

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012524\
 Data File : VW033860.D
 Acq On : 25 Jan 2024 09:57
 Operator : SY/MD
 Sample : VSTD005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 25 20:55:11 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	102925	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	95680	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	47926	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	42477	6.834	ug/L	0.00
7) Chloroethane-d5	1.536	69	37895	6.869	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	20081	7.071	ug/L	0.00
20) 2-Butanone-d5	3.828	46	75966	53.798	ug/L	0.00
24) Chloroform-d	4.253	84	79886	6.172	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	37731	6.408	ug/L	0.00
32) Benzene-d6	4.963	84	155729	6.295	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	43363	5.442	ug/L	0.00
41) Toluene-d8	7.243	98	143360	6.438	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	16597	5.895	ug/L	0.00
46) 2-Hexanone-d5	8.027	63	62189	57.074	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.153	84	26975	5.739	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	46156	5.913	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	47626	5.072	ug/L	100
3) Chloromethane	1.217	50	50095	4.549	ug/L	100
5) Vinyl chloride	1.285	62	50075	4.723	ug/L	100
6) Bromomethane	1.491	94	24595	4.650	ug/L	100
8) Chloroethane	1.552	64	31107	4.808	ug/L	100
9) Trichlorofluoromethane	1.716	101	72133	5.438	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	37459	5.120	ug/L	100
12) 1,1-Dichloroethene	2.073	96	36551	5.000	ug/L	100
13) Acetone	2.391	43	10106	9.067	ug/L	83
14) Carbon disulfide	2.243	76	118810	4.519	ug/L	100
15) Methyl Acetate	2.391	43	11473	4.449	ug/L	100
16) Methylene chloride	2.449	84	35084	4.209	ug/L	100
17) Methyl tert-butyl Ether	2.709	73	78114	4.789	ug/L	100
18) trans-1,2-Dichloroethene	2.696	96	37390	4.631	ug/L	100
19) 1,1-Dichloroethane	3.114	63	70957	4.473	ug/L	100
21) 2-Butanone	3.909	43	66586	43.305	ug/L	100
22) cis-1,2-Dichloroethene	3.818	96	41053	4.821	ug/L	100
23) Bromochloromethane	4.150	128	15332	4.921	ug/L	100
25) Chloroform	4.281	83	70154	4.755	ug/L	100
27) 1,2-Dichloroethane	5.047	62	41021	4.836	ug/L	100
29) 1,1,1-Trichloroethane	4.516	97	65289	4.836	ug/L	100
30) Cyclohexane	4.584	56	64305	4.118	ug/L	100
31) Carbon tetrachloride	4.738	117	57908	4.992	ug/L	100
33) Benzene	5.011	78	147622	4.467	ug/L	100
34) Trichloroethene	5.834	95	40394	4.547	ug/L	100
35) Methylcyclohexane	6.050	83	65626	4.407	ug/L	100
37) 1,2-Dichloropropane	6.095	63	37468	4.548	ug/L	100
38) Bromodichloromethane	6.436	83	46750	4.615	ug/L	100
39) cis-1,3-Dichloropropene	6.957	75	54816	4.638	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	177758	46.423	ug/L	100
42) Toluene	7.317	91	157211	4.489	ug/L	100
44) trans-1,3-Dichloropropene	7.584	75	42711	4.480	ug/L	100

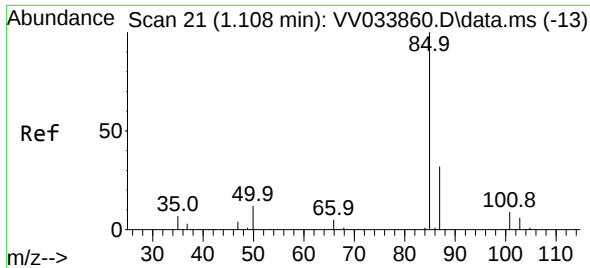
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012524\
 Data File : VV033860.D
 Acq On : 25 Jan 2024 09:57
 Operator : SY/MD
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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
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Quant Time: Jan 25 20:55:11 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)
45) 1,1,2-Trichloroethane	7.770	97	21831	4.707	ug/L	100
47) Tetrachloroethene	7.905	164	32361	4.988	ug/L	100
48) 2-Hexanone	8.079	43	123125	43.799	ug/L	100
49) Dibromochloromethane	8.178	129	26667	4.632	ug/L	100
50) 1,2-Dibromoethane	8.285	107	20354	4.748	ug/L	100
51) Chlorobenzene	8.815	112	98914	4.571	ug/L	100
52) Ethylbenzene	8.947	91	182627	4.492	ug/L	100
53) m,p-Xylene	9.072	106	68473	4.555	ug/L	100
54) o-Xylene	9.477	106	65871	4.515	ug/L	100
55) Styrene	9.497	104	108573	4.640	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	24106	4.724	ug/L	100
59) Bromoform	9.667	173	13922	4.857	ug/L	100
60) Isopropylbenzene	9.866	105	184997	4.898	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	17330	4.605	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	154940	4.794	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	150563	4.645	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	79254	4.777	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	77590	4.755	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	68861	4.749	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.368	75	3812	4.612	ug/L	100
69) 1,3,5-Trichlorobenzene	12.583	180	61687	4.762	ug/L	100
70) 1,2,4-trichlorobenzene	13.198	180	47211	4.401	ug/L	100
71) Naphthalene	13.442	128	61889	3.424	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	39456	4.522	ug/L	100

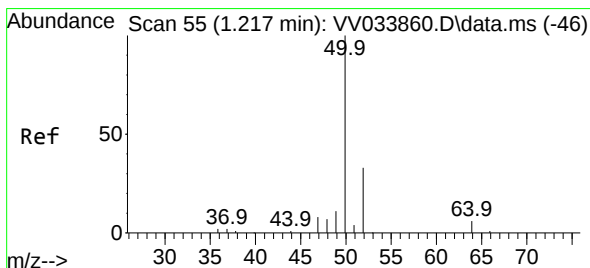
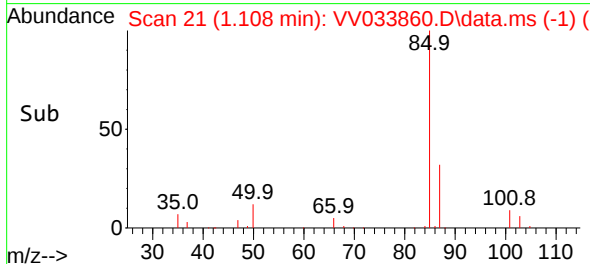
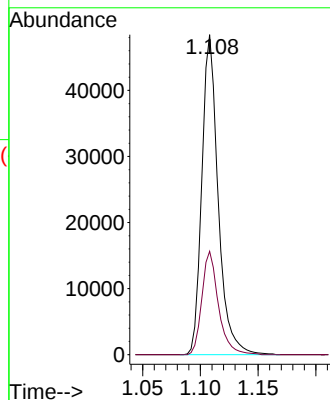
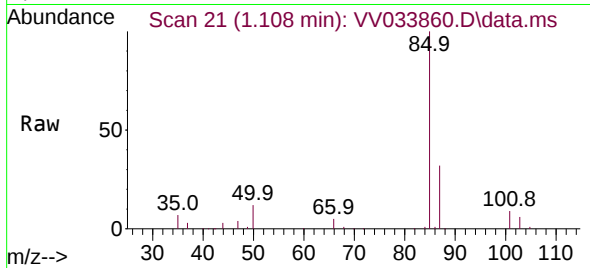
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.072 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV033860.D
 Acq: 25 Jan 2024 09:57

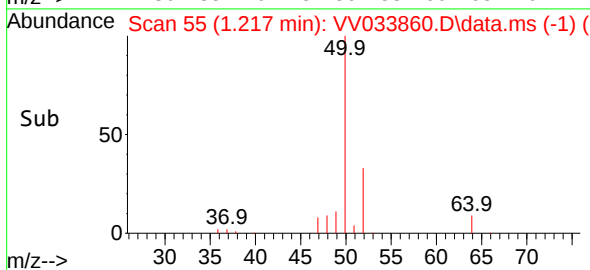
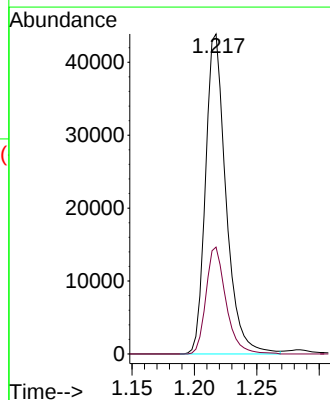
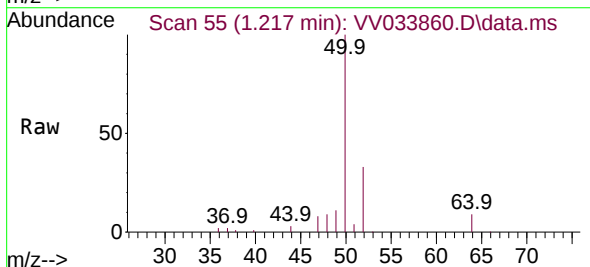
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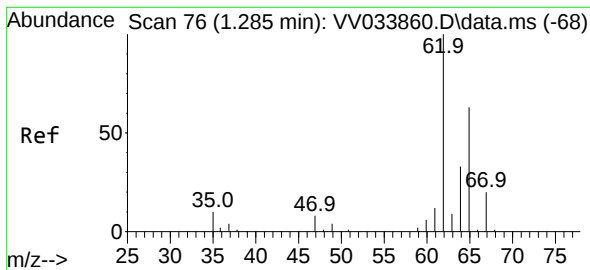
Tgt Ion: 85 Resp: 47626
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.2 39.4



#3
 Chloromethane
 Concen: 4.549 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV033860.D
 Acq: 25 Jan 2024 09:57

Tgt Ion: 50 Resp: 50095
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.4 43.4





#5

Vinyl chloride

Concen: 4.723 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV033860.D

Acq: 25 Jan 2024 09:57

Instrument :

MSVOA_V

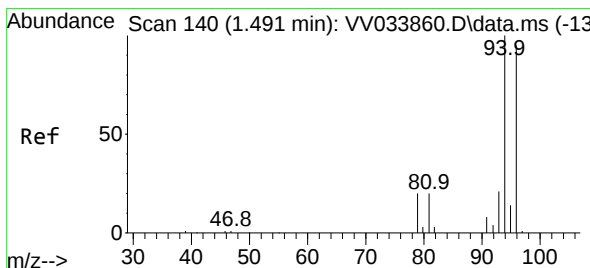
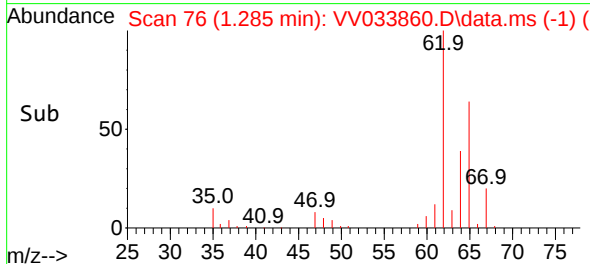
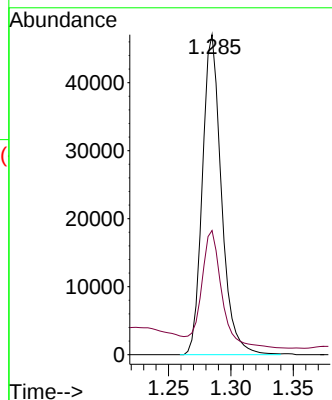
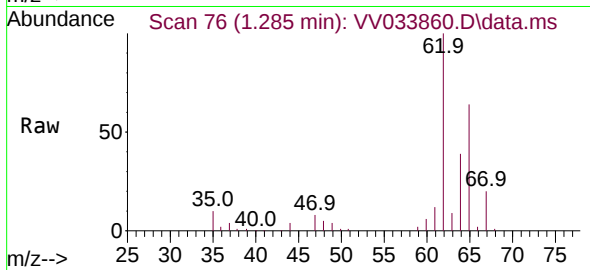
ClientSampleId :

Tgt Ion: 62 Resp: 50075

Ion Ratio Lower Upper

62 100

64 38.8 27.2 50.4



#6

Bromomethane

Concen: 4.650 ug/L

RT: 1.491 min Scan# 140

Delta R.T. 0.000 min

Lab File: VV033860.D

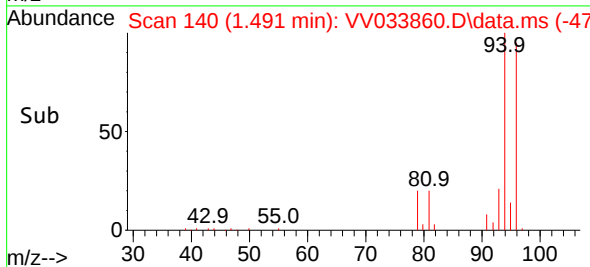
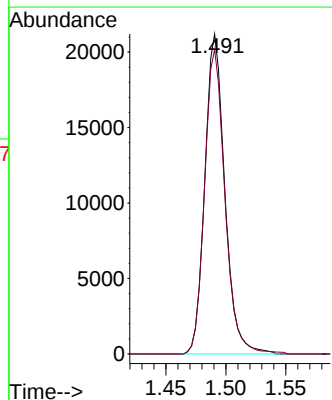
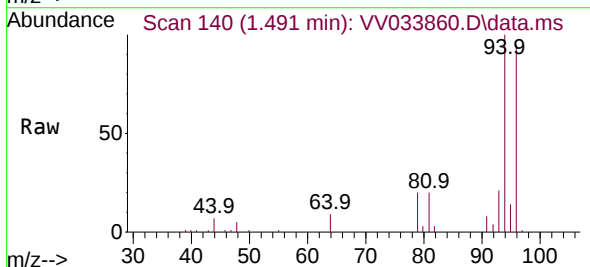
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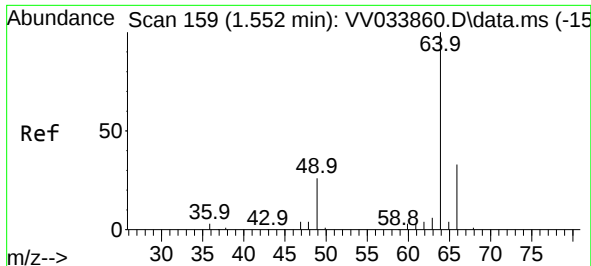
Tgt Ion: 94 Resp: 24595

Ion Ratio Lower Upper

94 100

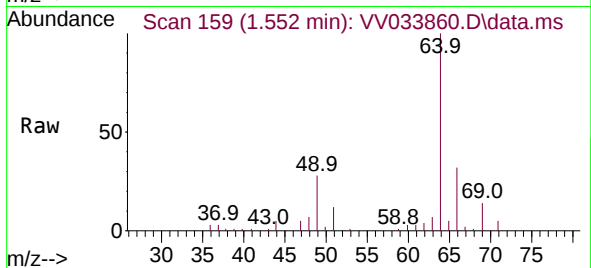
96 95.2 66.6 123.8



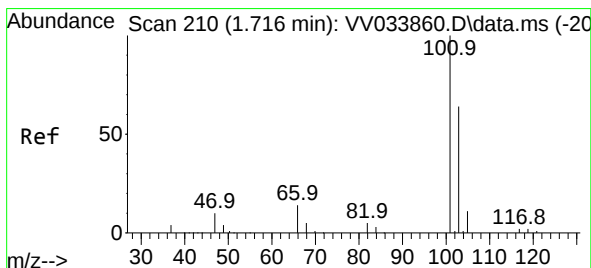
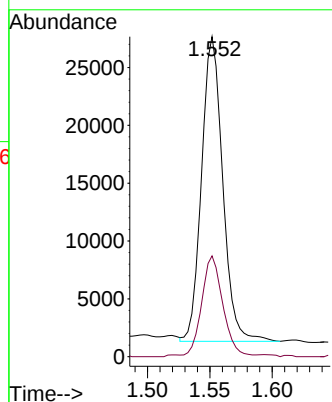
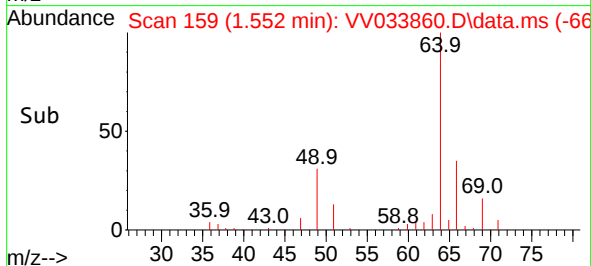


#8
Chloroethane
Concen: 4.808 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV033860.D
Acq: 25 Jan 2024 09:57

Instrument :
MSVOA_V
ClientSampleId :

