

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012524\
 Data File : VW033858.D
 Acq On : 25 Jan 2024 09:11
 Operator : SY/MD
 Sample : VSTD0.5
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 25 20:54:03 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	5.535	114	103802	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	95645	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	45427	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	3339	0.533	ug/L	0.00
7) Chloroethane-d5	1.535	69	2720	0.489	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	1759	0.614	ug/L	0.00
20) 2-Butanone-d5	3.899	46	807	0.567	ug/L	0.07
24) Chloroform-d	4.256	84	5410	0.414	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.953	65	2399	0.404	ug/L	0.00
32) Benzene-d6	4.969	84	11300	0.457	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	2972	0.373	ug/L	0.00
41) Toluene-d8	7.252	98	10068	0.452	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.574	79	1130	0.402	ug/L	0.02
46) 2-Hexanone-d5	8.056	63	3300	3.030	ug/L	0.03
56) 1,1,2,2-Tetrachloroeth...	10.156	84	1793	0.382	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	3467	0.469	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	4780	0.505	ug/L	98
3) Chloromethane	1.214	50	5875	0.529	ug/L	95
5) Vinyl chloride	1.281	62	4801	0.449	ug/L #	40
6) Bromomethane	1.490	94	2811	0.527	ug/L	93
8) Chloroethane	1.552	64	4013	0.615	ug/L	86
9) Trichlorofluoromethane	1.712	101	6983	0.522	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	3587	0.486	ug/L	95
12) 1,1-Dichloroethene	2.069	96	3600	0.488	ug/L	98
13) Acetone	2.150	43	1646	1.464	ug/L #	57
14) Carbon disulfide	2.240	76	11657	0.440	ug/L	99
15) Methyl Acetate	2.394	43	999	0.384	ug/L #	53
16) Methylene chloride	2.449	84	3538	0.421	ug/L	99
17) Methyl tert-butyl Ether	2.709	73	6253	0.380	ug/L	94
18) trans-1,2-Dichloroethene	2.696	96	3850	0.473	ug/L	85
19) 1,1-Dichloroethane	3.114	63	6222	0.389	ug/L	98
21) 2-Butanone	3.944	43	536	0.346	ug/L #	78
22) cis-1,2-Dichloroethene	3.828	96	4905	0.571	ug/L	92
23) Bromochloromethane	4.159	128	1238	0.394	ug/L #	82
25) Chloroform	4.281	83	6577	0.442	ug/L	100
27) 1,2-Dichloroethane	5.063	62	3062	0.358	ug/L #	76
29) 1,1,1-Trichloroethane	4.510	97	6063	0.449	ug/L	93
30) Cyclohexane	4.580	56	6014	0.385	ug/L	97
31) Carbon tetrachloride	4.738	117	5247	0.453	ug/L	99
33) Benzene	5.018	78	13772	0.417	ug/L	100
34) Trichloroethene	5.841	95	4476	0.504	ug/L	97
35) Methylcyclohexane	6.050	83	6583	0.442	ug/L	97
37) 1,2-Dichloropropane	6.098	63	3075	0.373	ug/L #	91
38) Bromodichloromethane	6.442	83	4234	0.418	ug/L	89
39) cis-1,3-Dichloropropene	6.969	75	4616	0.391	ug/L	99
40) 4-Methyl-2-pentanone	7.175	43	14046	3.670	ug/L	95
42) Toluene	7.323	91	14267	0.407	ug/L	96
44) trans-1,3-Dichloropropene	7.600	75	3369	0.353	ug/L	95

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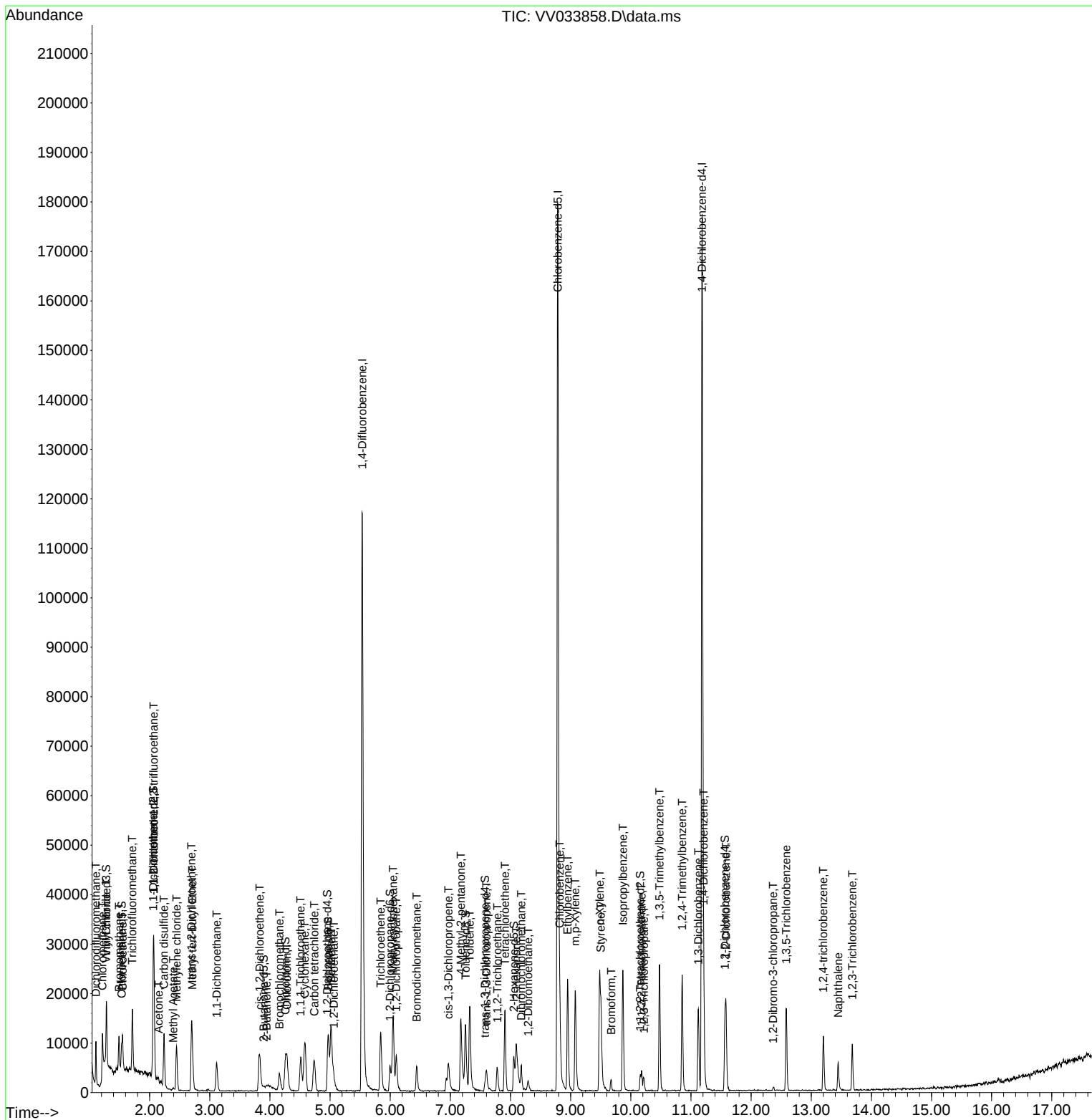
Instrument :
 MSVOA_V
 ClientSampleId :

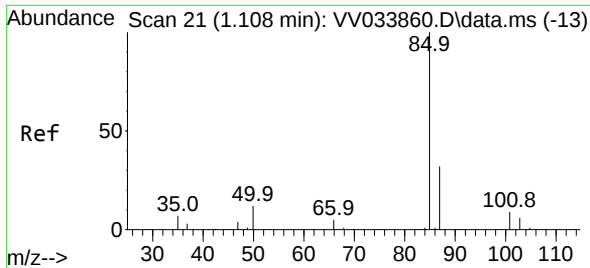
Quant Time: Jan 25 20:54:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 25 20:53:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.780	97	1988	0.429	ug/L	97
47) Tetrachloroethene	7.908	164	3883	0.599	ug/L	95
48) 2-Hexanone	8.098	43	9350	3.327	ug/L	96
49) Dibromochloromethane	8.182	129	2213	0.385	ug/L	88
50) 1,2-Dibromoethane	8.294	107	1602	0.374	ug/L #	82
51) Chlorobenzene	8.818	112	9216	0.426	ug/L	94
52) Ethylbenzene	8.950	91	16700	0.411	ug/L	95
53) m,p-Xylene	9.079	106	6250	0.416	ug/L	94
54) o-Xylene	9.484	106	5934	0.407	ug/L	96
55) Styrene	9.503	104	9026	0.386	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.181	83	2025	0.397	ug/L #	97
59) Bromoform	9.673	173	1153	0.424	ug/L #	93
60) Isopropylbenzene	9.870	105	16505	0.461	ug/L	98
61) 1,2,3-Trichloropropane	10.220	75	1428	0.400	ug/L #	84
62) 1,3,5-Trimethylbenzene	10.477	105	14115	0.461	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	13355	0.435	ug/L	97
64) 1,3-Dichlorobenzene	11.124	146	7308	0.465	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	7271	0.470	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	6090	0.443	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.368	75	226	0.288	ug/L #	49
69) 1,3,5-Trichlorobenzene	12.583	180	5317	0.433	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	3902	0.384	ug/L	98
71) Naphthalene	13.448	128	5132	0.300	ug/L	97
72) 1,2,3-Trichlorobenzene	13.683	180	3017	0.365	ug/L	99

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

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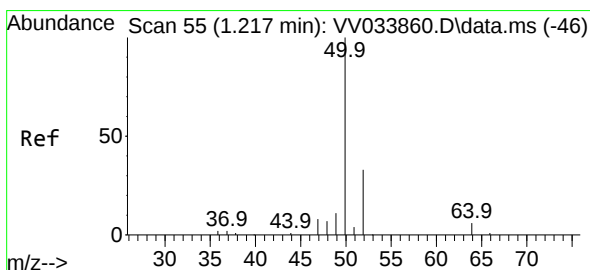
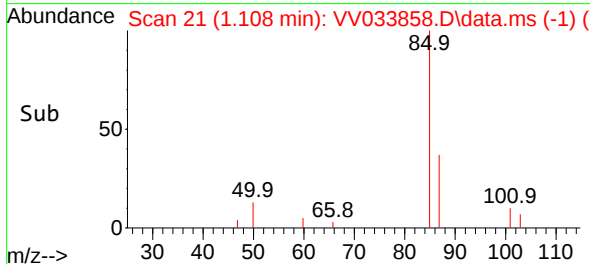
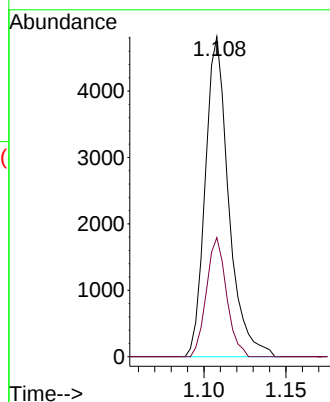
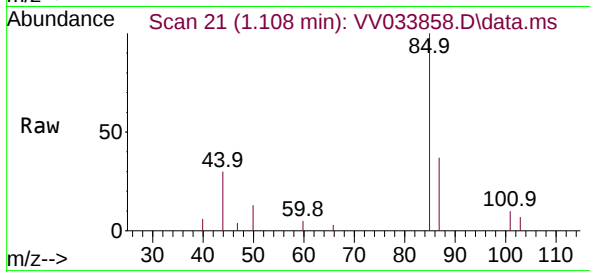




#2
 Dichlorodifluoromethane
 Concen: 0.505 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV033858.D
 Acq: 25 Jan 2024 09:11

