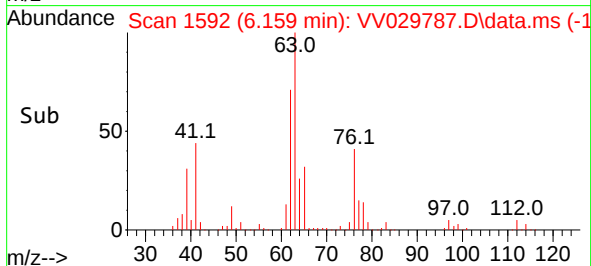
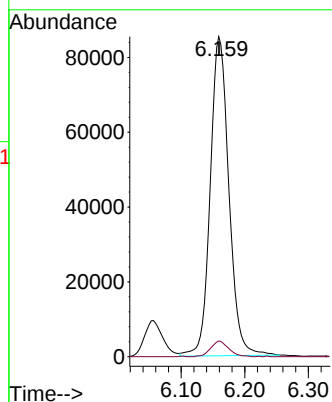
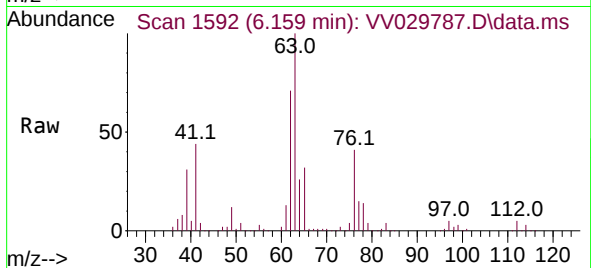
ClientSampleId :

Tgt Ion: 63 Resp: 173744

Ion Ratio Lower Upper

63 100

112 4.7 3.9 5.9



#38

Bromodichloromethane

Concen: 49.055 ug/L

RT: 6.497 min Scan# 1697

Delta R.T. -0.003 min

Lab File: VV029787.D

Acq: 23 Dec 2022 15:24

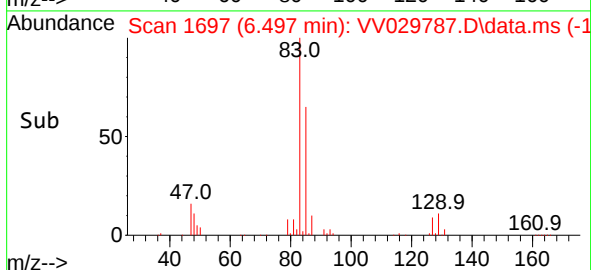
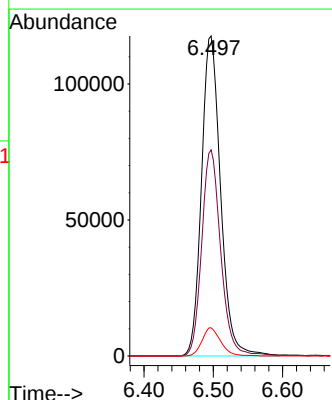
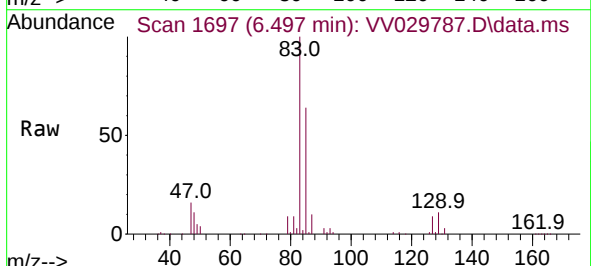
Tgt Ion: 83 Resp: 225600

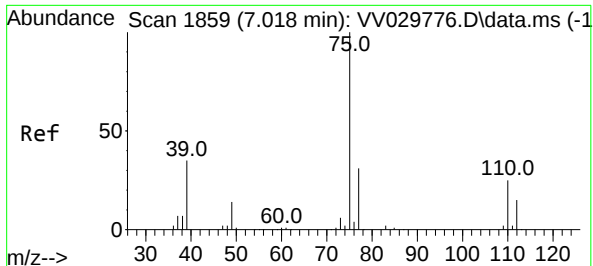
Ion Ratio Lower Upper

83 100

85 64.4 45.3 84.1

127 8.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 45.429 ug/L

RT: 7.014 min Scan# 1858

Delta R.T. -0.003 min

Lab File: VV029787.D

Acq: 23 Dec 2022 15:24

Instrument :

MSVOA_V

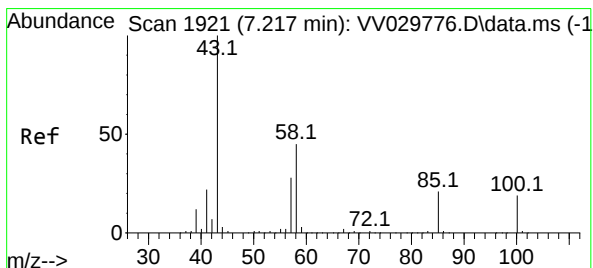
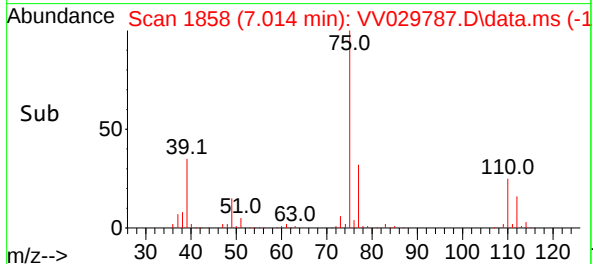
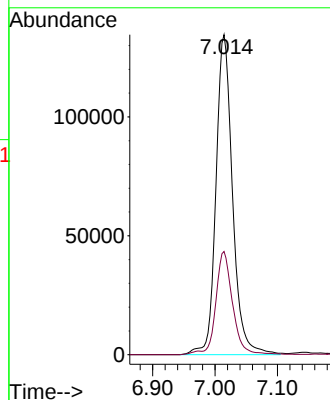
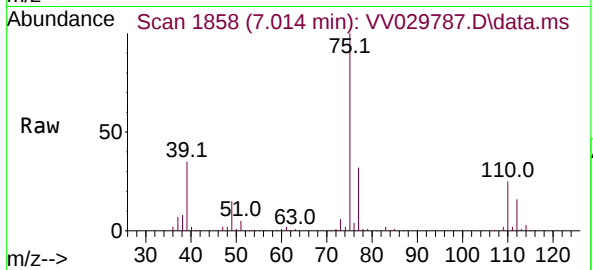
ClientSampleId :

Tgt Ion: 75 Resp: 248901

Ion Ratio Lower Upper

75 100

77 32.3 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 108.238 ug/L

RT: 7.217 min Scan# 1921

Delta R.T. -0.000 min

Lab File: VV029787.D

Acq: 23 Dec 2022 15:24

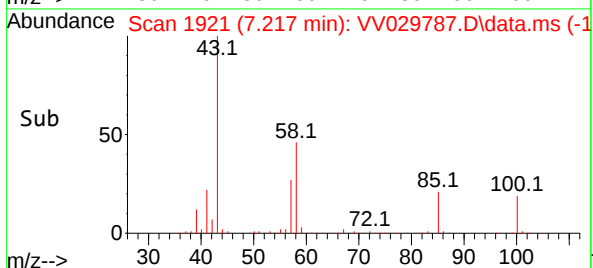
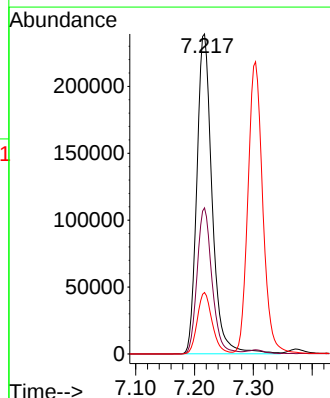
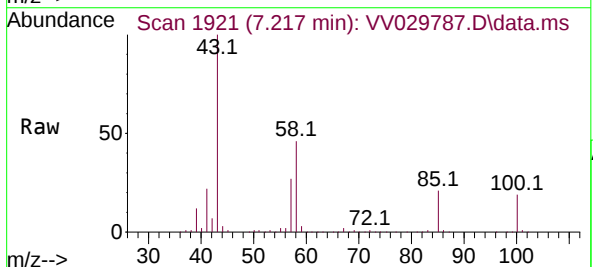
Tgt Ion: 43 Resp: 429924

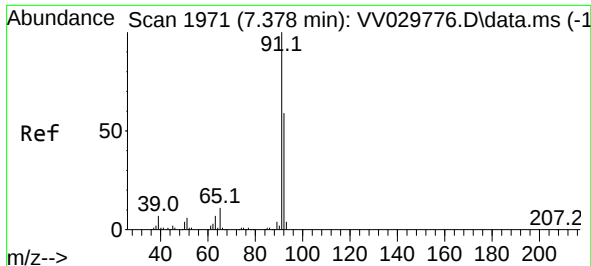
Ion Ratio Lower Upper

43 100

58 44.8 37.5 56.3

100 18.8 16.7 25.1





#42

Toluene

Concen: 49.803 ug/L

RT: 7.375 min Scan# 1971

Delta R.T. -0.003 min

Lab File: VV029787.D

Acq: 23 Dec 2022 15:24

Instrument :