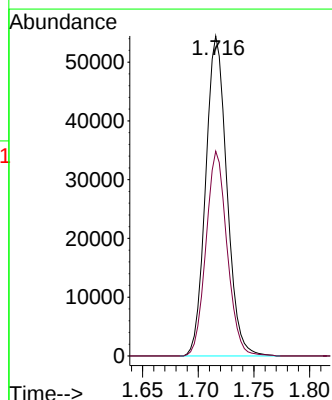
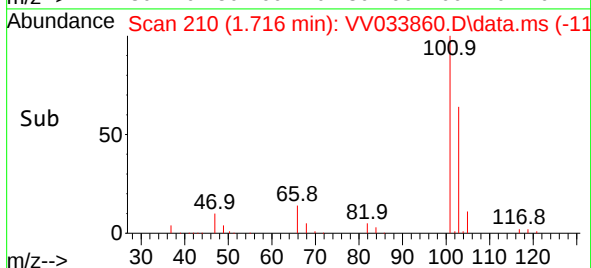
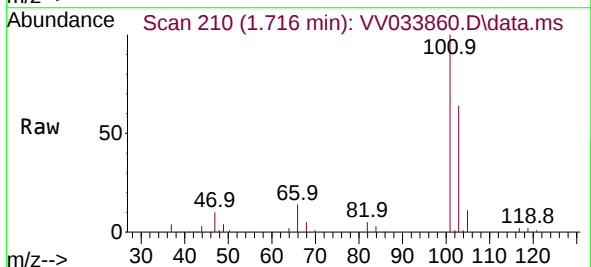


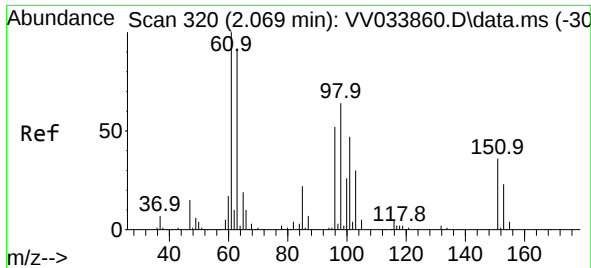
Tgt Ion: 64 Resp: 31107
Ion Ratio Lower Upper
64 100
66 31.5 22.0 41.0



#9
Trichlorofluoromethane
Concen: 5.438 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV033860.D
Acq: 25 Jan 2024 09:57

Tgt Ion:101 Resp: 72133
Ion Ratio Lower Upper
101 100
103 63.7 51.0 76.4

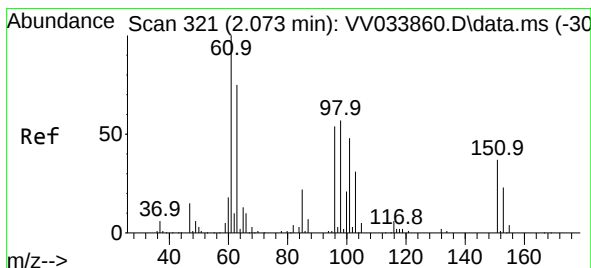
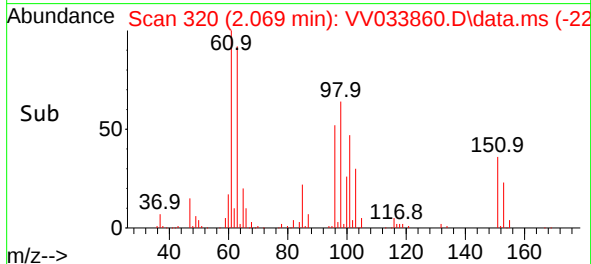
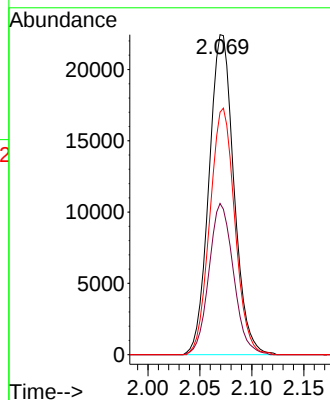
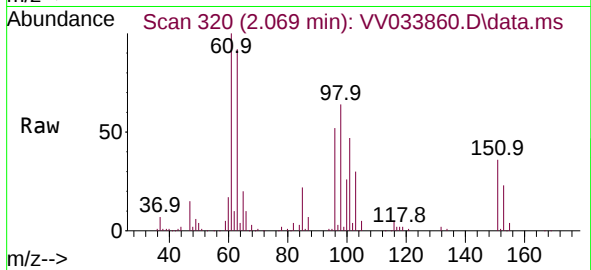




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.120 ug/L
 RT: 2.069 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VV033860.D
 Acq: 25 Jan 2024 09:57

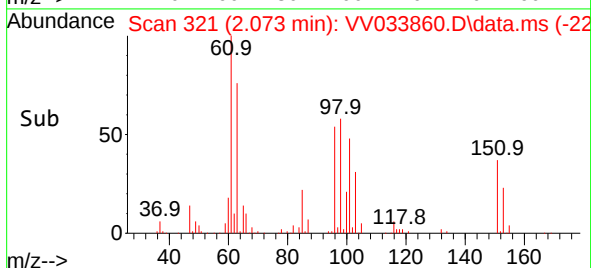
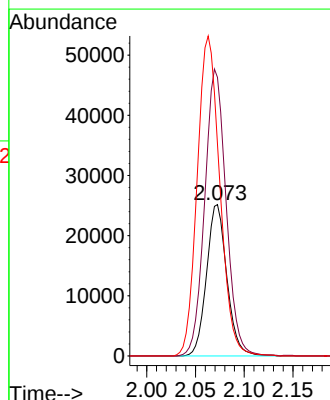
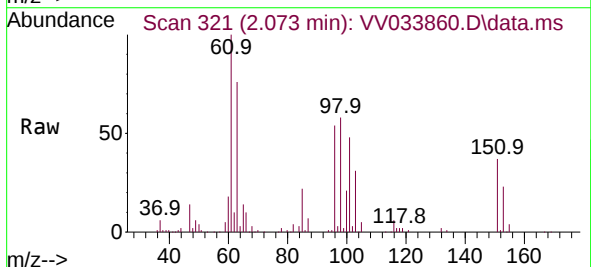
Instrument :
 MSVOA_V
 ClientSampleId :

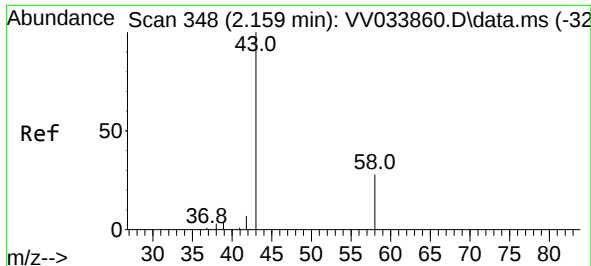
Tgt Ion:101 Resp: 37459
 Ion Ratio Lower Upper
 101 100
 85 46.4 37.1 55.7
 151 77.1 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 5.000 ug/L
 RT: 2.073 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV033860.D
 Acq: 25 Jan 2024 09:57

Tgt Ion: 96 Resp: 36551
 Ion Ratio Lower Upper
 96 100
 61 184.0 128.8 239.2
 63 139.9 97.9 181.9





#13

Acetone

Concen: 9.067 ug/L

RT: 2.391 min Scan# 41

Delta R.T. 0.232 min

Lab File: VV033860.D

Acq: 25 Jan 2024 09:57

Instrument :

MSVOA_V

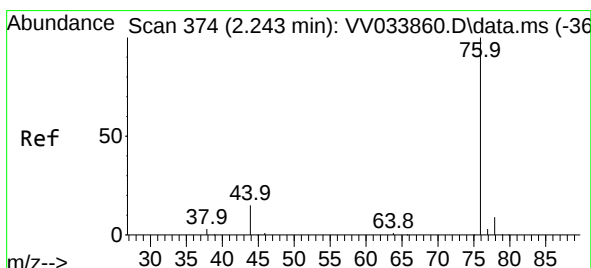
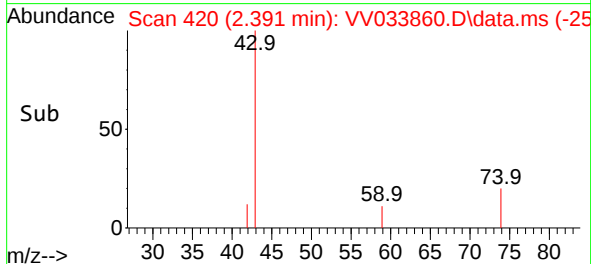
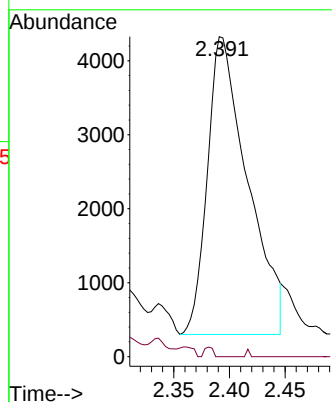
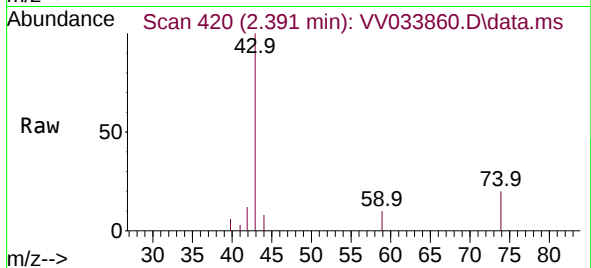
ClientSampleId :

Tgt Ion: 43 Resp: 10106

Ion Ratio Lower Upper

43 100

58 1.1 0.0 13.8



#14

Carbon disulfide

Concen: 4.519 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV033860.D

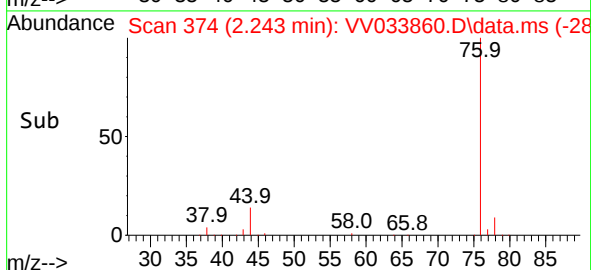
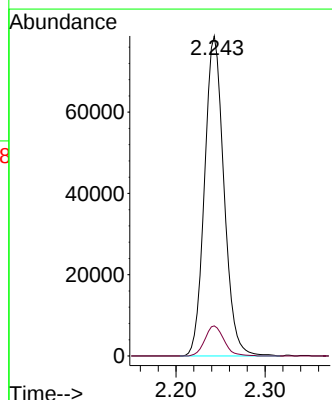
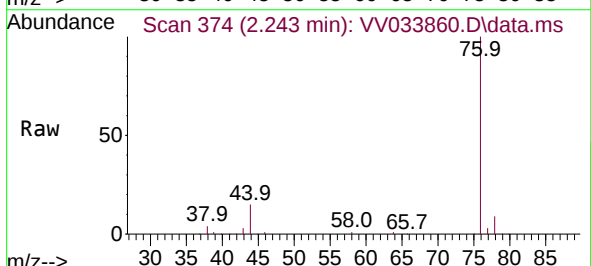
Acq: 25 Jan 2024 09:57

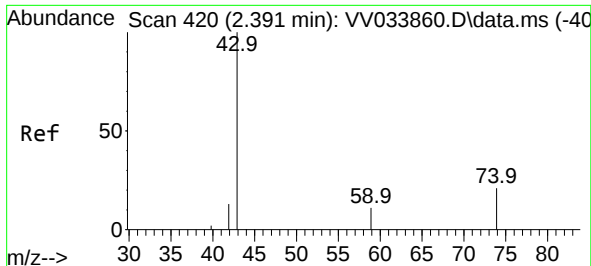
Tgt Ion: 76 Resp: 118810

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

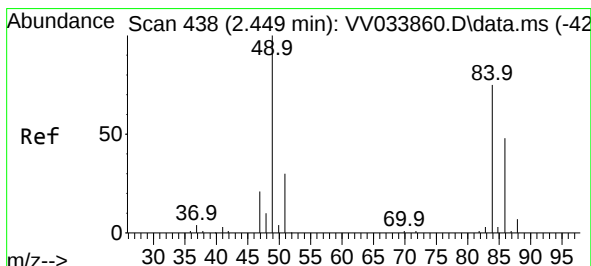
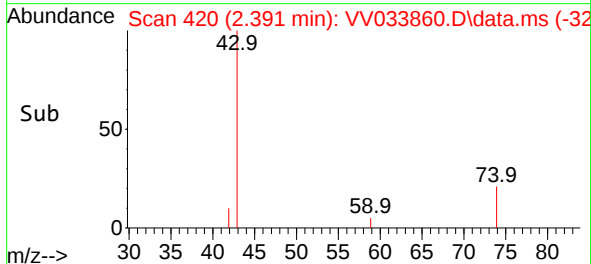
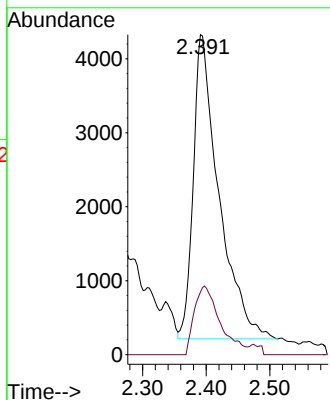
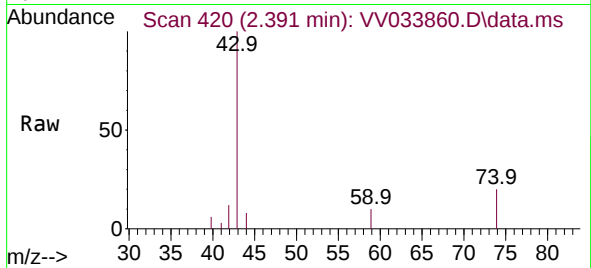




#15
Methyl Acetate
Concen: 4.449 ug/L
RT: 2.391 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV033860.D
Acq: 25 Jan 2024 09:57

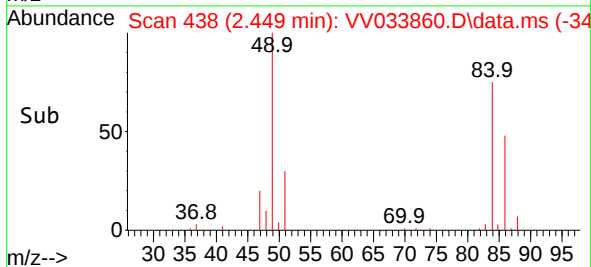
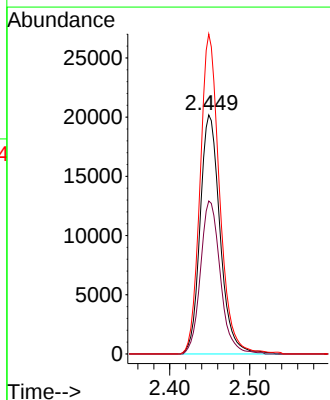
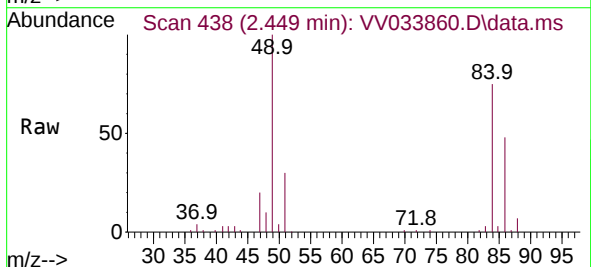
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MSVOA_V
ClientSampleId :

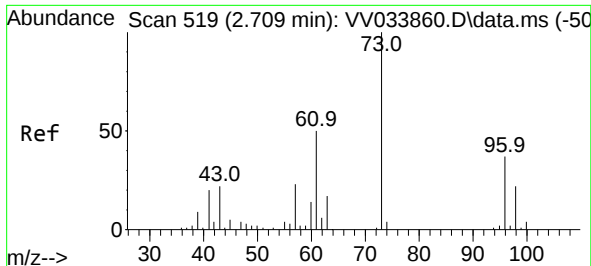
Tgt Ion: 43 Resp: 11473
Ion Ratio Lower Upper
43 100
74 22.8 18.2 27.4



#16
Methylene chloride
Concen: 4.209 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV033860.D
Acq: 25 Jan 2024 09:57

Tgt Ion: 84 Resp: 35084
Ion Ratio Lower Upper
84 100
86 63.9 44.7 83.1
49 133.8 93.7 173.9





#17

Methyl tert-butyl Ether

Concen: 4.789 ug/L

RT: 2.709 min Scan# 519

Delta R.T. 0.000 min

Lab File: VV033860.D

Acq: 25 Jan 2024 09:57

Instrument :

MSVOA_V

ClientSampleId :

