

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012524\
 Data File : VW033861.D
 Acq On : 25 Jan 2024 10:21
 Operator : SY/MD
 Sample : VSTD010
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 25 20:55:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 25 20:53:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	103591	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	93169	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	49626	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	84795	13.555	ug/L	0.00
7) Chloroethane-d5	1.535	69	77258	13.914	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	41424	14.493	ug/L	0.00
20) 2-Butanone-d5	3.815	46	157621	110.907	ug/L	-0.01
24) Chloroform-d	4.249	84	160593	12.328	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	76336	12.881	ug/L	0.00
32) Benzene-d6	4.960	84	310951	12.908	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	88766	11.440	ug/L	0.00
41) Toluene-d8	7.243	98	282838	13.044	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.555	79	33855	12.349	ug/L	0.00
46) 2-Hexanone-d5	8.027	63	127549	120.214	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.152	84	53510	11.691	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	95367	11.798	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	95029	10.055	ug/L	99
3) Chloromethane	1.217	50	99418	8.971	ug/L	97
5) Vinyl chloride	1.285	62	101216	9.486	ug/L	94
6) Bromomethane	1.490	94	52251	9.816	ug/L	99
8) Chloroethane	1.552	64	61272	9.409	ug/L	99
9) Trichlorofluoromethane	1.716	101	143357	10.739	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	74955	10.179	ug/L	100
12) 1,1-Dichloroethene	2.072	96	72873	9.904	ug/L	98
13) Acetone	2.391	43	21352	19.034	ug/L	93
14) Carbon disulfide	2.243	76	235732	8.909	ug/L	99
15) Methyl Acetate	2.391	43	25621	9.872	ug/L	99
16) Methylene chloride	2.449	84	68785	8.199	ug/L	99
17) Methyl tert-butyl Ether	2.709	73	157214	9.577	ug/L	100
18) trans-1,2-Dichloroethene	2.696	96	73447	9.039	ug/L	97
19) 1,1-Dichloroethane	3.114	63	139809	8.757	ug/L	98
21) 2-Butanone	3.899	43	145107	93.766	ug/L #	60
22) cis-1,2-Dichloroethene	3.818	96	78252	9.131	ug/L	99
23) Bromochloromethane	4.150	128	30821	9.829	ug/L	94
25) Chloroform	4.278	83	139335	9.383	ug/L	96
27) 1,2-Dichloroethane	5.043	62	83468	9.777	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	130505	9.928	ug/L	99
30) Cyclohexane	4.584	56	124825	8.209	ug/L	99
31) Carbon tetrachloride	4.738	117	114766	10.161	ug/L	100
33) Benzene	5.011	78	289782	9.004	ug/L	100
34) Trichloroethene	5.834	95	80111	9.260	ug/L	98
35) Methylcyclohexane	6.050	83	128137	8.837	ug/L	98
37) 1,2-Dichloropropane	6.095	63	71022	8.853	ug/L	100
38) Bromodichloromethane	6.432	83	92799	9.409	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	111923	9.725	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	356732	95.674	ug/L	99
42) Toluene	7.317	91	314770	9.229	ug/L	96
44) trans-1,3-Dichloropropene	7.580	75	88413	9.523	ug/L	98

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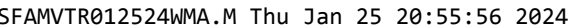
Quant Time: Jan 25 20:55:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 25 20:53:39 2024
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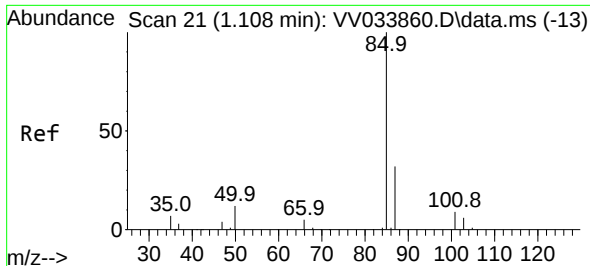
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.770	97	43837	9.706	ug/L	98
47) Tetrachloroethene	7.905	164	63261	10.014	ug/L	97
48) 2-Hexanone	8.079	43	247920	90.569	ug/L	99
49) Dibromochloromethane	8.178	129	53152	9.481	ug/L	100
50) 1,2-Dibromoethane	8.284	107	40448	9.690	ug/L #	96
51) Chlorobenzene	8.815	112	195485	9.277	ug/L	99
52) Ethylbenzene	8.947	91	360146	9.097	ug/L	99
53) m,p-Xylene	9.072	106	135342	9.247	ug/L	99
54) o-Xylene	9.477	106	131043	9.224	ug/L	98
55) Styrene	9.497	104	216152	9.486	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	47463	9.552	ug/L	97
59) Bromoform	9.667	173	28510	9.607	ug/L	98
60) Isopropylbenzene	9.866	105	362456	9.268	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	34795	8.930	ug/L	96
62) 1,3,5-Trimethylbenzene	10.474	105	305981	9.144	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	303054	9.029	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	158660	9.236	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	153595	9.091	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	137319	9.146	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	8116	9.482	ug/L	99
69) 1,3,5-Trichlorobenzene	12.583	180	126101	9.402	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	100019	9.005	ug/L	99
71) Naphthalene	13.439	128	134864	7.205	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	82043	9.081	ug/L	99

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

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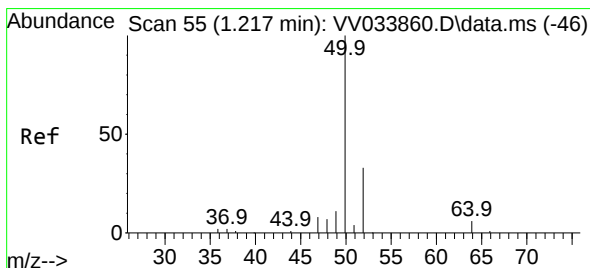
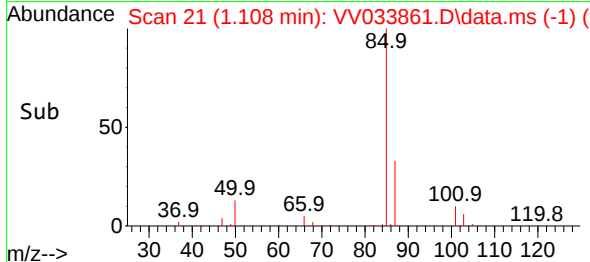
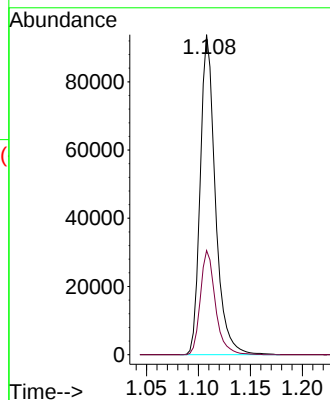
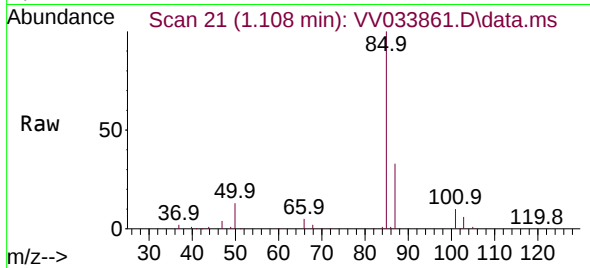




#2
 Dichlorodifluoromethane
 Concen: 10.055 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV033861.D
 Acq: 25 Jan 2024 10:21

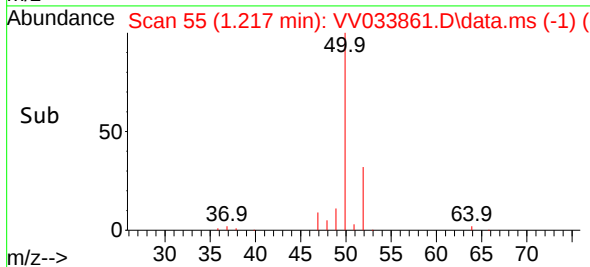
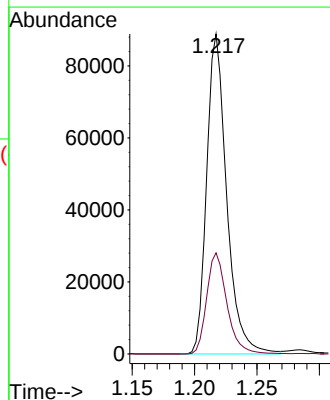
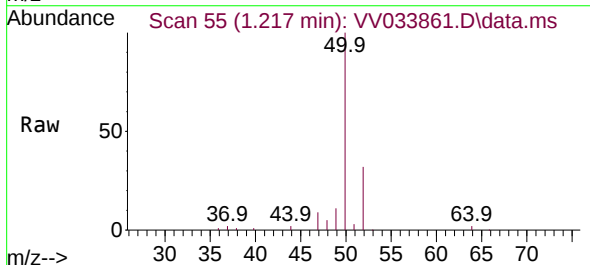
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 MSVOA_V
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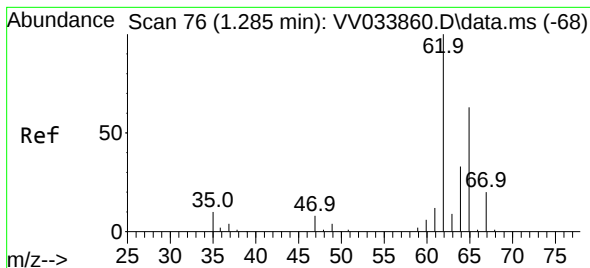
Tgt Ion: 85 Resp: 95029
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.2 39.4



#3
 Chloromethane
 Concen: 8.971 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV033861.D
 Acq: 25 Jan 2024 10:21

Tgt Ion: 50 Resp: 99418
 Ion Ratio Lower Upper
 50 100
 52 31.6 23.4 43.4





#5

Vinyl chloride

Concen: 9.486 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV033861.D

Acq: 25 Jan 2024 10:21

Instrument :

MSVOA_V

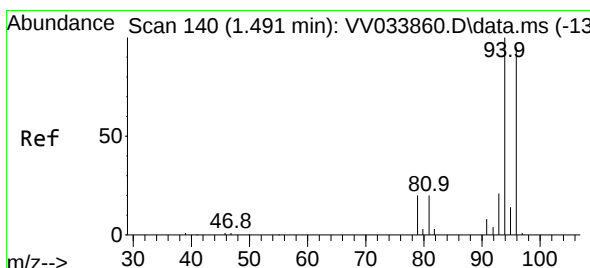
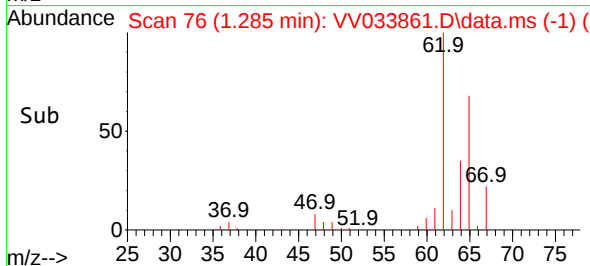
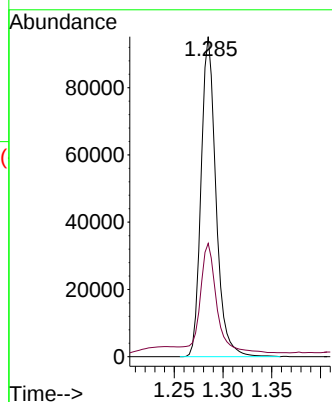
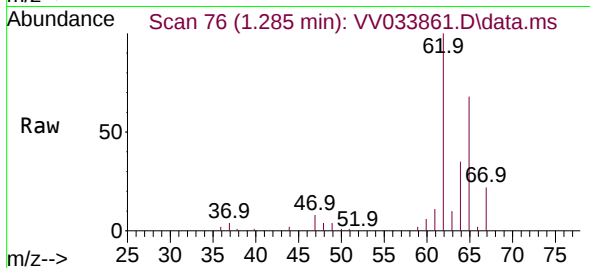
ClientSampleId :

Tgt Ion: 62 Resp: 101216

Ion Ratio Lower Upper

62 100

64 35.4 27.2 50.4



#6

Bromomethane

Concen: 9.816 ug/L

RT: 1.490 min Scan# 140

Delta R.T. -0.000 min

Lab File: VV033861.D

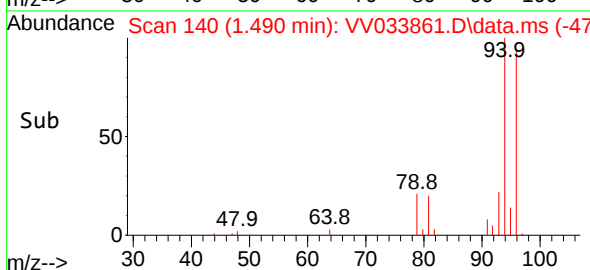
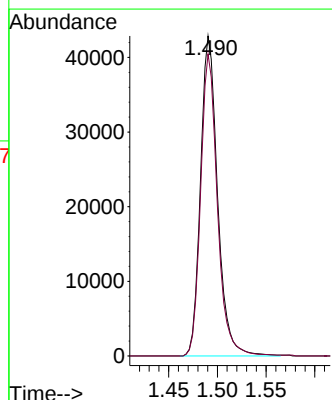
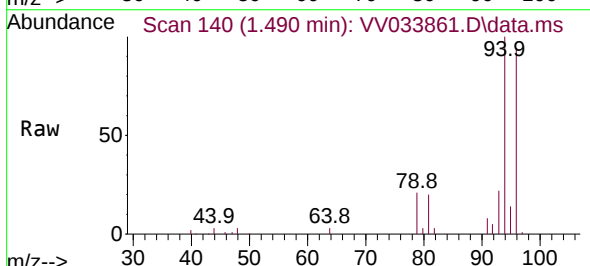
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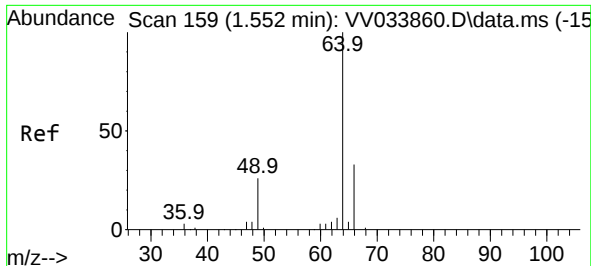
Tgt Ion: 94 Resp: 52251

Ion Ratio Lower Upper

94 100

96 94.3 66.6 123.8

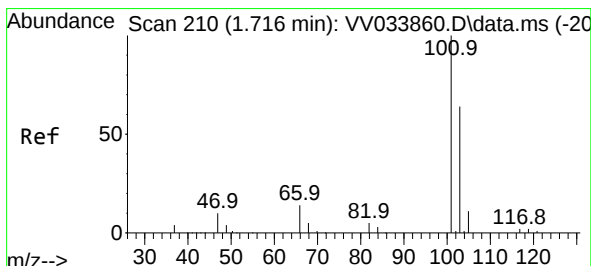
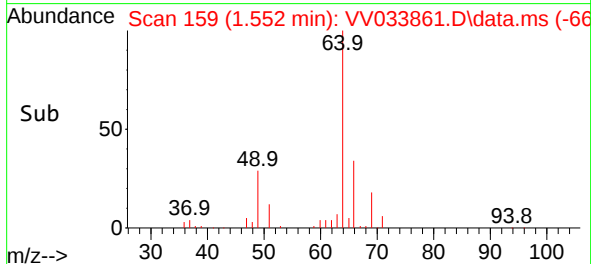
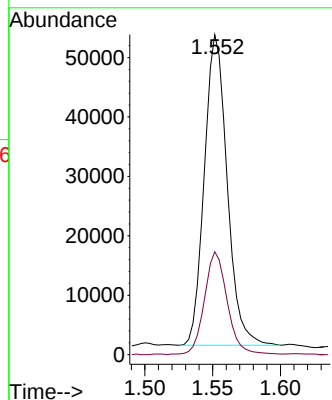
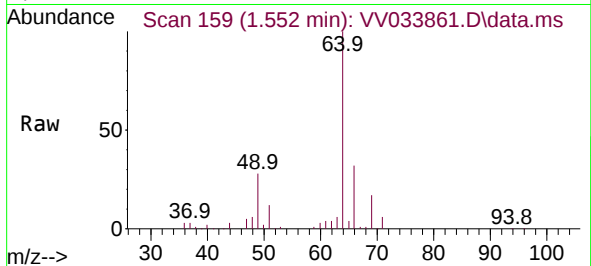




#8
Chloroethane
Concen: 9.409 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV033861.D
Acq: 25 Jan 2024 10:21