MSVOA_V

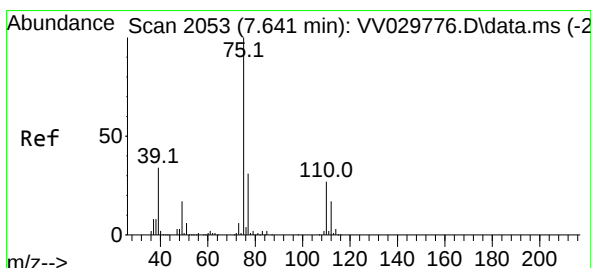
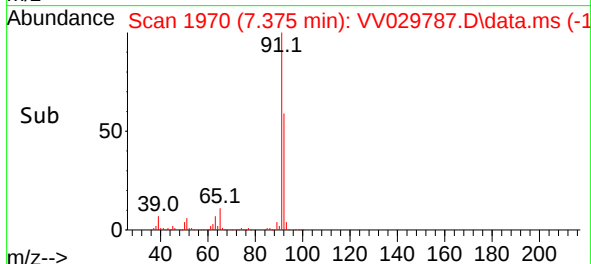
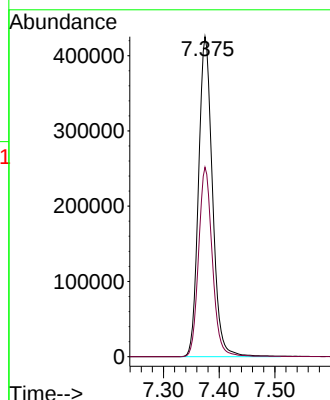
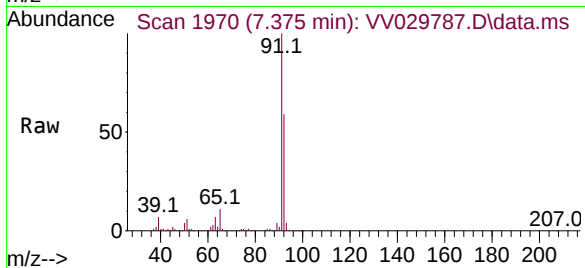
ClientSampleId :

Tgt Ion: 91 Resp: 739881

Ion Ratio Lower Upper

91 100

92 59.2 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 45.544 ug/L

RT: 7.638 min Scan# 2052

Delta R.T. -0.003 min

Lab File: VV029787.D

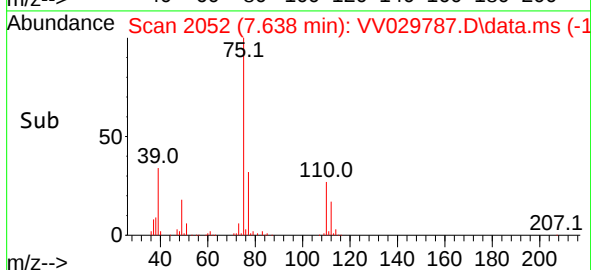
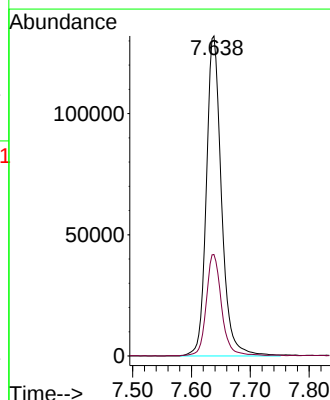
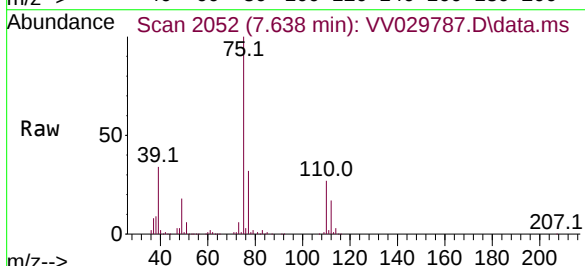
Acq: 23 Dec 2022 15:24

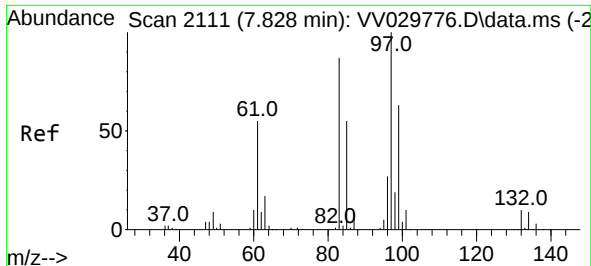
Tgt Ion: 75 Resp: 236308

Ion Ratio Lower Upper

75 100

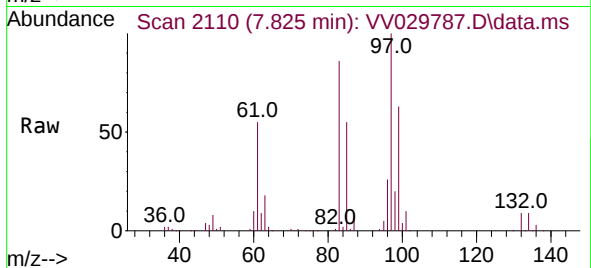
77 31.7 22.3 41.5



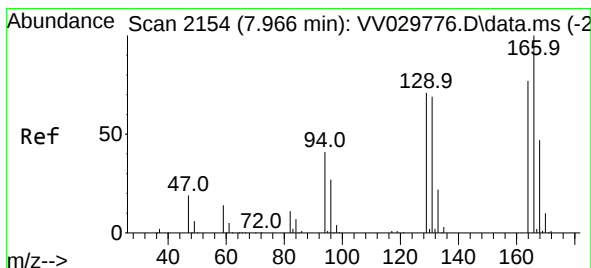
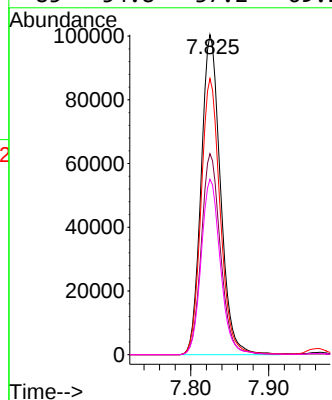
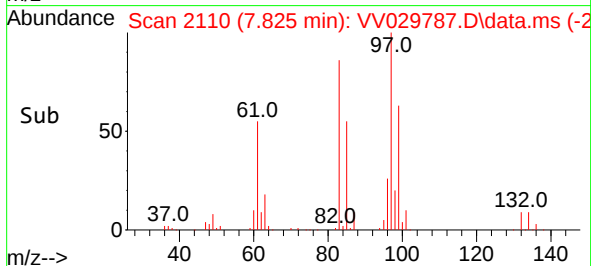


#45
1,1,2-Trichloroethane
Concen: 50.370 ug/L
RT: 7.825 min Scan# 2111
Delta R.T. -0.003 min
Lab File: VV029787.D
Acq: 23 Dec 2022 15:24

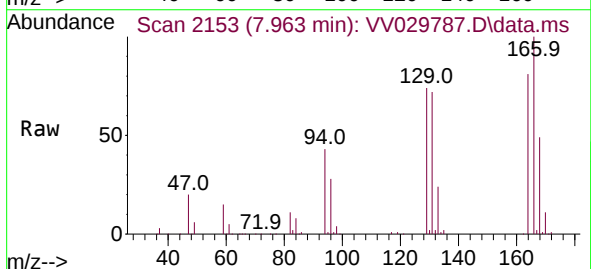
Instrument :
MSVOA_V
ClientSampleId :



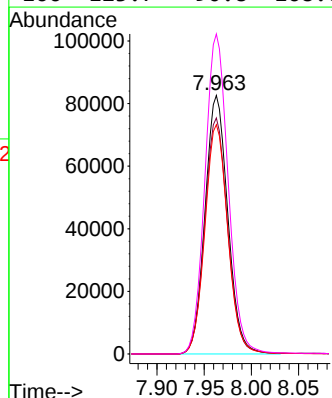
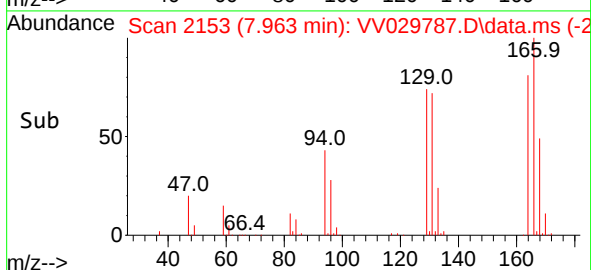
Tgt Ion:	97	Resp:	173358
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.8	81.3
83	86.3	58.6	108.8
85	54.8	37.2	69.2