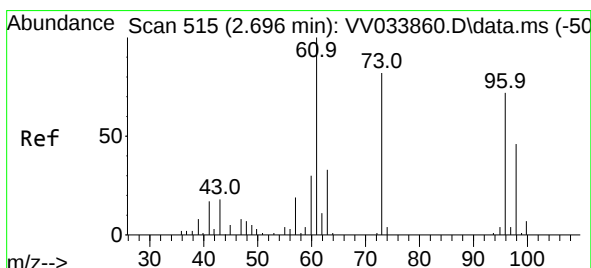
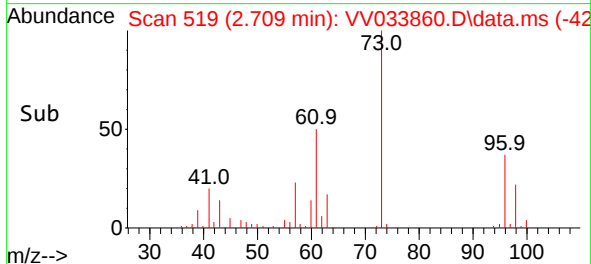
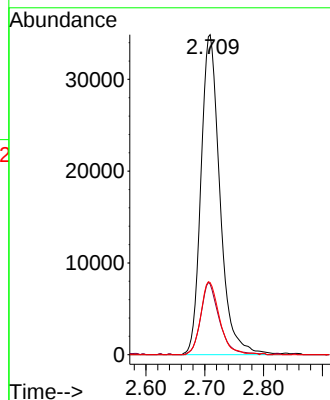
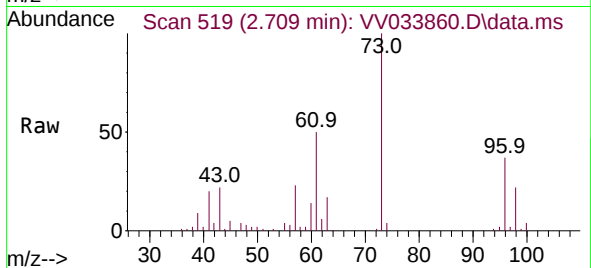
Tgt Ion: 73 Resp: 78114

Ion Ratio Lower Upper

73 100

43 22.1 17.7 26.5

57 22.4 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 4.631 ug/L

RT: 2.696 min Scan# 515

Delta R.T. 0.000 min

Lab File: VV033860.D

Acq: 25 Jan 2024 09:57

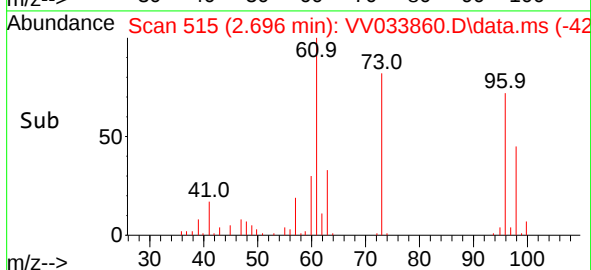
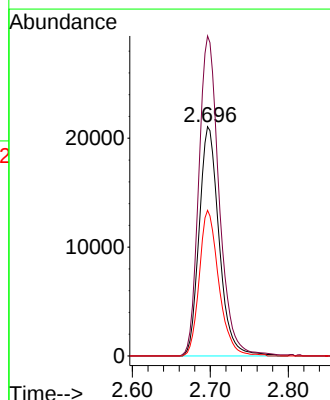
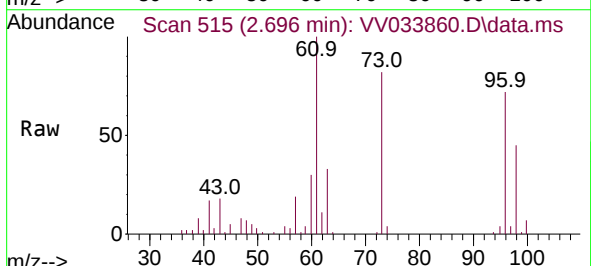
Tgt Ion: 96 Resp: 37390

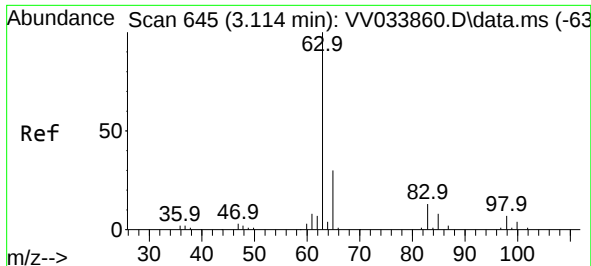
Ion Ratio Lower Upper

96 100

61 139.5 97.6 181.4

98 63.5 44.4 82.5

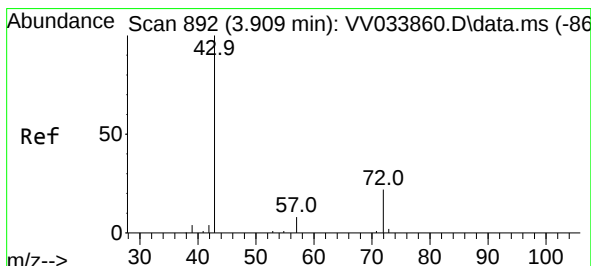
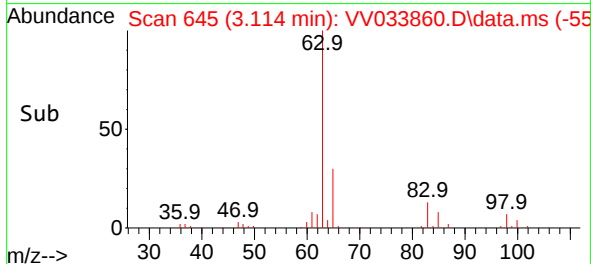
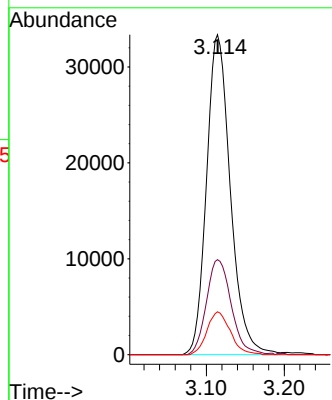
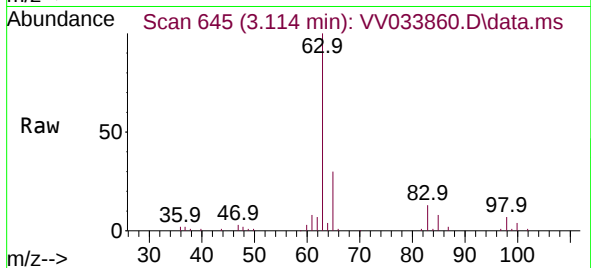




#19
1,1-Dichloroethane
Concen: 4.473 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.000 min
Lab File: VV033860.D
Acq: 25 Jan 2024 09:57

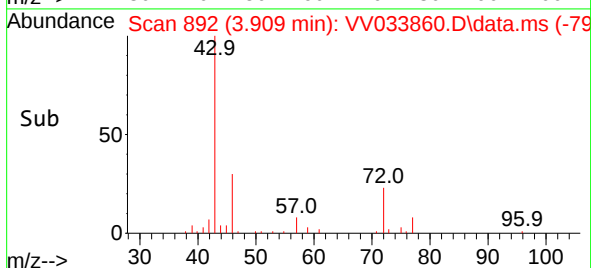
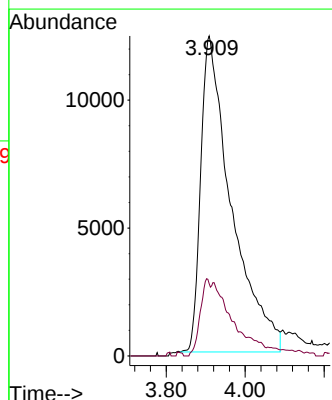
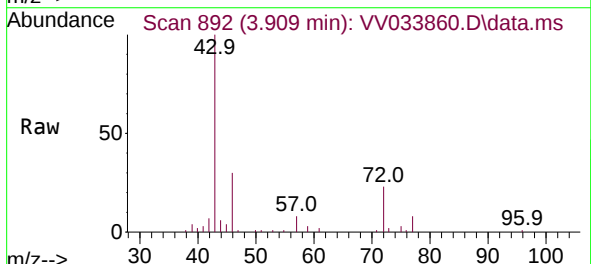
Instrument :
MSVOA_V
ClientSampleId :

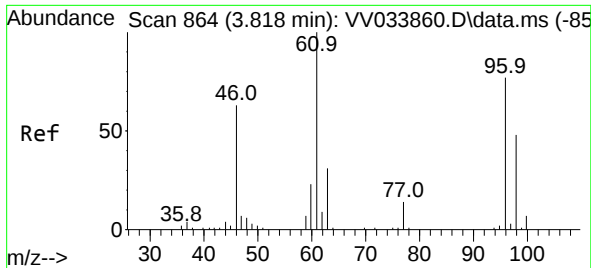
Tgt Ion: 63 Resp: 70957
Ion Ratio Lower Upper
63 100
65 29.7 20.8 38.6
83 13.4 9.4 17.4



#21
2-Butanone
Concen: 43.305 ug/L
RT: 3.909 min Scan# 892
Delta R.T. 0.000 min
Lab File: VV033860.D
Acq: 25 Jan 2024 09:57

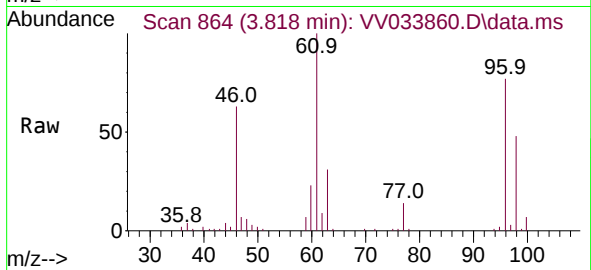
Tgt Ion: 43 Resp: 66586
Ion Ratio Lower Upper
43 100
72 7.9 4.0 11.9





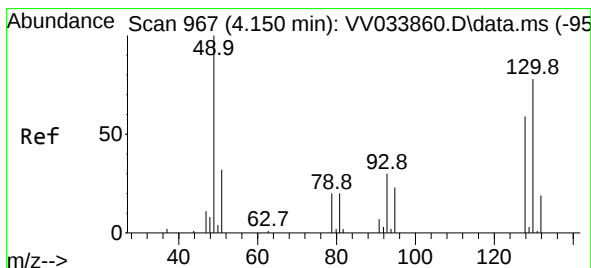
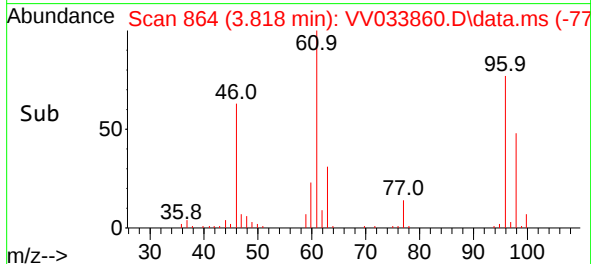
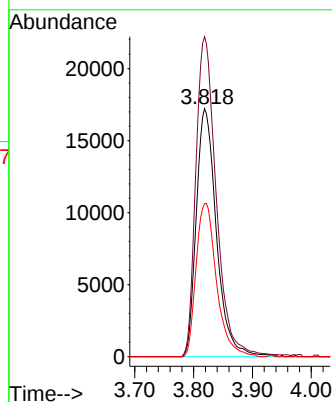
#22
 cis-1,2-Dichloroethene
 Concen: 4.821 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV033860.D
 Acq: 25 Jan 2024 09:57

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 41053

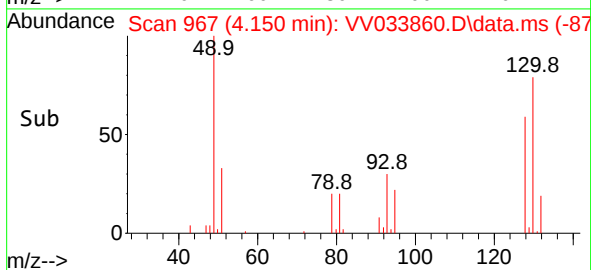
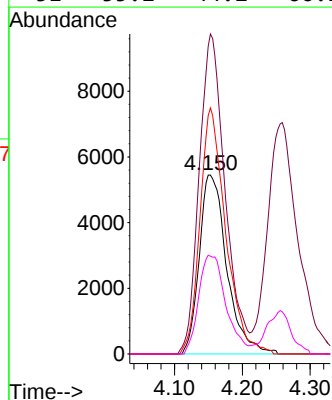
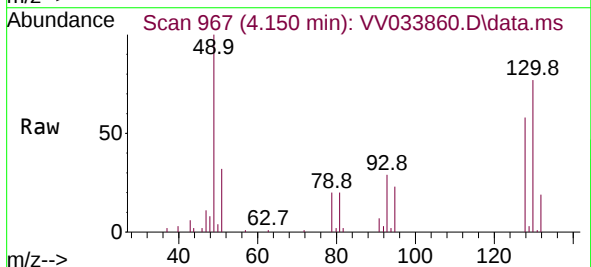
Ion	Ratio	Lower	Upper
96	100		
61	129.0	90.3	167.7
98	61.7	43.2	80.2

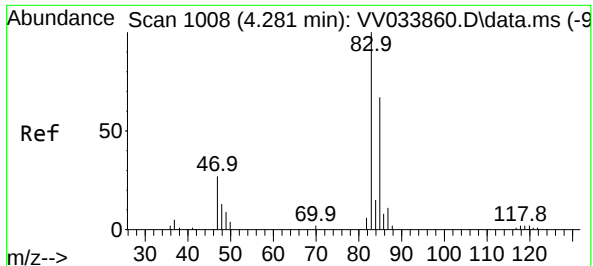


#23
 Bromochloromethane
 Concen: 4.921 ug/L
 RT: 4.150 min Scan# 967
 Delta R.T. 0.000 min
 Lab File: VV033860.D
 Acq: 25 Jan 2024 09:57

Tgt Ion: 128 Resp: 15332

Ion	Ratio	Lower	Upper
128	100		
49	172.1	120.5	223.7
130	133.4	93.4	173.4
51	55.2	44.2	66.2





#25

Chloroform

Concen: 4.755 ug/L

RT: 4.281 min Scan# 1008

Delta R.T. 0.000 min

Lab File: VV033860.D

Acq: 25 Jan 2024 09:57

Instrument :

MSVOA_V

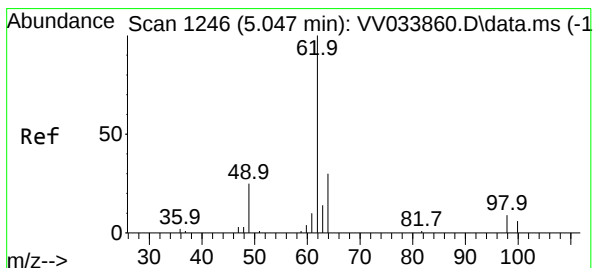
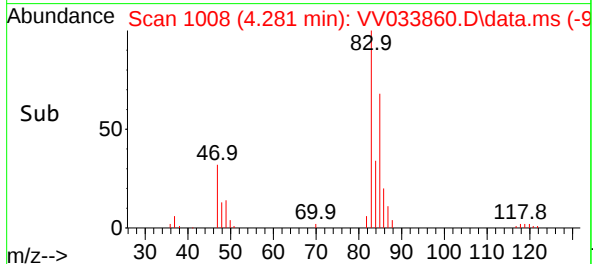
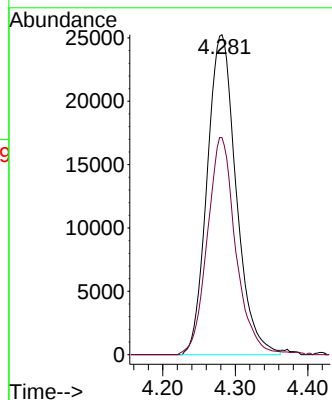
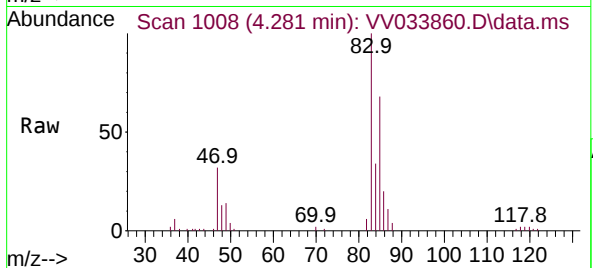
ClientSampleId :