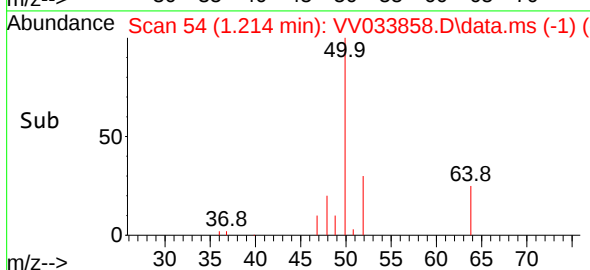
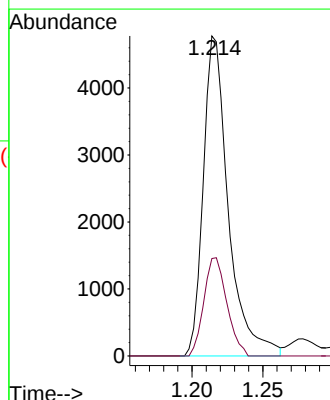
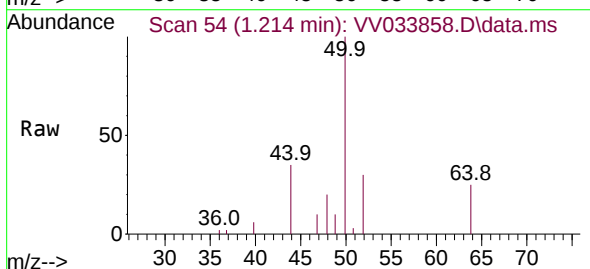
Instrument :
 MSVOA_V
 ClientSampleId :

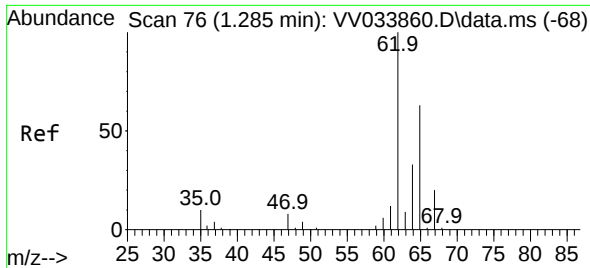
Tgt Ion: 85 Resp: 4780
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.2 39.4



#3
 Chloromethane
 Concen: 0.529 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV033858.D
 Acq: 25 Jan 2024 09:11

Tgt Ion: 50 Resp: 5875
 Ion Ratio Lower Upper
 50 100
 52 30.4 23.4 43.4

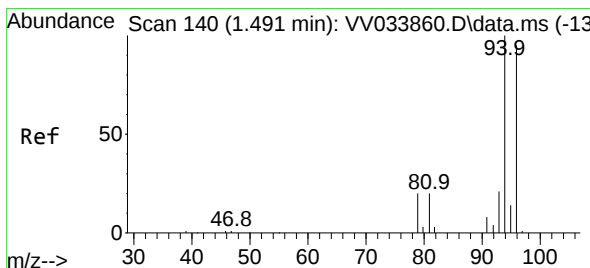
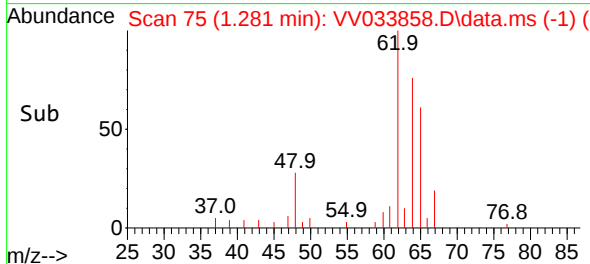
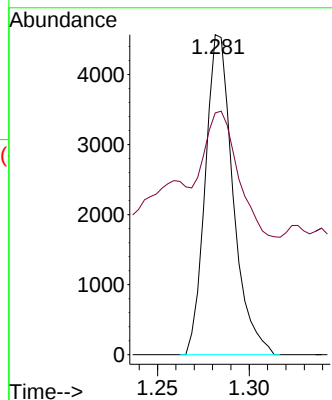
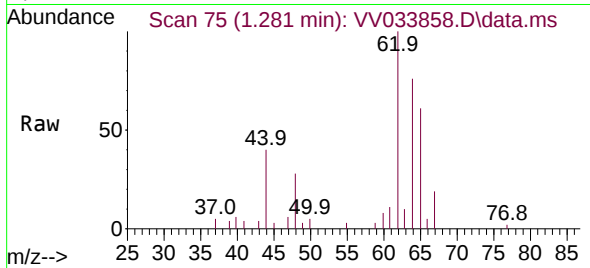




#5
 Vinyl chloride
 Concen: 0.449 ug/L
 RT: 1.281 min Scan# 76
 Delta R.T. -0.003 min
 Lab File: VV033858.D
 Acq: 25 Jan 2024 09:11

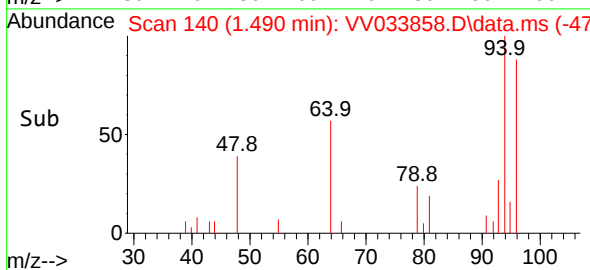
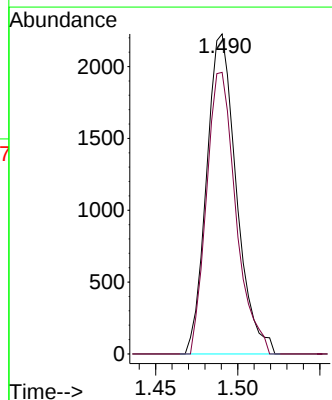
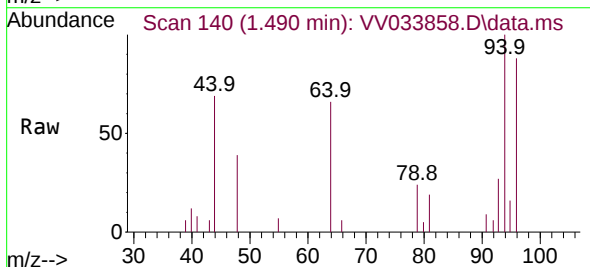
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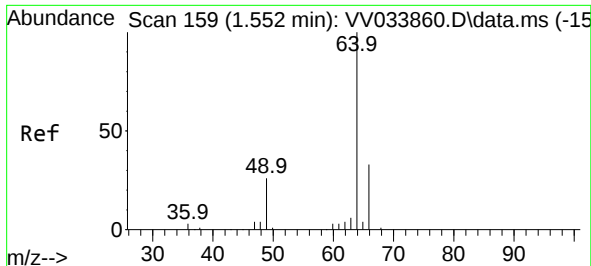
Tgt Ion: 62 Resp: 4801
 Ion Ratio Lower Upper
 62 100
 64 75.6 27.2 50.4#



#6
 Bromomethane
 Concen: 0.527 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV033858.D
 Acq: 25 Jan 2024 09:11

Tgt Ion: 94 Resp: 2811
 Ion Ratio Lower Upper
 94 100
 96 88.0 66.6 123.8

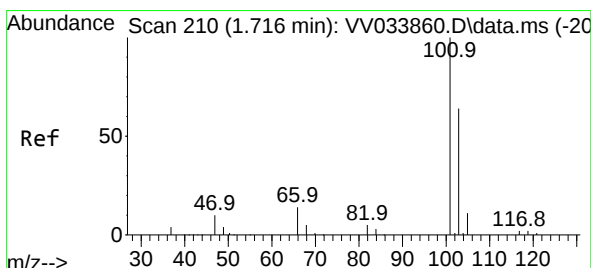
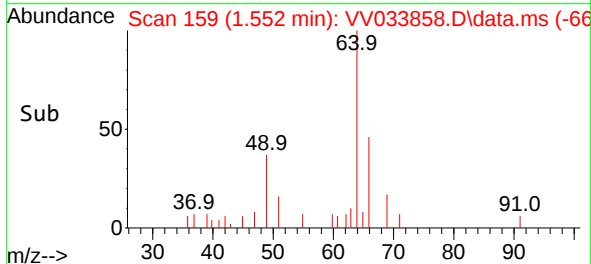
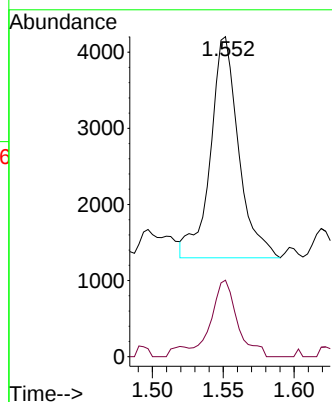
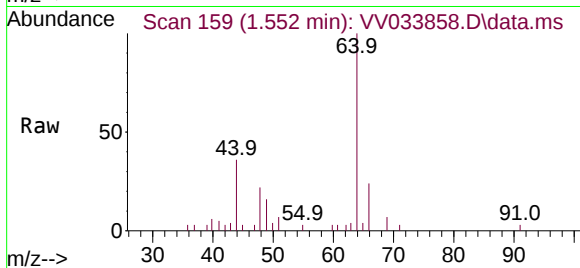




#8
Chloroethane
Concen: 0.615 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV033858.D
Acq: 25 Jan 2024 09:11

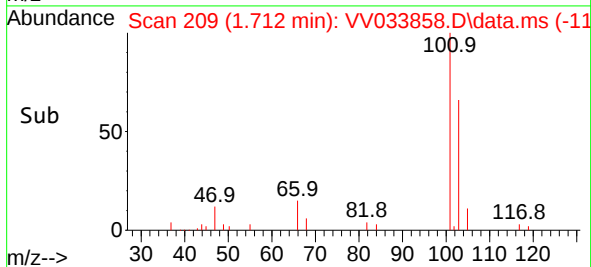
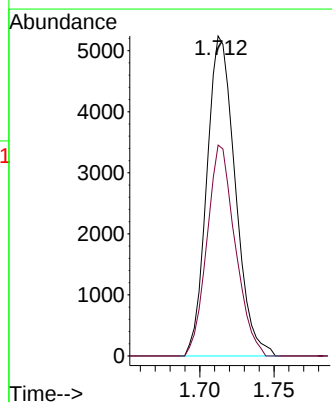
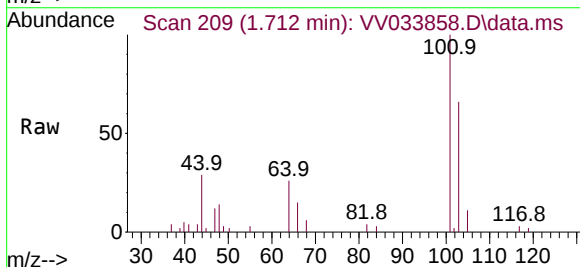
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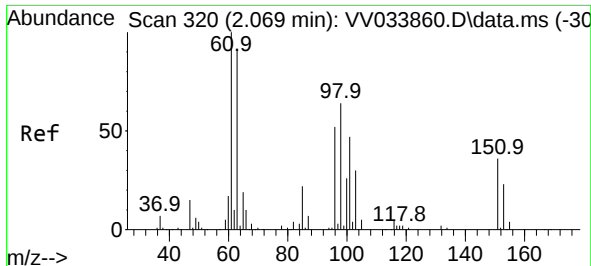
Tgt Ion: 64 Resp: 4013
Ion Ratio Lower Upper
64 100
66 23.9 22.0 41.0



#9
Trichlorofluoromethane
Concen: 0.522 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV033858.D
Acq: 25 Jan 2024 09:11