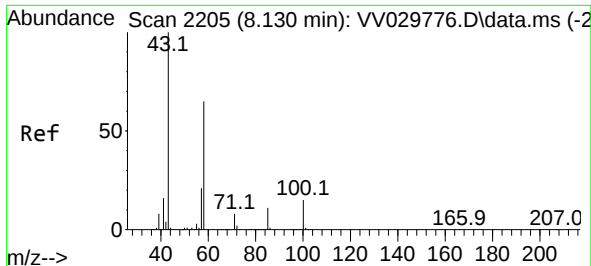


#46
Tetrachloroethene
Concen: 49.864 ug/L
RT: 7.963 min Scan# 2153
Delta R.T. -0.003 min
Lab File: VV029787.D
Acq: 23 Dec 2022 15:24



Tgt Ion:	164	Resp:	138662
Ion	Ratio	Lower	Upper
164	100		
129	91.3	65.3	121.3
131	88.7	63.1	117.1
166	123.7	90.8	168.6

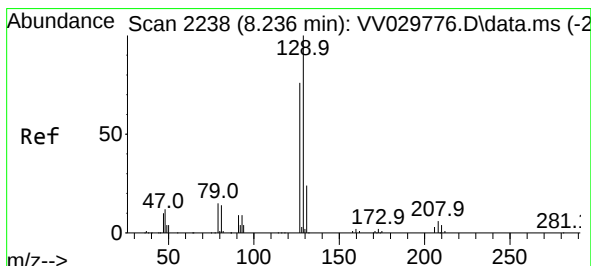
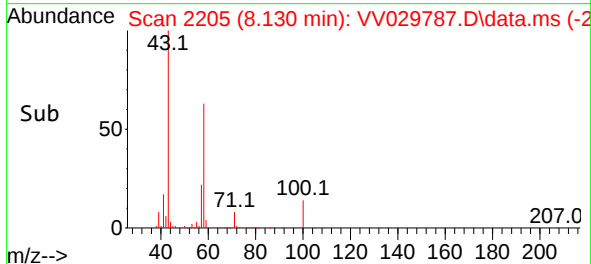
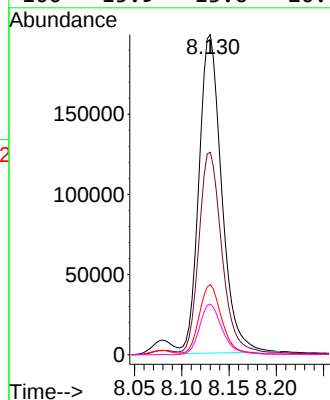
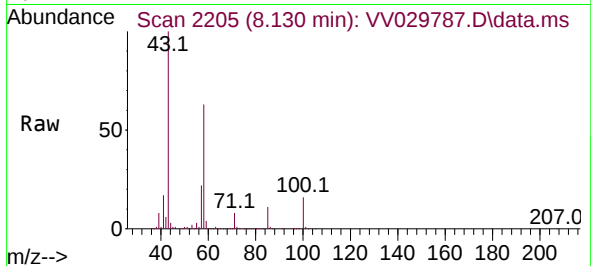




#48
2-Hexanone
Concen: 109.500 ug/L
RT: 8.130 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029787.D
Acq: 23 Dec 2022 15:24

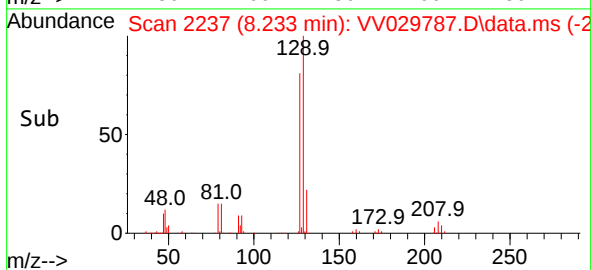
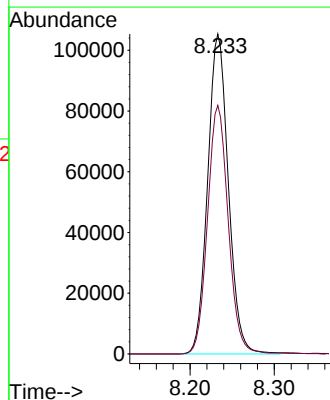
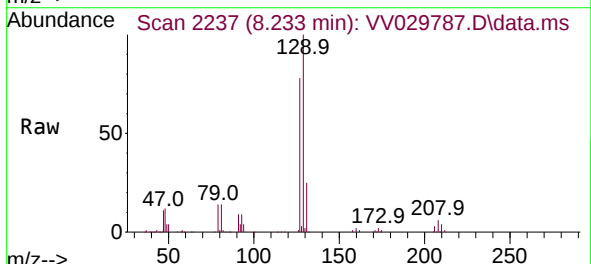
Instrument :
MSVOA_V
ClientSampleId :

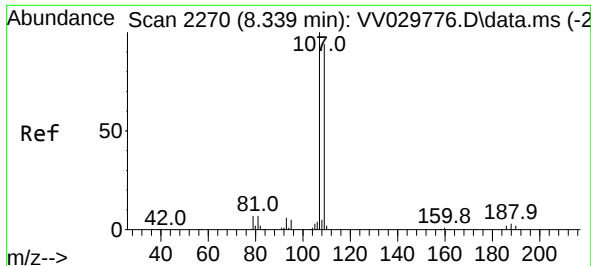
Tgt Ion: 43 Resp: 332290
Ion Ratio Lower Upper
43 100
58 64.8 54.1 81.1
57 21.8 17.4 26.0
100 15.9 13.6 20.4



#49
Dibromochloromethane
Concen: 47.352 ug/L
RT: 8.233 min Scan# 2237
Delta R.T. -0.003 min
Lab File: VV029787.D
Acq: 23 Dec 2022 15:24

Tgt Ion: 129 Resp: 179929
Ion Ratio Lower Upper
129 100
127 77.7 55.2 102.4





#50

1,2-Dibromoethane

Concen: 48.628 ug/L

RT: 8.339 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV029787.D

Acq: 23 Dec 2022 15:24

Instrument :

MSVOA_V

ClientSampleId :

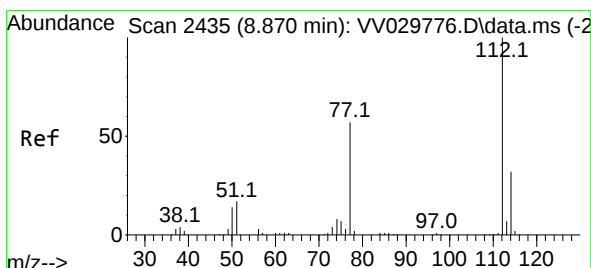
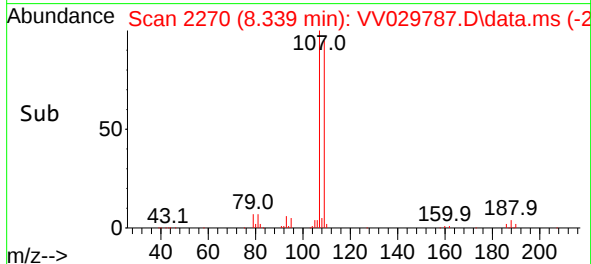
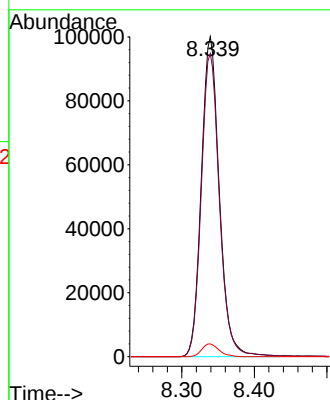
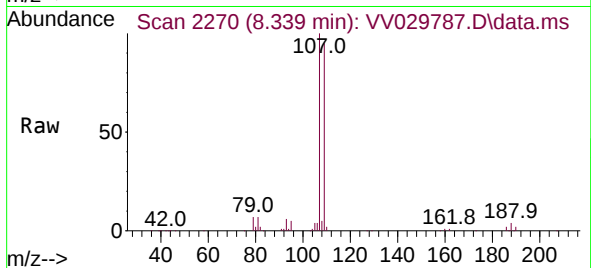
Tgt Ion:107 Resp: 172423