Tgt Ion: 83 Resp: 70154

Ion Ratio Lower Upper

83 100

85 67.8 47.5 88.1



#27

1,2-Dichloroethane

Concen: 4.836 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.000 min

Lab File: VV033860.D

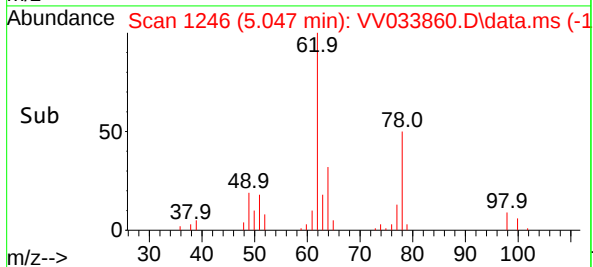
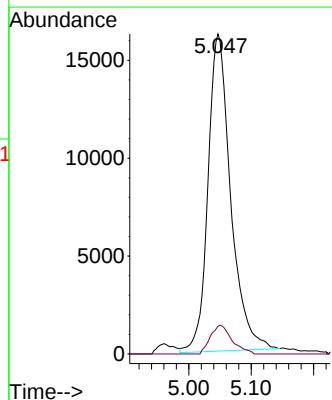
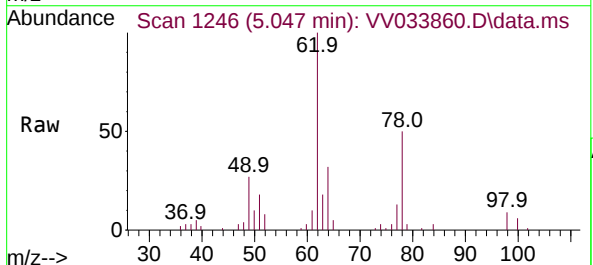
Acq: 25 Jan 2024 09:57

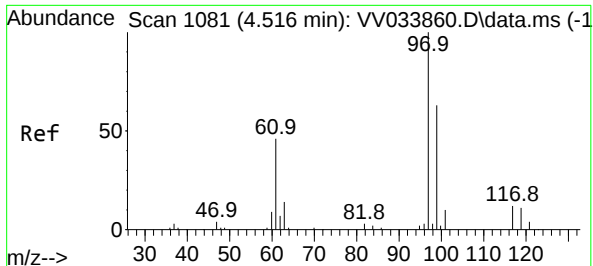
Tgt Ion: 62 Resp: 41021

Ion Ratio Lower Upper

62 100

98 8.6 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 4.836 ug/L

RT: 4.516 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV033860.D

Acq: 25 Jan 2024 09:57

Instrument :

MSVOA_V

ClientSampleId :

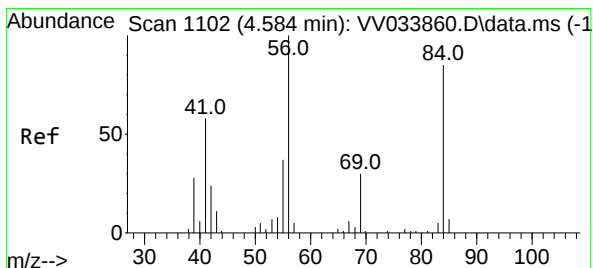
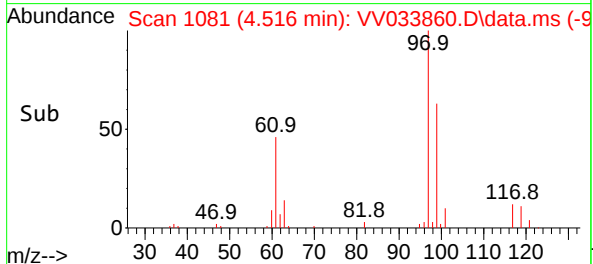
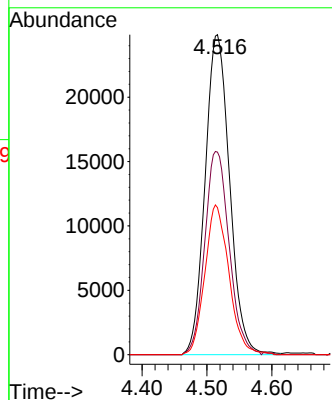
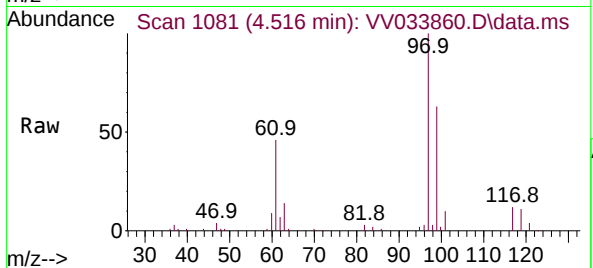
Tgt Ion: 97 Resp: 65289

Ion Ratio Lower Upper

97 100

99 63.2 50.6 75.8

61 46.0 36.8 55.2



#30

Cyclohexane

Concen: 4.118 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV033860.D

Acq: 25 Jan 2024 09:57

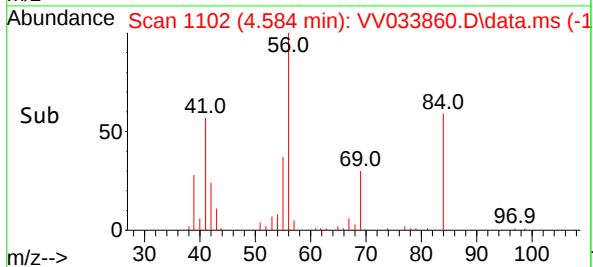
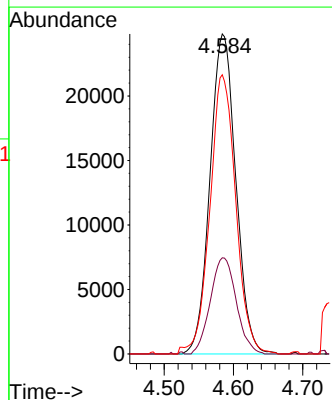
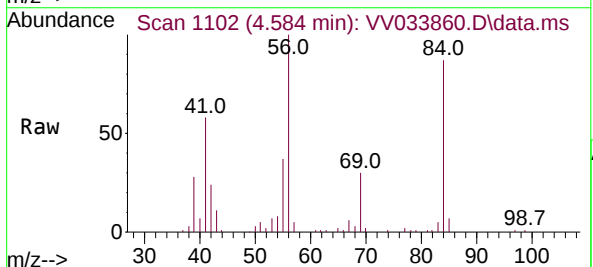
Tgt Ion: 56 Resp: 64305

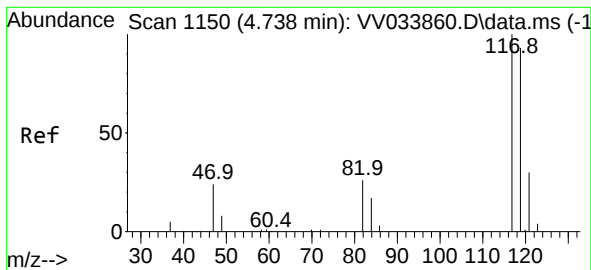
Ion Ratio Lower Upper

56 100

69 30.2 24.2 36.2

84 87.5 70.0 105.0





#31

Carbon tetrachloride

Concen: 4.992 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. 0.000 min

Lab File: VV033860.D

Acq: 25 Jan 2024 09:57

Instrument :

MSVOA_V

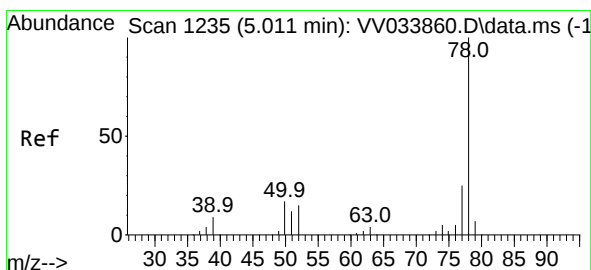
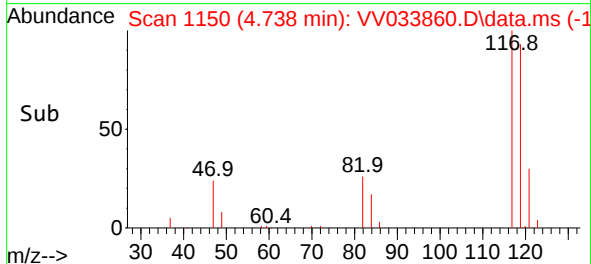
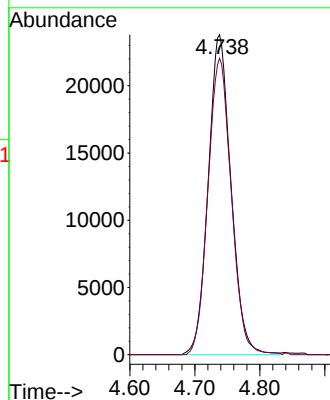
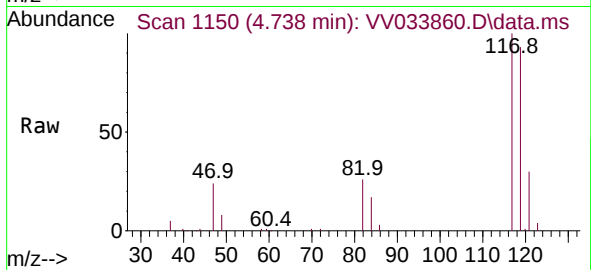
ClientSampleId :

Tgt Ion:117 Resp: 57908

Ion Ratio Lower Upper

117 100

119 95.1 76.1 114.1



#33

Benzene

Concen: 4.467 ug/L

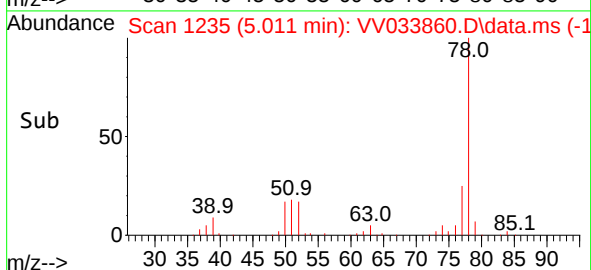
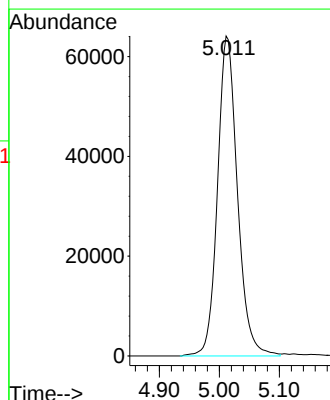
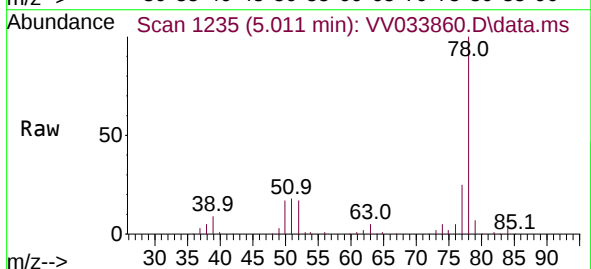
RT: 5.011 min Scan# 1235

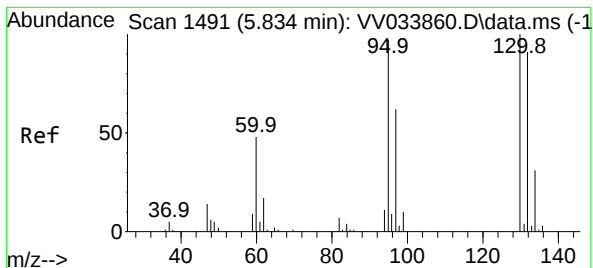
Delta R.T. 0.000 min

Lab File: VV033860.D

Acq: 25 Jan 2024 09:57

Tgt Ion: 78 Resp: 147622





#34

Trichloroethene

Concen: 4.547 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.000 min

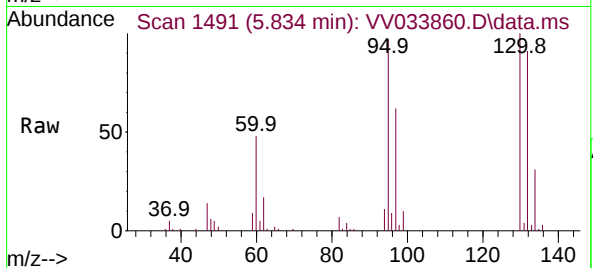
Lab File: VV033860.D

Acq: 25 Jan 2024 09:57

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 40394

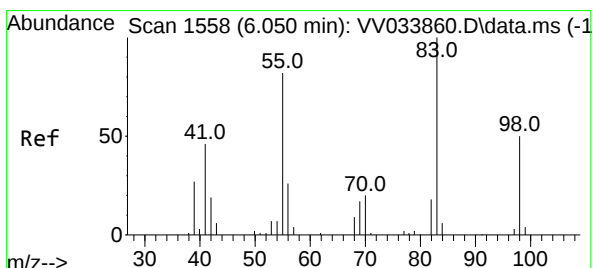
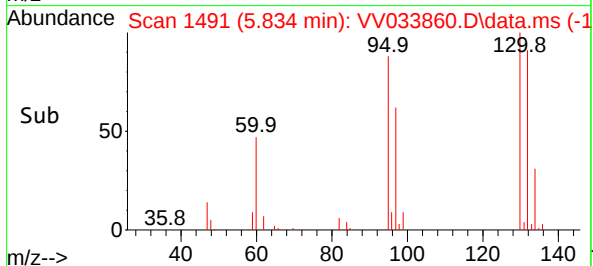
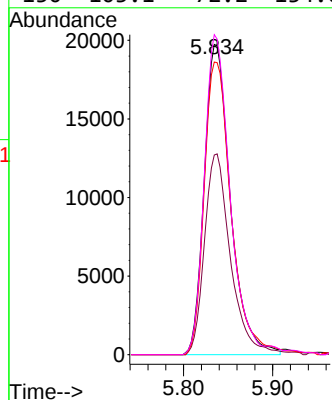
Ion Ratio Lower Upper

95 100

97 64.4 45.1 83.7

132 94.3 66.0 122.6

130 103.1 72.2 134.0



#35

Methylcyclohexane

Concen: 4.407 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.000 min

Lab File: VV033860.D

Acq: 25 Jan 2024 09:57

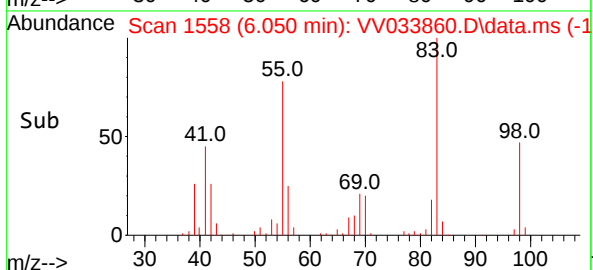
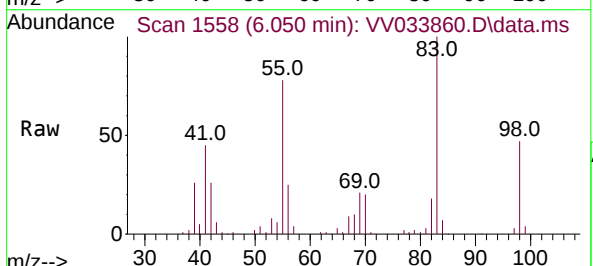
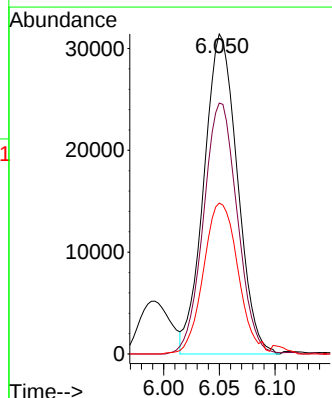
Tgt Ion: 83 Resp: 65626

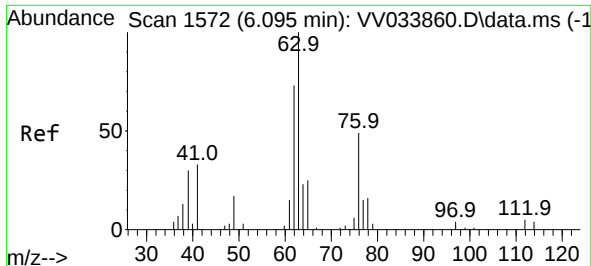
Ion Ratio Lower Upper

83 100

55 79.4 63.5 95.3

98 48.7 39.0 58.4





#37

1,2-Dichloropropane

Concen: 4.548 ug/L

RT: 6.095 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV033860.D

Acq: 25 Jan 2024 09:57

Instrument :