Tgt Ion:101 Resp: 6983
Ion Ratio Lower Upper
101 100
103 65.4 51.0 76.4





#10

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

Concen: 0.486 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033858.D

Acq: 25 Jan 2024 09:11

Instrument :

MSVOA_V

ClientSampleId :

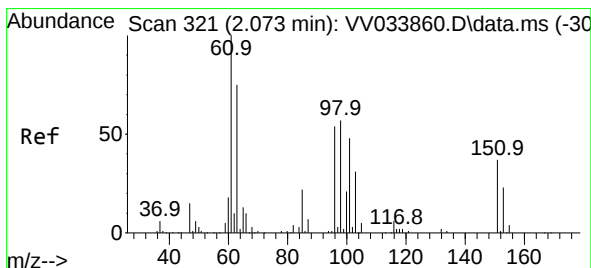
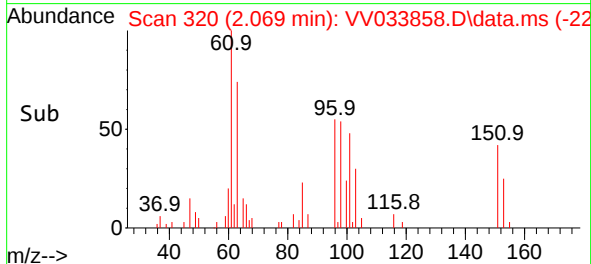
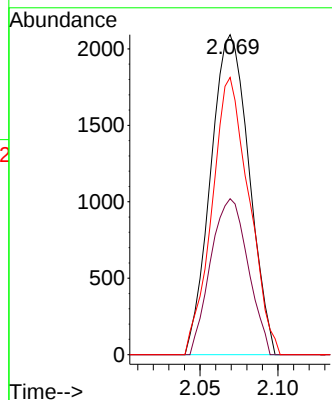
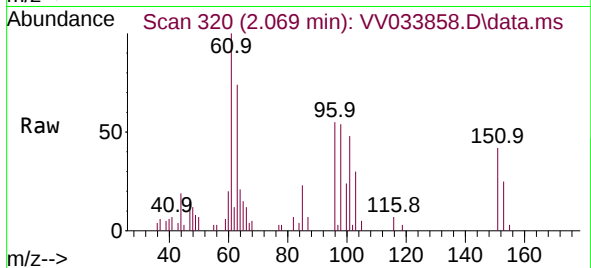
Tgt Ion:101 Resp: 3587

Ion Ratio Lower Upper

101 100

85 47.4 37.1 55.7

151 83.7 61.7 92.5



#12

1,1-Dichloroethene

Concen: 0.488 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.003 min

Lab File: VV033858.D

Acq: 25 Jan 2024 09:11

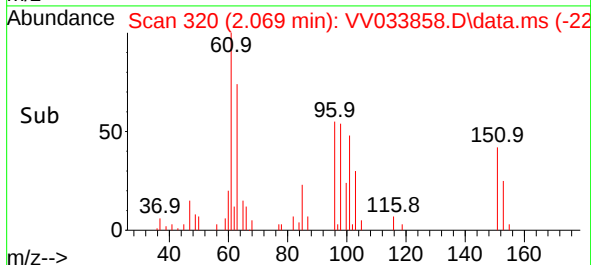
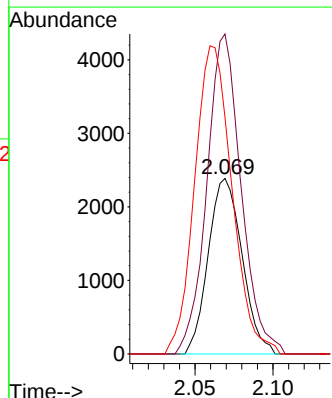
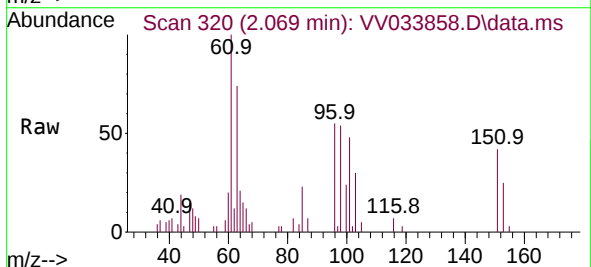
Tgt Ion: 96 Resp: 3600

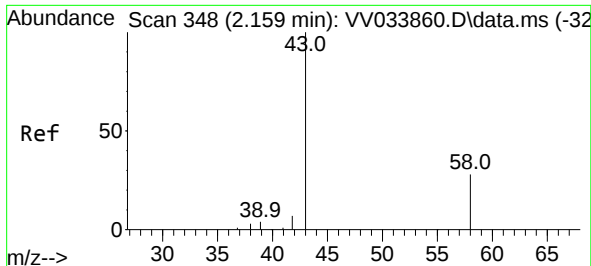
Ion Ratio Lower Upper

96 100

61 182.4 128.8 239.2

63 134.9 97.9 181.9





#13

Acetone

Concen: 1.464 ug/L

RT: 2.150 min Scan# 34

Delta R.T. -0.010 min

Lab File: VV033858.D

Acq: 25 Jan 2024 09:11

Instrument :

MSVOA_V

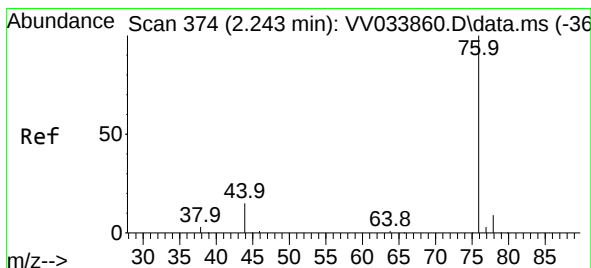
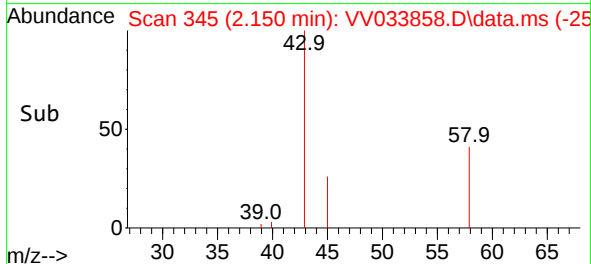
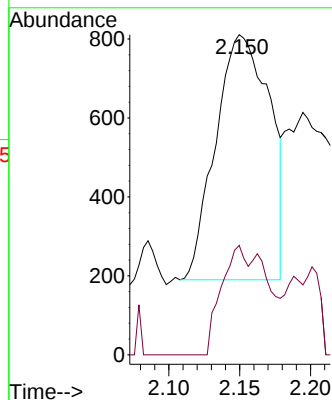
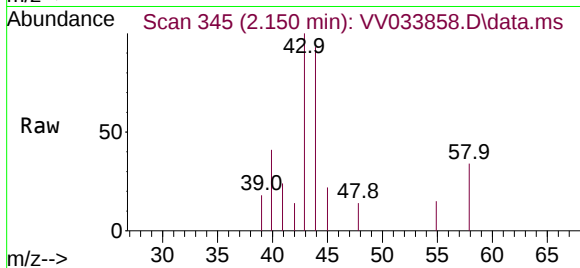
ClientSampleId :

Tgt Ion: 43 Resp: 1646

Ion Ratio Lower Upper

43 100

58 21.6 0.0 13.8#



#14

Carbon disulfide

Concen: 0.440 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV033858.D

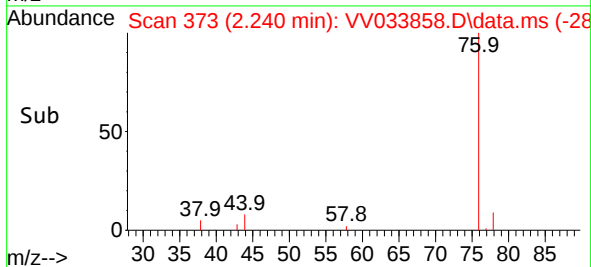
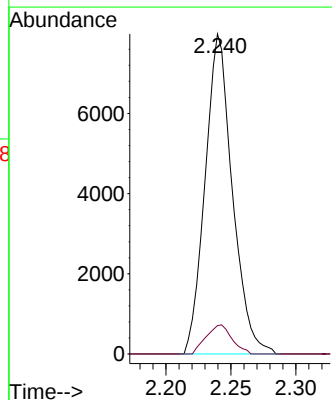
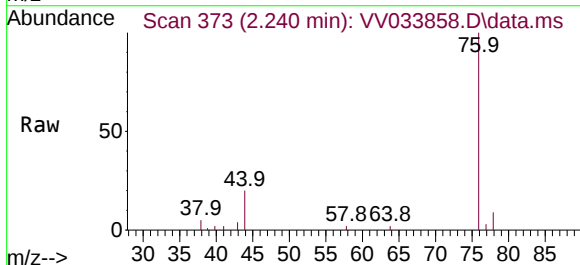
Acq: 25 Jan 2024 09:11

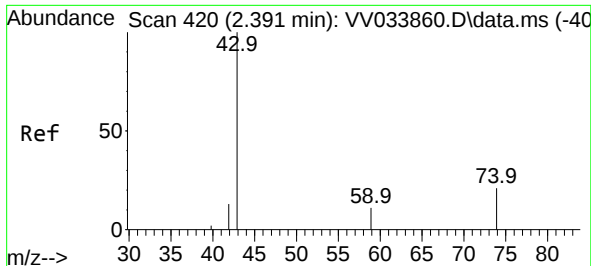
Tgt Ion: 76 Resp: 11657

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3

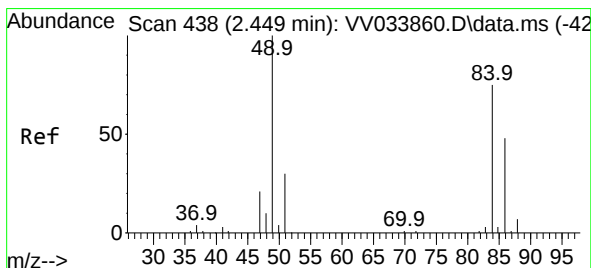
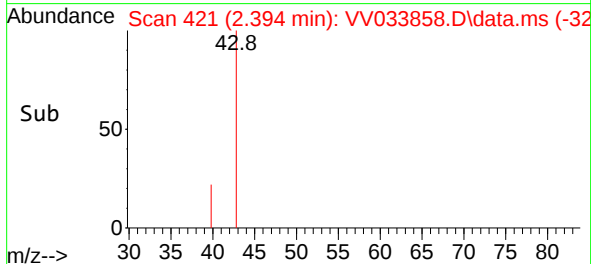
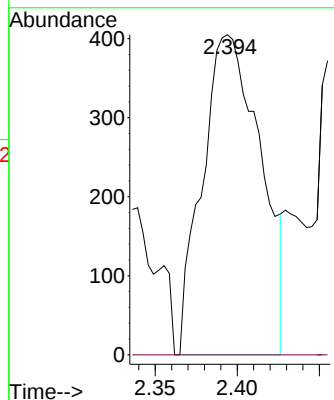
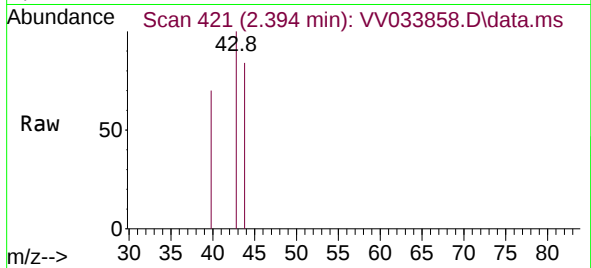