Ion Ratio Lower Upper

107 100

109 94.7 66.0 122.6

188 4.0 3.2 4.8



#51

Chlorobenzene

Concen: 49.379 ug/L

RT: 8.870 min Scan# 2435

Delta R.T. -0.000 min

Lab File: VV029787.D

Acq: 23 Dec 2022 15:24

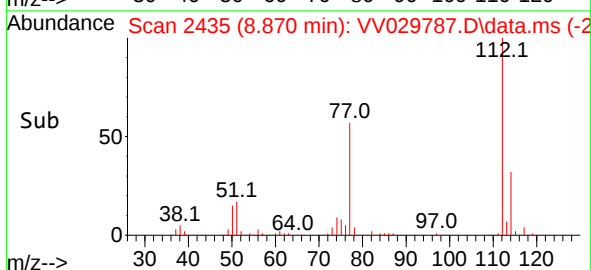
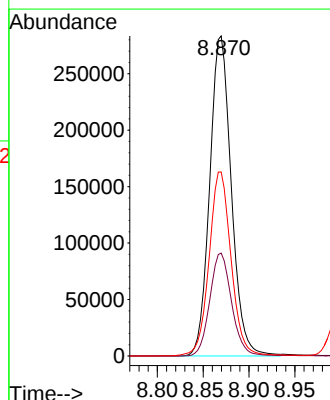
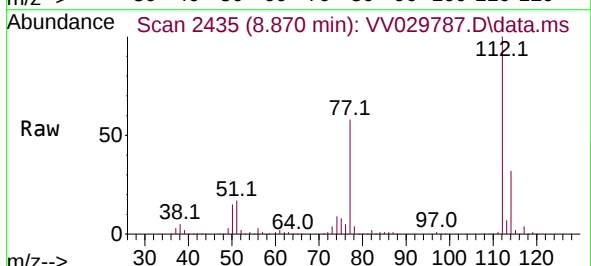
Tgt Ion:112 Resp: 464527

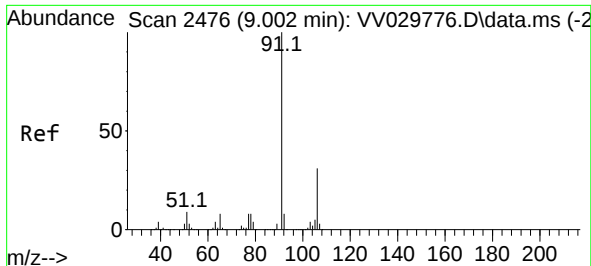
Ion Ratio Lower Upper

112 100

114 32.2 22.3 41.3

77 57.5 45.0 67.4





#52

Ethylbenzene

Concen: 49.858 ug/L

RT: 8.998 min Scan# 2476

Delta R.T. -0.003 min

Lab File: VV029787.D

Acq: 23 Dec 2022 15:24

Instrument :

MSVOA_V

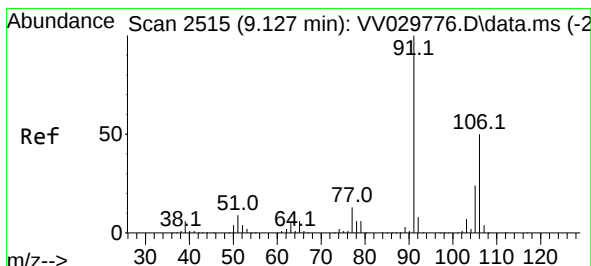
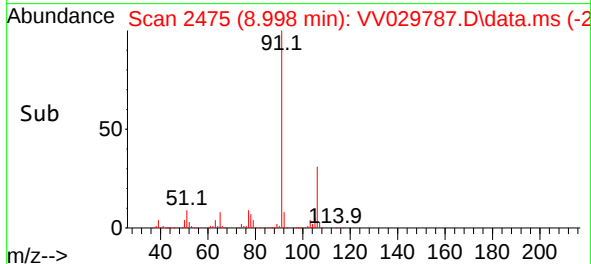
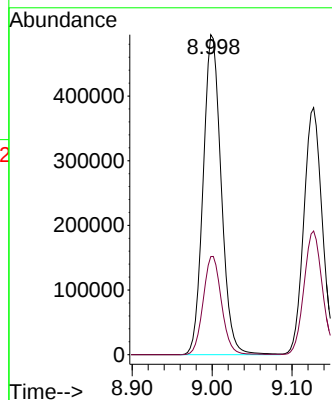
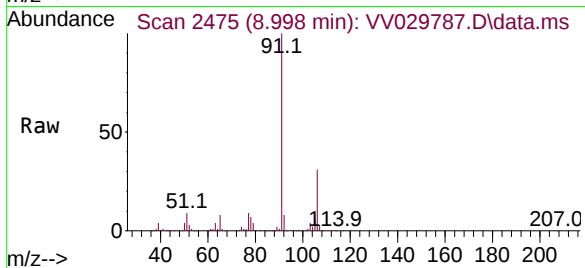
ClientSampleId :

Tgt Ion: 91 Resp: 778736

Ion Ratio Lower Upper

91 100

106 30.7 21.8 40.6



#53

m,p-Xylene

Concen: 50.058 ug/L

RT: 9.127 min Scan# 2515

Delta R.T. -0.000 min

Lab File: VV029787.D

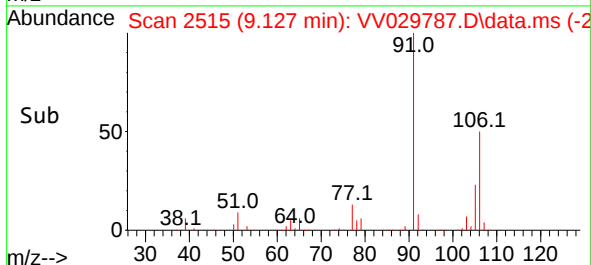
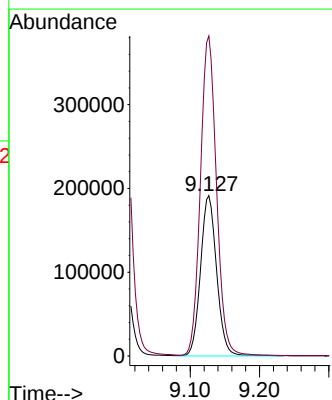
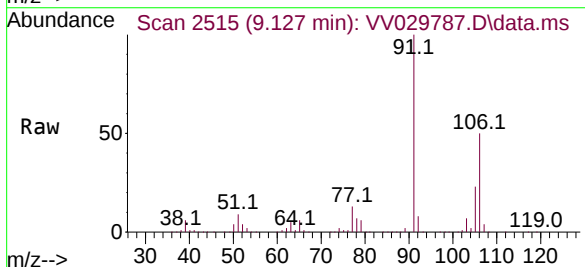
Acq: 23 Dec 2022 15:24

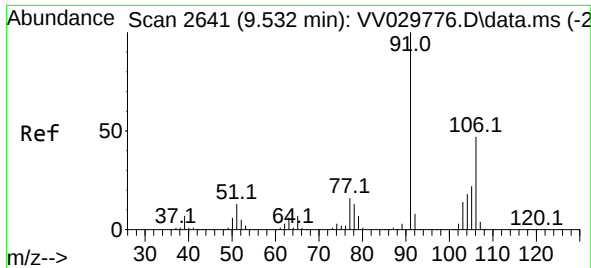
Tgt Ion:106 Resp: 309452

Ion Ratio Lower Upper

106 100

91 199.6 139.5 259.1

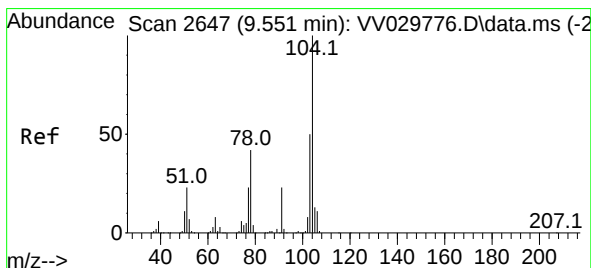
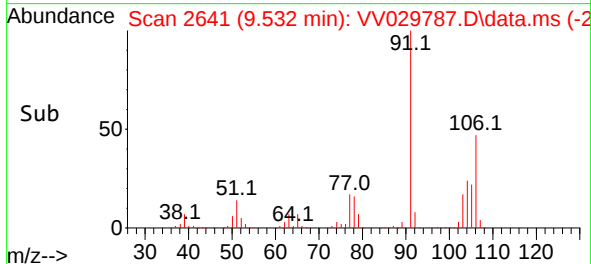
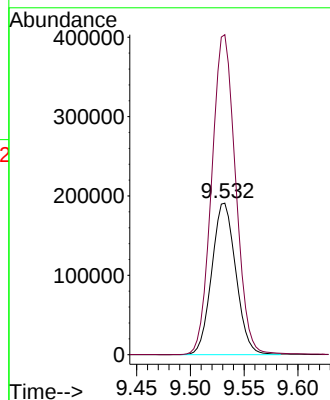
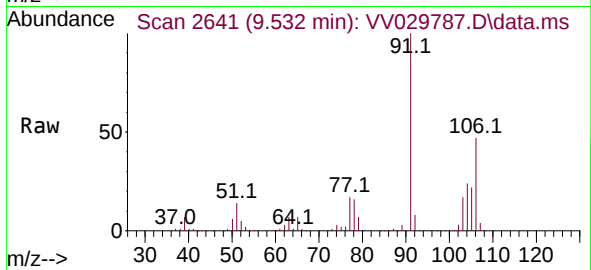