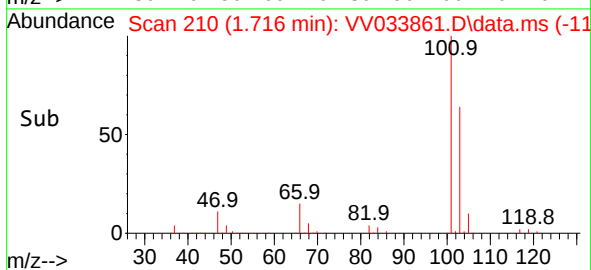
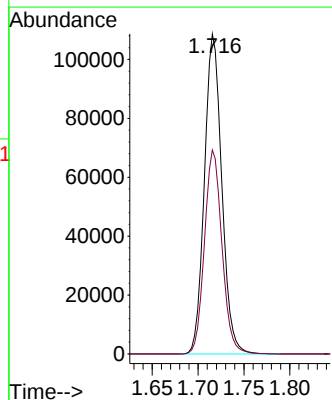
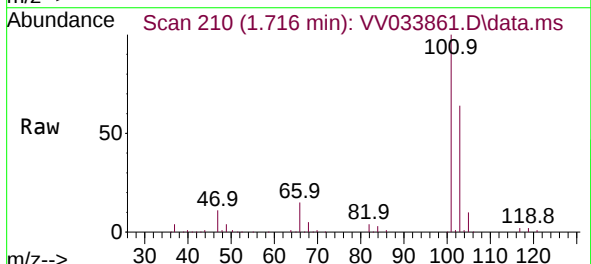
Instrument :
MSVOA_V
ClientSampleId :

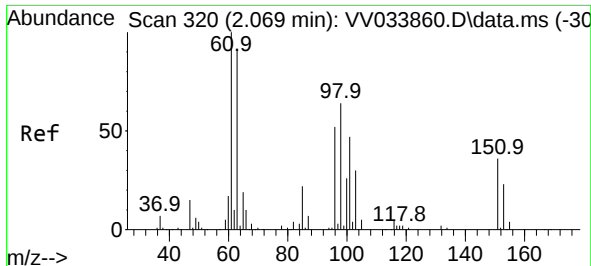
Tgt Ion: 64 Resp: 61272
Ion Ratio Lower Upper
64 100
66 32.2 22.0 41.0



#9
Trichlorofluoromethane
Concen: 10.739 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV033861.D
Acq: 25 Jan 2024 10:21

Tgt Ion:101 Resp: 143357
Ion Ratio Lower Upper
101 100
103 64.1 51.0 76.4

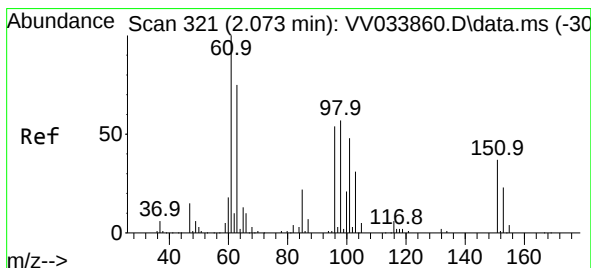
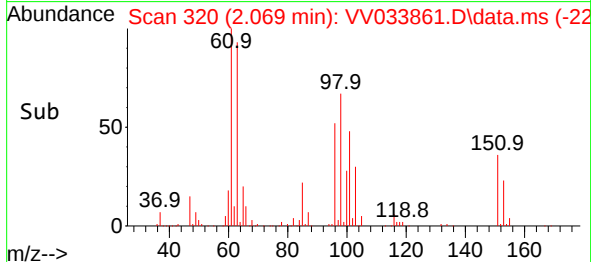
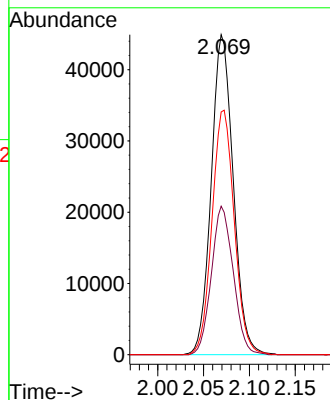
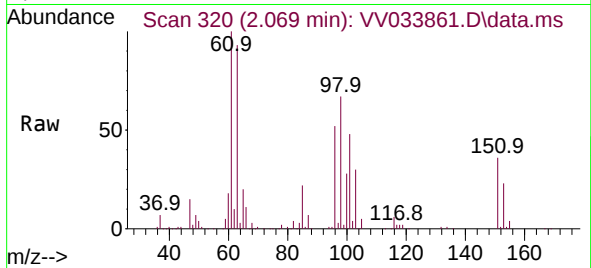




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.179 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV033861.D
 Acq: 25 Jan 2024 10:21

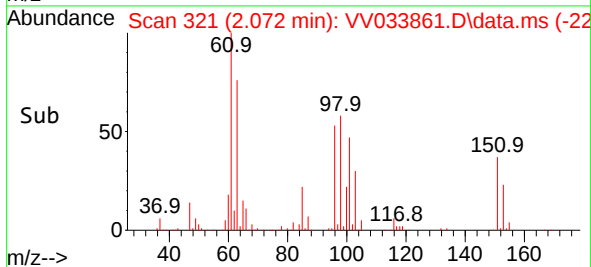
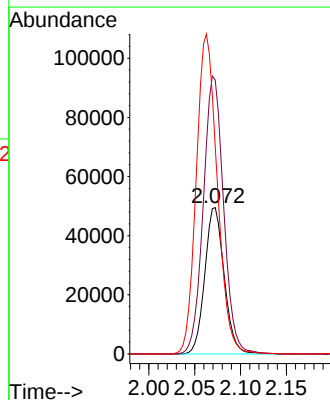
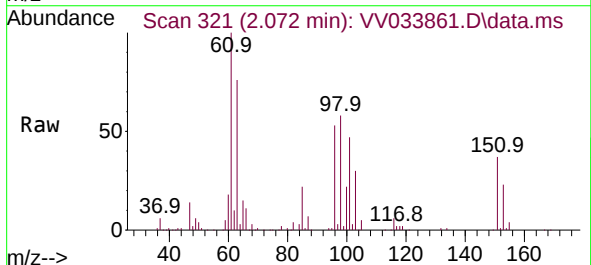
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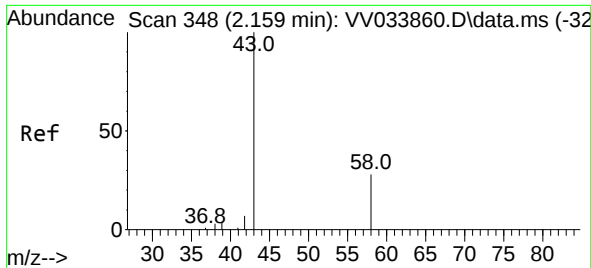
Tgt Ion:101 Resp: 74955
 Ion Ratio Lower Upper
 101 100
 85 46.0 37.1 55.7
 151 77.4 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 9.904 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: VV033861.D
 Acq: 25 Jan 2024 10:21

Tgt Ion: 96 Resp: 72873
 Ion Ratio Lower Upper
 96 100
 61 187.2 128.8 239.2
 63 141.7 97.9 181.9





#13

Acetone

Concen: 19.034 ug/L

RT: 2.391 min Scan# 41

Delta R.T. 0.231 min

Lab File: VV033861.D

Acq: 25 Jan 2024 10:21

Instrument :

MSVOA_V

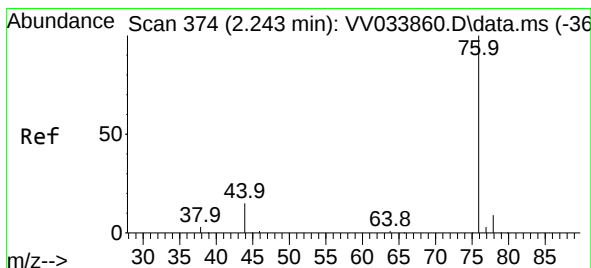
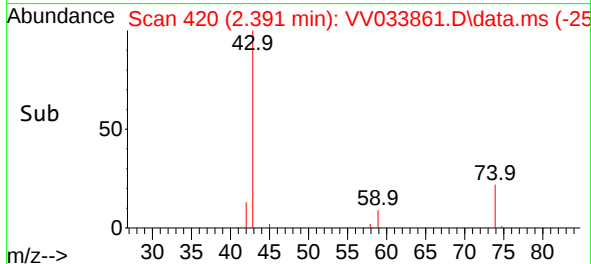
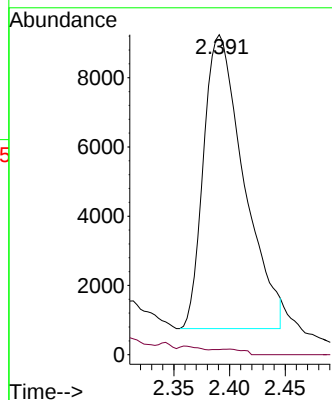
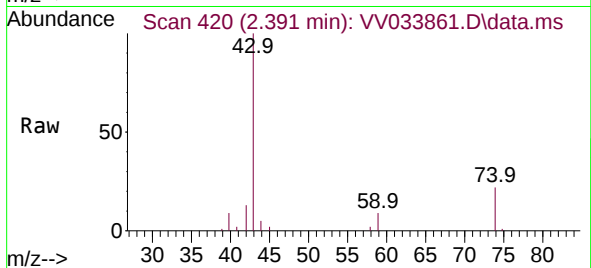
ClientSampleId :

Tgt Ion: 43 Resp: 21352

Ion Ratio Lower Upper

43 100

58 4.6 0.0 13.8



#14

Carbon disulfide

Concen: 8.909 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.000 min

Lab File: VV033861.D

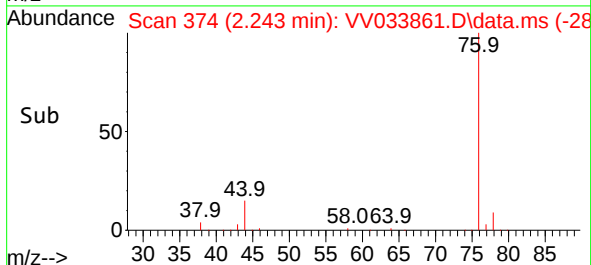
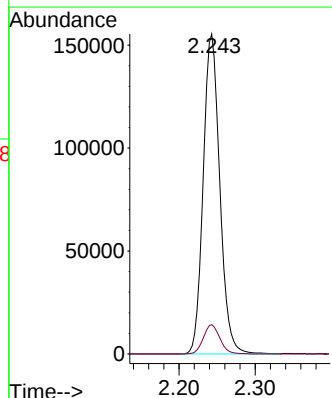
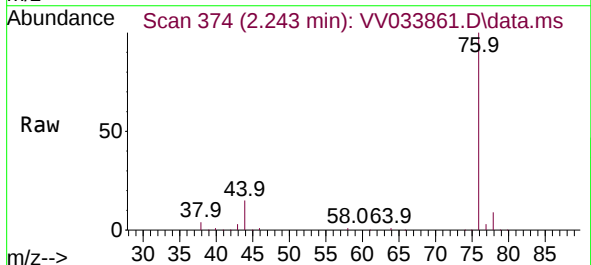
Acq: 25 Jan 2024 10:21

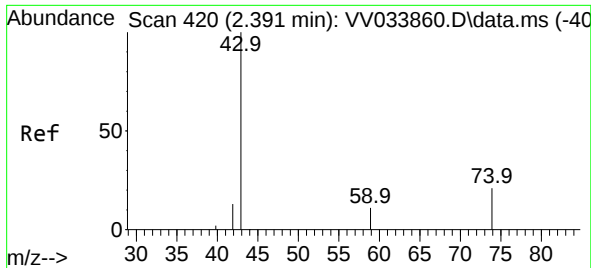
Tgt Ion: 76 Resp: 235732

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

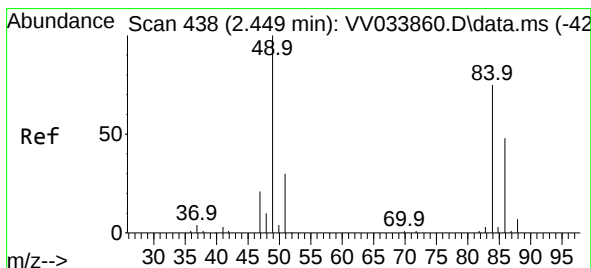
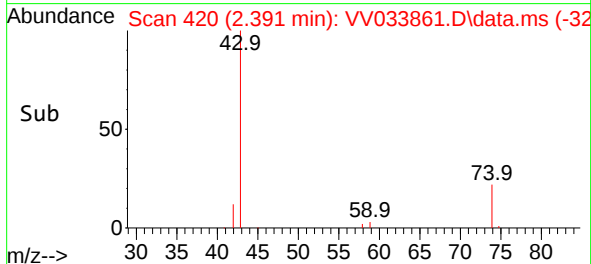
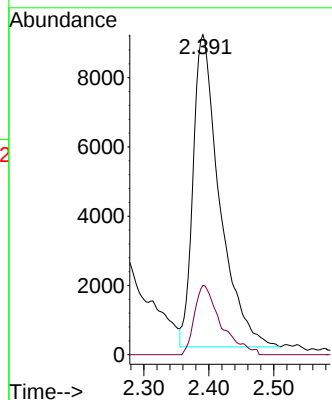
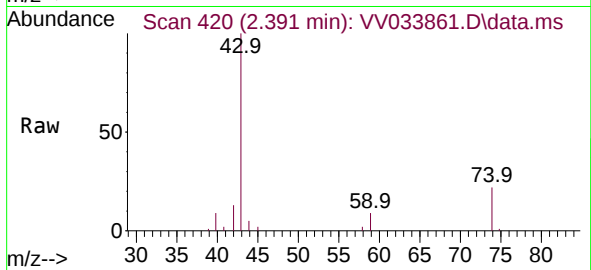




#15
Methyl Acetate
Concen: 9.872 ug/L
RT: 2.391 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV033861.D
Acq: 25 Jan 2024 10:21

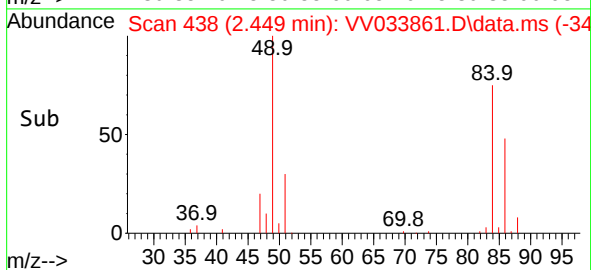
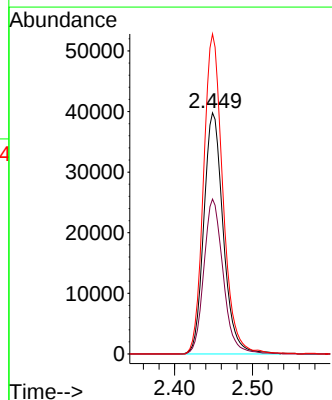
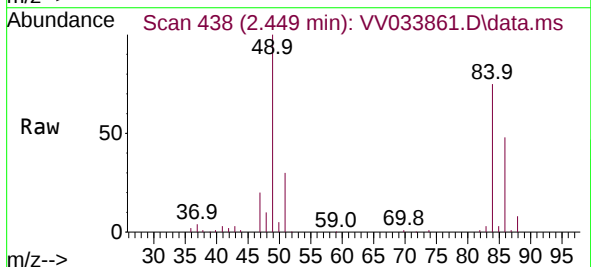
Instrument :
MSVOA_V
ClientSampleId :

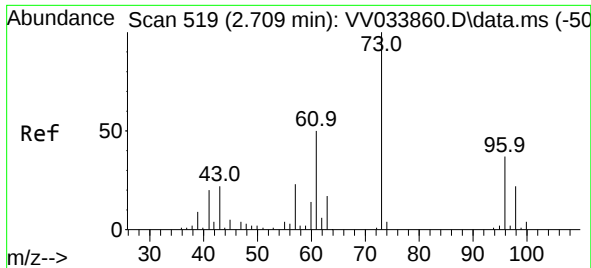
Tgt Ion: 43 Resp: 25621
Ion Ratio Lower Upper
43 100
74 22.1 18.2 27.4



#16
Methylene chloride
Concen: 8.199 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV033861.D
Acq: 25 Jan 2024 10:21

Tgt Ion: 84 Resp: 68785
Ion Ratio Lower Upper
84 100
86 64.3 44.7 83.1
49 132.7 93.7 173.9