#15
Methyl Acetate
Concen: 0.384 ug/L
RT: 2.394 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV033858.D
Acq: 25 Jan 2024 09:11

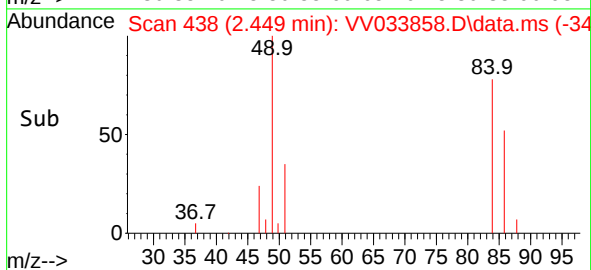
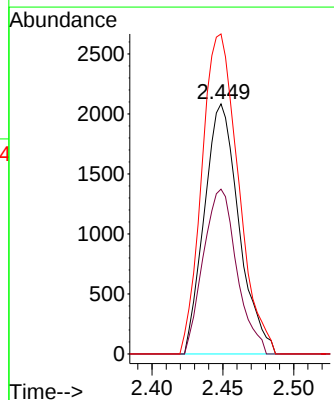
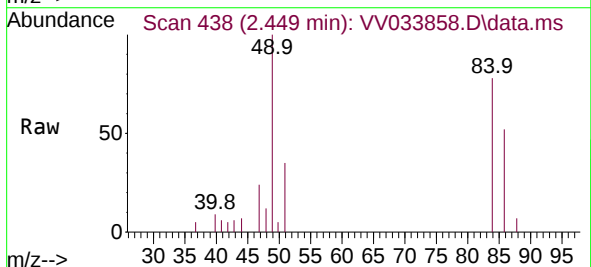
Instrument :
MSVOA_V
ClientSampleId :

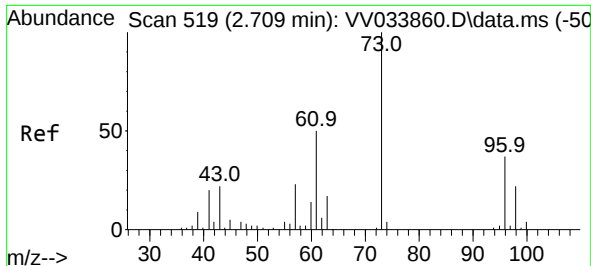
Tgt Ion: 43 Resp: 999
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.4#



#16
Methylene chloride
Concen: 0.421 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV033858.D
Acq: 25 Jan 2024 09:11

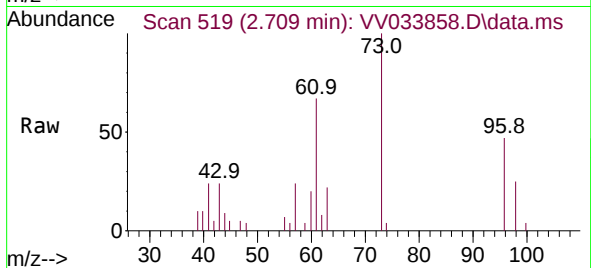
Tgt Ion: 84 Resp: 3538
Ion Ratio Lower Upper
84 100
86 65.9 44.7 83.1
49 134.8 93.7 173.9



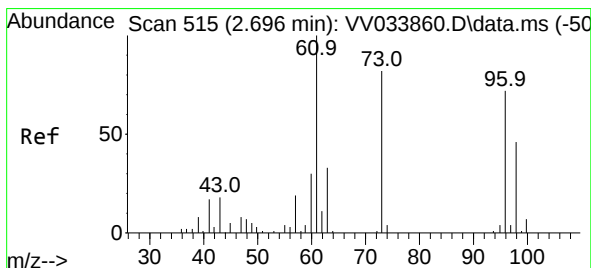
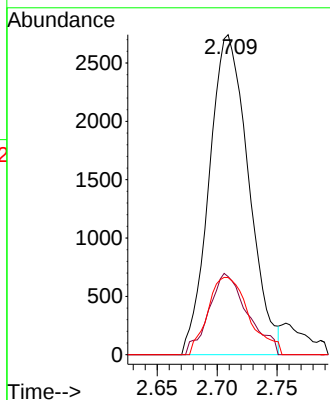
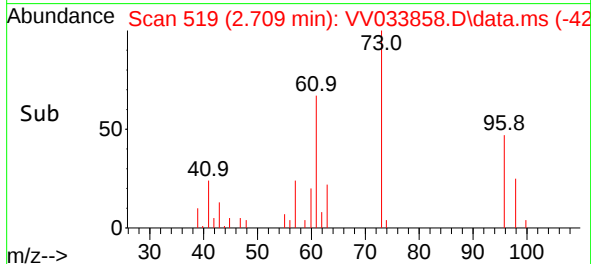


#17
Methyl tert-butyl Ether
Concen: 0.380 ug/L
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV033858.D
Acq: 25 Jan 2024 09:11

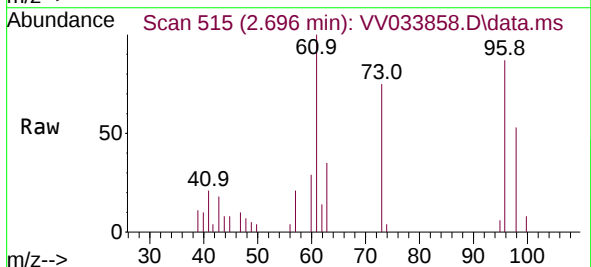
Instrument :
MSVOA_V
ClientSampleId :



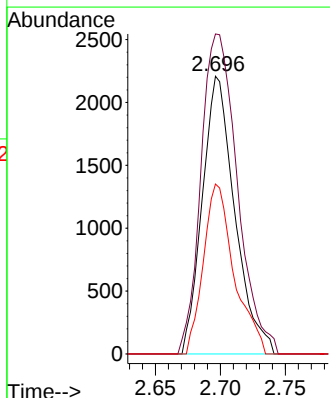
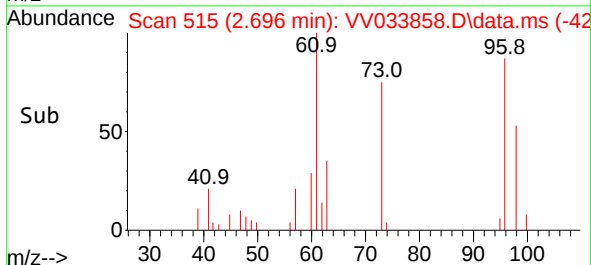
Tgt Ion: 73	Resp: 6253
Ion Ratio	Lower Upper
73 100	
43 24.9	17.7 26.5
57 25.4	17.9 26.9

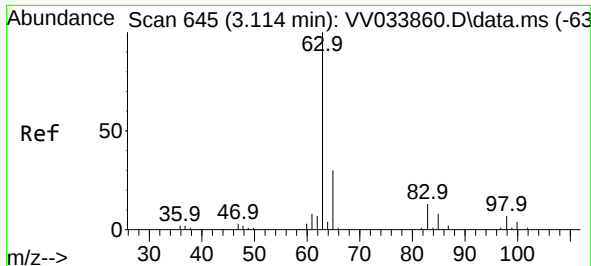


#18
trans-1,2-Dichloroethene
Concen: 0.473 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV033858.D
Acq: 25 Jan 2024 09:11



Tgt Ion: 96	Resp: 3850
Ion Ratio	Lower Upper
96 100	
61 115.2	97.6 181.4
98 61.2	44.4 82.5

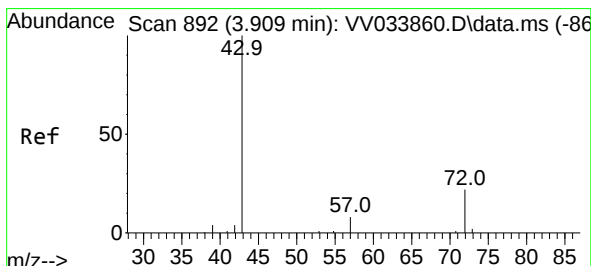
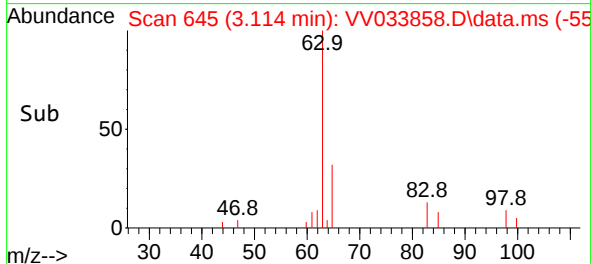
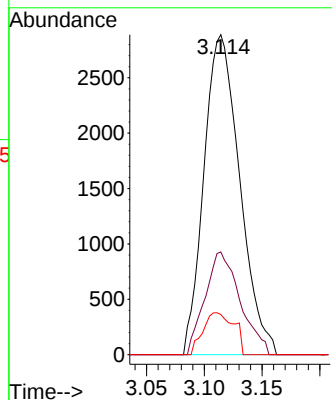
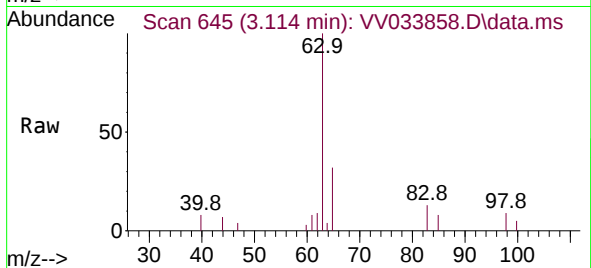




#19
1,1-Dichloroethane
Concen: 0.389 ug/L
RT: 3.114 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV033858.D
Acq: 25 Jan 2024 09:11

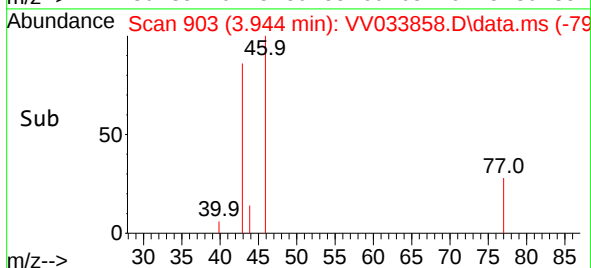
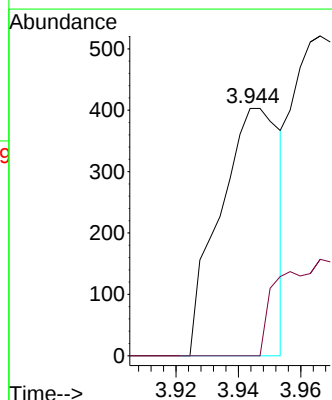
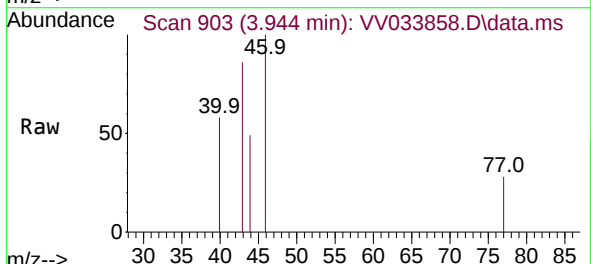
Instrument :
MSVOA_V
ClientSampleId :

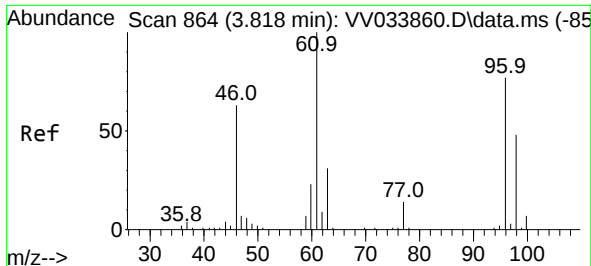
Tgt Ion: 63 Resp: 6222
Ion Ratio Lower Upper
63 100
65 30.8 20.8 38.6
83 12.0 9.4 17.4