#54
o-Xylene
Concen: 48.700 ug/L
RT: 9.532 min Scan# 2641
Delta R.T. -0.000 min
Lab File: VV029787.D
Acq: 23 Dec 2022 15:24

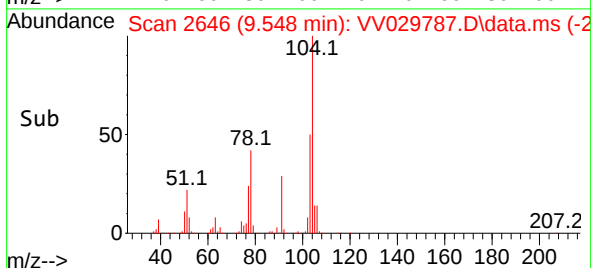
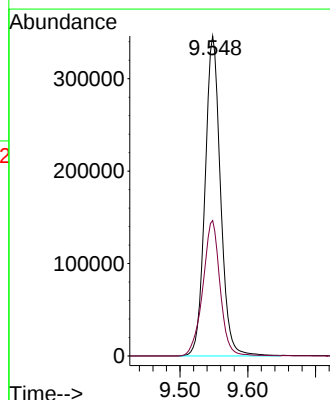
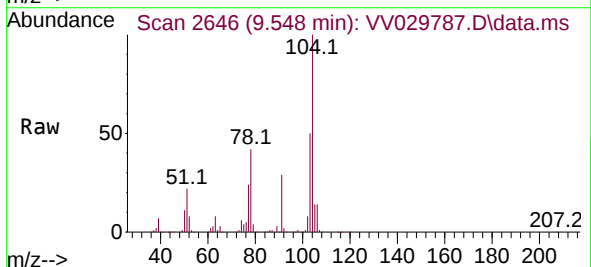
Instrument :
MSVOA_V
ClientSampleId :

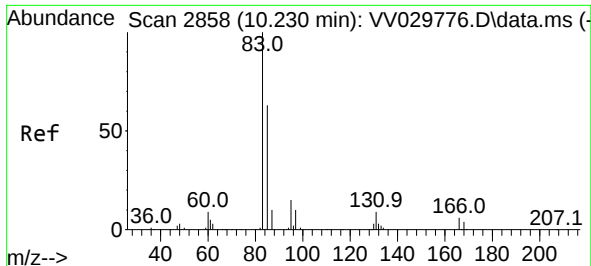
Tgt Ion:106 Resp: 297792
Ion Ratio Lower Upper
106 100
91 211.2 148.0 274.8



#55
Styrene
Concen: 51.763 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.003 min
Lab File: VV029787.D
Acq: 23 Dec 2022 15:24

Tgt Ion:104 Resp: 550064
Ion Ratio Lower Upper
104 100
78 42.3 29.4 54.6





#57

1,1,2,2-Tetrachloroethane

Concen: 49.337 ug/L

RT: 10.226 min Scan# 2857

Delta R.T. -0.003 min

Lab File: VV029787.D

Acq: 23 Dec 2022 15:24

Instrument :

MSVOA_V

ClientSampleId :

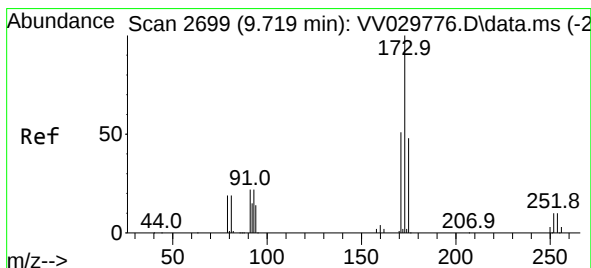
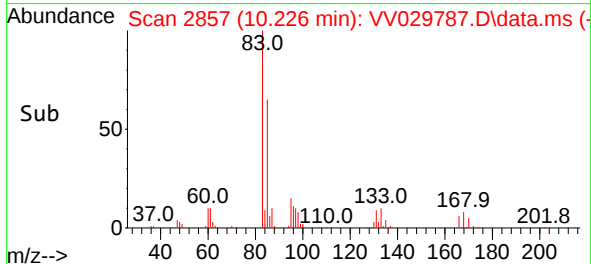
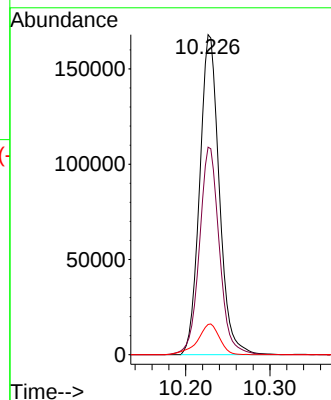
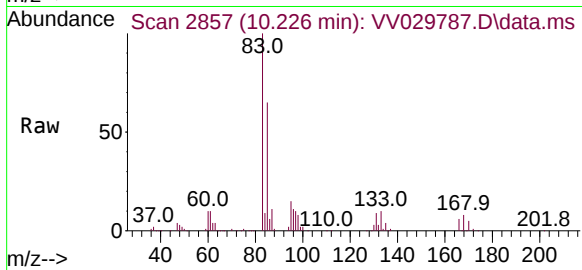
Tgt Ion: 83 Resp: 271621

Ion Ratio Lower Upper

83 100

85 64.9 45.7 84.9

131 9.5 7.9 11.9



#59

Bromoform

Concen: 43.399 ug/L

RT: 9.718 min Scan# 2699

Delta R.T. -0.000 min

Lab File: VV029787.D

Acq: 23 Dec 2022 15:24

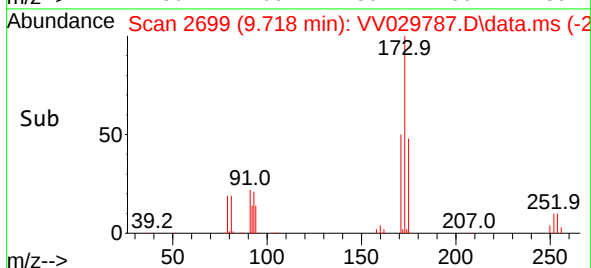
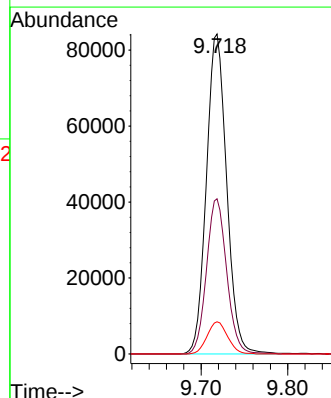
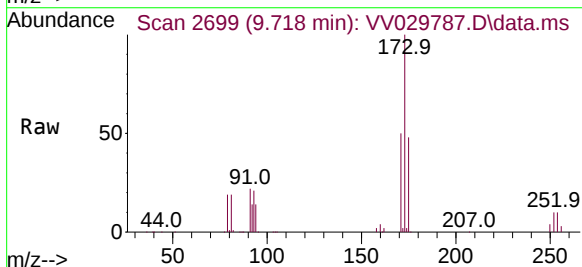
Tgt Ion:173 Resp: 137222