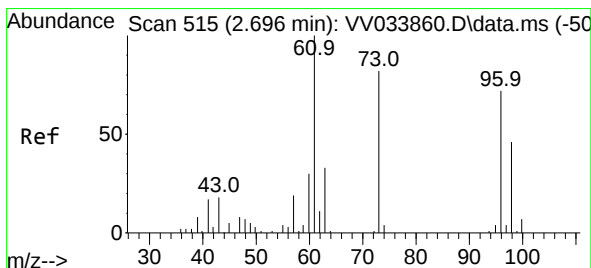
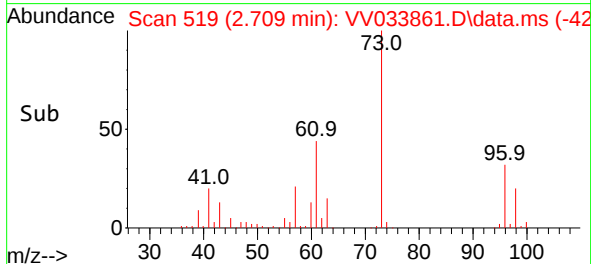
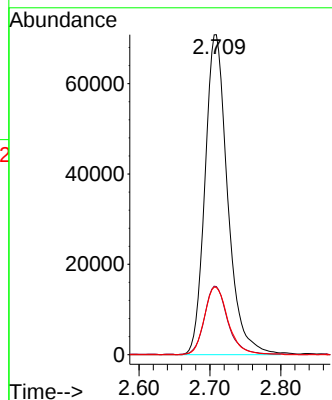
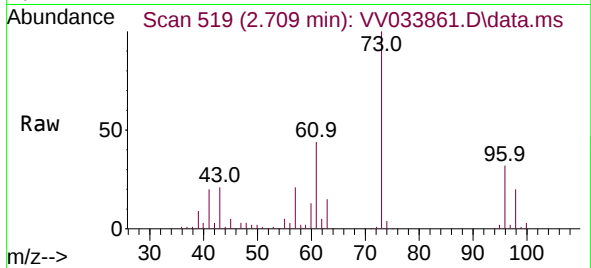




#17
Methyl tert-butyl Ether
Concen: 9.577 ug/L
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV033861.D
Acq: 25 Jan 2024 10:21

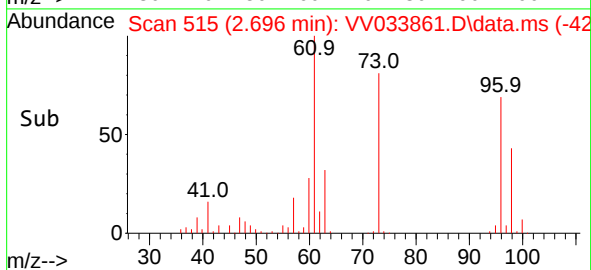
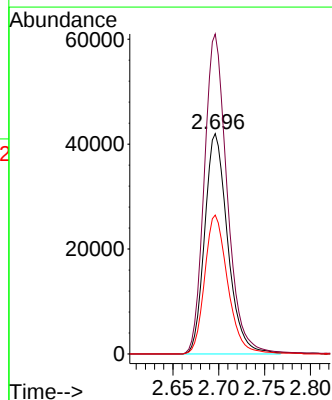
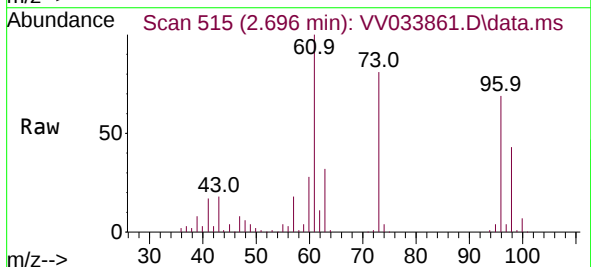
Instrument :
MSVOA_V
ClientSampleId :

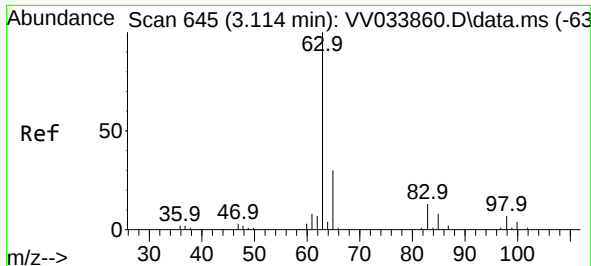
Tgt Ion: 73 Resp: 157214
Ion Ratio Lower Upper
73 100
43 22.2 17.7 26.5
57 22.2 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 9.039 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV033861.D
Acq: 25 Jan 2024 10:21

Tgt Ion: 96 Resp: 73447
Ion Ratio Lower Upper
96 100
61 145.3 97.6 181.4
98 63.0 44.4 82.5

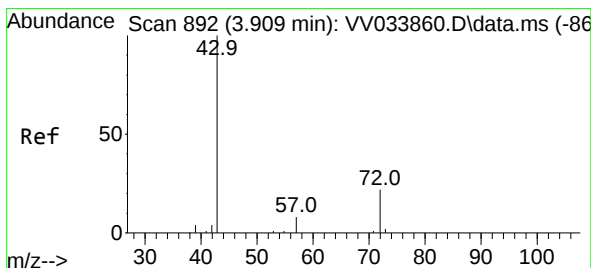
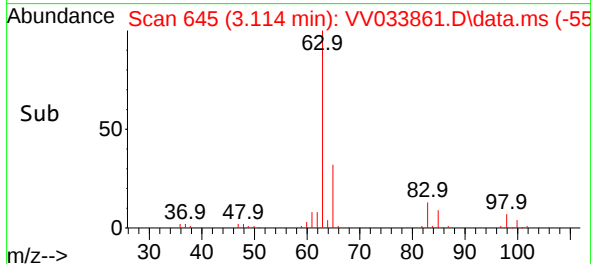
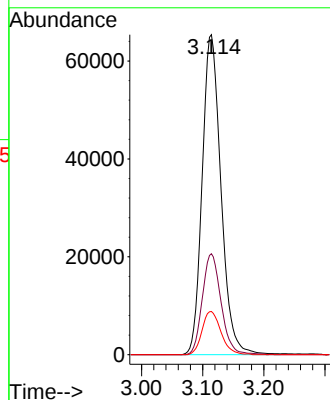
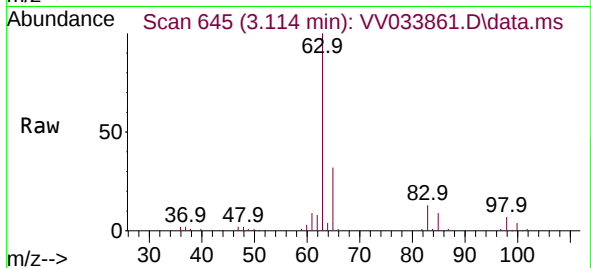




#19
1,1-Dichloroethane
Concen: 8.757 ug/L
RT: 3.114 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV033861.D
Acq: 25 Jan 2024 10:21

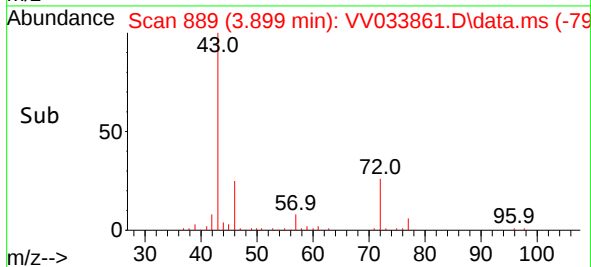
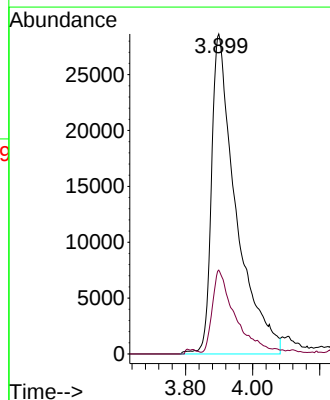
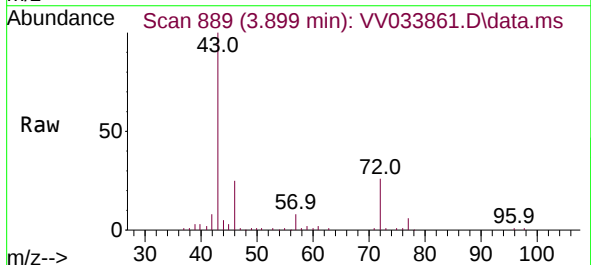
Instrument :
MSVOA_V
ClientSampleId :

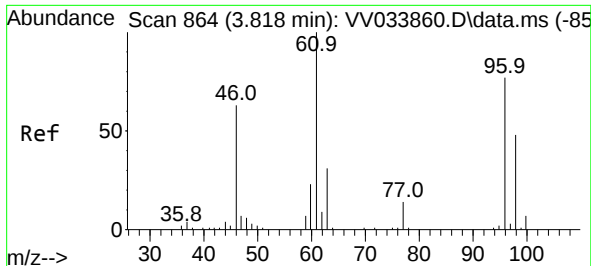
Tgt Ion: 63 Resp: 139809
Ion Ratio Lower Upper
63 100
65 31.5 20.8 38.6
83 13.5 9.4 17.4



#21
2-Butanone
Concen: 93.766 ug/L
RT: 3.899 min Scan# 889
Delta R.T. -0.010 min
Lab File: VV033861.D
Acq: 25 Jan 2024 10:21

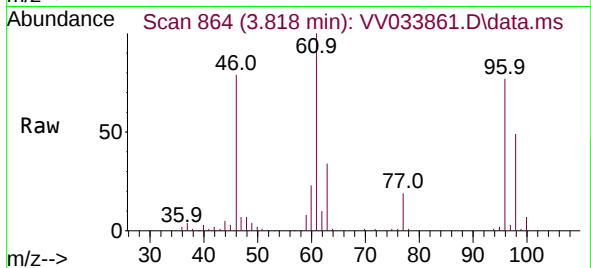
Tgt Ion: 43 Resp: 145107
Ion Ratio Lower Upper
43 100
72 21.8 4.0 11.9#





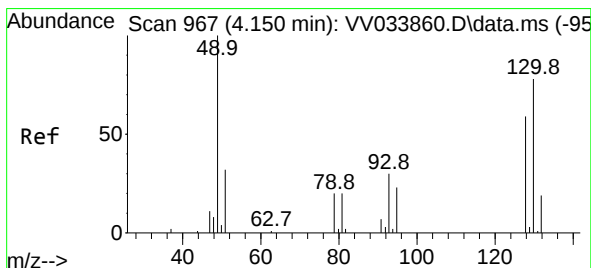
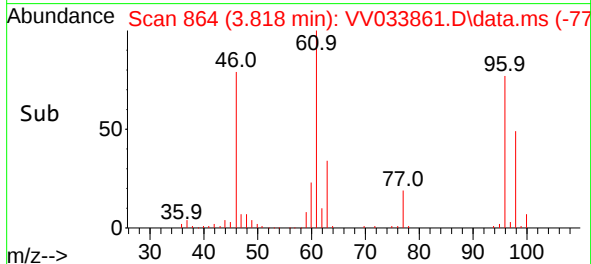
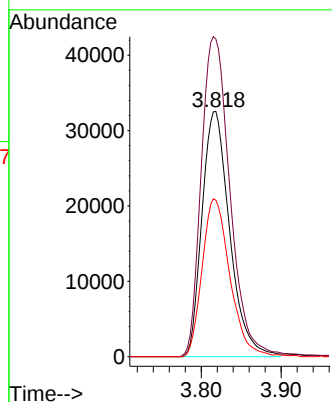
#22
 cis-1,2-Dichloroethene
 Concen: 9.131 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VV033861.D
 Acq: 25 Jan 2024 10:21

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 78252

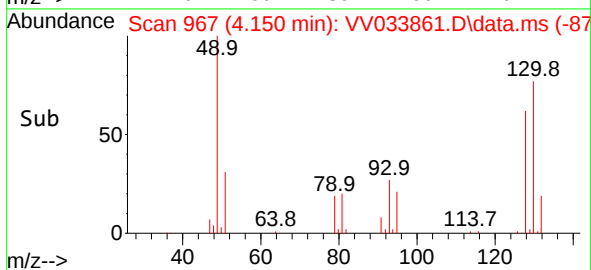
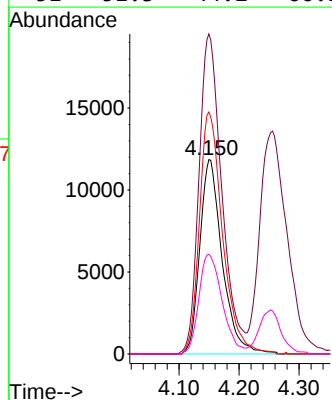
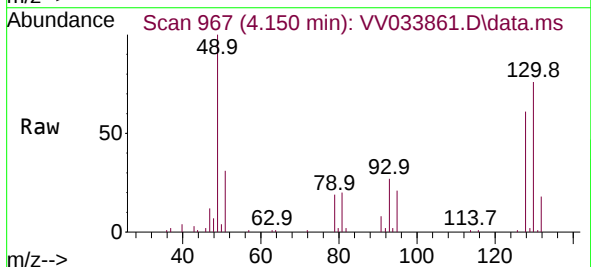
Ion	Ratio	Lower	Upper
96	100		
61	129.5	90.3	167.7
98	63.8	43.2	80.2

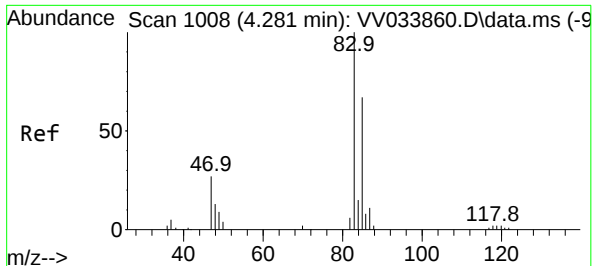


#23
 Bromochloromethane
 Concen: 9.829 ug/L
 RT: 4.150 min Scan# 967
 Delta R.T. -0.000 min
 Lab File: VV033861.D
 Acq: 25 Jan 2024 10:21

Tgt Ion: 128 Resp: 30821

Ion	Ratio	Lower	Upper
128	100		
49	164.6	120.5	223.7
130	124.4	93.4	173.4
51	51.3	44.2	66.2





#25

Chloroform

Concen: 9.383 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. -0.003 min

Lab File: VV033861.D

Acq: 25 Jan 2024 10:21

Instrument :

MSVOA_V

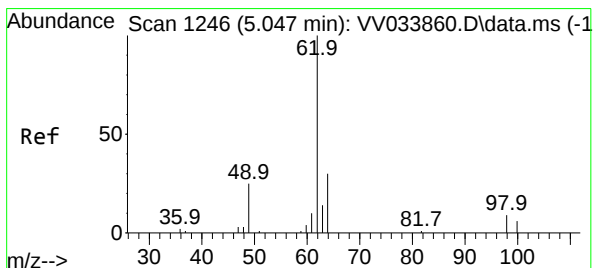
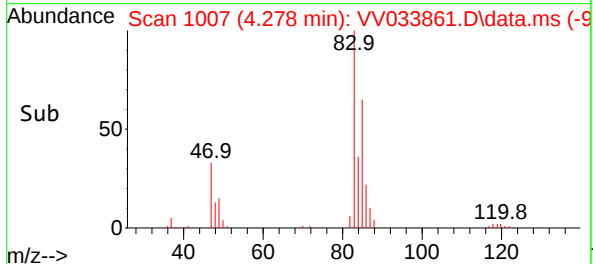
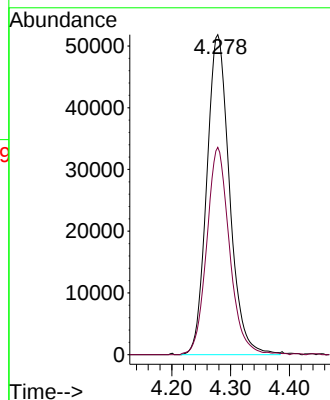
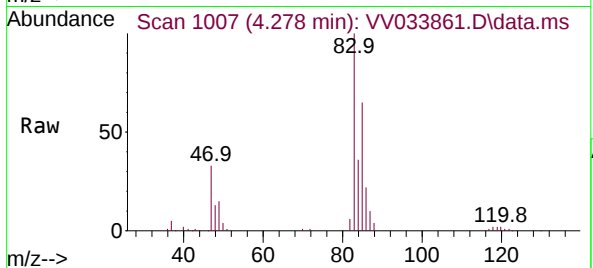
ClientSampleId :