MSVOA_V

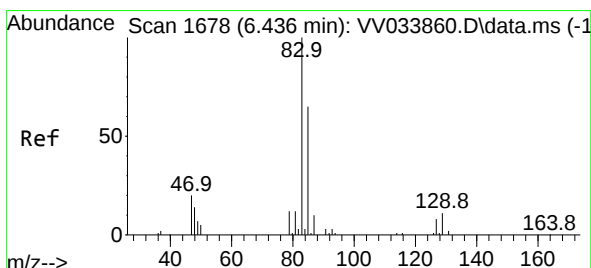
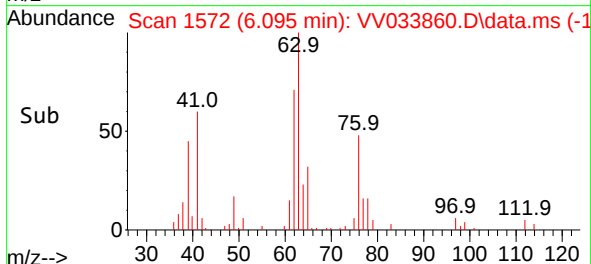
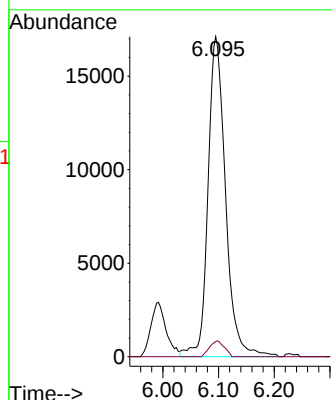
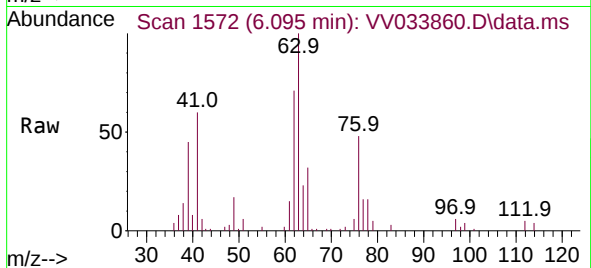
ClientSampleId :

Tgt Ion: 63 Resp: 37468

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.0



#38

Bromodichloromethane

Concen: 4.615 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VV033860.D

Acq: 25 Jan 2024 09:57

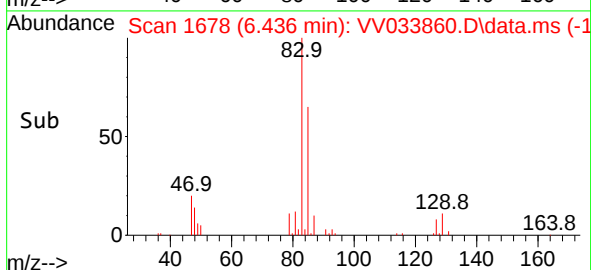
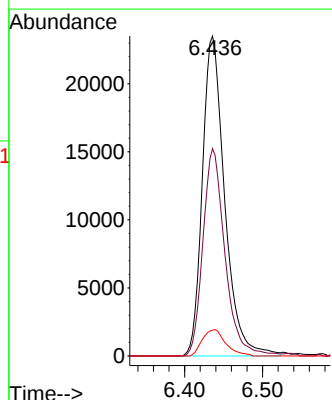
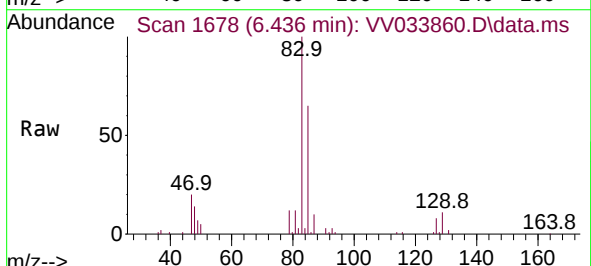
Tgt Ion: 83 Resp: 46750

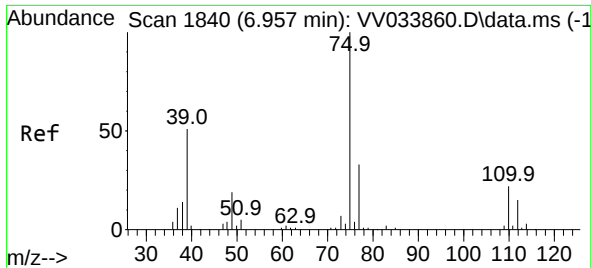
Ion Ratio Lower Upper

83 100

85 64.8 45.4 84.2

127 8.1 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.638 ug/L

RT: 6.957 min Scan# 1840

Delta R.T. 0.000 min

Lab File: VV033860.D

Acq: 25 Jan 2024 09:57

Instrument :

MSVOA_V

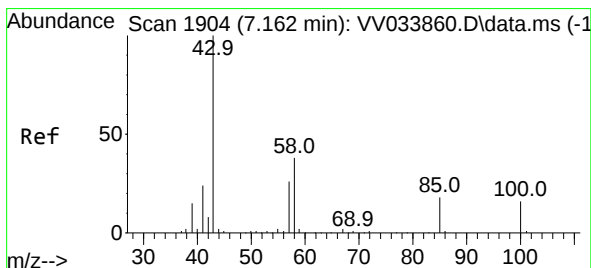
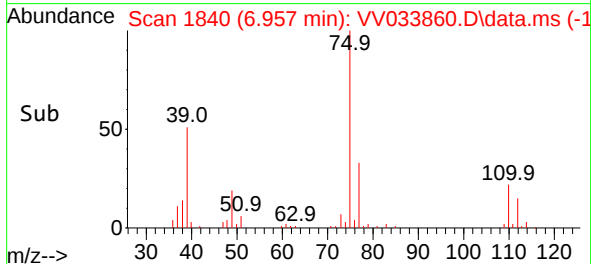
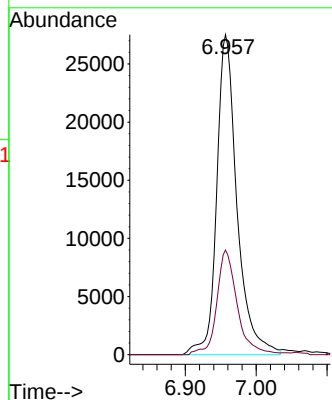
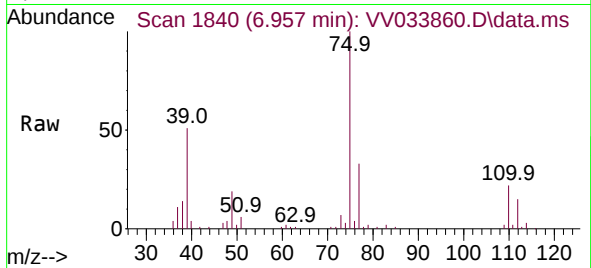
ClientSampleId :

Tgt Ion: 75 Resp: 54816

Ion Ratio Lower Upper

75 100

77 32.7 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 46.423 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VV033860.D

Acq: 25 Jan 2024 09:57

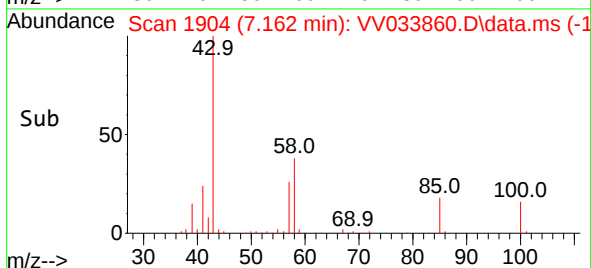
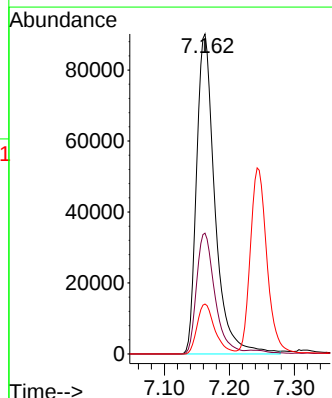
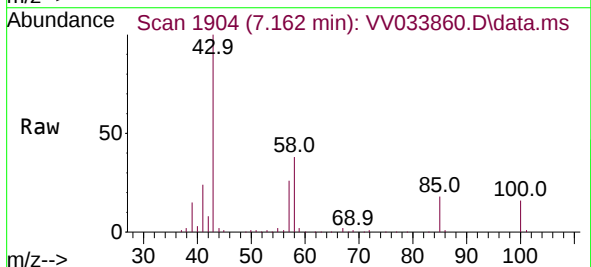
Tgt Ion: 43 Resp: 177758

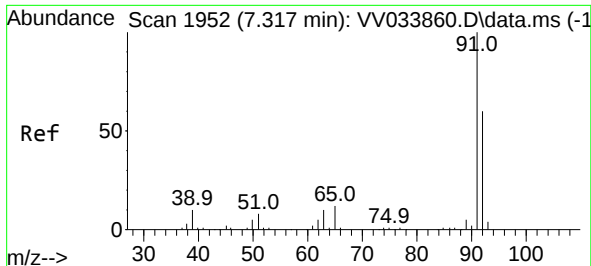
Ion Ratio Lower Upper

43 100

58 37.7 30.2 45.2

100 15.1 12.1 18.1





#42

Toluene

Concen: 4.489 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV033860.D

Acq: 25 Jan 2024 09:57

Instrument :

MSVOA_V

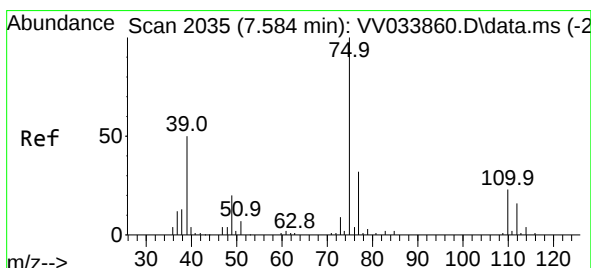
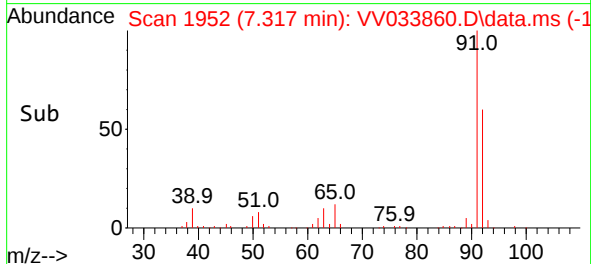
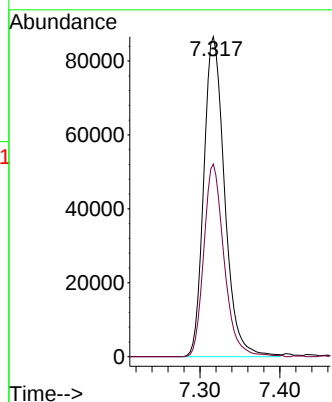
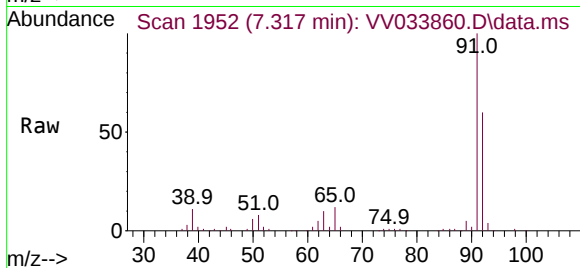
ClientSampleId :

Tgt Ion: 91 Resp: 157211

Ion Ratio Lower Upper

91 100

92 60.2 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 4.480 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV033860.D

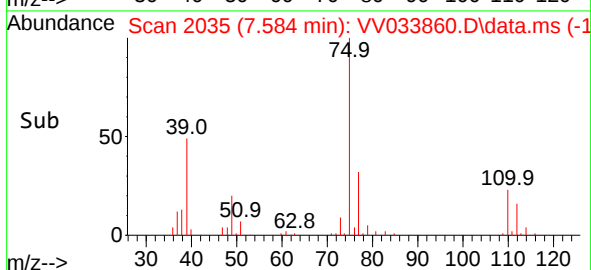
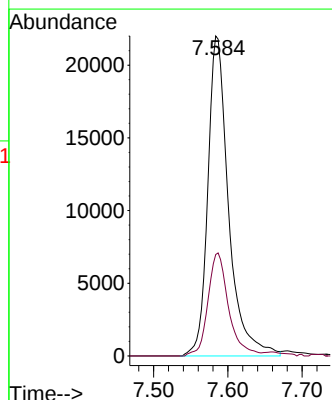
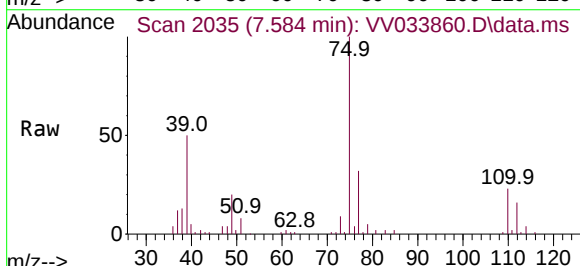
Acq: 25 Jan 2024 09:57

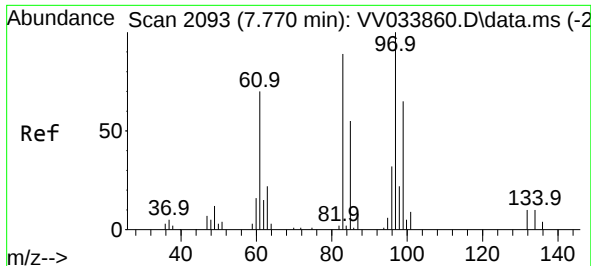
Tgt Ion: 75 Resp: 42711

Ion Ratio Lower Upper

75 100

77 31.7 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 4.707 ug/L

RT: 7.770 min Scan# 2093

Delta R.T. 0.000 min

Lab File: VV033860.D

Acq: 25 Jan 2024 09:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 21831

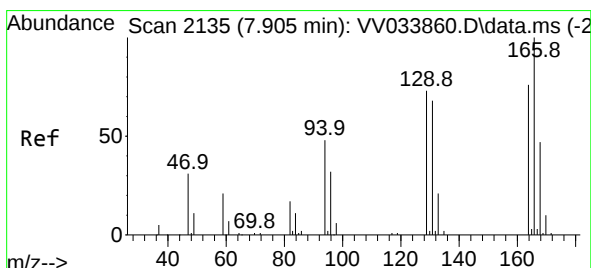
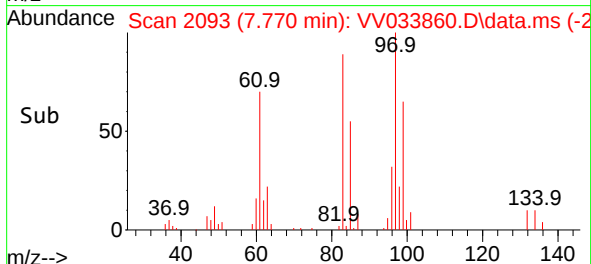
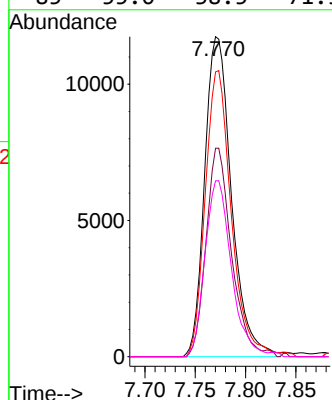
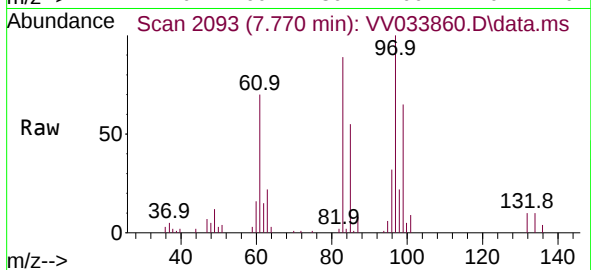
Ion Ratio Lower Upper

97 100

99 65.1 45.6 84.6

83 89.0 62.3 115.7

85 55.0 38.5 71.5



#47

Tetrachloroethene

Concen: 4.988 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.000 min

Lab File: VV033860.D

Acq: 25 Jan 2024 09:57

Tgt Ion:164 Resp: 32361

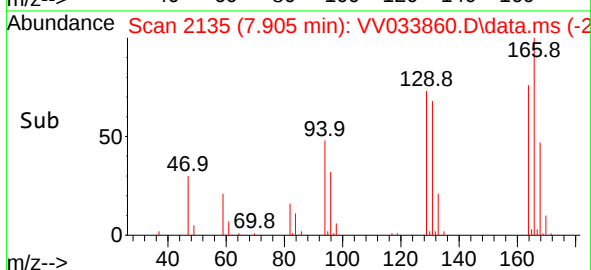
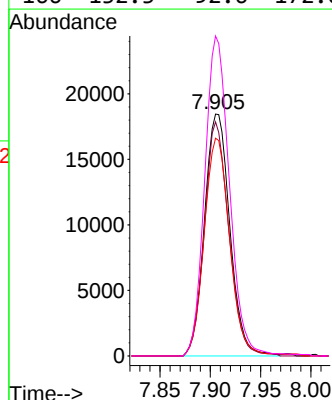
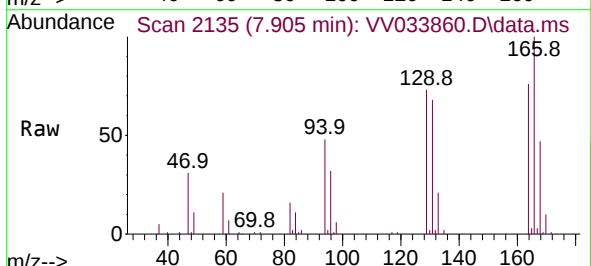
Ion Ratio Lower Upper