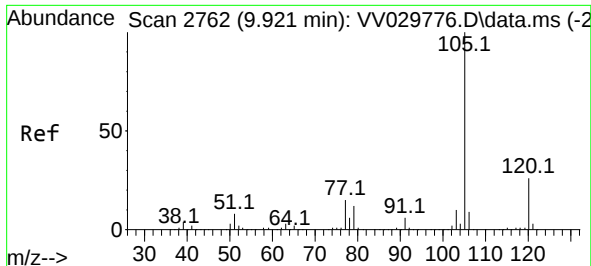
Ion Ratio Lower Upper

173 100

175 48.1 38.4 57.6

254 10.2 7.8 11.8

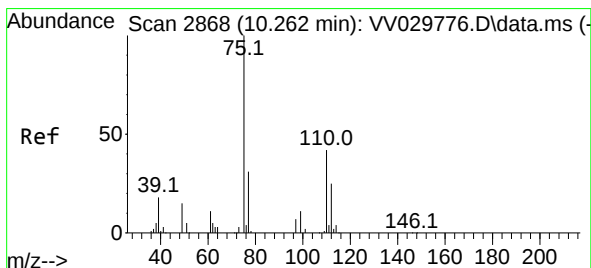
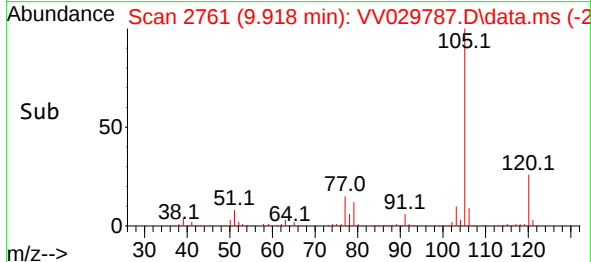
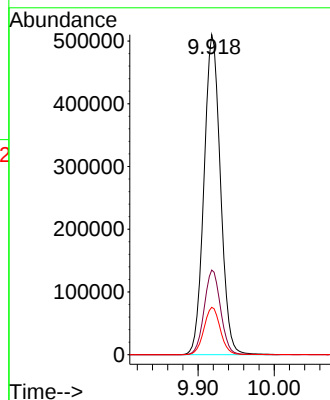
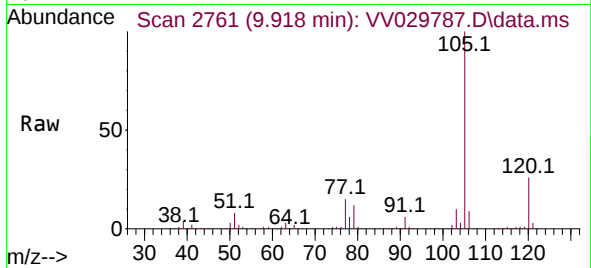




#60
Isopropylbenzene
Concen: 45.675 ug/L
RT: 9.918 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV029787.D
Acq: 23 Dec 2022 15:24

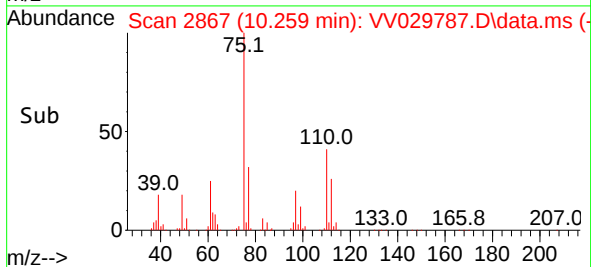
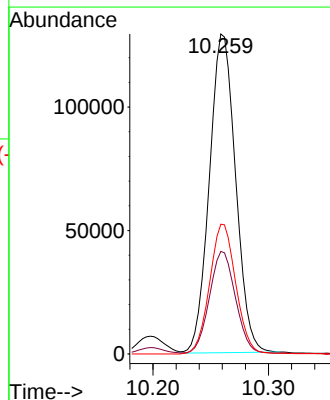
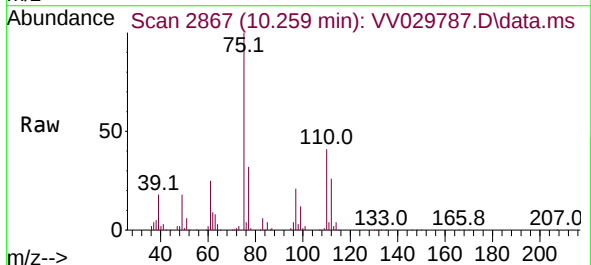
Instrument :
MSVOA_V
ClientSampleId :

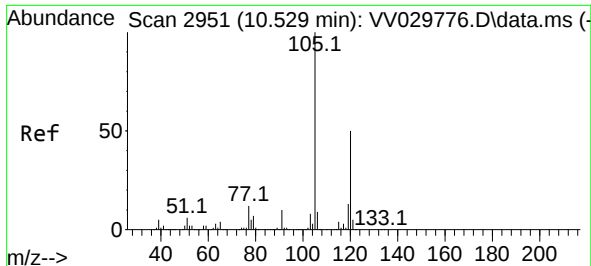
Tgt Ion:105 Resp: 767568
Ion Ratio Lower Upper
105 100
120 26.4 21.1 31.7
77 14.7 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 46.103 ug/L
RT: 10.259 min Scan# 2867
Delta R.T. -0.003 min
Lab File: VV029787.D
Acq: 23 Dec 2022 15:24

Tgt Ion: 75 Resp: 203687
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2
110 40.5 32.7 49.1





#62

1,3,5-Trimethylbenzene

Concen: 44.812 ug/L

RT: 10.525 min Scan# 2951

Delta R.T. -0.003 min

Lab File: VV029787.D

Acq: 23 Dec 2022 15:24

Instrument :

MSVOA_V

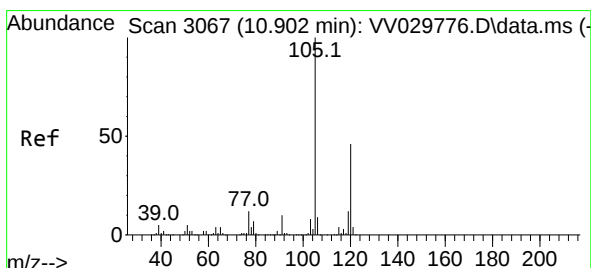
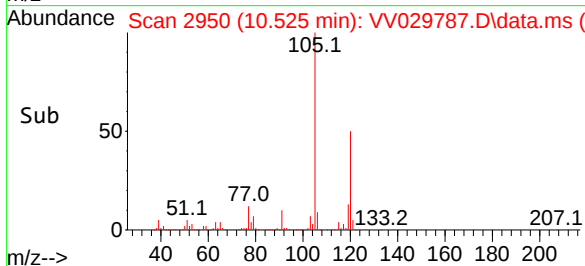
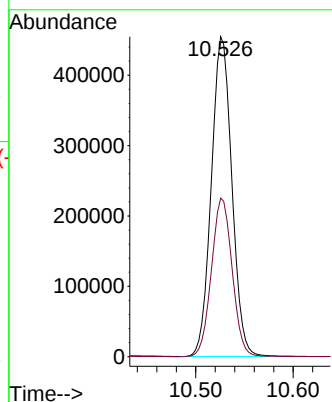
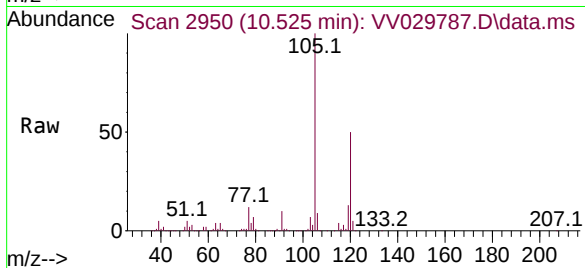
ClientSampleId :

Tgt Ion:105 Resp: 665847

Ion Ratio Lower Upper

105 100

120 50.0 40.0 60.0



#63

1,2,4-Trimethylbenzene

Concen: 45.273 ug/L

RT: 10.902 min Scan# 3067

Delta R.T. -0.000 min

Lab File: VV029787.D

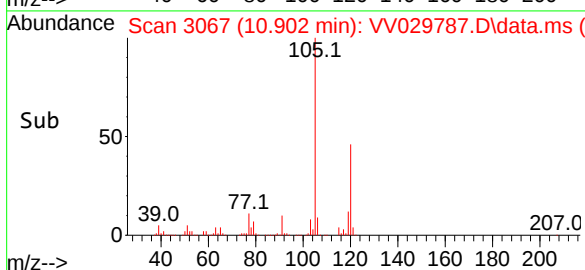
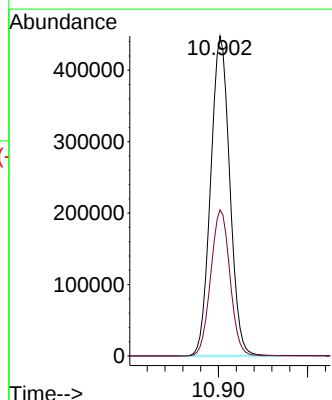
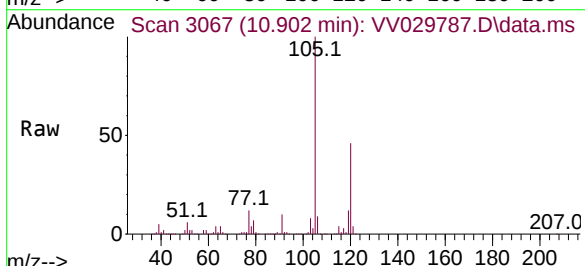
Acq: 23 Dec 2022 15:24