Tgt Ion: 83 Resp: 139335

Ion Ratio Lower Upper

83 100

85 64.8 47.5 88.1



#27

1,2-Dichloroethane

Concen: 9.777 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VV033861.D

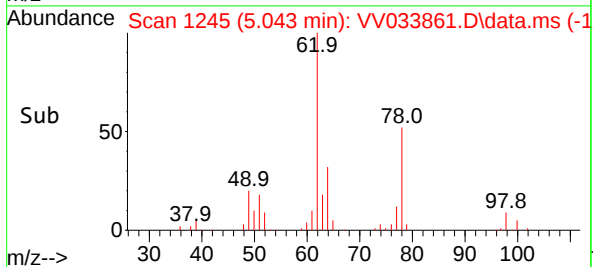
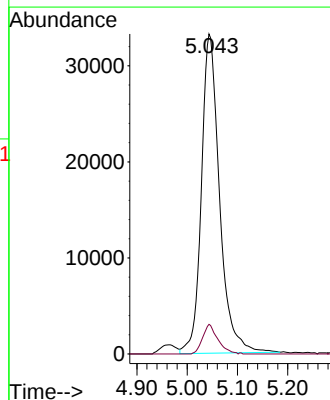
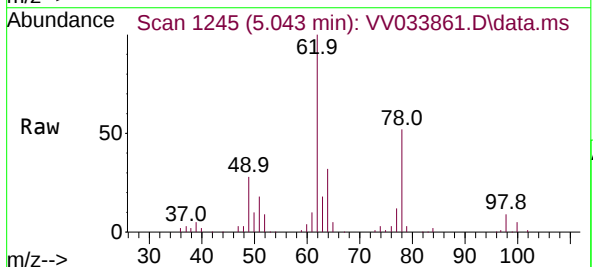
Acq: 25 Jan 2024 10:21

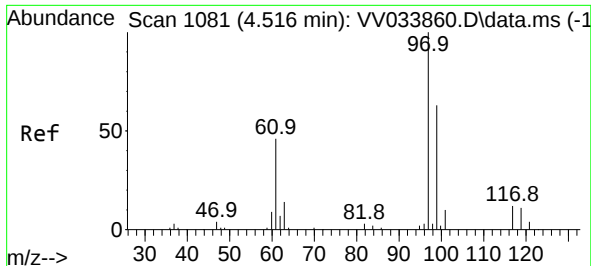
Tgt Ion: 62 Resp: 83468

Ion Ratio Lower Upper

62 100

98 9.3 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 9.928 ug/L

RT: 4.513 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV033861.D

Acq: 25 Jan 2024 10:21

Instrument :

MSVOA_V

ClientSampleId :

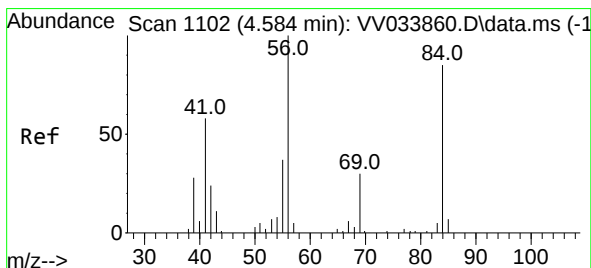
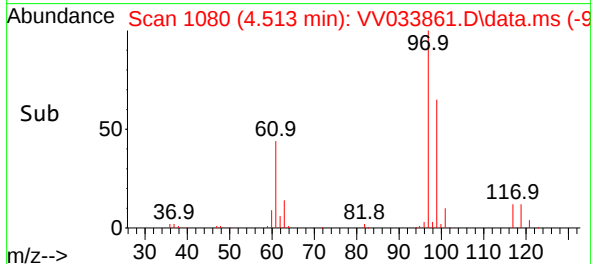
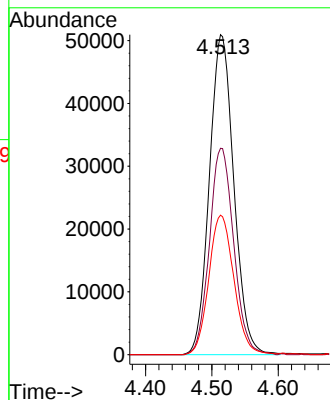
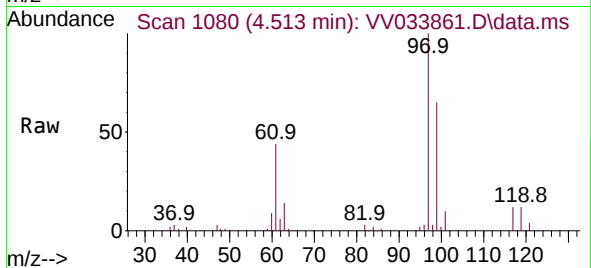
Tgt Ion: 97 Resp: 130505

Ion Ratio Lower Upper

97 100

99 64.1 50.6 75.8

61 44.8 36.8 55.2



#30

Cyclohexane

Concen: 8.209 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VV033861.D

Acq: 25 Jan 2024 10:21

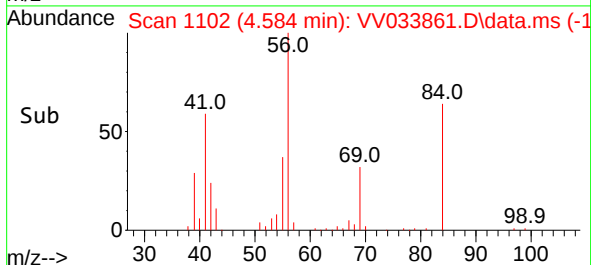
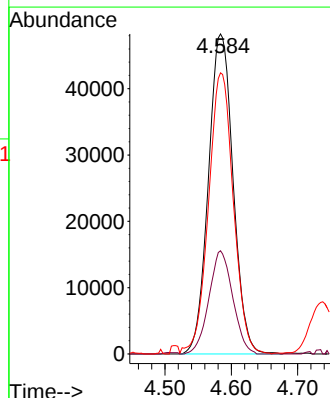
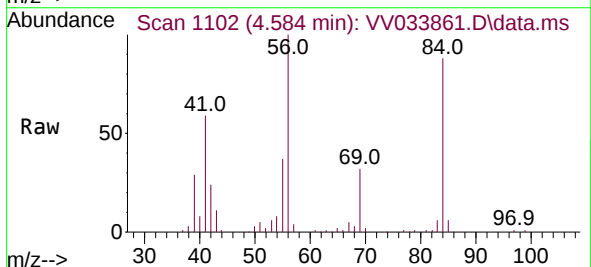
Tgt Ion: 56 Resp: 124825

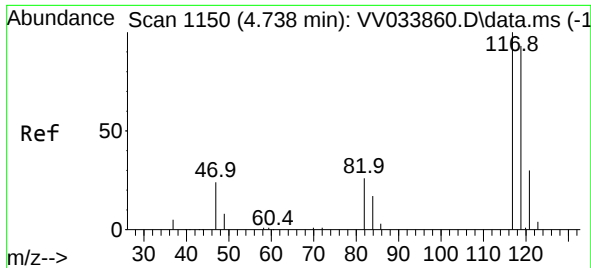
Ion Ratio Lower Upper

56 100

69 31.1 24.2 36.2

84 88.5 70.0 105.0

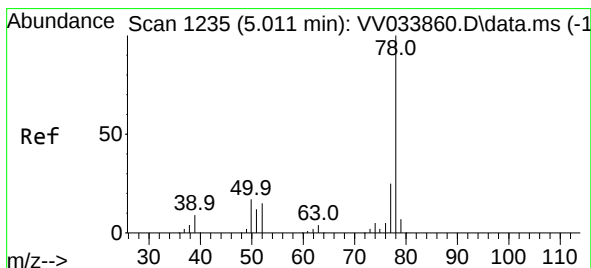
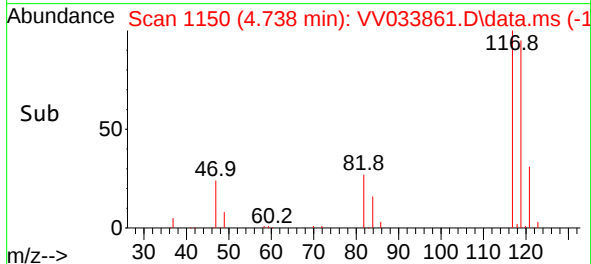
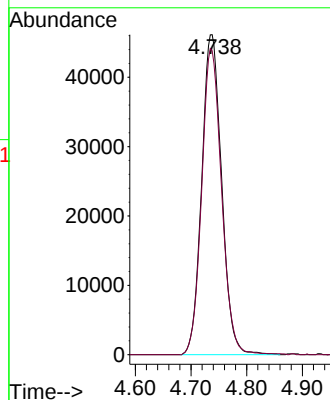
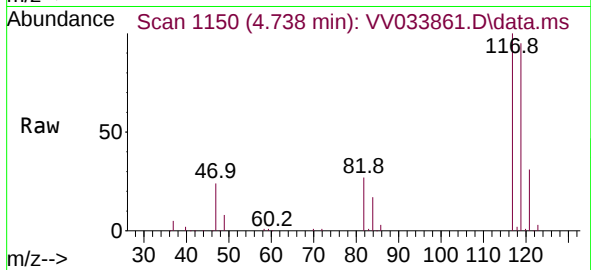




#31
Carbon tetrachloride
Concen: 10.161 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VV033861.D
Acq: 25 Jan 2024 10:21

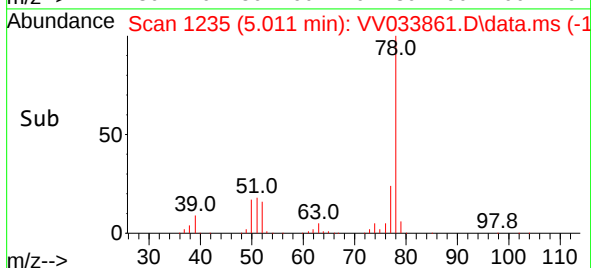
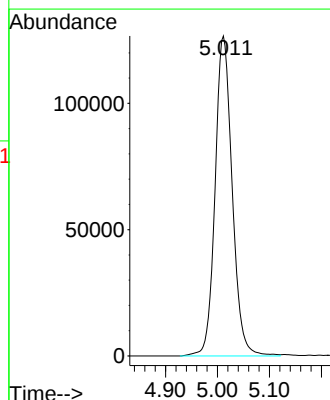
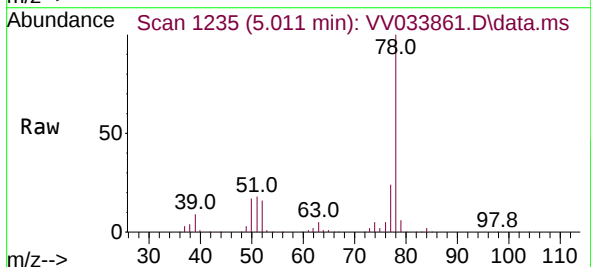
Instrument :
MSVOA_V
ClientSampleId :

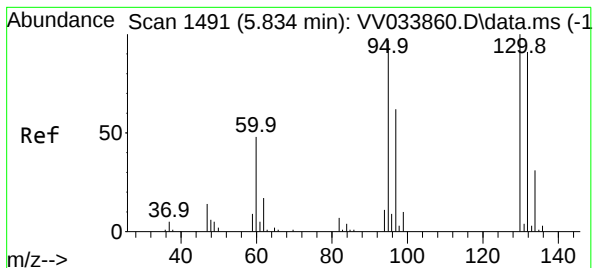
Tgt Ion:117 Resp: 114766
Ion Ratio Lower Upper
117 100
119 95.2 76.1 114.1



#33
Benzene
Concen: 9.004 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VV033861.D
Acq: 25 Jan 2024 10:21

Tgt Ion: 78 Resp: 289782





#34

Trichloroethene

Concen: 9.260 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VV033861.D

Acq: 25 Jan 2024 10:21

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 80111

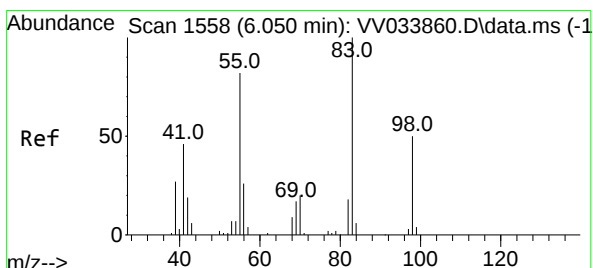
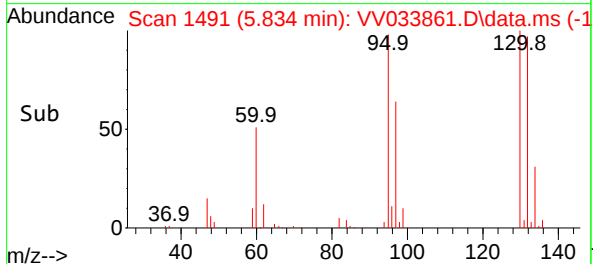
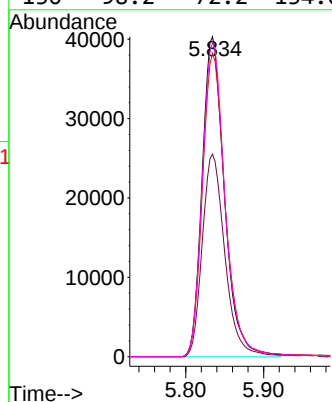
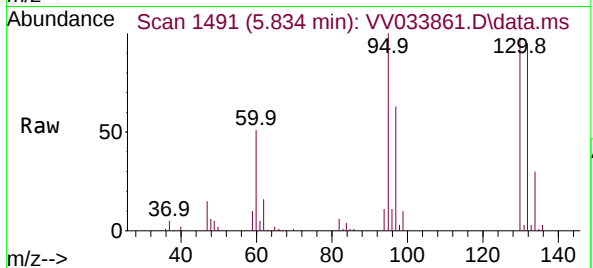
Ion Ratio Lower Upper

95 100

97 63.3 45.1 83.7

132 94.8 66.0 122.6

130 98.2 72.2 134.0



#35

Methylcyclohexane

Concen: 8.837 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.000 min

Lab File: VV033861.D

Acq: 25 Jan 2024 10:21

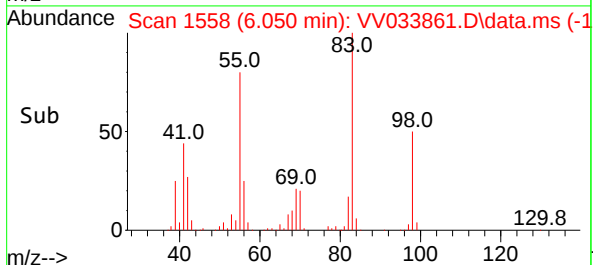
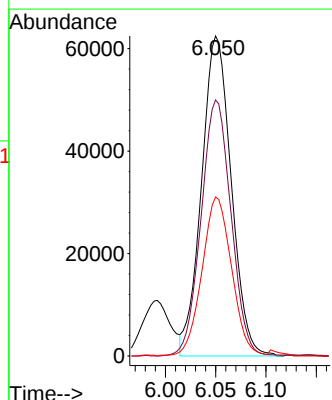
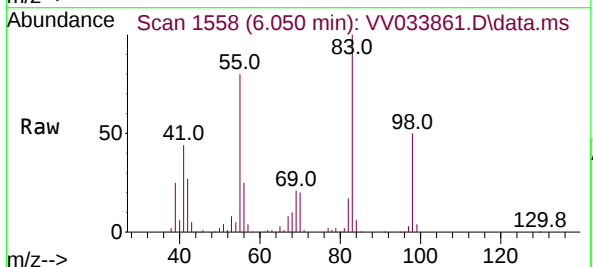
Tgt Ion: 83 Resp: 128137

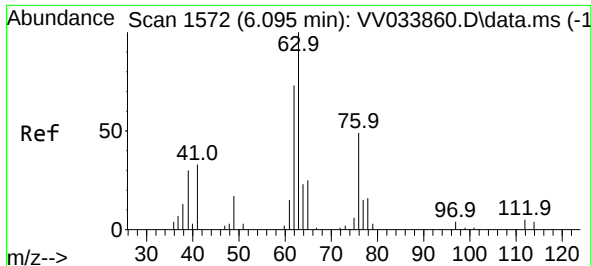
Ion Ratio Lower Upper

83 100

55 80.9 63.5 95.3

98 49.5 39.0 58.4





#37

1,2-Dichloropropane

Concen: 8.853 ug/L

RT: 6.095 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV033861.D

Acq: 25 Jan 2024 10:21

Instrument :