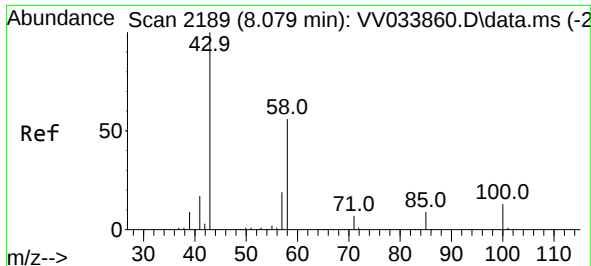
164 100

129 96.8 67.8 125.8

131 90.0 63.0 117.0

166 132.3 92.6 172.0

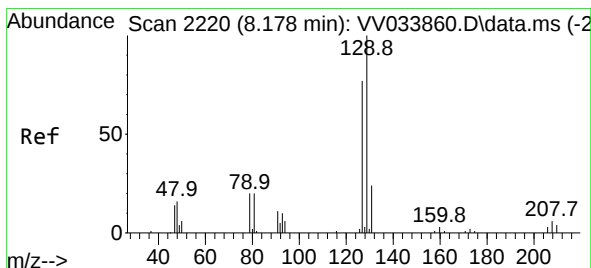
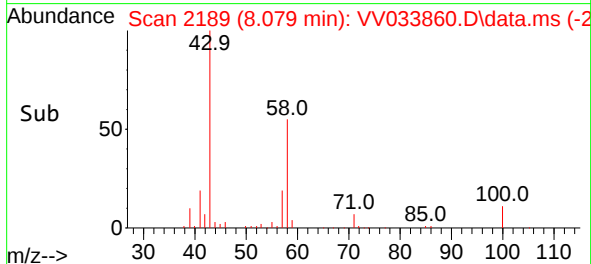
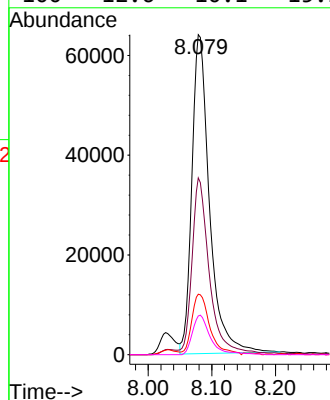
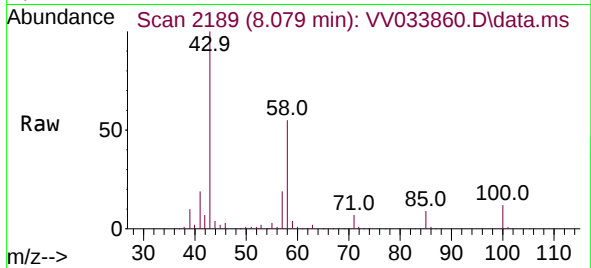




#48
2-Hexanone
Concen: 43.799 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV033860.D
Acq: 25 Jan 2024 09:57

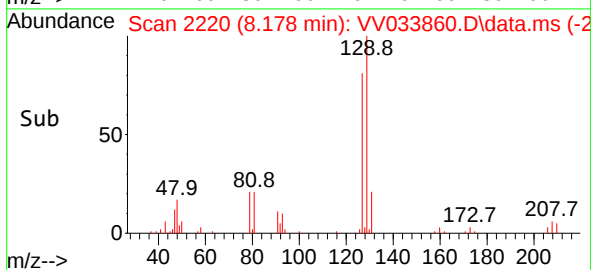
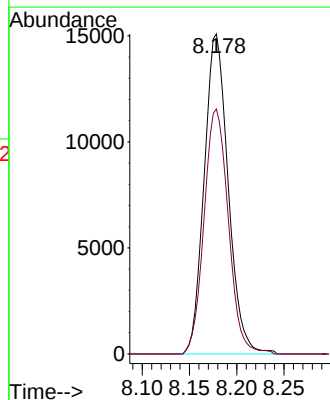
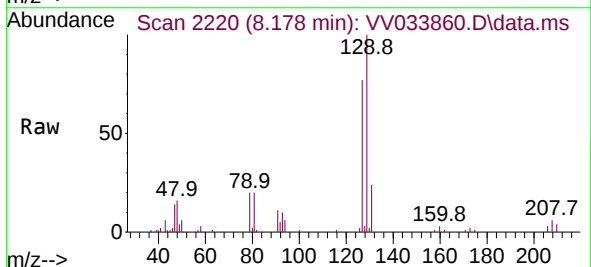
Instrument :
MSVOA_V
ClientSampleId :

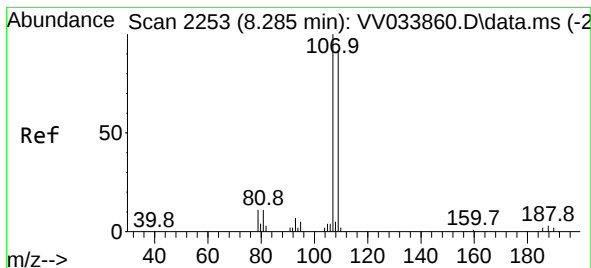
Tgt Ion: 43 Resp: 123125
Ion Ratio Lower Upper
43 100
58 53.3 42.6 64.0
57 19.4 15.5 23.3
100 12.6 10.1 15.1



#49
Dibromochloromethane
Concen: 4.632 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.000 min
Lab File: VV033860.D
Acq: 25 Jan 2024 09:57

Tgt Ion: 129 Resp: 26667
Ion Ratio Lower Upper
129 100
127 76.5 53.5 99.5





#50

1,2-Dibromoethane

Concen: 4.748 ug/L

RT: 8.285 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV033860.D

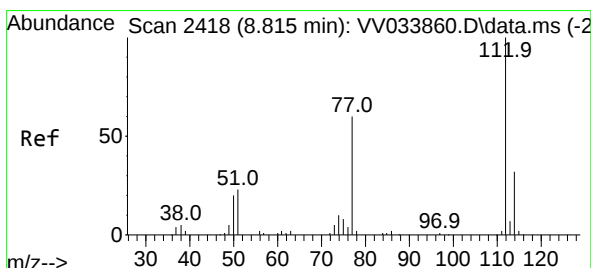
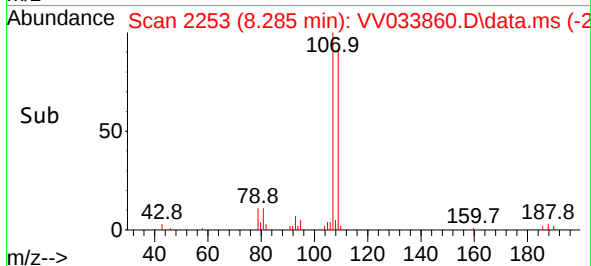
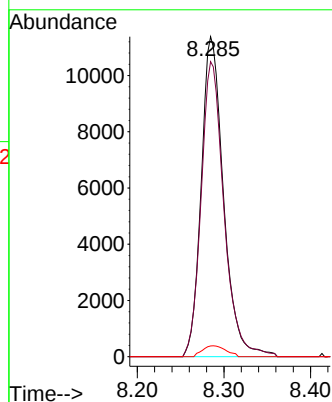
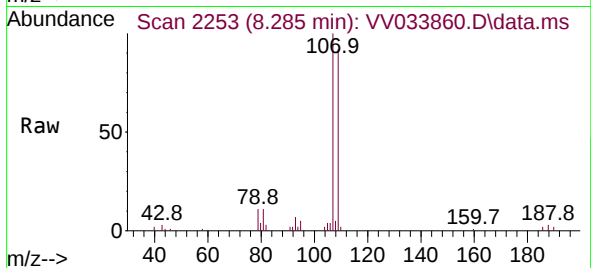
Acq: 25 Jan 2024 09:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	20354
Ion	Ratio	Lower	Upper
107	100		
109	92.2	64.5	119.9
188	3.3	2.6	4.0



#51

Chlorobenzene

Concen: 4.571 ug/L

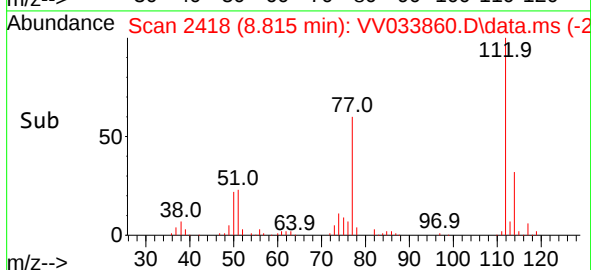
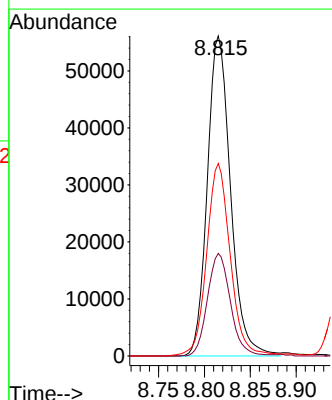
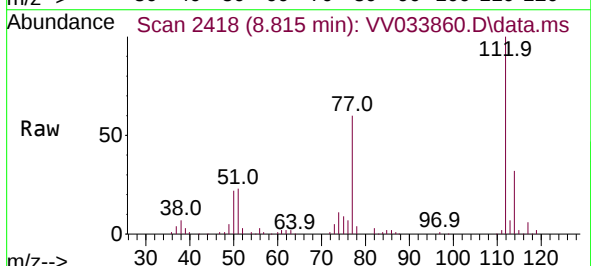
RT: 8.815 min Scan# 2418

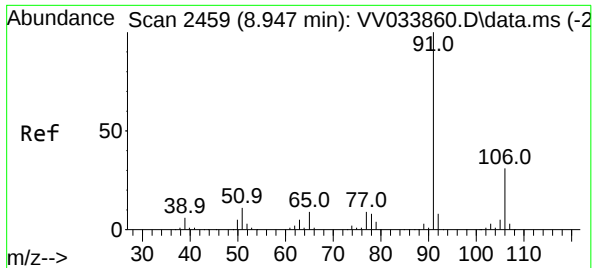
Delta R.T. 0.000 min

Lab File: VV033860.D

Acq: 25 Jan 2024 09:57

Tgt Ion:	112	Resp:	98914
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.5	41.7
77	60.1	48.1	72.1

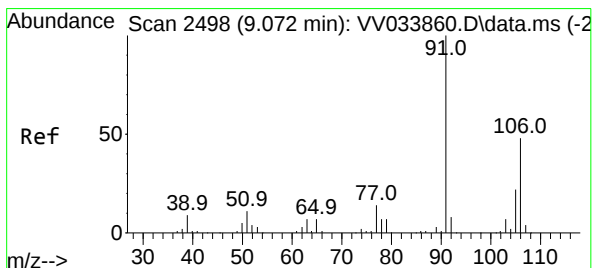
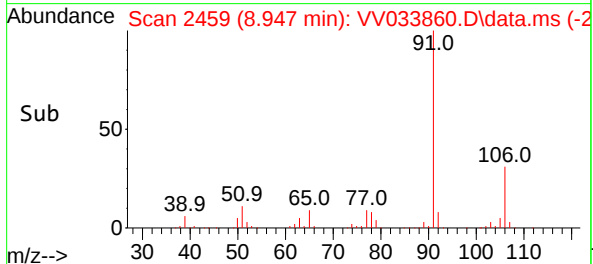
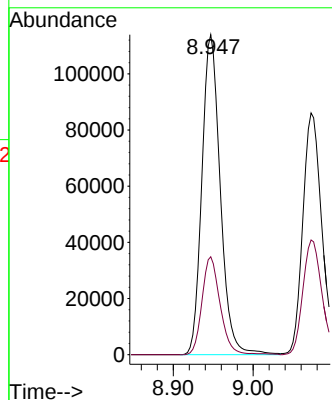
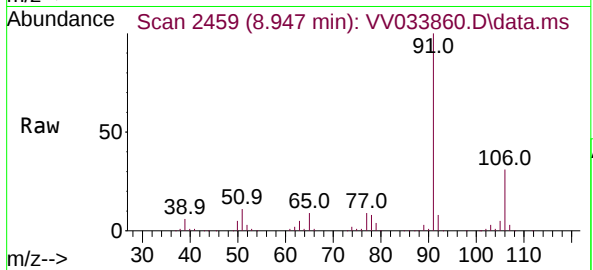




#52
Ethylbenzene
Concen: 4.492 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.000 min
Lab File: VV033860.D
Acq: 25 Jan 2024 09:57

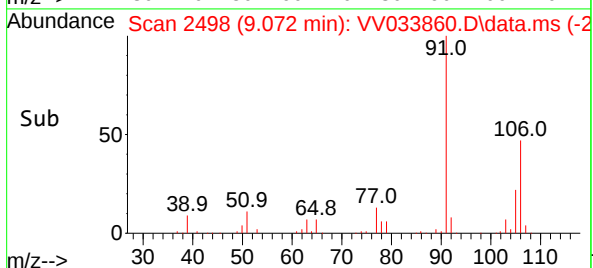
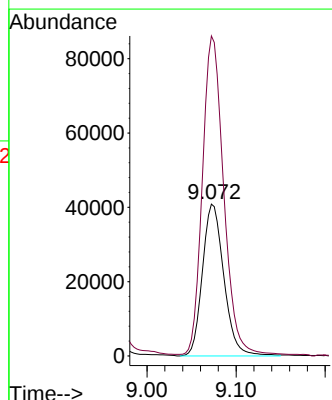
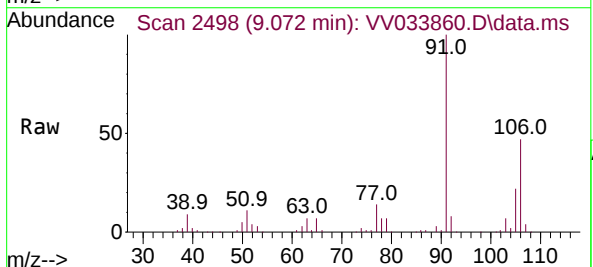
Instrument :
MSVOA_V
ClientSampleId :

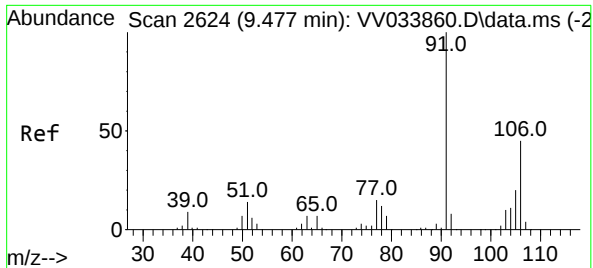
Tgt Ion: 91 Resp: 182627
Ion Ratio Lower Upper
91 100
106 30.6 21.4 39.8



#53
m,p-Xylene
Concen: 4.555 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV033860.D
Acq: 25 Jan 2024 09:57

Tgt Ion: 106 Resp: 68473
Ion Ratio Lower Upper
106 100
91 210.7 147.5 273.9

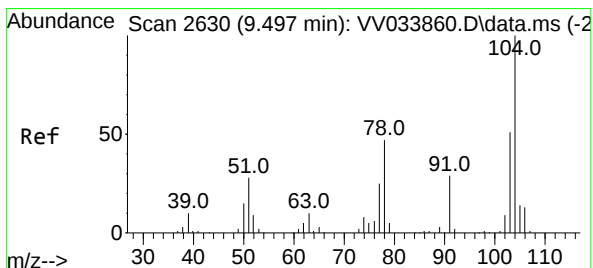
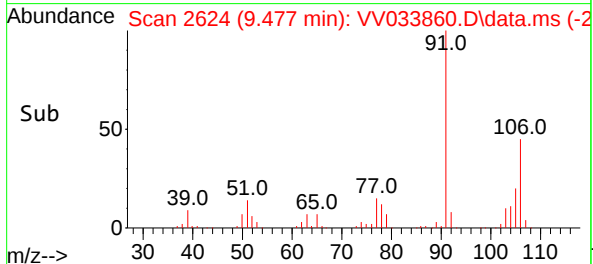
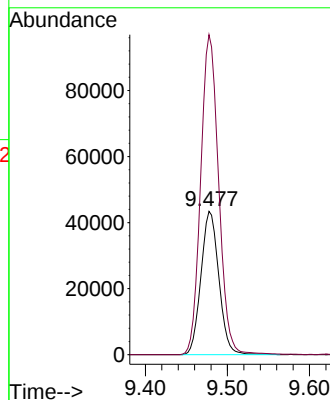
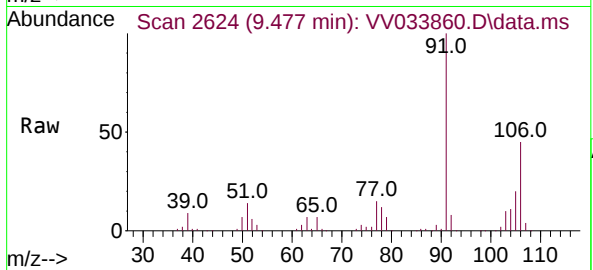