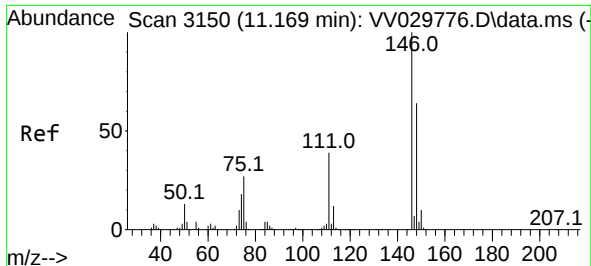
Tgt Ion:105 Resp: 666805

Ion Ratio Lower Upper

105 100

120 46.0 36.7 55.1

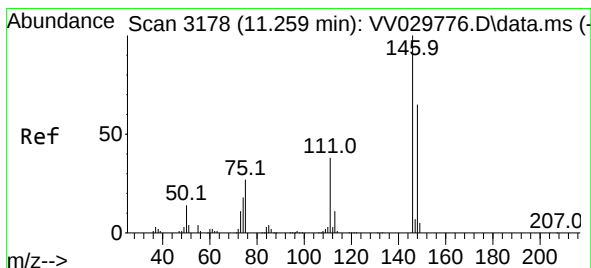
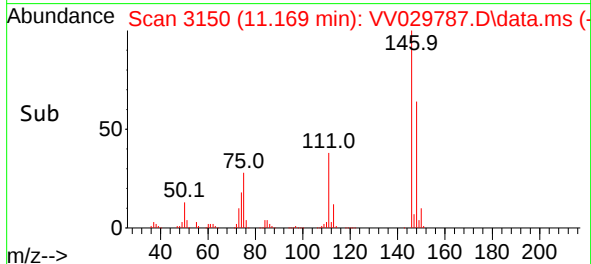
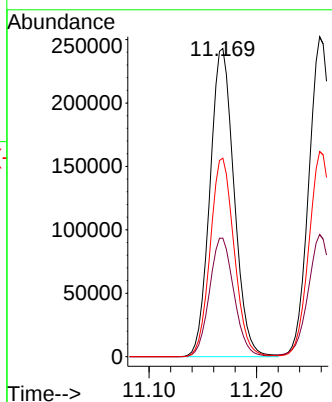
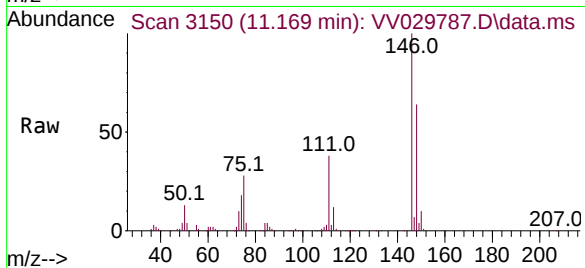




#64
1,3-Dichlorobenzene
Concen: 46.190 ug/L
RT: 11.169 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VV029787.D
Acq: 23 Dec 2022 15:24

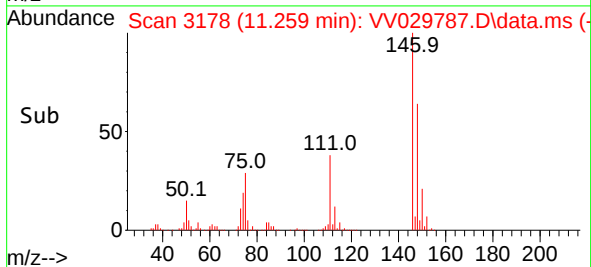
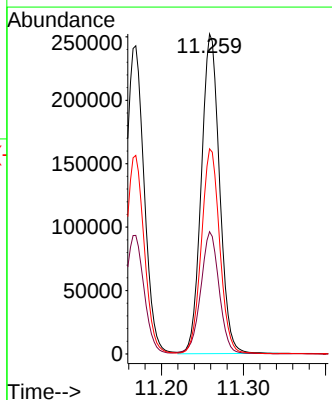
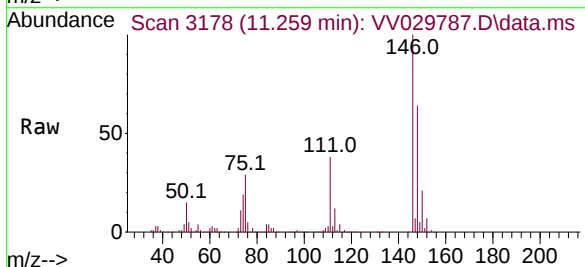
Instrument :
MSVOA_V
ClientSampleId :

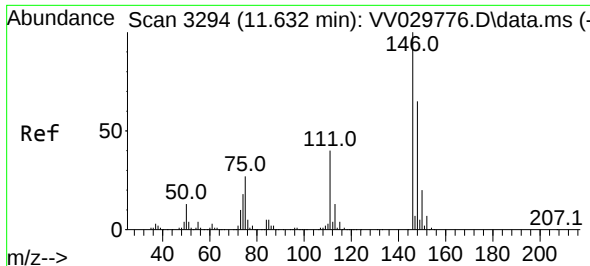
Tgt Ion:146 Resp: 379530
Ion Ratio Lower Upper
146 100
111 38.5 27.4 51.0
148 64.4 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 46.598 ug/L
RT: 11.259 min Scan# 3178
Delta R.T. -0.000 min
Lab File: VV029787.D
Acq: 23 Dec 2022 15:24

Tgt Ion:146 Resp: 389125
Ion Ratio Lower Upper
146 100
111 38.2 26.2 48.8
148 64.1 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 45.780 ug/L

RT: 11.628 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV029787.D

Acq: 23 Dec 2022 15:24

Instrument :

MSVOA_V

ClientSampleId :

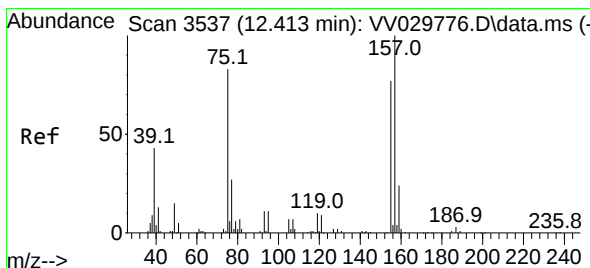
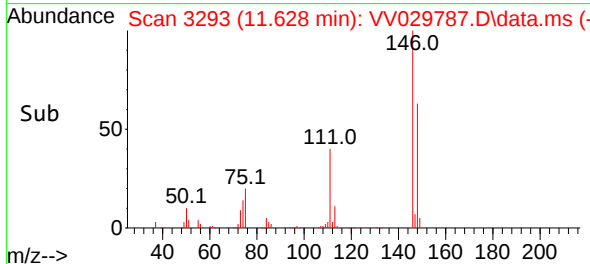
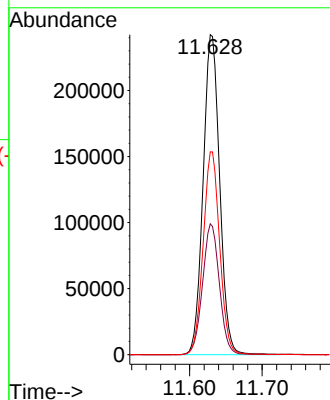
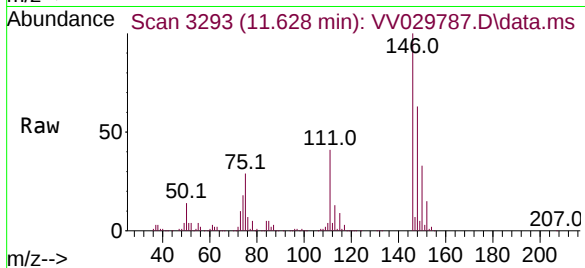
Tgt Ion:146 Resp: 384660

Ion Ratio Lower Upper

146 100

111 40.9 32.0 48.0

148 63.4 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 41.546 ug/L

RT: 12.413 min Scan# 3537

Delta R.T. -0.000 min

Lab File: VV029787.D

Acq: 23 Dec 2022 15:24

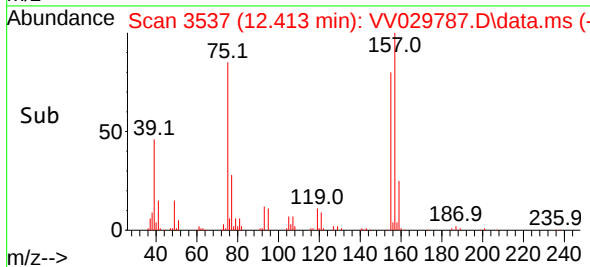
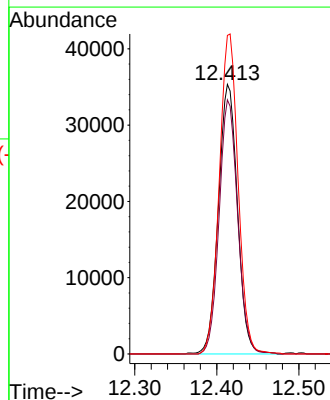
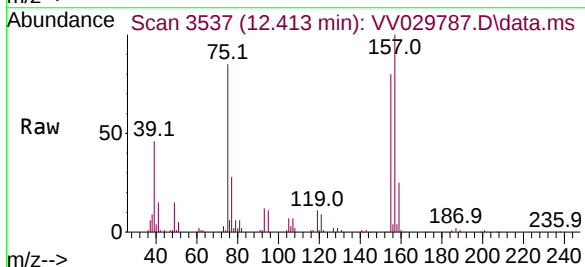
Tgt Ion: 75 Resp: 57050