MSVOA_V

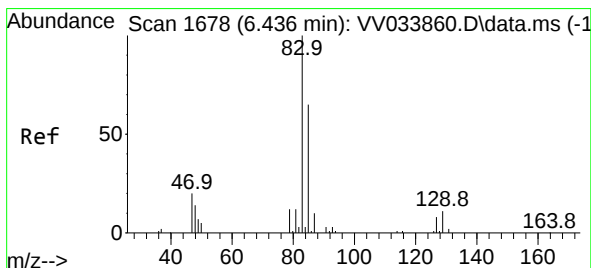
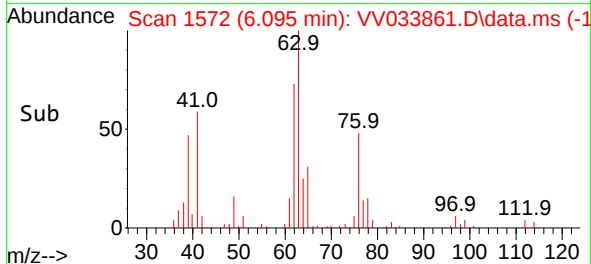
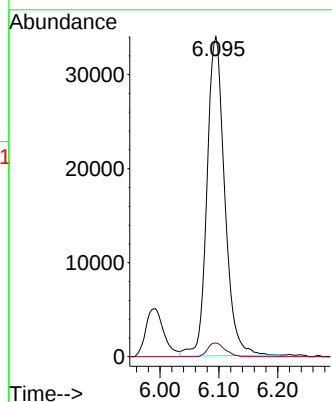
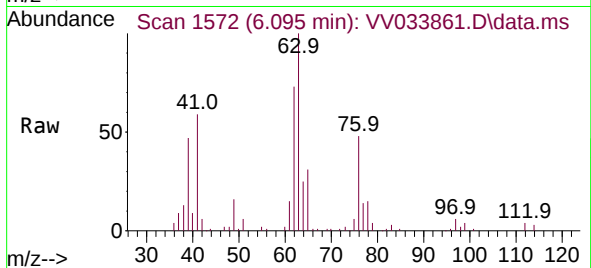
ClientSampleId :

Tgt Ion: 63 Resp: 71022

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.0



#38

Bromodichloromethane

Concen: 9.409 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. -0.003 min

Lab File: VV033861.D

Acq: 25 Jan 2024 10:21

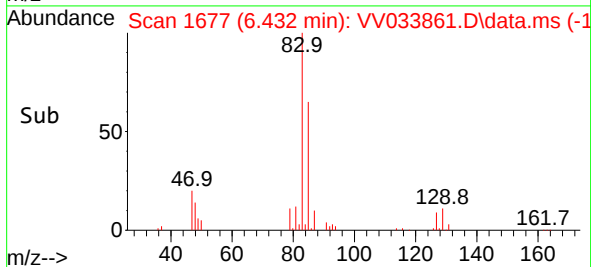
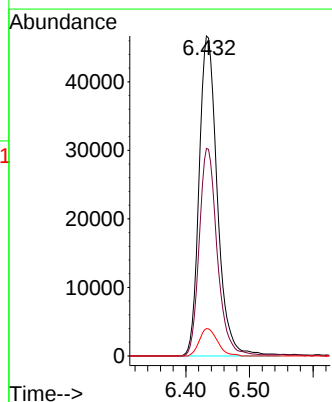
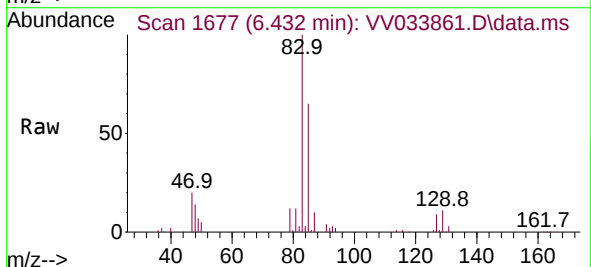
Tgt Ion: 83 Resp: 92799

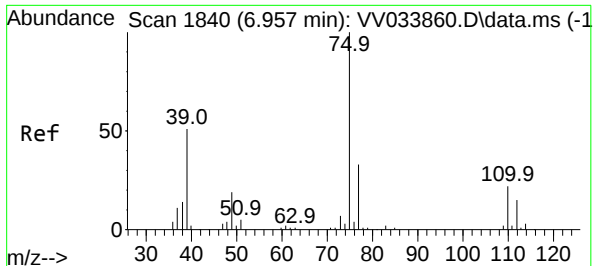
Ion Ratio Lower Upper

83 100

85 64.8 45.4 84.2

127 8.5 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 9.725 ug/L

RT: 6.953 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV033861.D

Acq: 25 Jan 2024 10:21

Instrument :

MSVOA_V

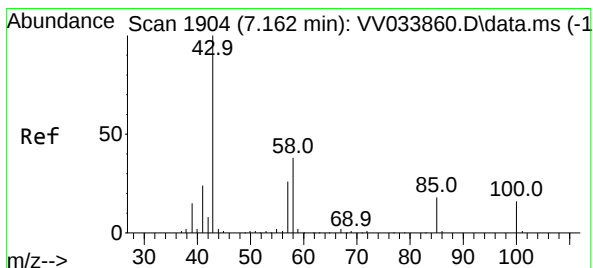
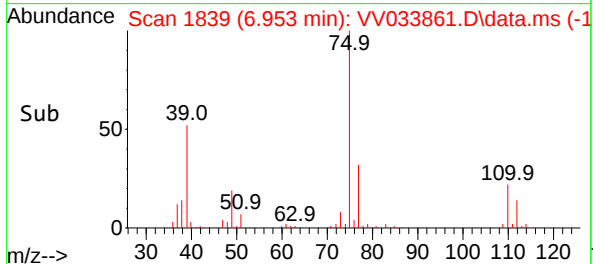
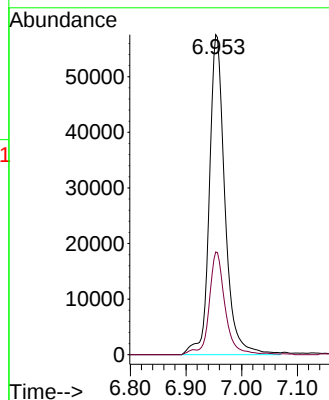
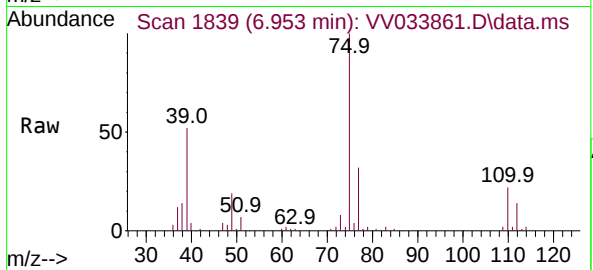
ClientSampleId :

Tgt Ion: 75 Resp: 111923

Ion Ratio Lower Upper

75 100

77 32.1 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 95.674 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.003 min

Lab File: VV033861.D

Acq: 25 Jan 2024 10:21

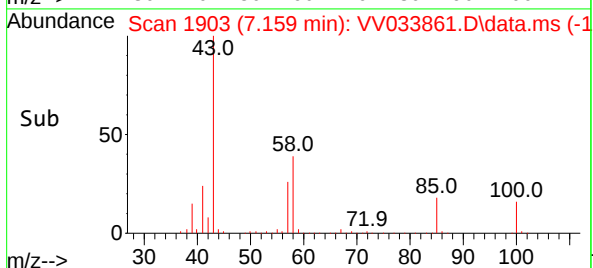
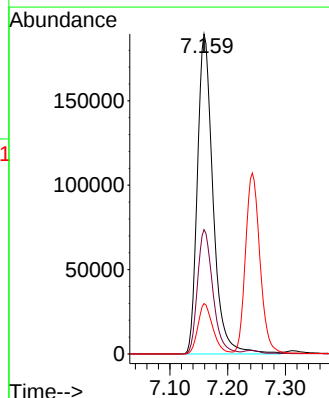
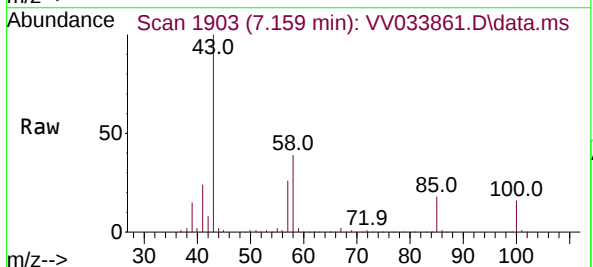
Tgt Ion: 43 Resp: 356732

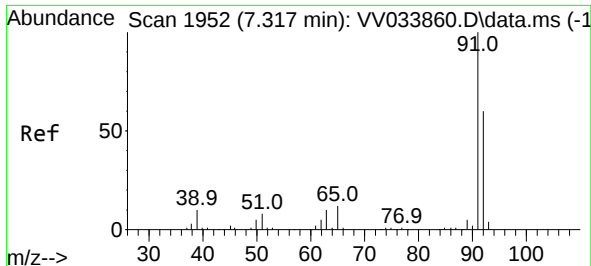
Ion Ratio Lower Upper

43 100

58 38.3 30.2 45.2

100 15.1 12.1 18.1





#42

Toluene

Concen: 9.229 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VV033861.D

Acq: 25 Jan 2024 10:21

Instrument :

MSVOA_V

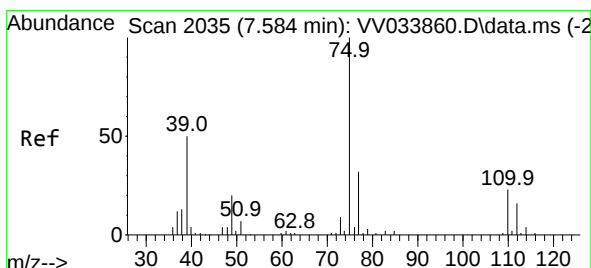
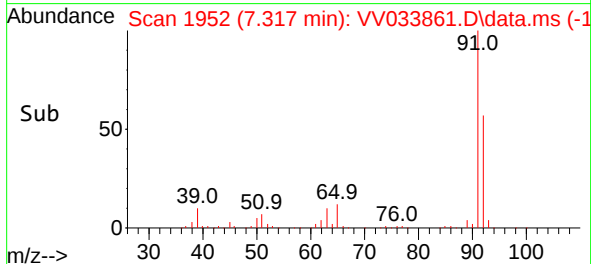
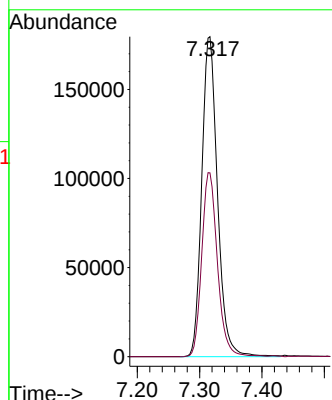
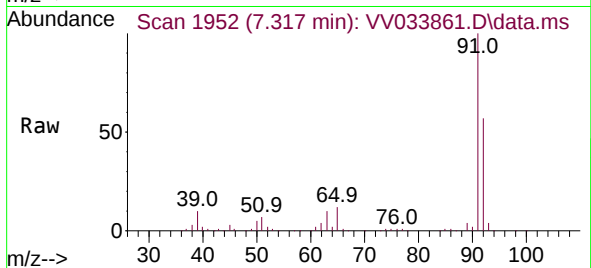
ClientSampleId :

Tgt Ion: 91 Resp: 314770

Ion Ratio Lower Upper

91 100

92 57.5 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 9.523 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.003 min

Lab File: VV033861.D

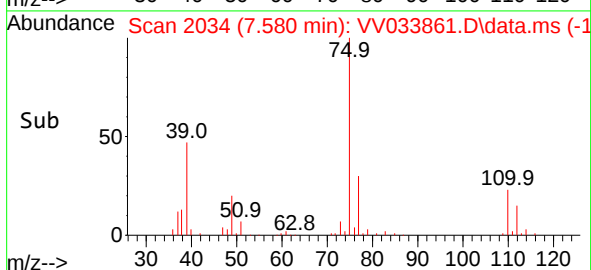
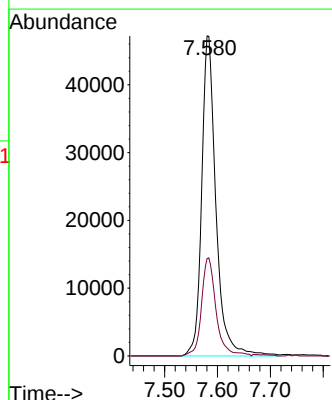
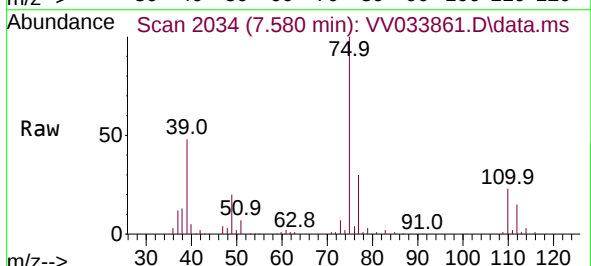
Acq: 25 Jan 2024 10:21

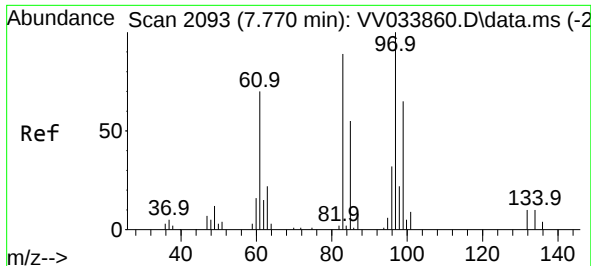
Tgt Ion: 75 Resp: 88413

Ion Ratio Lower Upper

75 100

77 30.5 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 9.706 ug/L

RT: 7.770 min Scan# 2093

Delta R.T. -0.000 min

Lab File: VV033861.D

Acq: 25 Jan 2024 10:21

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 43837

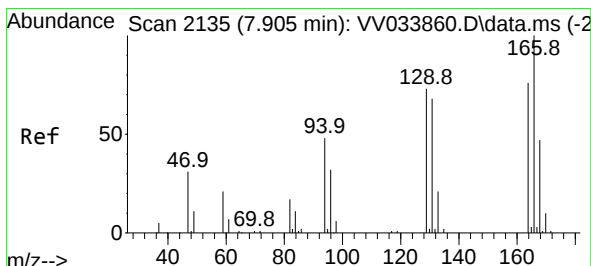
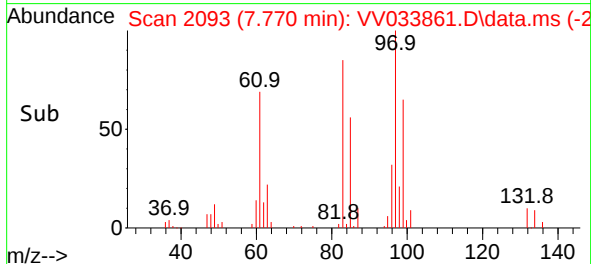
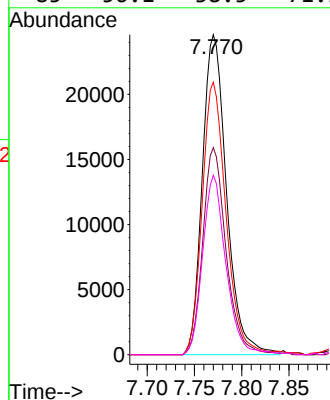
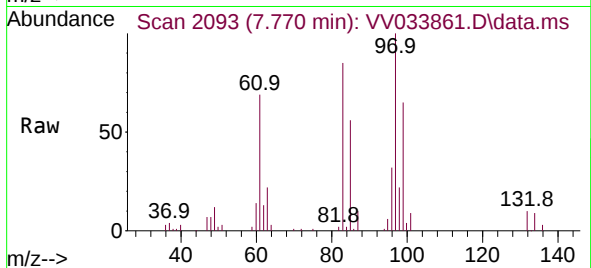
Ion Ratio Lower Upper

97 100

99 64.7 45.6 84.6

83 85.2 62.3 115.7

85 56.1 38.5 71.5



#47

Tetrachloroethene

Concen: 10.014 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VV033861.D

Acq: 25 Jan 2024 10:21

Tgt Ion:164 Resp: 63261

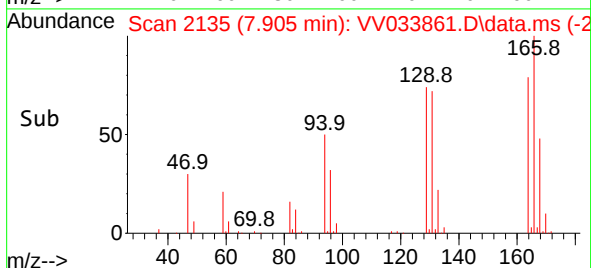
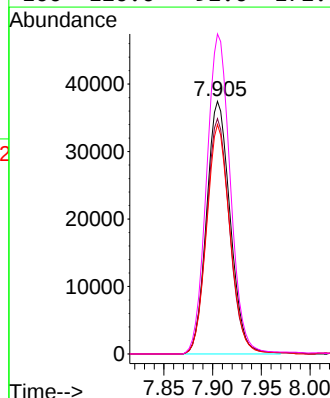
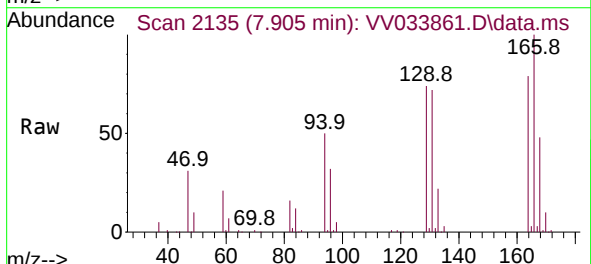
Ion Ratio Lower Upper