#21
2-Butanone
Concen: 0.346 ug/L
RT: 3.944 min Scan# 903
Delta R.T. 0.035 min
Lab File: VV033858.D
Acq: 25 Jan 2024 09:11

Tgt Ion: 43 Resp: 536
Ion Ratio Lower Upper
43 100
72 0.0 4.0 11.9#





#22

cis-1,2-Dichloroethene

Concen: 0.571 ug/L

RT: 3.828 min Scan# 80

Delta R.T. 0.010 min

Lab File: VV033858.D

Acq: 25 Jan 2024 09:11

Instrument :

MSVOA_V

ClientSampleId :

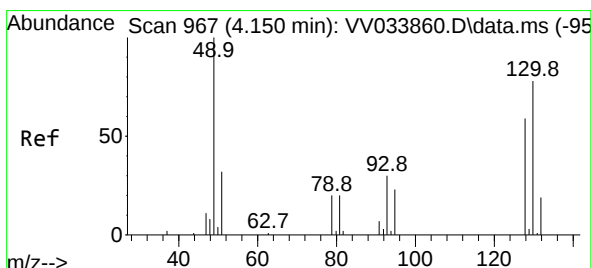
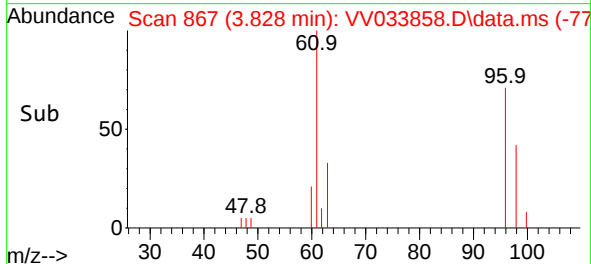
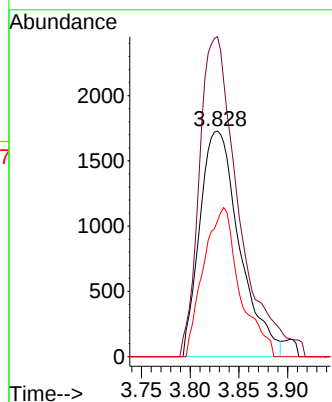
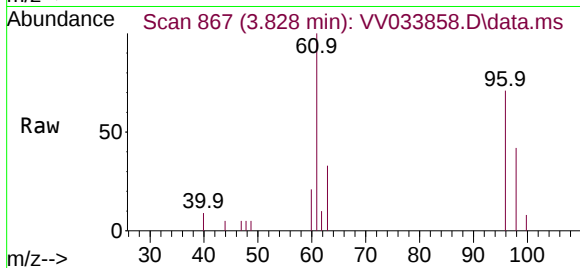
Tgt Ion: 96 Resp: 4905

Ion Ratio Lower Upper

96 100

61 141.8 90.3 167.7

98 60.2 43.2 80.2



#23

Bromochloromethane

Concen: 0.394 ug/L

RT: 4.159 min Scan# 970

Delta R.T. 0.010 min

Lab File: VV033858.D

Acq: 25 Jan 2024 09:11

Tgt Ion: 128 Resp: 1238

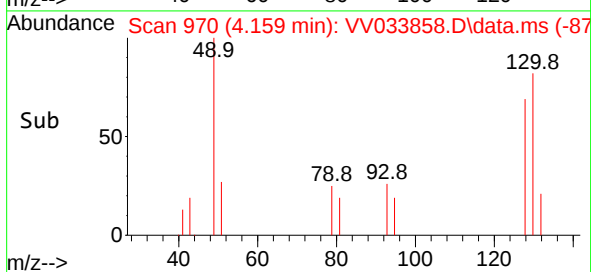
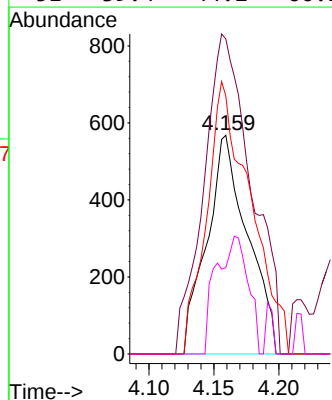
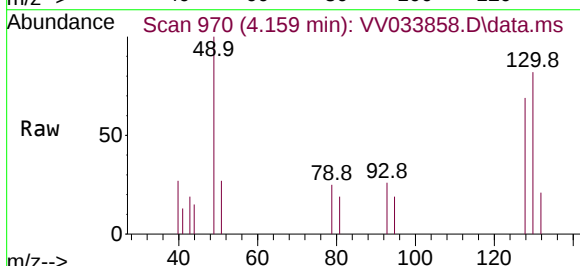
Ion Ratio Lower Upper

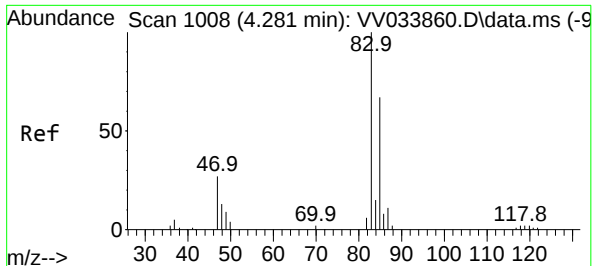
128 100

49 144.0 120.5 223.7

130 118.0 93.4 173.4

51 39.4 44.2 66.2#





#25

Chloroform

Concen: 0.442 ug/L

RT: 4.281 min Scan# 1008

Delta R.T. -0.000 min

Lab File: VV033858.D

Acq: 25 Jan 2024 09:11

Instrument :

MSVOA_V

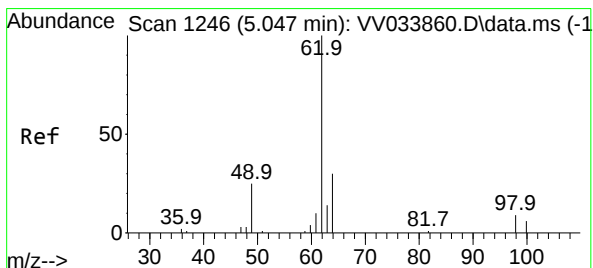
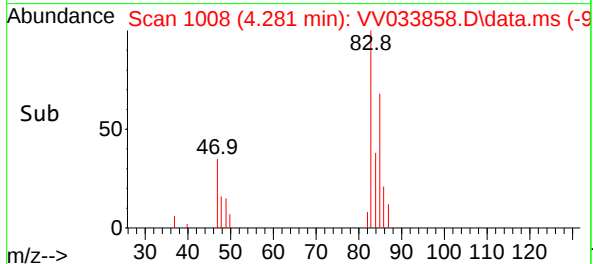
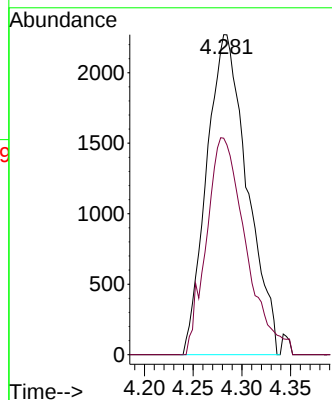
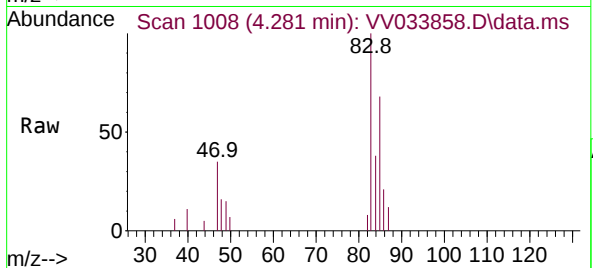
ClientSampleId :

Tgt Ion: 83 Resp: 6577

Ion Ratio Lower Upper

83 100

85 67.7 47.5 88.1



#27

1,2-Dichloroethane

Concen: 0.358 ug/L

RT: 5.063 min Scan# 1251

Delta R.T. 0.016 min

Lab File: VV033858.D

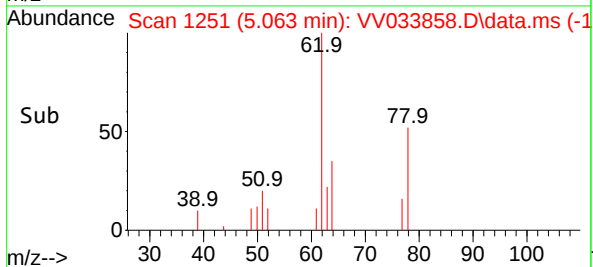
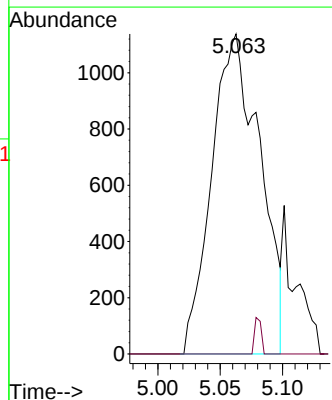
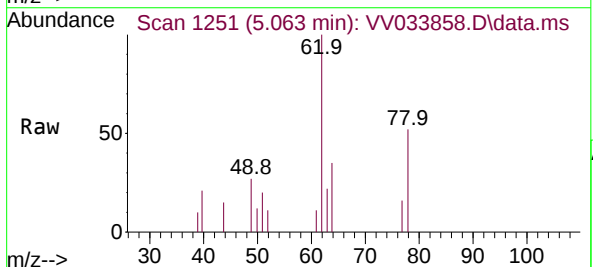
Acq: 25 Jan 2024 09:11

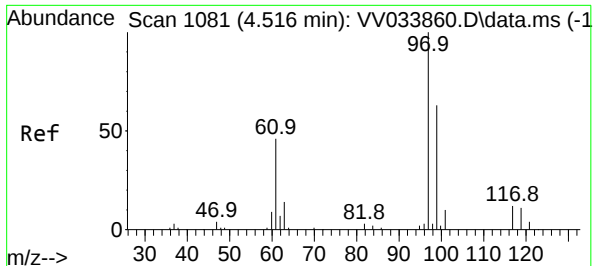
Tgt Ion: 62 Resp: 3062

Ion Ratio Lower Upper

62 100

98 0.0 6.9 10.3#





#29

1,1,1-Trichloroethane

Concen: 0.449 ug/L

RT: 4.510 min Scan# 110

Delta R.T. -0.007 min

Lab File: VV033858.D

Acq: 25 Jan 2024 09:11

Instrument :

MSVOA_V

ClientSampleId :