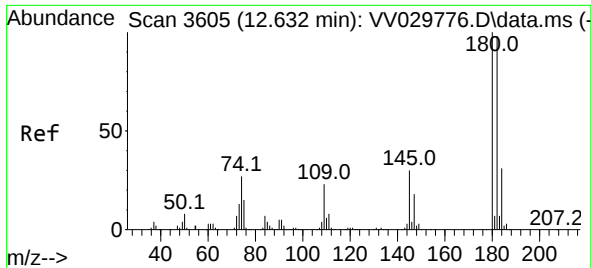
Ion Ratio Lower Upper

75 100

155 94.3 76.2 114.2

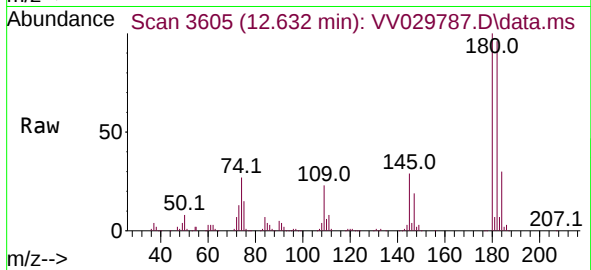
157 118.2 96.0 144.0



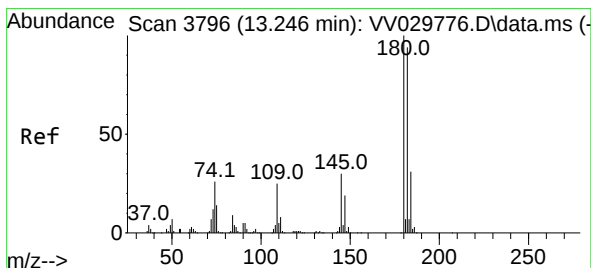
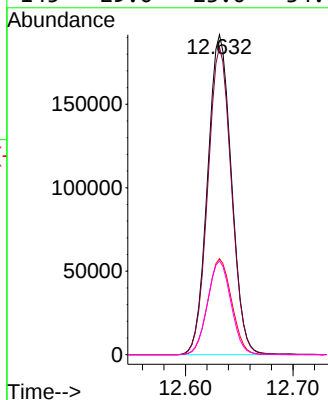
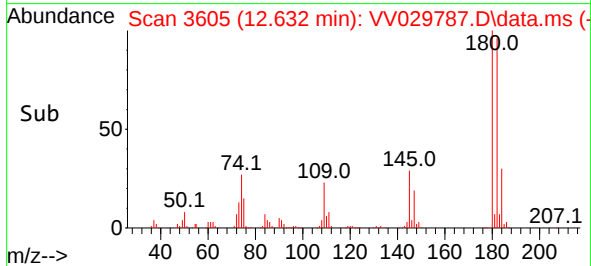


#69
 1,3,5-Trichlorobenzene
 Concen: 45.067 ug/L
 RT: 12.632 min Scan# 3010
 Delta R.T. -0.000 min
 Lab File: VV029787.D
 Acq: 23 Dec 2022 15:24

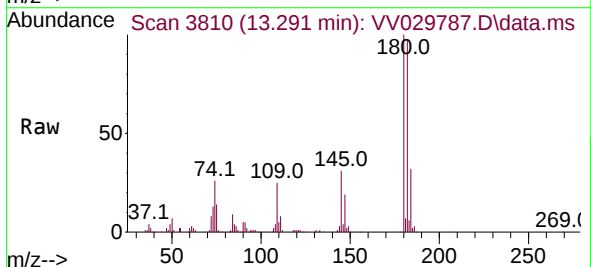
Instrument :
 MSVOA_V
 ClientSampleId :



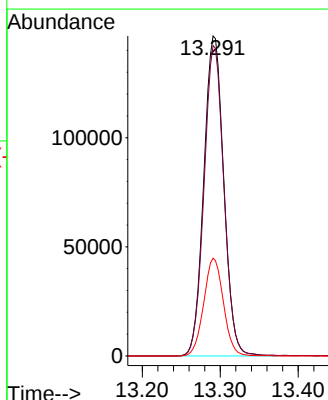
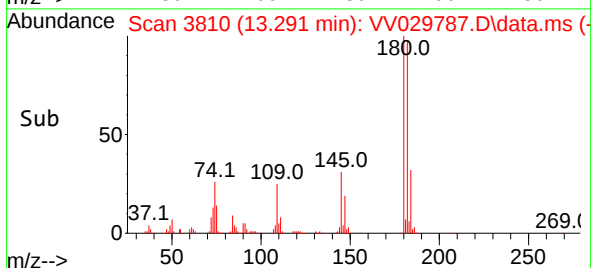
Tgt Ion:180 Resp: 294693
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.5 114.7
 184 30.2 24.6 36.8
 145 29.0 23.0 34.6

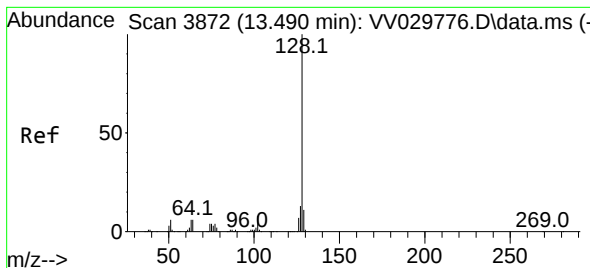


#70
 1,2,4-trichlorobenzene
 Concen: 45.036 ug/L
 RT: 13.291 min Scan# 3810
 Delta R.T. 0.045 min
 Lab File: VV029787.D
 Acq: 23 Dec 2022 15:24



Tgt Ion:180 Resp: 261868
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.3 114.5
 145 30.0 23.7 35.5





#71

Naphthalene

Concen: 50.527 ug/L

RT: 13.580 min Scan# 3900

Delta R.T. 0.090 min

Lab File: VV029787.D

Acq: 23 Dec 2022 15:24

Instrument :

MSVOA_V

ClientSampleId :

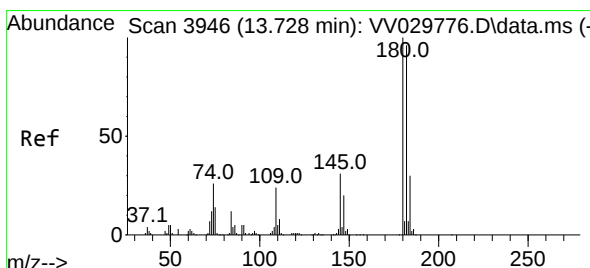
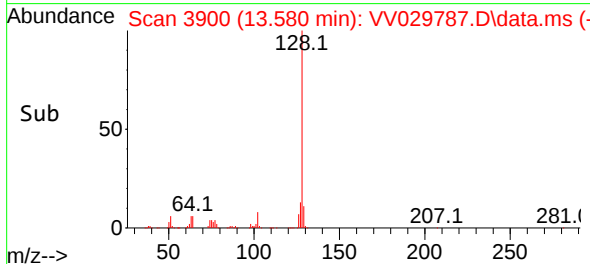
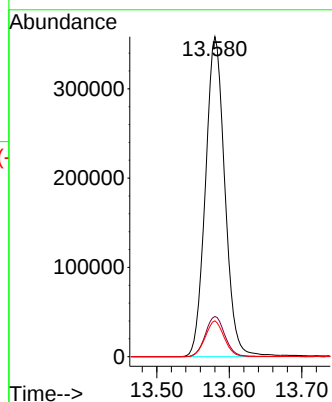
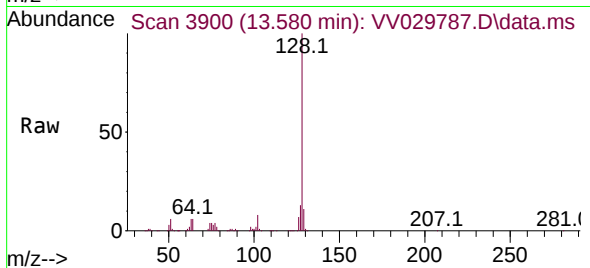
Tgt Ion:128 Resp: 666413

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.9 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 46.176 ug/L

RT: 13.882 min Scan# 3994

Delta R.T. 0.154 min

Lab File: VV029787.D

Acq: 23 Dec 2022 15:24

Tgt Ion:180 Resp: 262988

Ion Ratio Lower Upper

180 100

182 95.3 76.4 114.6

145 31.3 25.0 37.6