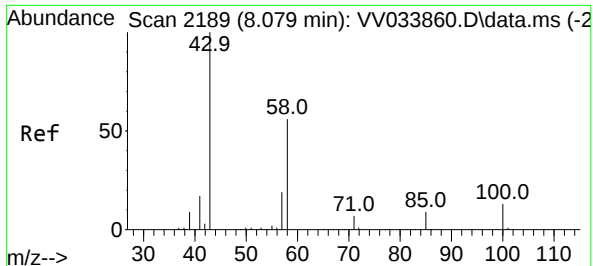
164 100

129 93.2 67.8 125.8

131 90.8 63.0 117.0

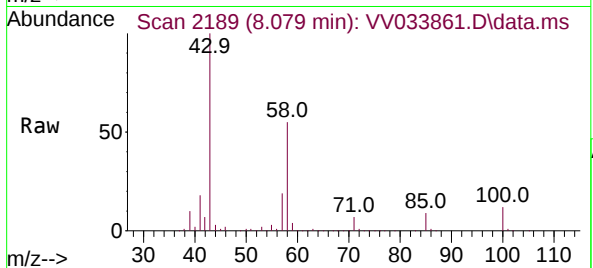
166 126.6 92.6 172.0



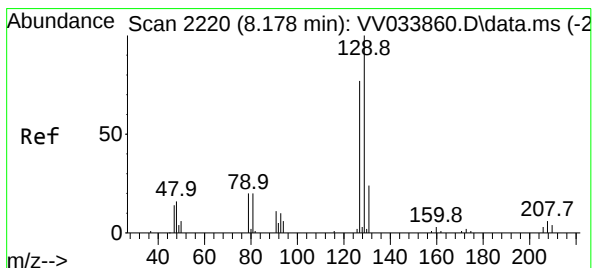
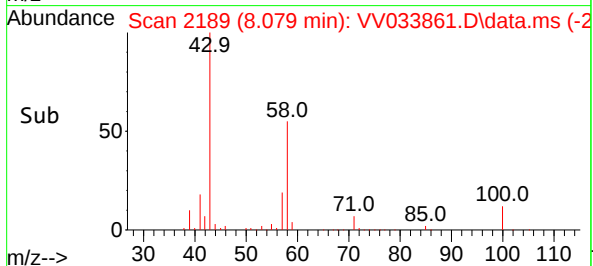
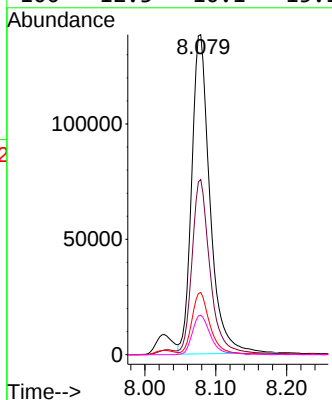


#48
2-Hexanone
Concen: 90.569 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV033861.D
Acq: 25 Jan 2024 10:21

Instrument :
MSVOA_V
ClientSampleId :

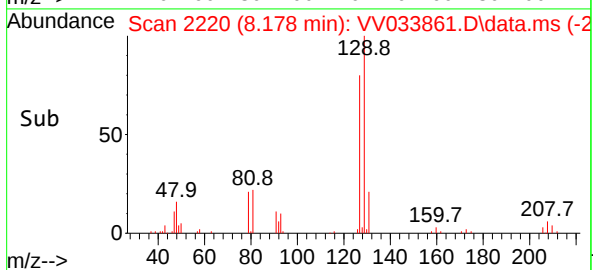
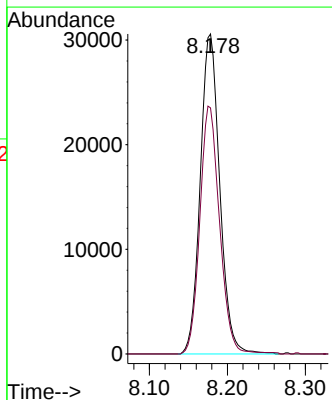
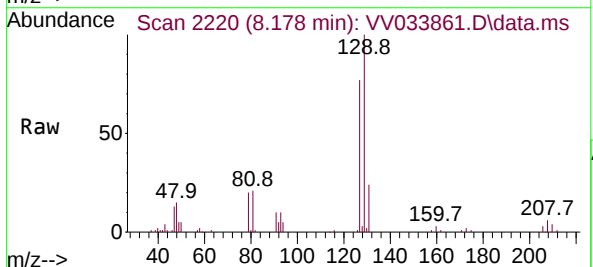


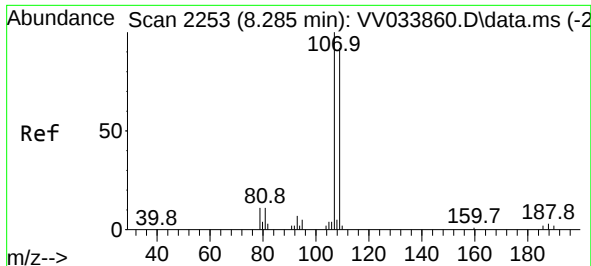
Tgt Ion:	43	Resp:	247920
Ion	Ratio	Lower	Upper
43	100		
58	53.9	42.6	64.0
57	18.6	15.5	23.3
100	12.3	10.1	15.1



#49
Dibromochloromethane
Concen: 9.481 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. -0.000 min
Lab File: VV033861.D
Acq: 25 Jan 2024 10:21

Tgt Ion:	129	Resp:	53152
Ion	Ratio	Lower	Upper
129	100		
127	76.9	53.5	99.5

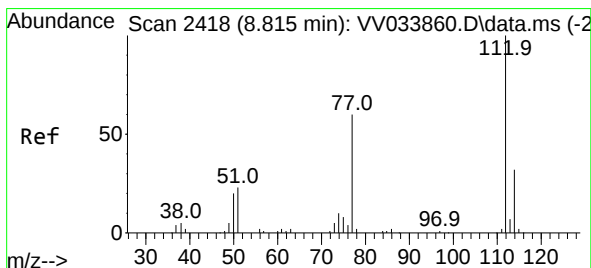
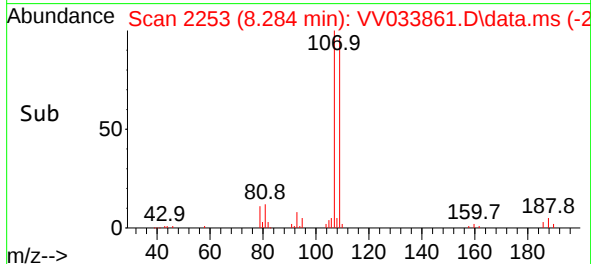
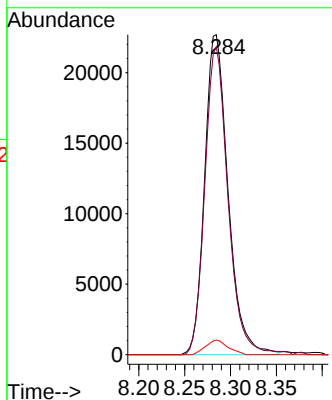
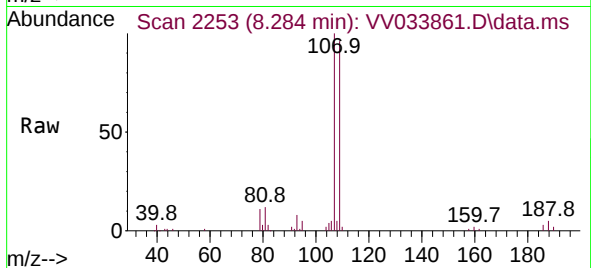




#50
1,2-Dibromoethane
Concen: 9.690 ug/L
RT: 8.284 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033861.D
Acq: 25 Jan 2024 10:21

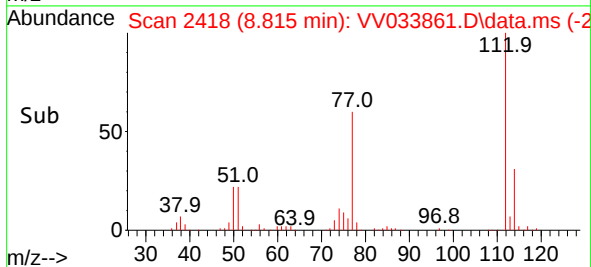
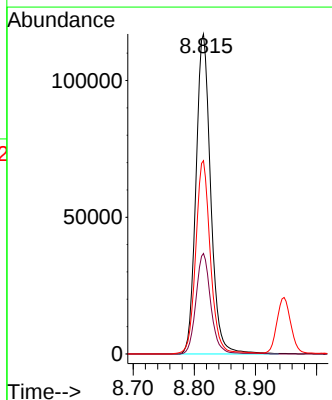
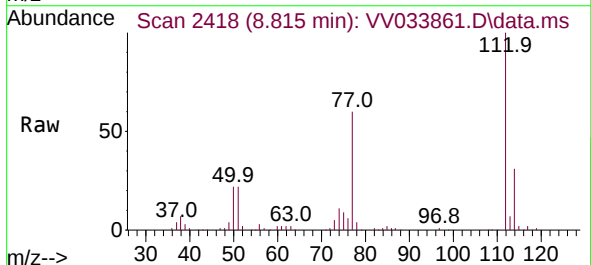
Instrument :
MSVOA_V
ClientSampleId :

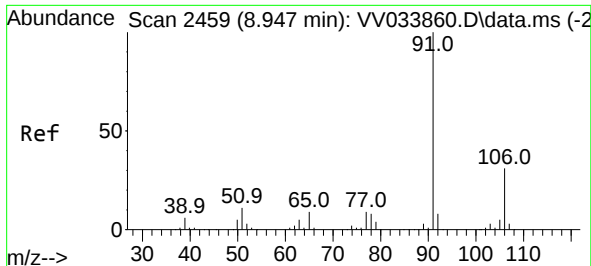
Tgt Ion:107 Resp: 40448
Ion Ratio Lower Upper
107 100
109 96.2 64.5 119.9
188 4.6 2.6 4.0#



#51
Chlorobenzene
Concen: 9.277 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. -0.000 min
Lab File: VV033861.D
Acq: 25 Jan 2024 10:21

Tgt Ion:112 Resp: 195485
Ion Ratio Lower Upper
112 100
114 31.4 22.5 41.7
77 60.4 48.1 72.1

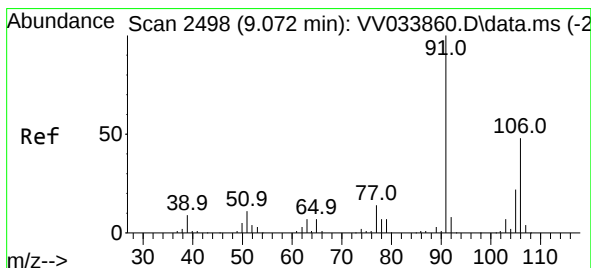
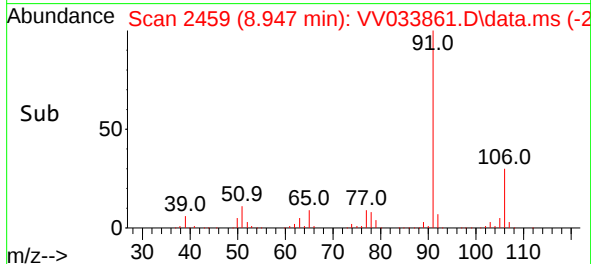
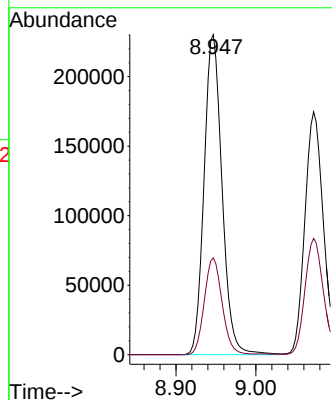
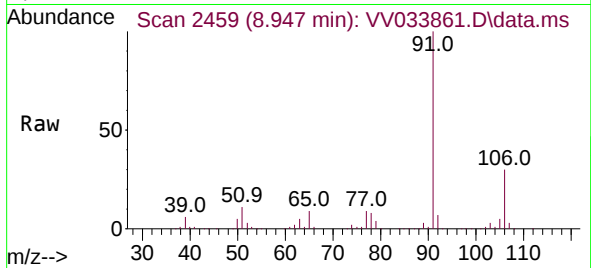




#52
Ethylbenzene
Concen: 9.097 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VV033861.D
Acq: 25 Jan 2024 10:21

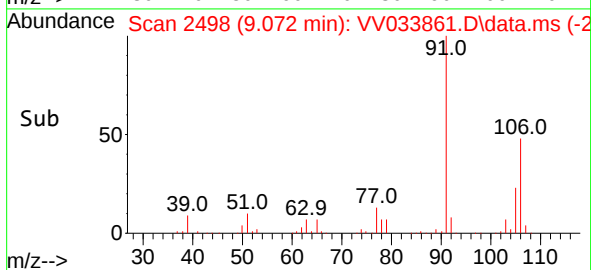
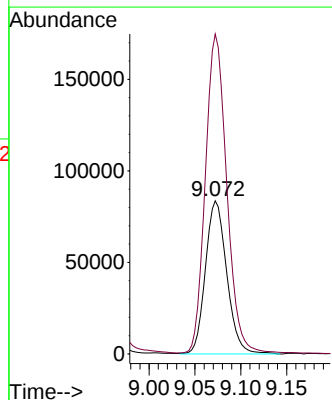
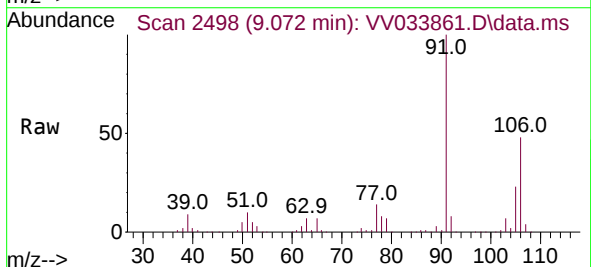
Instrument :
MSVOA_V
ClientSampleId :

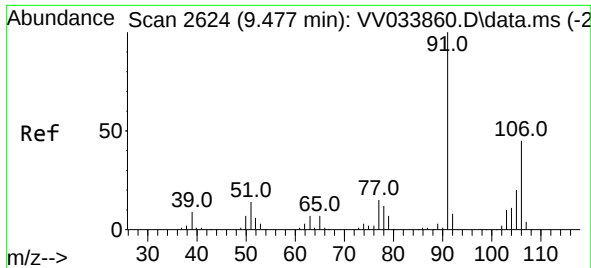
Tgt Ion: 91 Resp: 360146
Ion Ratio Lower Upper
91 100
106 30.3 21.4 39.8



#53
m,p-Xylene
Concen: 9.247 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV033861.D
Acq: 25 Jan 2024 10:21

Tgt Ion: 106 Resp: 135342
Ion Ratio Lower Upper
106 100
91 208.9 147.5 273.9

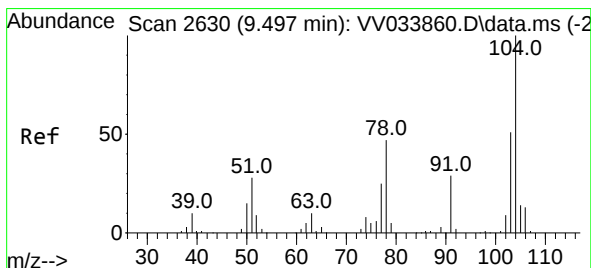
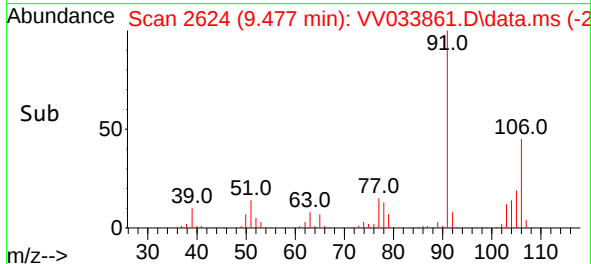
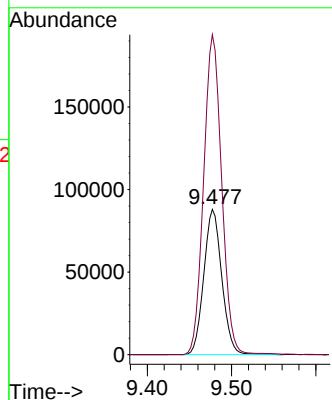
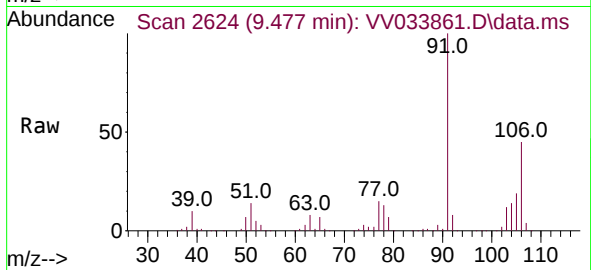