#54
o-Xylene
Concen: 4.515 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV033860.D
Acq: 25 Jan 2024 09:57

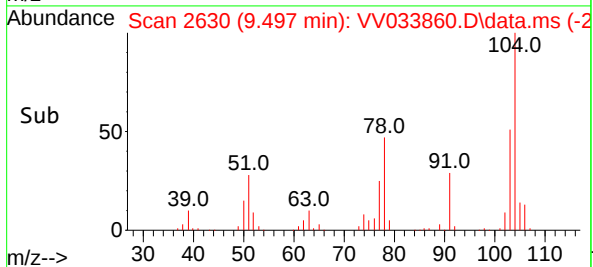
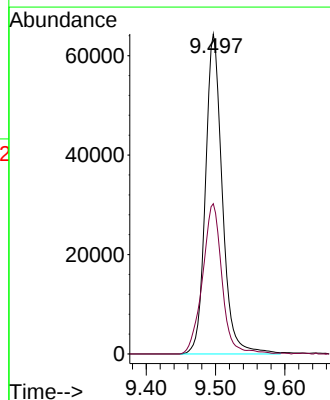
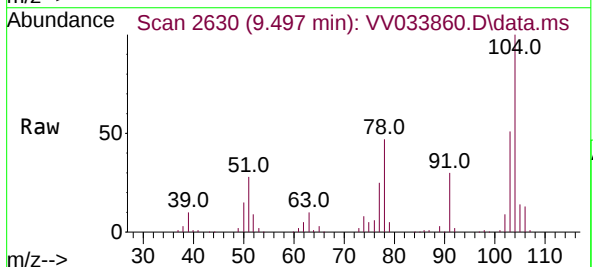
Instrument :
MSVOA_V
ClientSampleId :

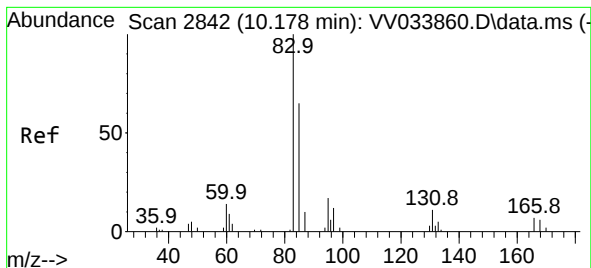
Tgt Ion:106 Resp: 65871
Ion Ratio Lower Upper
106 100
91 223.1 156.2 290.0



#55
Styrene
Concen: 4.640 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV033860.D
Acq: 25 Jan 2024 09:57

Tgt Ion:104 Resp: 108573
Ion Ratio Lower Upper
104 100
78 47.0 32.9 61.1

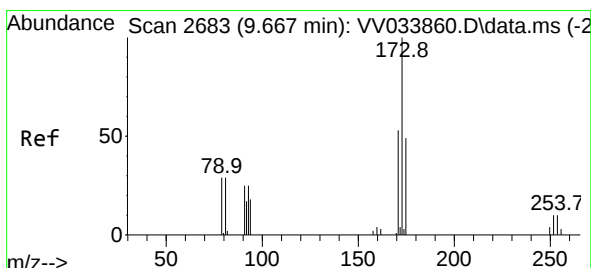
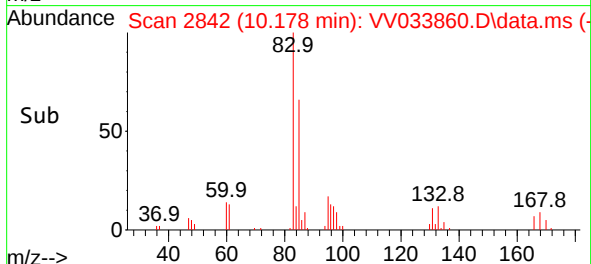
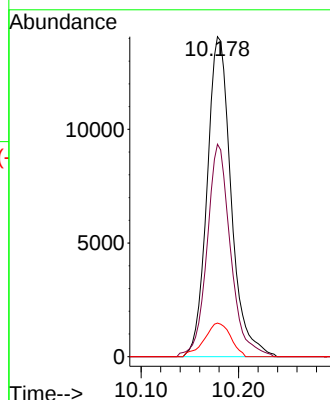
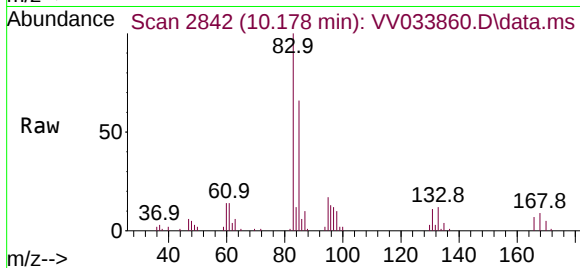




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.724 ug/L
 RT: 10.178 min Scan# 2842
 Delta R.T. 0.000 min
 Lab File: VV033860.D
 Acq: 25 Jan 2024 09:57

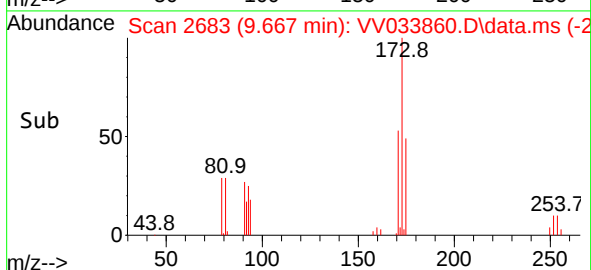
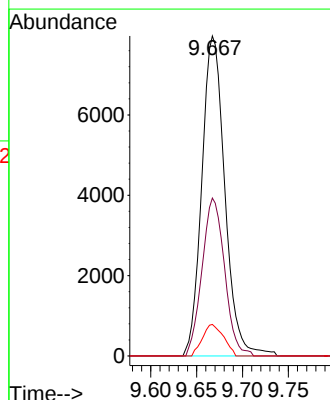
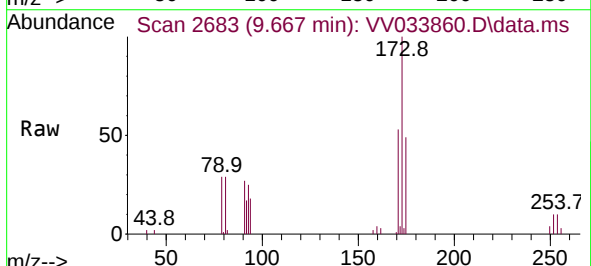
Instrument :
 MSVOA_V
 ClientSampleId :

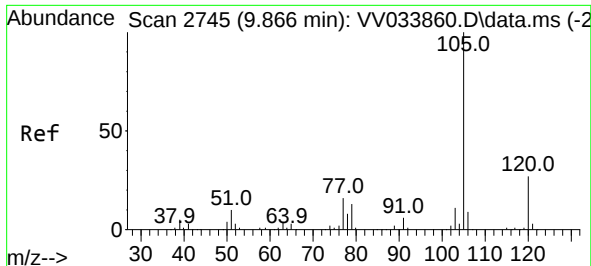
Tgt Ion: 83 Resp: 24106
 Ion Ratio Lower Upper
 83 100
 85 66.4 46.5 86.3
 131 10.5 8.4 12.6



#59
 Bromoform
 Concen: 4.857 ug/L
 RT: 9.667 min Scan# 2683
 Delta R.T. 0.000 min
 Lab File: VV033860.D
 Acq: 25 Jan 2024 09:57

Tgt Ion: 173 Resp: 13922
 Ion Ratio Lower Upper
 173 100
 175 48.2 38.6 57.8
 254 9.0 7.2 10.8

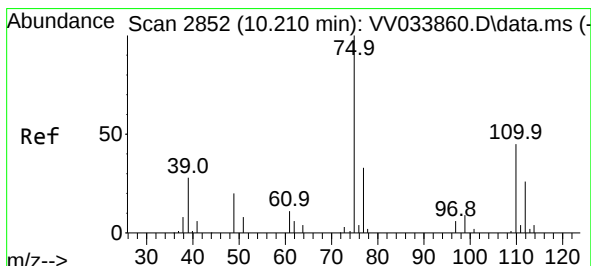
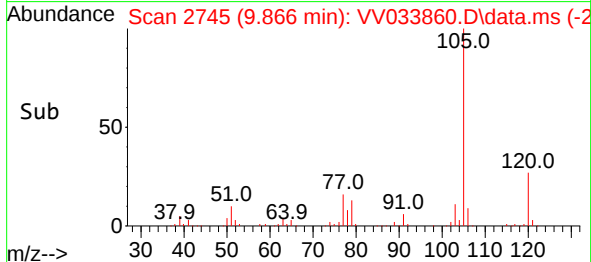
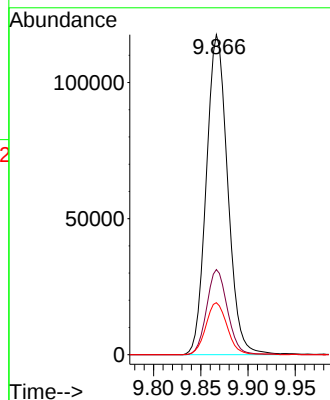
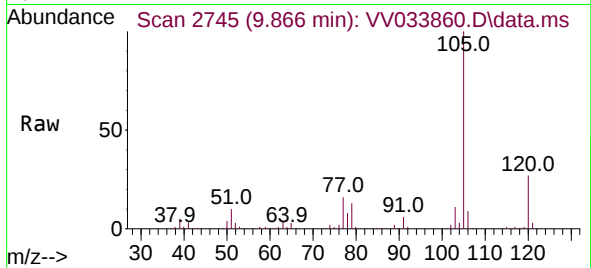




#60
Isopropylbenzene
Concen: 4.898 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV033860.D
Acq: 25 Jan 2024 09:57

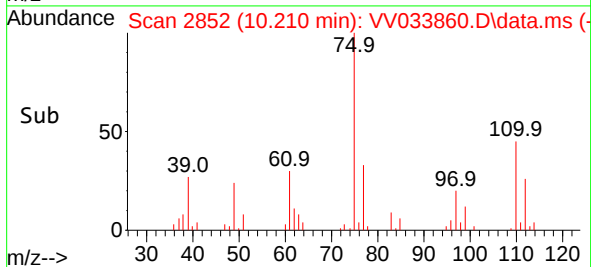
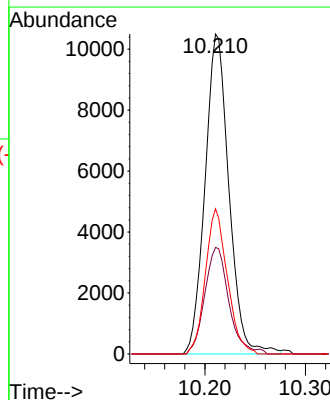
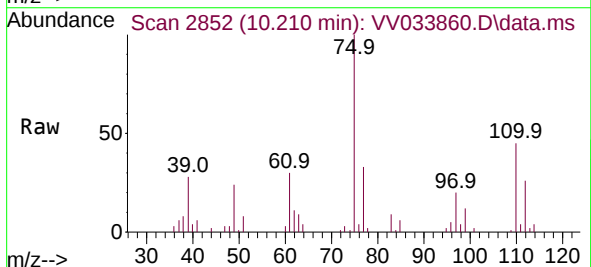
Instrument :
MSVOA_V
ClientSampleId :

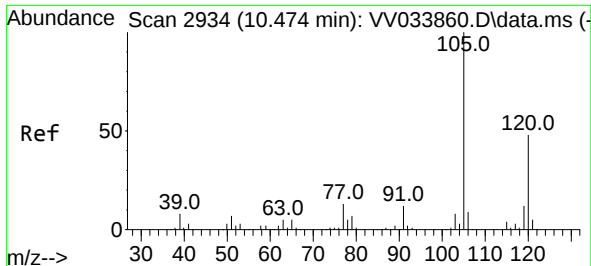
Tgt Ion:105 Resp: 184997
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1
77 16.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.605 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV033860.D
Acq: 25 Jan 2024 09:57

Tgt Ion: 75 Resp: 17330
Ion Ratio Lower Upper
75 100
77 33.6 26.9 40.3
110 41.6 33.3 49.9

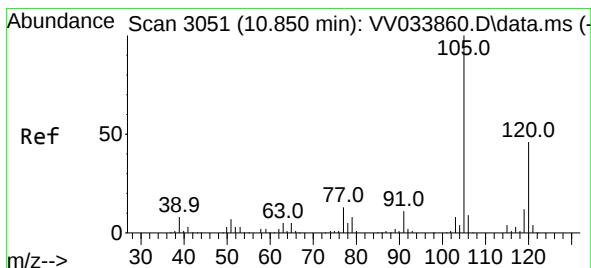
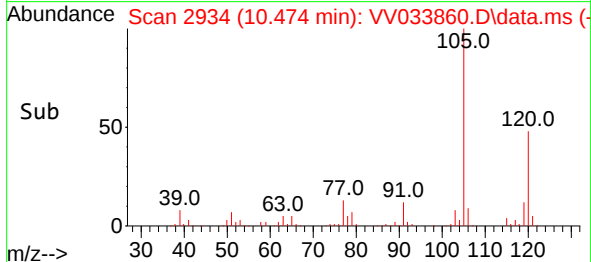
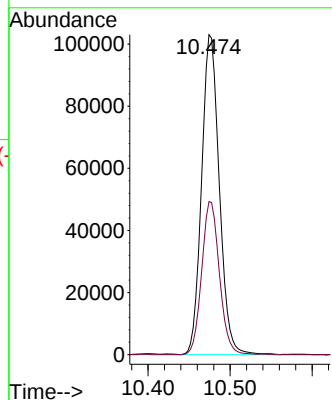
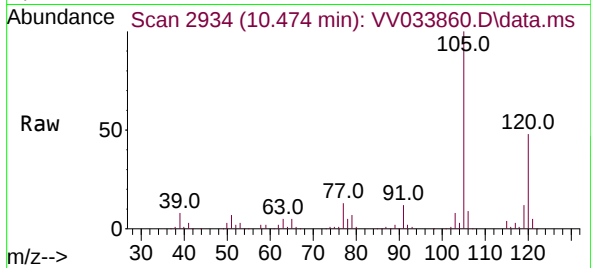




#62
1,3,5-Trimethylbenzene
Concen: 4.794 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. 0.000 min
Lab File: VV033860.D
Acq: 25 Jan 2024 09:57

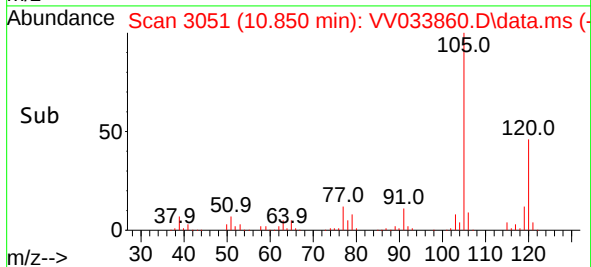
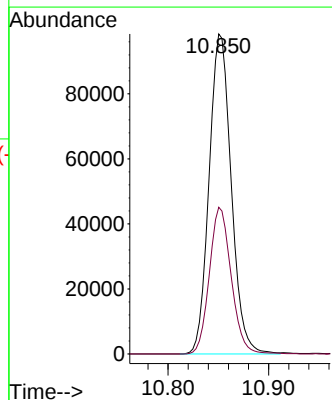
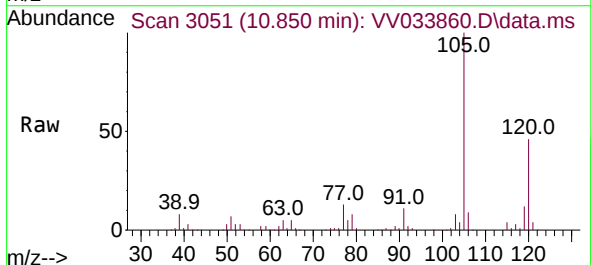
Instrument :
MSVOA_V
ClientSampleId :

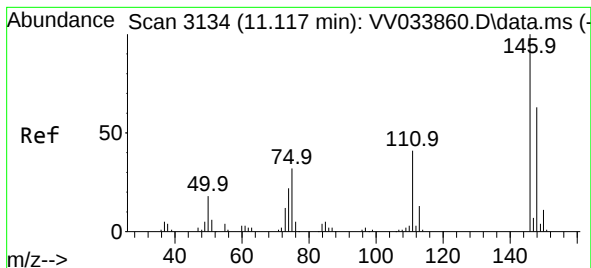
Tgt Ion:105 Resp: 154940
Ion Ratio Lower Upper
105 100
120 47.8 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 4.645 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VV033860.D
Acq: 25 Jan 2024 09:57