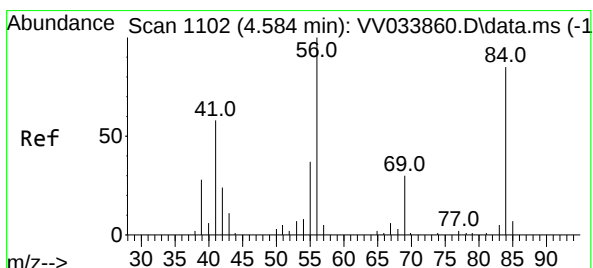
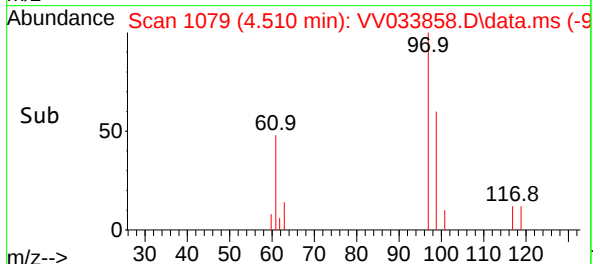
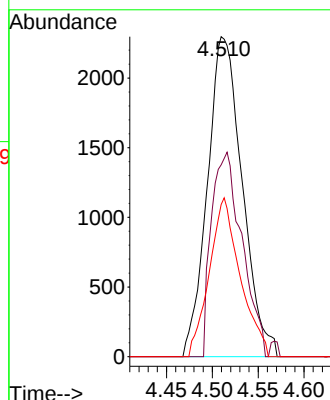
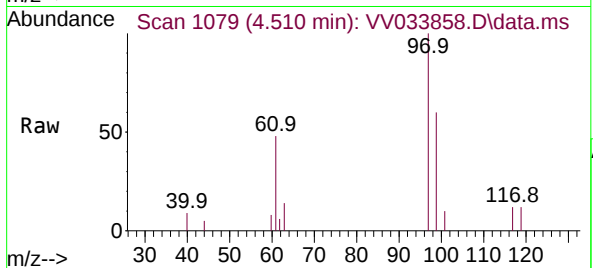
Tgt Ion: 97 Resp: 6063

Ion Ratio Lower Upper

97 100

99 56.1 50.6 75.8

61 44.0 36.8 55.2



#30

Cyclohexane

Concen: 0.385 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.003 min

Lab File: VV033858.D

Acq: 25 Jan 2024 09:11

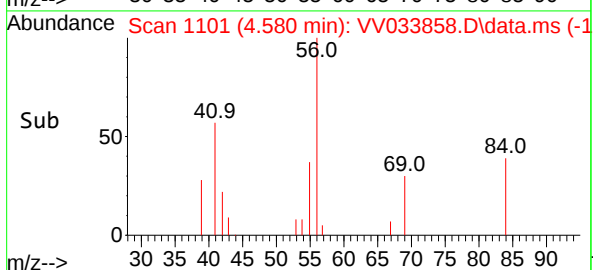
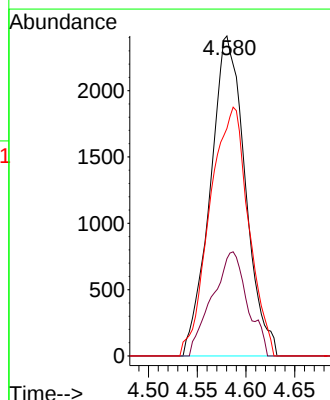
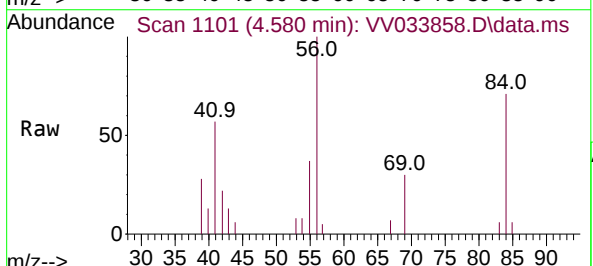
Tgt Ion: 56 Resp: 6014

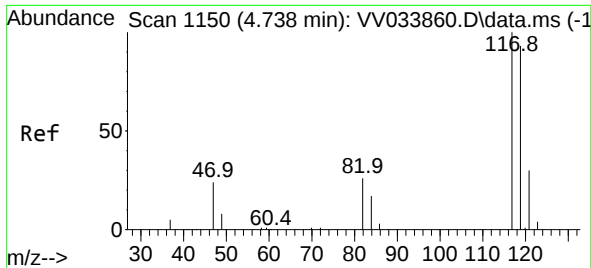
Ion Ratio Lower Upper

56 100

69 32.9 24.2 36.2

84 85.9 70.0 105.0

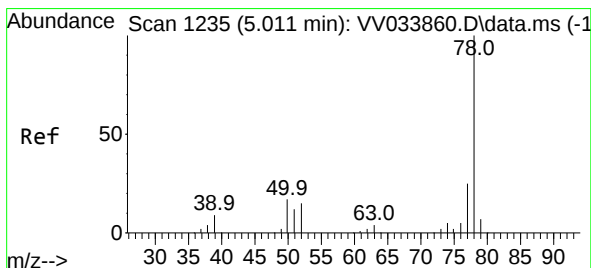
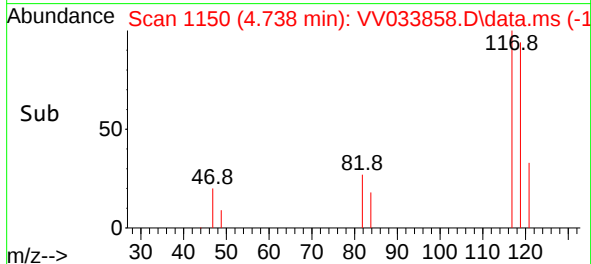
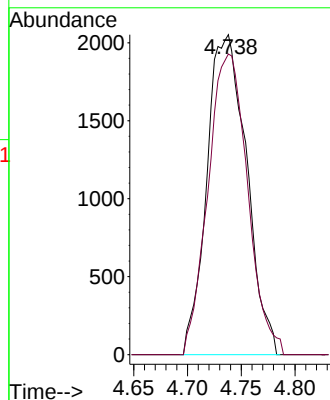
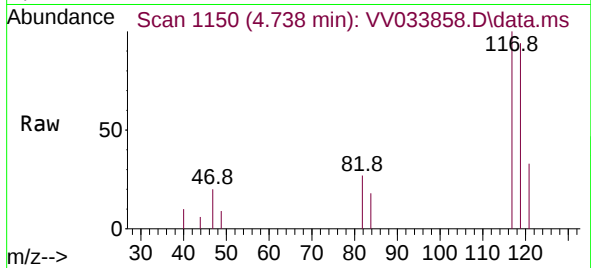




#31
Carbon tetrachloride
Concen: 0.453 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VV033858.D
Acq: 25 Jan 2024 09:11

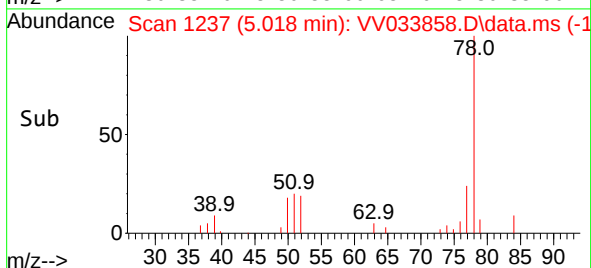
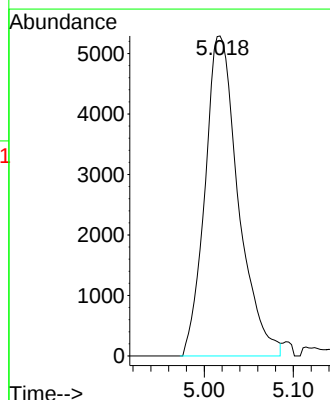
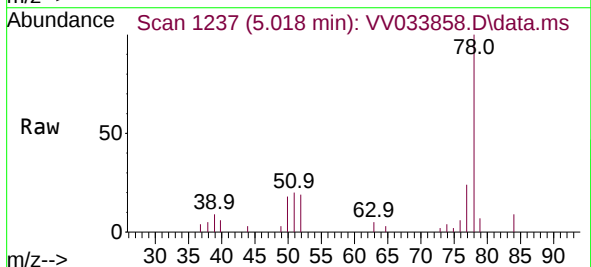
Instrument :
MSVOA_V
ClientSampleId :

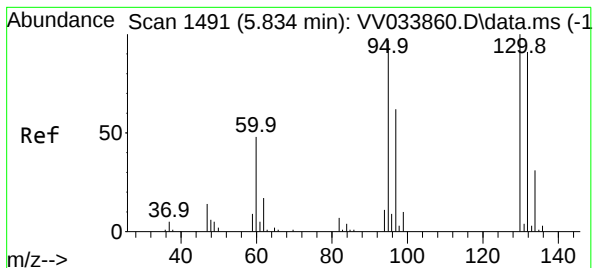
Tgt Ion:117 Resp: 5247
Ion Ratio Lower Upper
117 100
119 93.7 76.1 114.1



#33
Benzene
Concen: 0.417 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.006 min
Lab File: VV033858.D
Acq: 25 Jan 2024 09:11

Tgt Ion: 78 Resp: 13772





#34

Trichloroethene

Concen: 0.504 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VV033858.D

Acq: 25 Jan 2024 09:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 4476

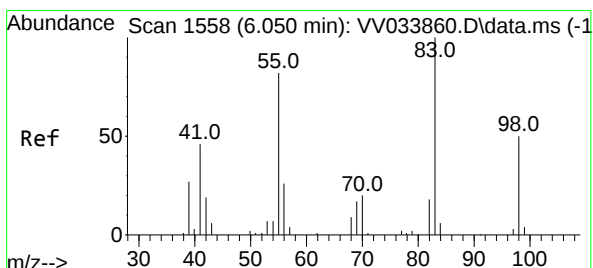
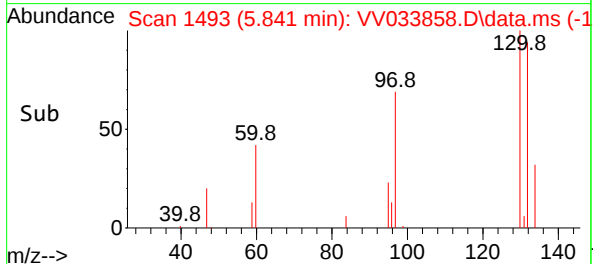
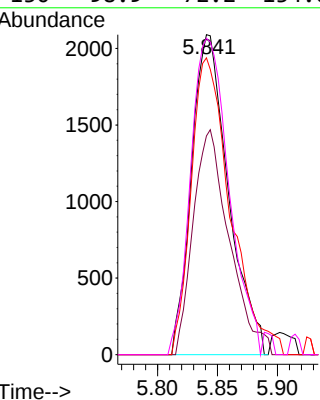
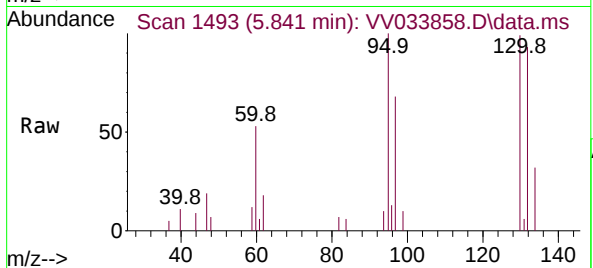
Ion Ratio Lower Upper

95 100

97 68.3 45.1 83.7

132 92.7 66.0 122.6

130 98.9 72.2 134.0



#35

Methylcyclohexane

Concen: 0.442 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.000 min

Lab File: VV033858.D

Acq: 25 Jan 2024 09:11

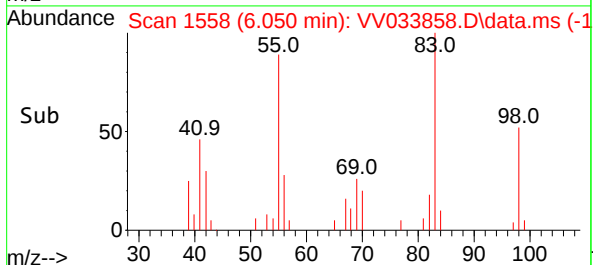
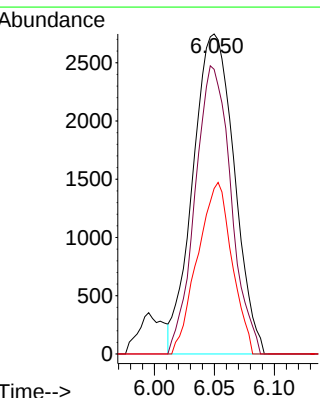
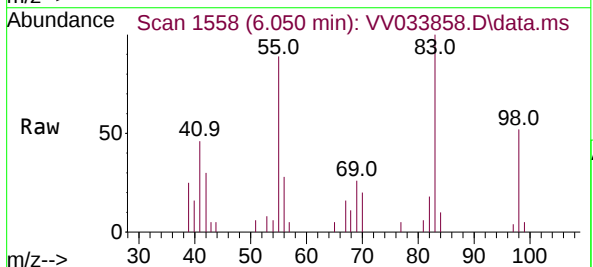
Tgt Ion: 83 Resp: 6583