#54
o-Xylene
Concen: 9.224 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV033861.D
Acq: 25 Jan 2024 10:21

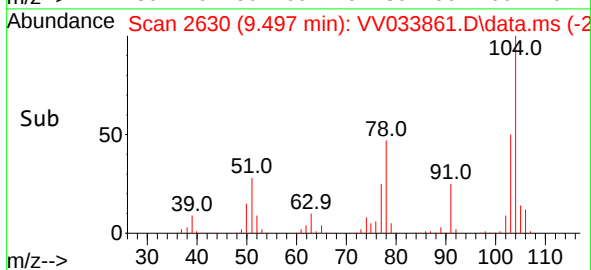
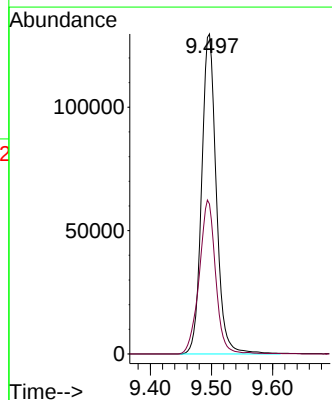
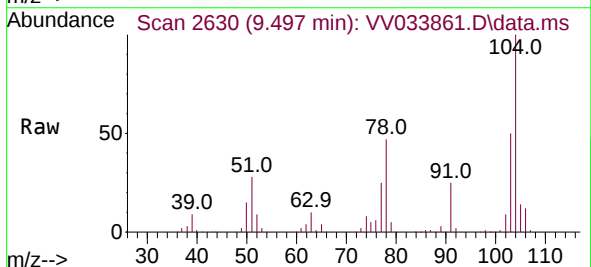
Instrument :
MSVOA_V
ClientSampleId :

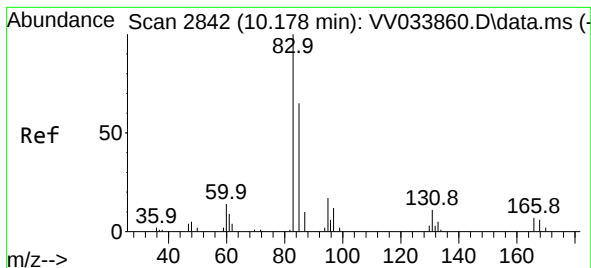
Tgt Ion:106 Resp: 131043
Ion Ratio Lower Upper
106 100
91 220.1 156.2 290.0



#55
Styrene
Concen: 9.486 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV033861.D
Acq: 25 Jan 2024 10:21

Tgt Ion:104 Resp: 216152
Ion Ratio Lower Upper
104 100
78 46.8 32.9 61.1

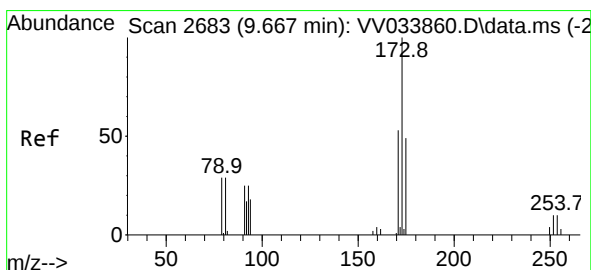
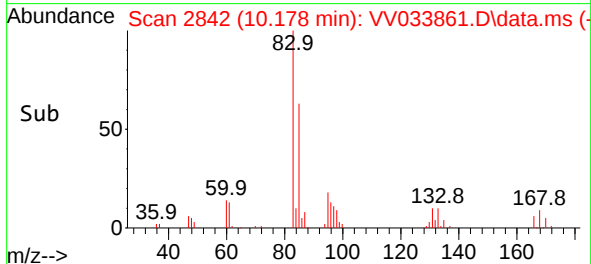
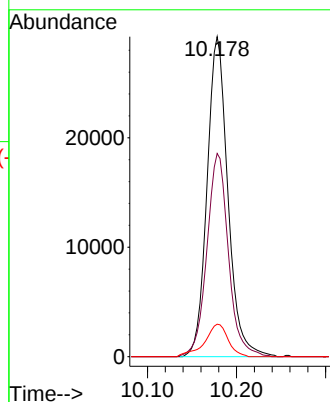
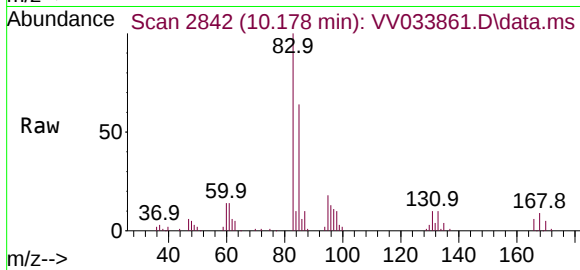




#57
 1,1,2,2-Tetrachloroethane
 Concen: 9.552 ug/L
 RT: 10.178 min Scan# 2842
 Delta R.T. -0.000 min
 Lab File: VV033861.D
 Acq: 25 Jan 2024 10:21

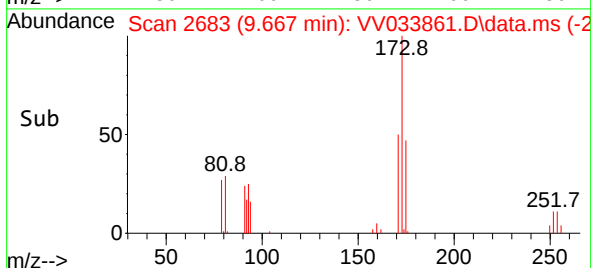
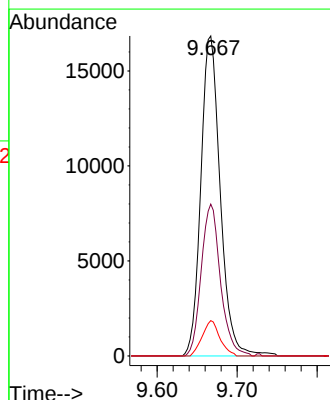
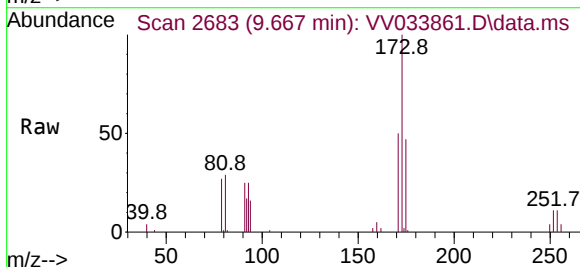
Instrument :
 MSVOA_V
 ClientSampleId :

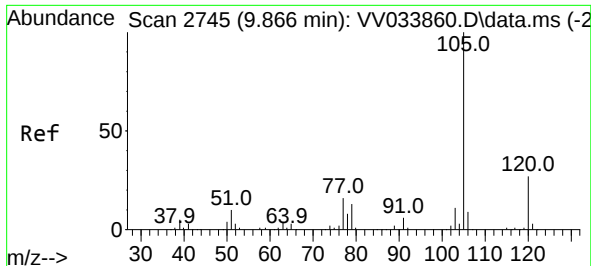
Tgt Ion: 83 Resp: 47463
 Ion Ratio Lower Upper
 83 100
 85 63.5 46.5 86.3
 131 10.1 8.4 12.6



#59
 Bromoform
 Concen: 9.607 ug/L
 RT: 9.667 min Scan# 2683
 Delta R.T. -0.000 min
 Lab File: VV033861.D
 Acq: 25 Jan 2024 10:21

Tgt Ion: 173 Resp: 28510
 Ion Ratio Lower Upper
 173 100
 175 46.9 38.6 57.8
 254 10.0 7.2 10.8

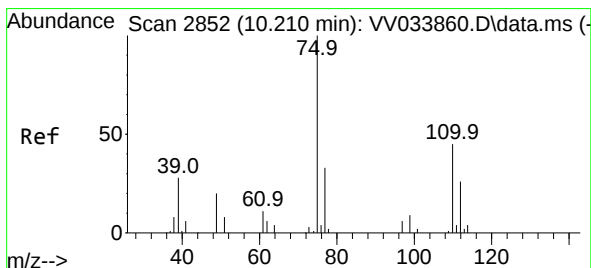
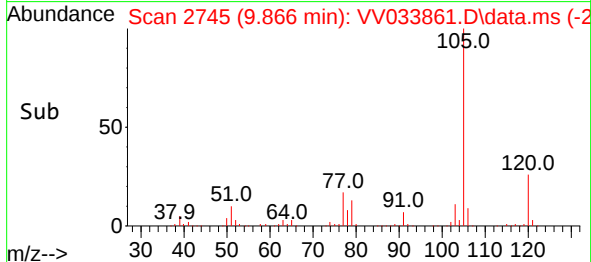
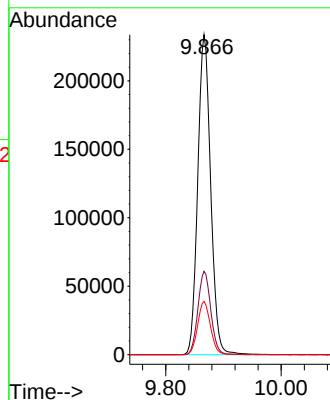
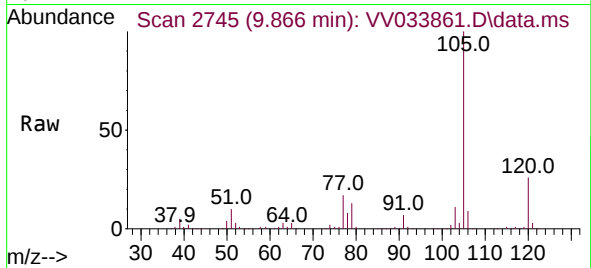




#60
Isopropylbenzene
Concen: 9.268 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033861.D
Acq: 25 Jan 2024 10:21

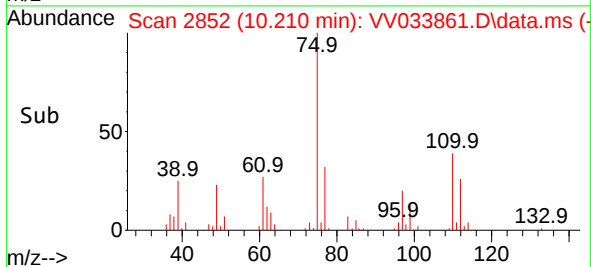
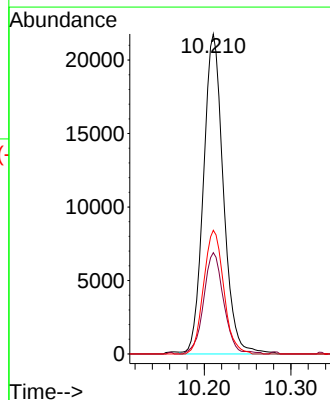
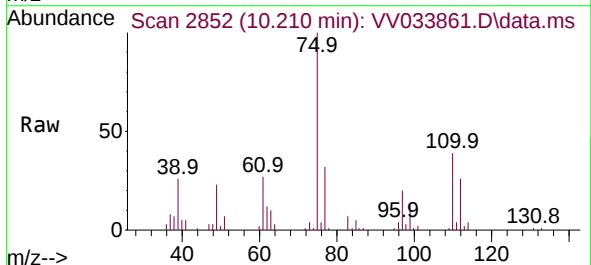
Instrument :
MSVOA_V
ClientSampleId :

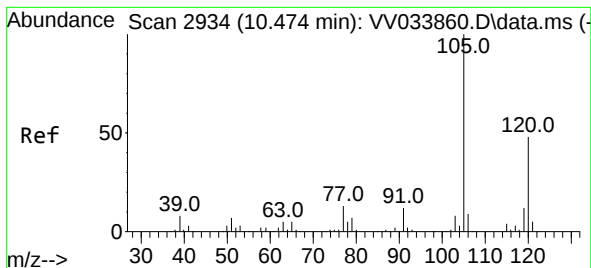
Tgt Ion:105 Resp: 362456
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 16.5 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 8.930 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV033861.D
Acq: 25 Jan 2024 10:21

Tgt Ion: 75 Resp: 34795
Ion Ratio Lower Upper
75 100
77 31.8 26.9 40.3
110 38.8 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 9.144 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV033861.D

Acq: 25 Jan 2024 10:21

Instrument :

MSVOA_V

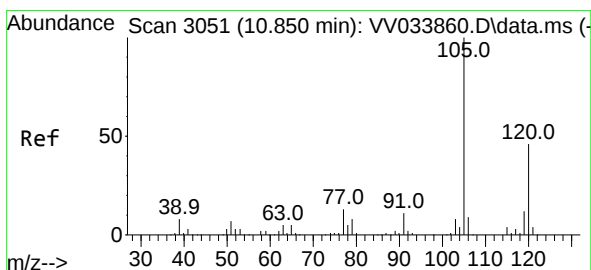
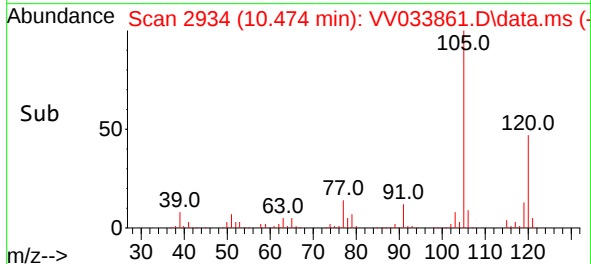
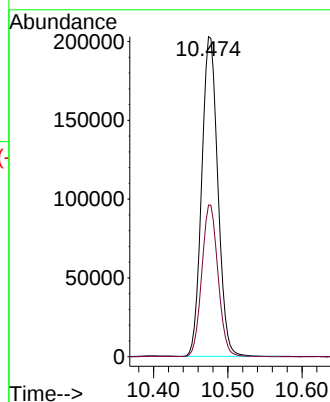
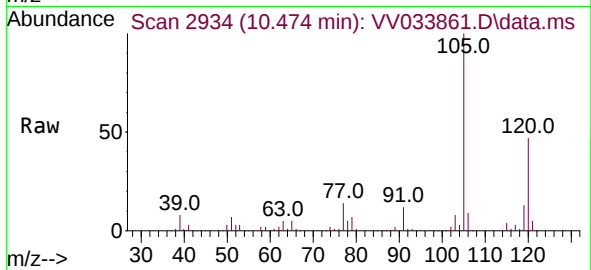
ClientSampleId :

Tgt Ion:105 Resp: 305981

Ion Ratio Lower Upper

105 100

120 47.8 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 9.029 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV033861.D

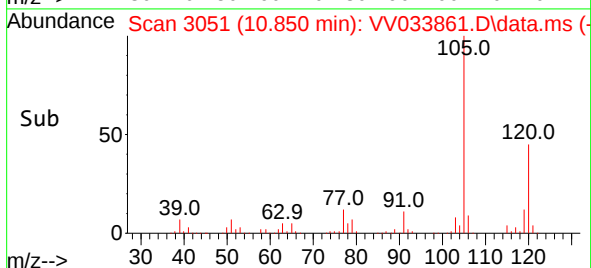
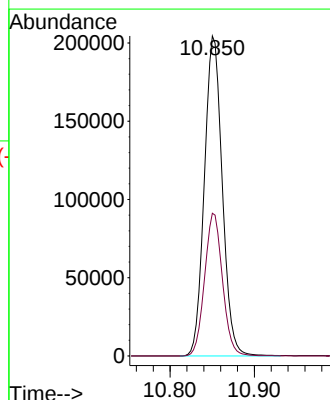
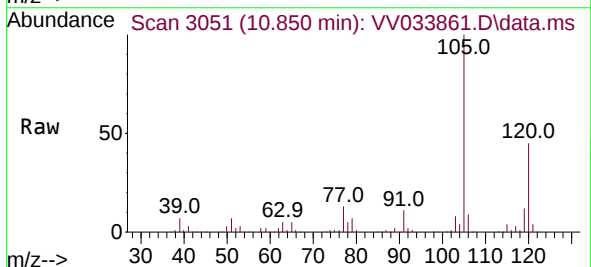
Acq: 25 Jan 2024 10:21