Tgt Ion:105 Resp: 150563
Ion Ratio Lower Upper
105 100
120 45.2 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 4.777 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.000 min

Lab File: VV033860.D

Acq: 25 Jan 2024 09:57

Instrument :

MSVOA_V

ClientSampleId :

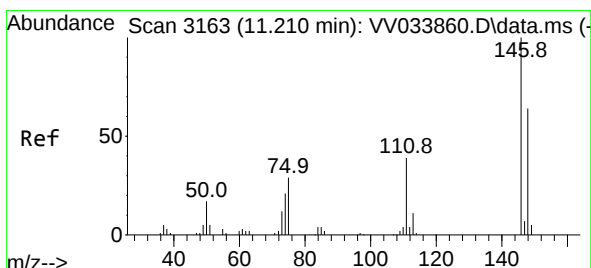
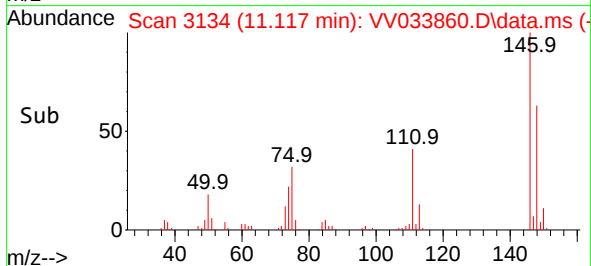
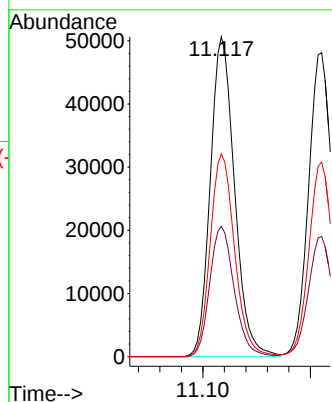
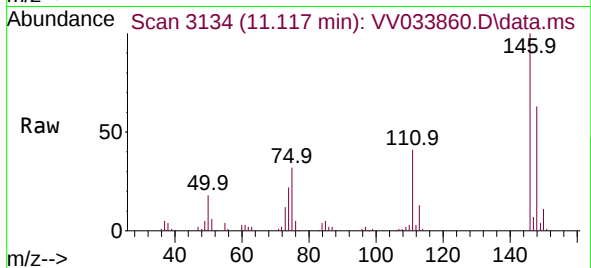
Tgt Ion:146 Resp: 79254

Ion Ratio Lower Upper

146 100

111 40.7 28.5 52.9

148 63.4 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 4.755 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VV033860.D

Acq: 25 Jan 2024 09:57

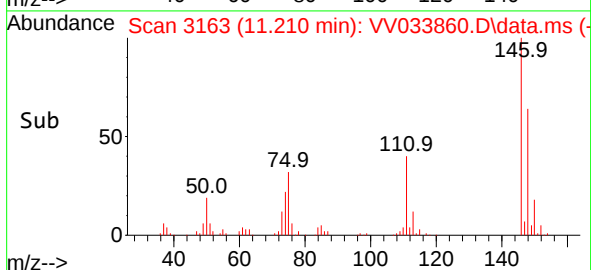
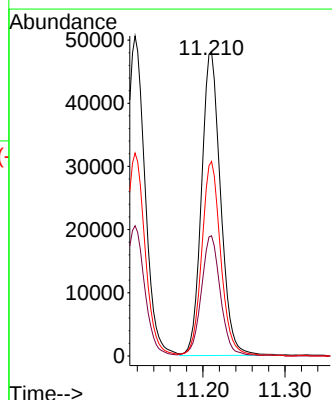
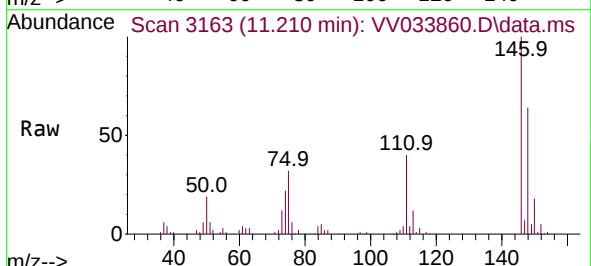
Tgt Ion:146 Resp: 77590

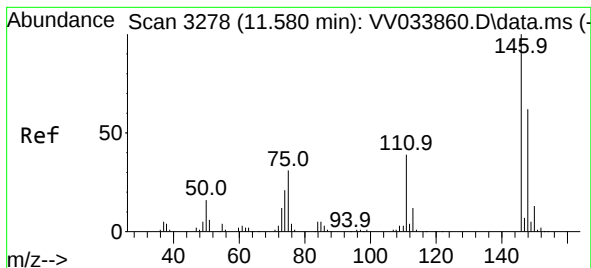
Ion Ratio Lower Upper

146 100

111 39.5 27.6 51.4

148 64.0 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 4.749 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033860.D

Acq: 25 Jan 2024 09:57

Instrument :

MSVOA_V

ClientSampleId :

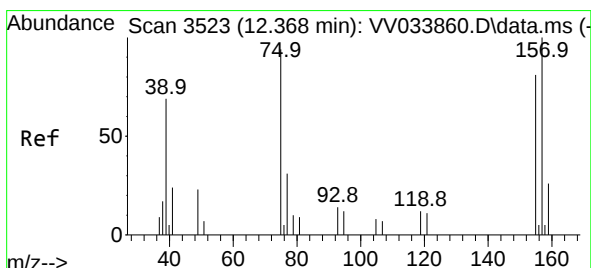
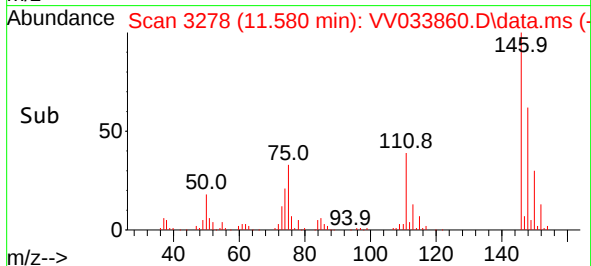
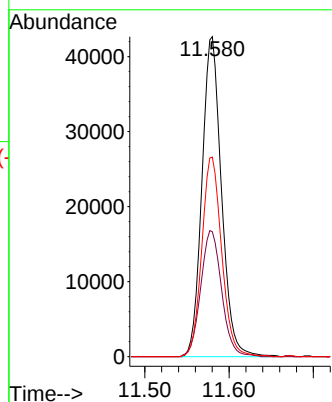
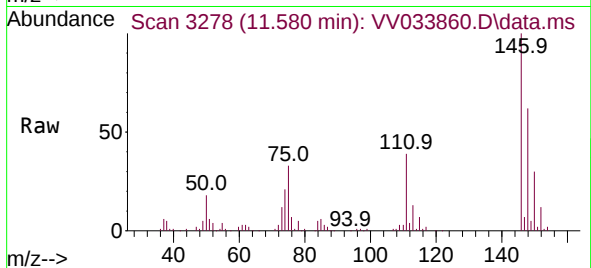
Tgt Ion:146 Resp: 68861

Ion Ratio Lower Upper

146 100

111 39.0 31.2 46.8

148 62.3 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.612 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.000 min

Lab File: VV033860.D

Acq: 25 Jan 2024 09:57

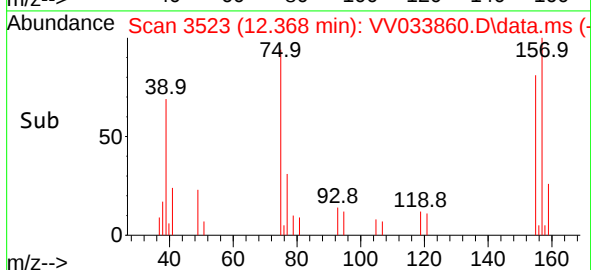
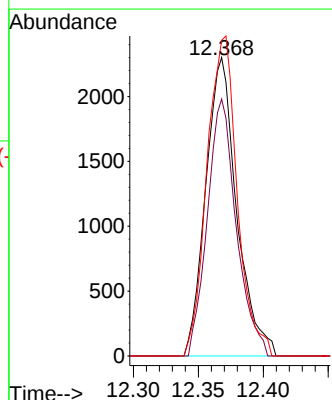
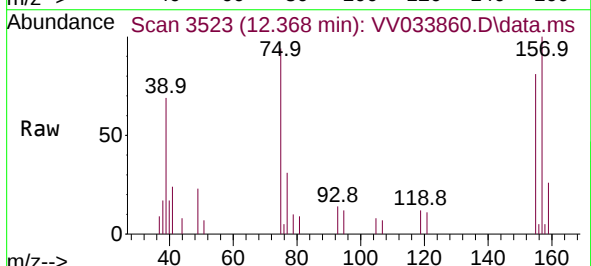
Tgt Ion: 75 Resp: 3812

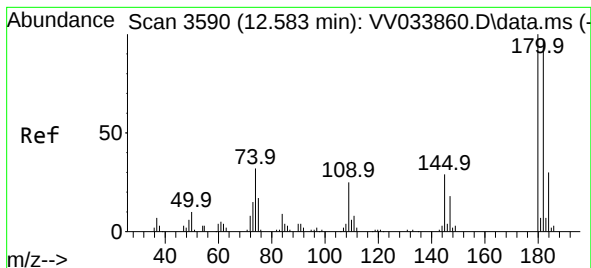
Ion Ratio Lower Upper

75 100

155 86.1 68.9 103.3

157 105.8 84.6 127.0





#69

1,3,5-Trichlorobenzene

Concen: 4.762 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.000 min

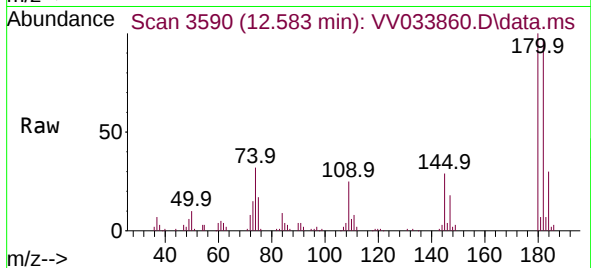
Lab File: VV033860.D

Acq: 25 Jan 2024 09:57

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 61687

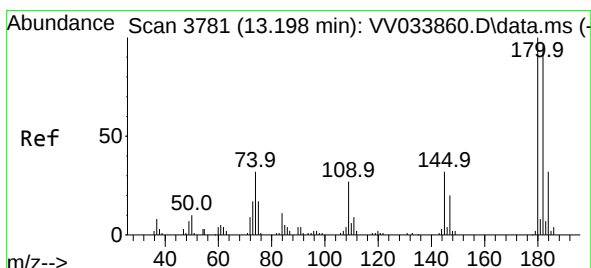
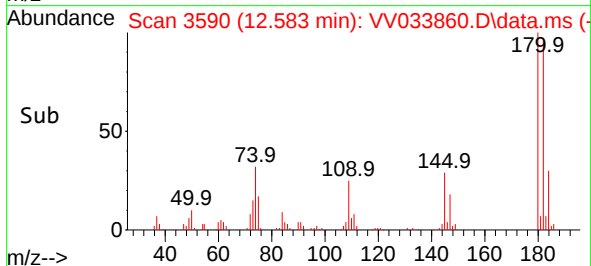
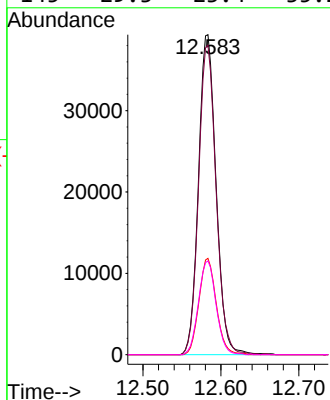
Ion Ratio Lower Upper

180 100

182 96.2 77.0 115.4

184 29.7 23.8 35.6

145 29.3 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 4.401 ug/L

RT: 13.198 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV033860.D

Acq: 25 Jan 2024 09:57

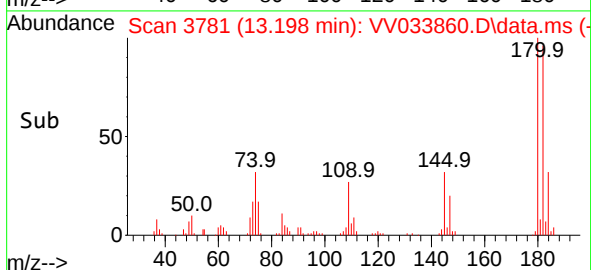
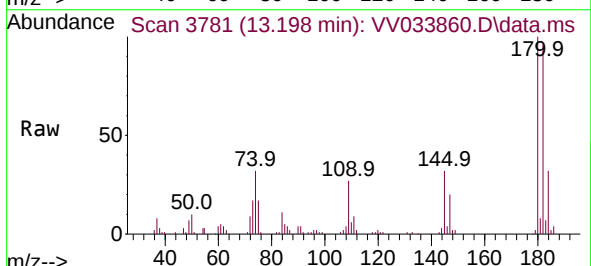
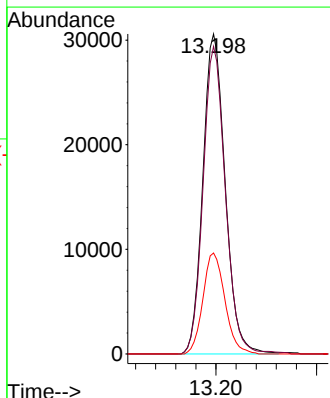
Tgt Ion:180 Resp: 47211

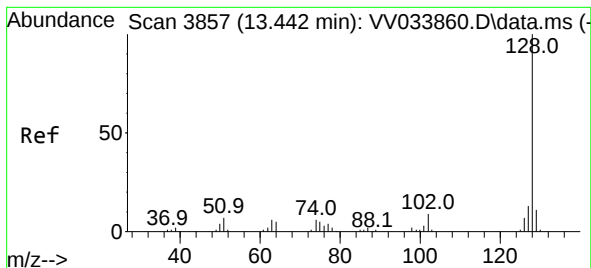
Ion Ratio Lower Upper

180 100

182 96.0 76.8 115.2

145 31.0 24.8 37.2





#71

Naphthalene

Concen: 3.424 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.000 min

Lab File: VV033860.D

Acq: 25 Jan 2024 09:57

Instrument :

MSVOA_V

ClientSampleId :

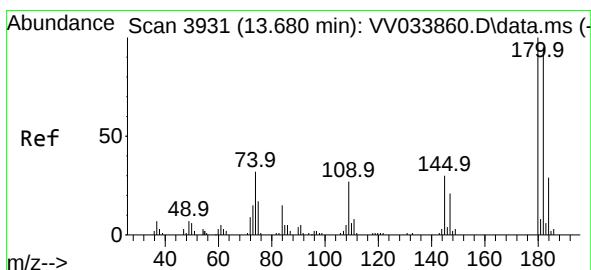
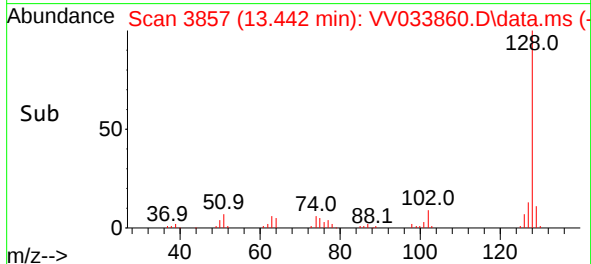
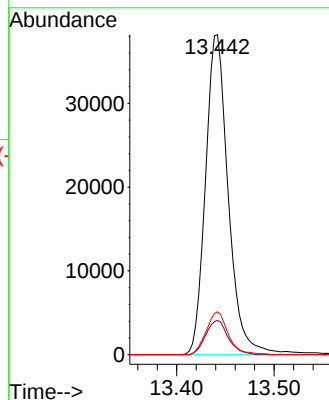
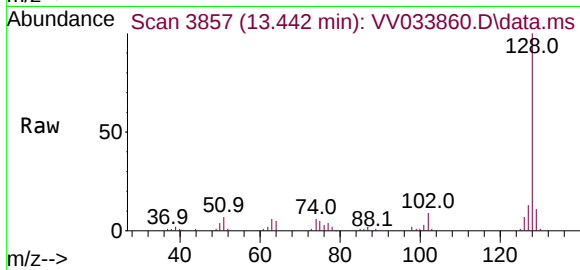
Tgt Ion:128 Resp: 61889

Ion Ratio Lower Upper

128 100

129 10.6 8.5 12.7

127 13.0 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 4.522 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV033860.D

Acq: 25 Jan 2024 09:57

Tgt Ion:180 Resp: 39456

Ion Ratio Lower Upper

180 100

182 93.8 75.0 112.6

145 31.5 25.2 37.8