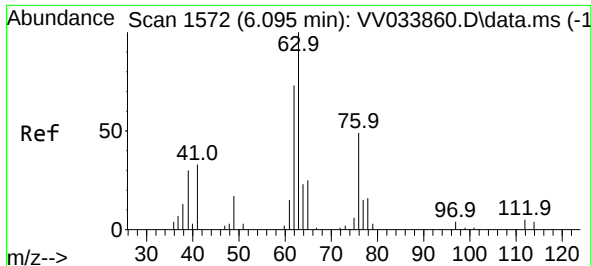
Ion Ratio Lower Upper

83 100

55 78.2 63.5 95.3

98 44.5 39.0 58.4





#37

1,2-Dichloropropane

Concen: 0.373 ug/L

RT: 6.098 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV033858.D

Acq: 25 Jan 2024 09:11

Instrument :

MSVOA_V

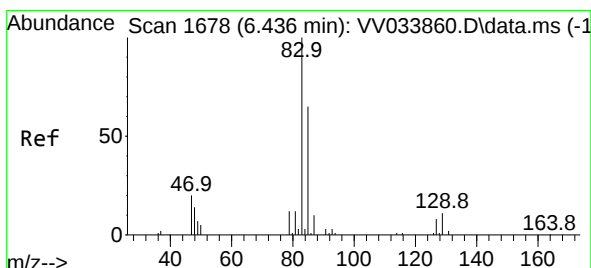
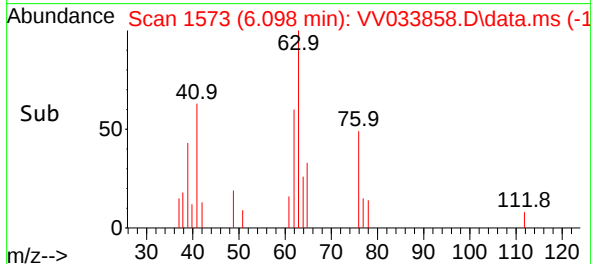
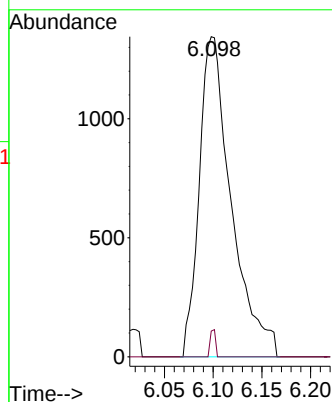
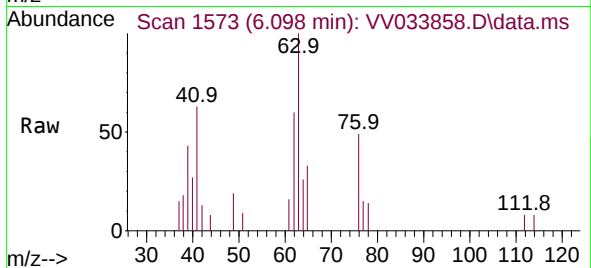
ClientSampleId :

Tgt Ion: 63 Resp: 3075

Ion Ratio Lower Upper

63 100

112 1.4 3.4 5.0#



#38

Bromodichloromethane

Concen: 0.418 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.006 min

Lab File: VV033858.D

Acq: 25 Jan 2024 09:11

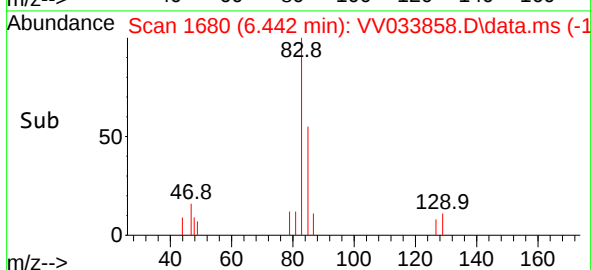
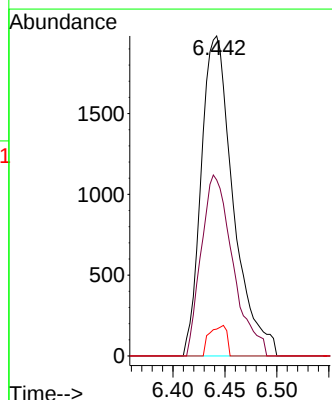
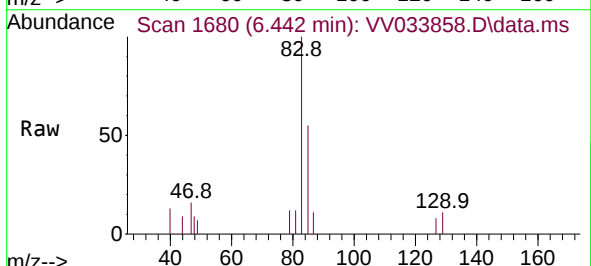
Tgt Ion: 83 Resp: 4234

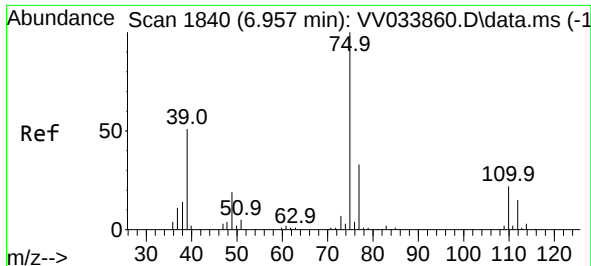
Ion Ratio Lower Upper

83 100

85 55.0 45.4 84.2

127 8.4 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 0.391 ug/L

RT: 6.969 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV033858.D

Acq: 25 Jan 2024 09:11

Instrument :

MSVOA_V

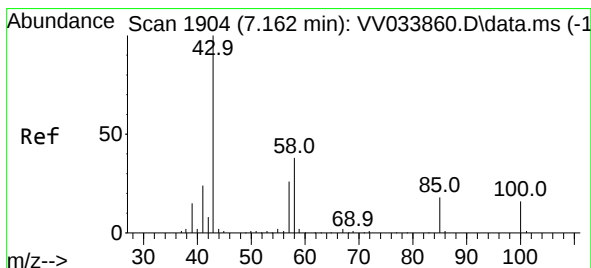
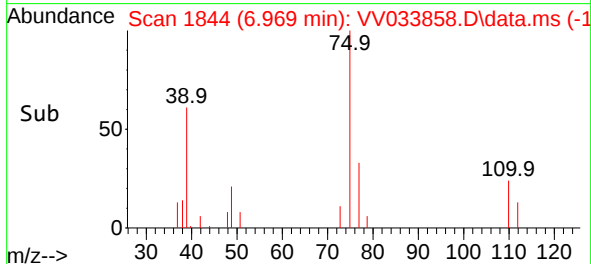
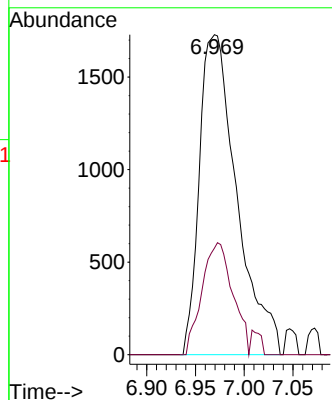
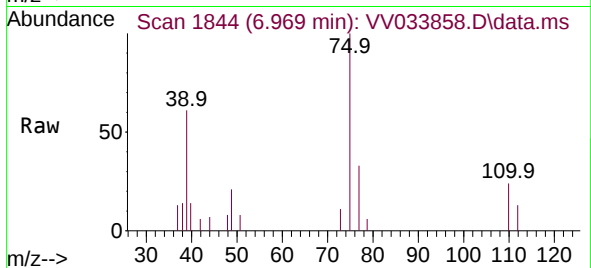
ClientSampleId :

Tgt Ion: 75 Resp: 4616

Ion Ratio Lower Upper

75 100

77 33.3 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 3.670 ug/L

RT: 7.175 min Scan# 1908

Delta R.T. 0.013 min

Lab File: VV033858.D

Acq: 25 Jan 2024 09:11

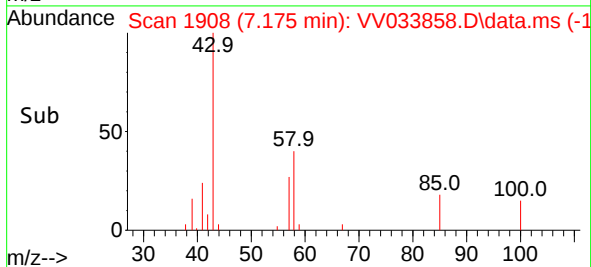
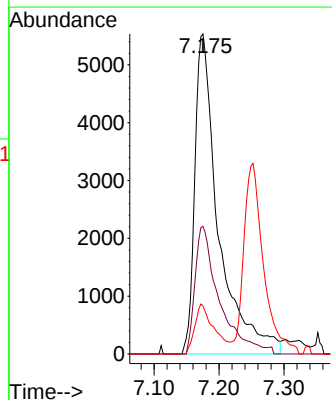
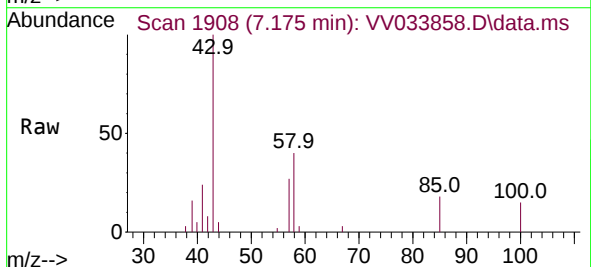
Tgt Ion: 43 Resp: 14046

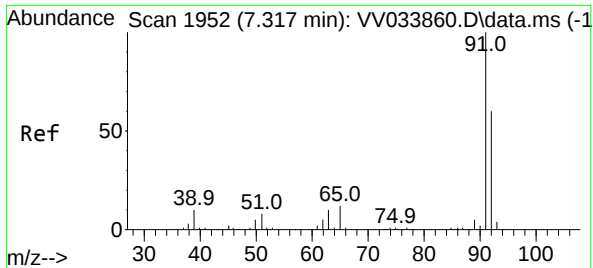
Ion Ratio Lower Upper

43 100

58 40.6 30.2 45.2

100 12.8 12.1 18.1

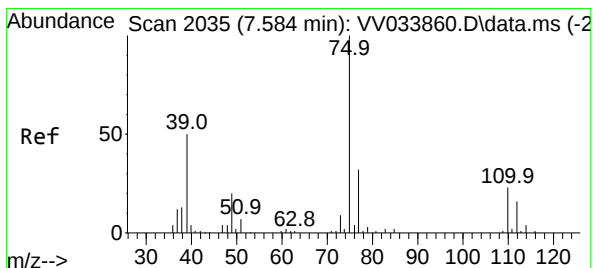
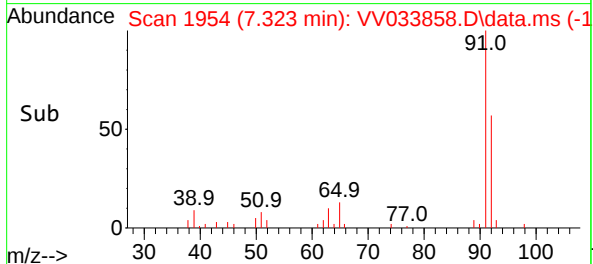
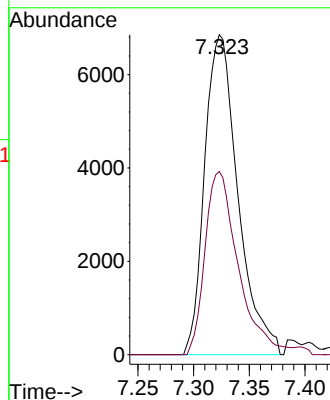
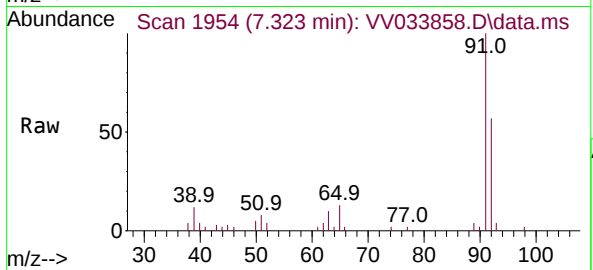