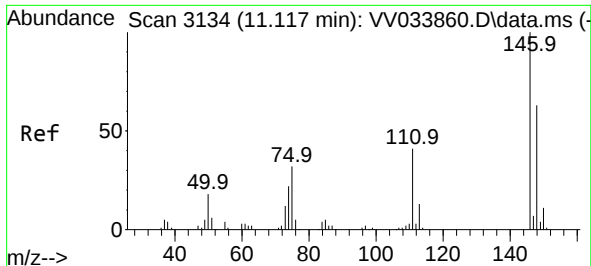
Tgt Ion:105 Resp: 303054

Ion Ratio Lower Upper

105 100

120 44.5 36.2 54.2

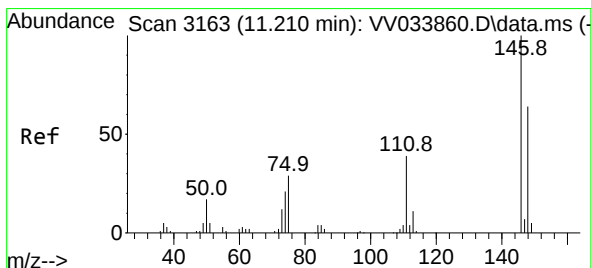
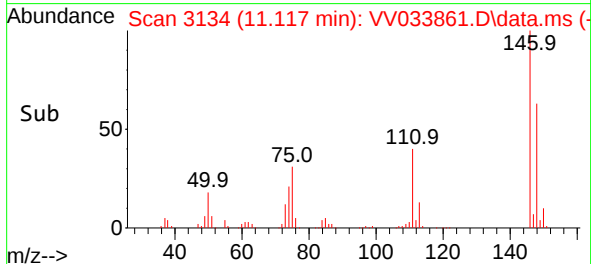
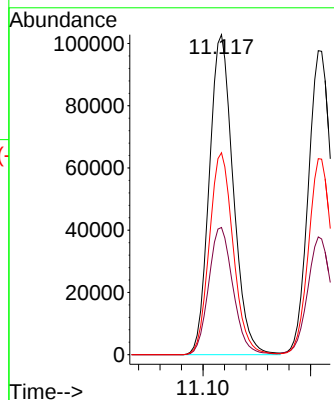
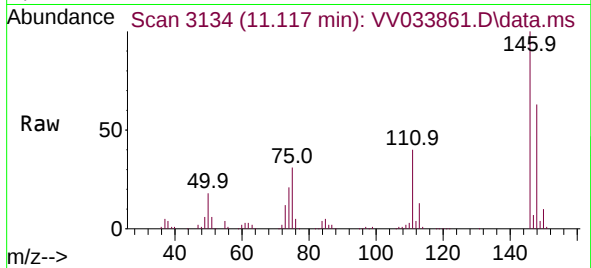




#64
1,3-Dichlorobenzene
Concen: 9.236 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV033861.D
Acq: 25 Jan 2024 10:21

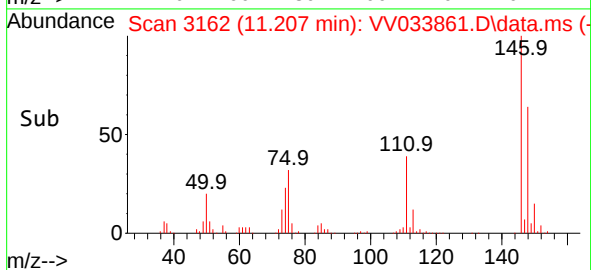
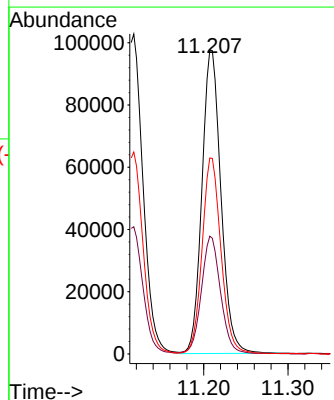
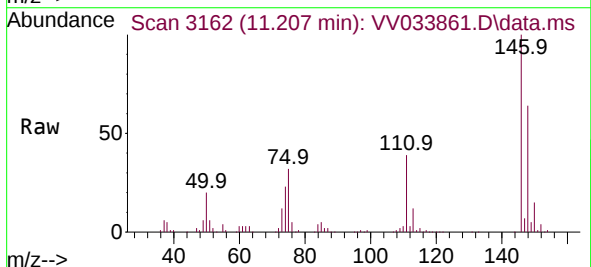
Instrument :
MSVOA_V
ClientSampleId :

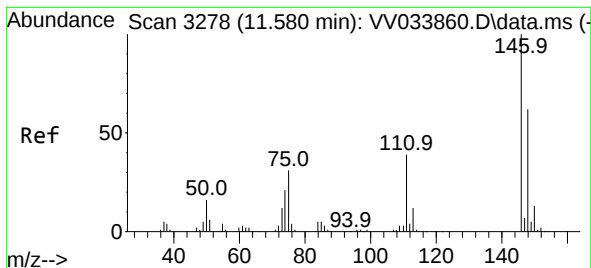
Tgt Ion:146 Resp: 158660
Ion Ratio Lower Upper
146 100
111 39.7 28.5 52.9
148 63.1 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 9.091 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. -0.003 min
Lab File: VV033861.D
Acq: 25 Jan 2024 10:21

Tgt Ion:146 Resp: 153595
Ion Ratio Lower Upper
146 100
111 38.7 27.6 51.4
148 64.5 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 9.146 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033861.D

Acq: 25 Jan 2024 10:21

Instrument :

MSVOA_V

ClientSampleId :

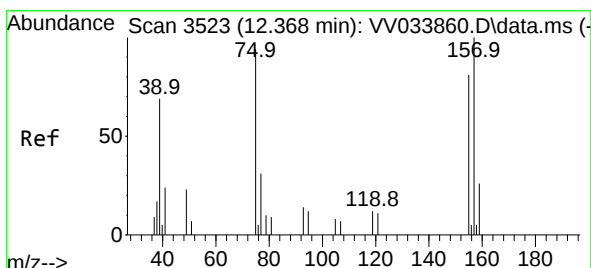
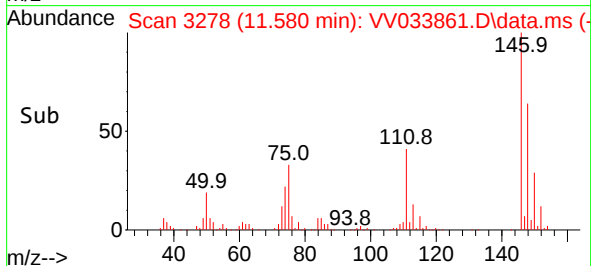
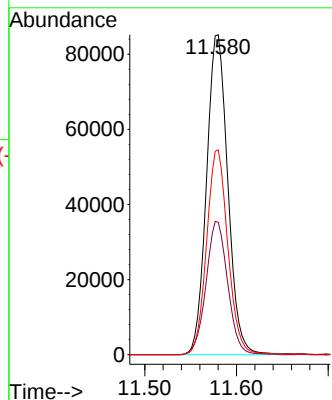
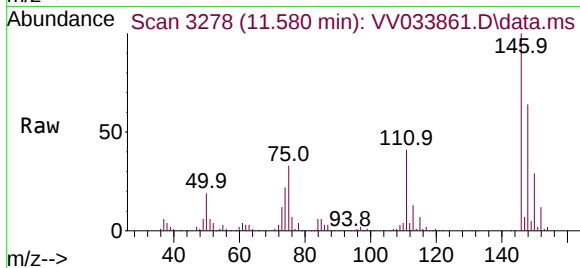
Tgt Ion:146 Resp: 137319

Ion Ratio Lower Upper

146 100

111 41.4 31.2 46.8

148 64.0 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 9.482 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.003 min

Lab File: VV033861.D

Acq: 25 Jan 2024 10:21

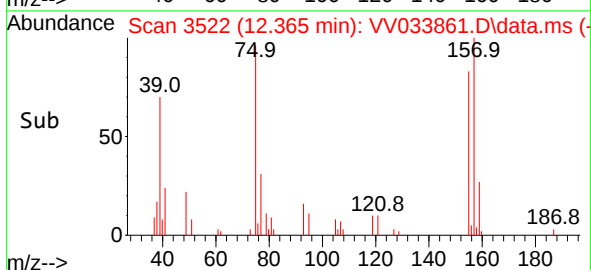
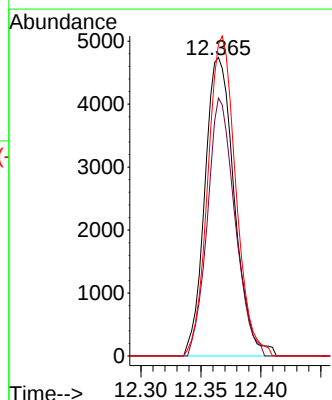
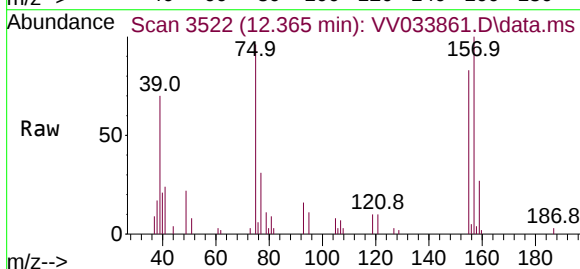
Tgt Ion: 75 Resp: 8116

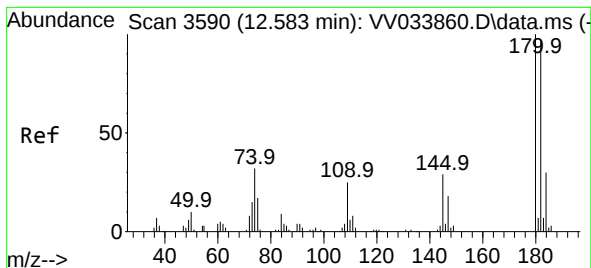
Ion Ratio Lower Upper

75 100

155 86.4 68.9 103.3

157 104.4 84.6 127.0





#69

1,3,5-Trichlorobenzene

Concen: 9.402 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. -0.000 min

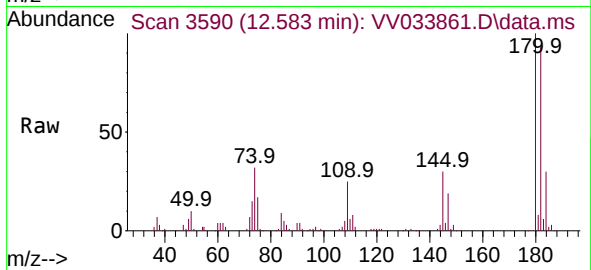
Lab File: VV033861.D

Acq: 25 Jan 2024 10:21

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 126101

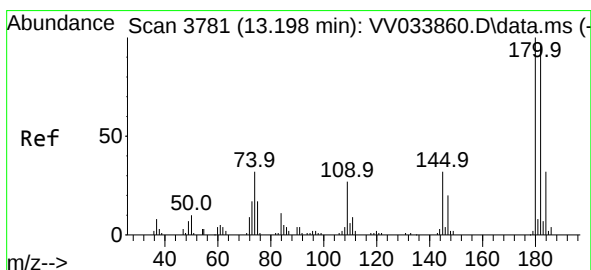
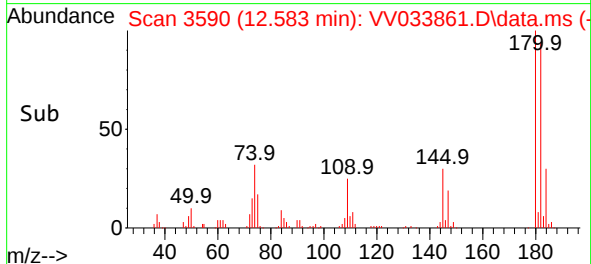
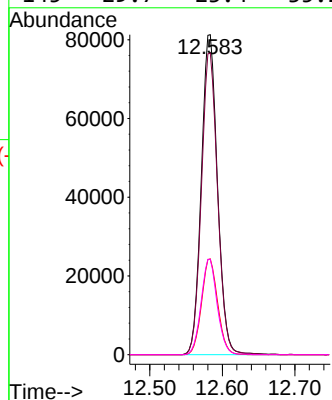
Ion Ratio Lower Upper

180 100

182 94.4 77.0 115.4

184 29.7 23.8 35.6

145 29.7 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 9.005 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV033861.D

Acq: 25 Jan 2024 10:21

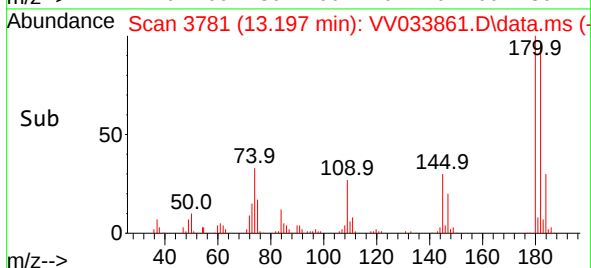
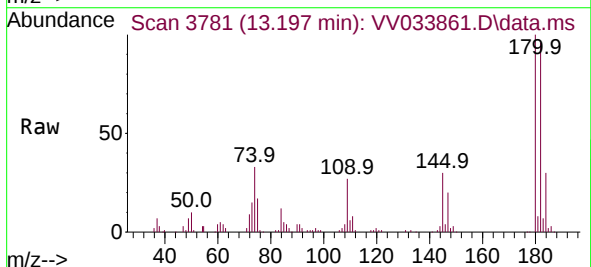
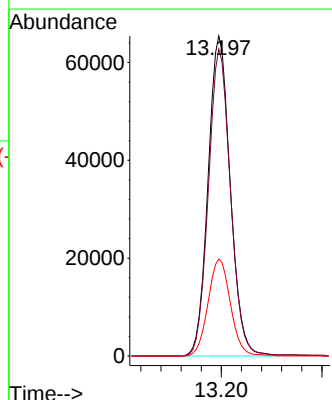
Tgt Ion:180 Resp: 100019

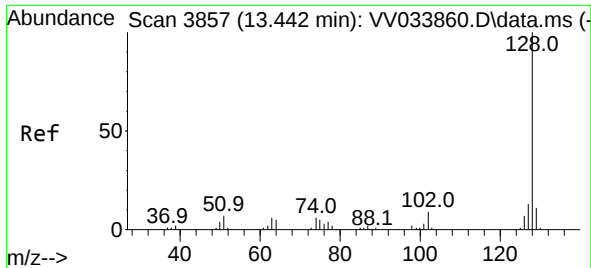
Ion Ratio Lower Upper

180 100

182 95.5 76.8 115.2

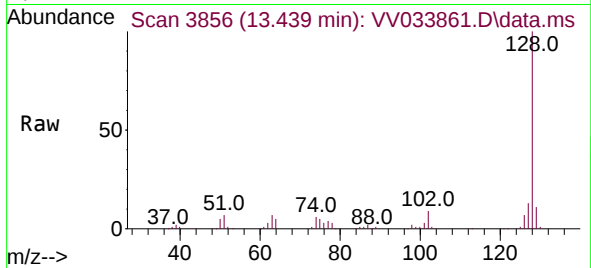
145 30.6 24.8 37.2



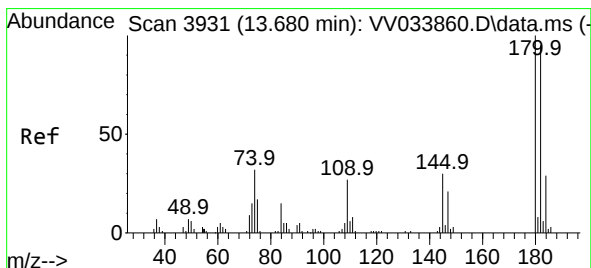
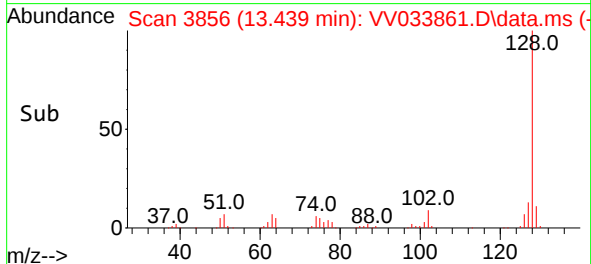
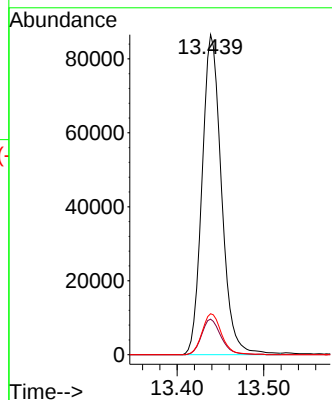


#71
Naphthalene
Concen: 7.205 ug/L
RT: 13.439 min Scan# 3856
Delta R.T. -0.003 min
Lab File: VV033861.D
Acq: 25 Jan 2024 10:21

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 134864
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 12.8 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 9.081 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. -0.000 min
Lab File: VV033861.D
Acq: 25 Jan 2024 10:21

Tgt Ion:180 Resp: 82043
Ion Ratio Lower Upper
180 100
182 95.1 75.0 112.6
145 31.8 25.2 37.8