#42
Toluene
Concen: 0.407 ug/L
RT: 7.323 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VV033858.D
Acq: 25 Jan 2024 09:11

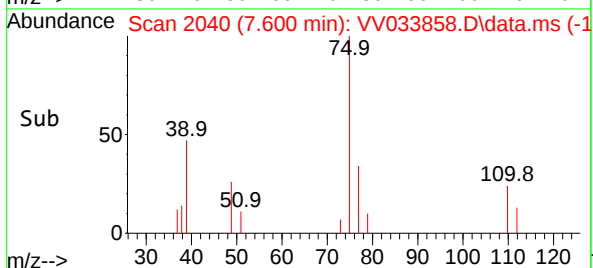
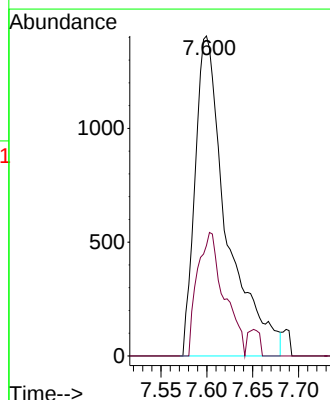
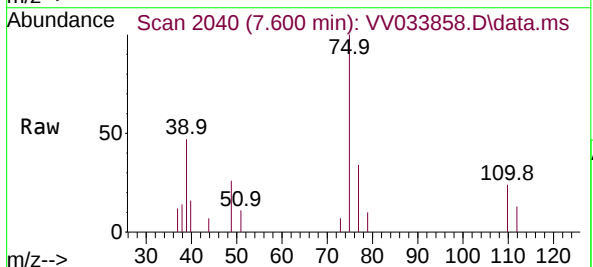
Instrument :
MSVOA_V
ClientSampleId :

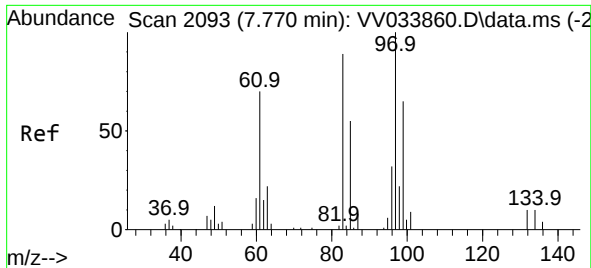
Tgt Ion: 91 Resp: 14267
Ion Ratio Lower Upper
91 100
92 57.2 42.1 78.3



#44
trans-1,3-Dichloropropene
Concen: 0.353 ug/L
RT: 7.600 min Scan# 2040
Delta R.T. 0.016 min
Lab File: VV033858.D
Acq: 25 Jan 2024 09:11

Tgt Ion: 75 Resp: 3369
Ion Ratio Lower Upper
75 100
77 34.5 22.2 41.2



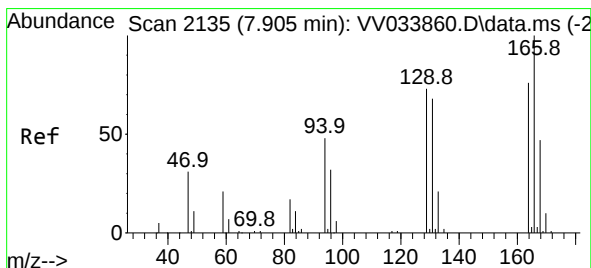
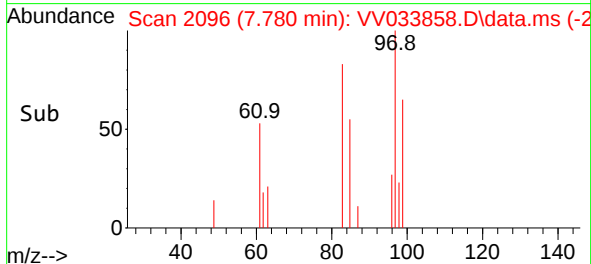
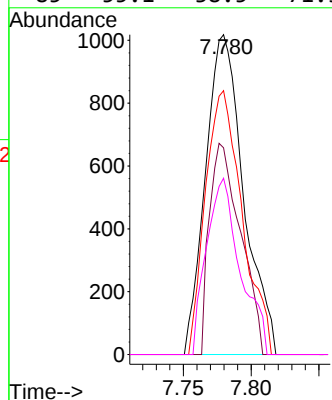
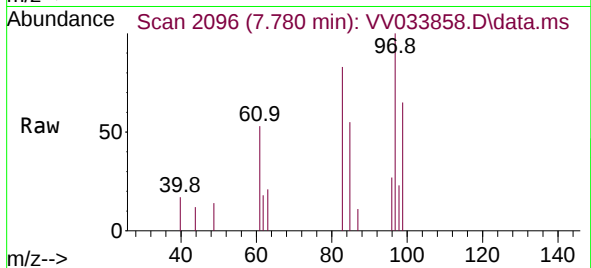


#45
1,1,2-Trichloroethane
Concen: 0.429 ug/L
RT: 7.780 min Scan# 2093
Delta R.T. 0.010 min
Lab File: VV033858.D
Acq: 25 Jan 2024 09:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 1988

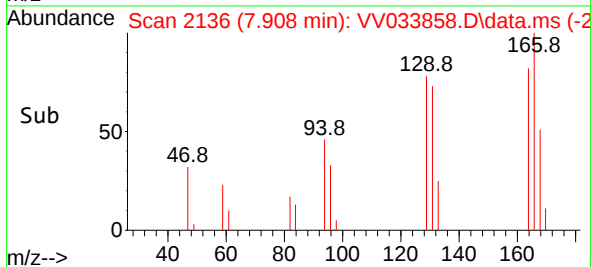
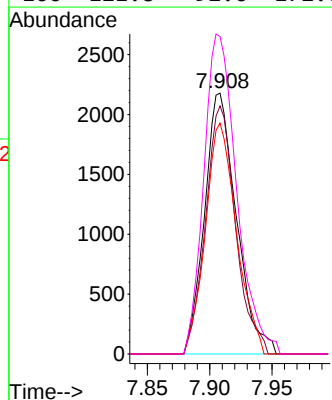
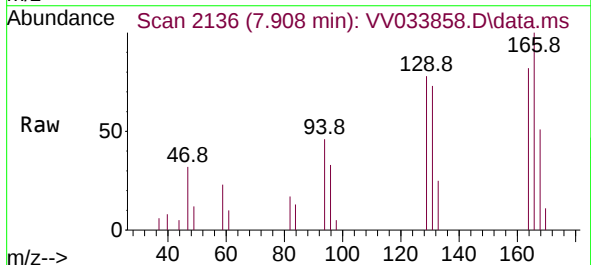
Ion	Ratio	Lower	Upper
97	100		
99	64.6	45.6	84.6
83	82.5	62.3	115.7
85	55.1	38.5	71.5

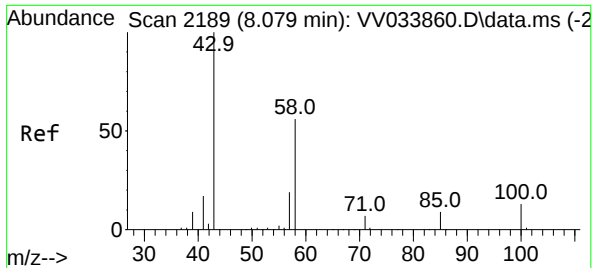


#47
Tetrachloroethene
Concen: 0.599 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV033858.D
Acq: 25 Jan 2024 09:11

Tgt Ion: 164 Resp: 3883

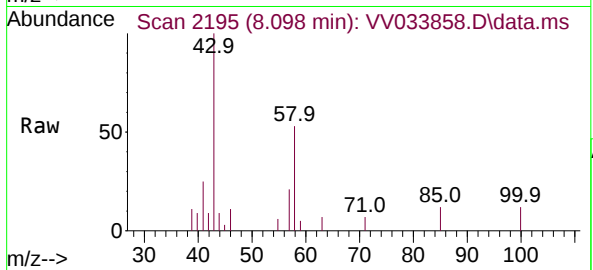
Ion	Ratio	Lower	Upper
164	100		
129	95.1	67.8	125.8
131	88.5	63.0	117.0
166	121.8	92.6	172.0



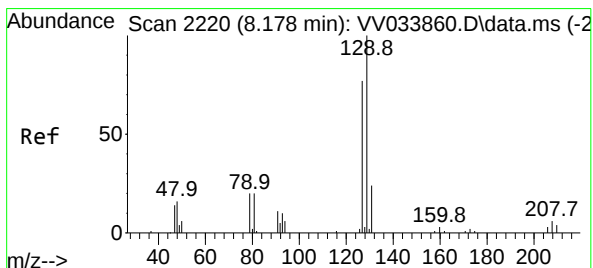
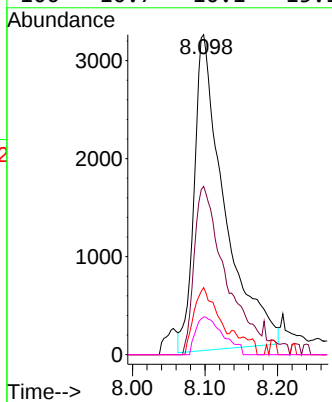
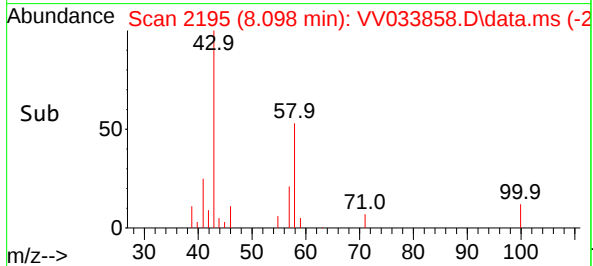


#48
2-Hexanone
Concen: 3.327 ug/L
RT: 8.098 min Scan# 2189
Delta R.T. 0.019 min
Lab File: VV033858.D
Acq: 25 Jan 2024 09:11

Instrument :
MSVOA_V
ClientSampleId :

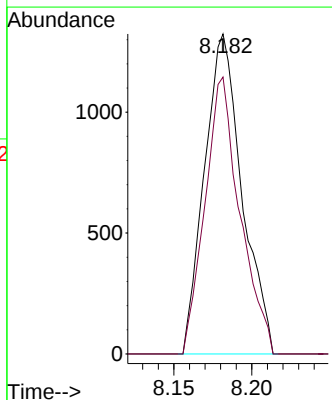
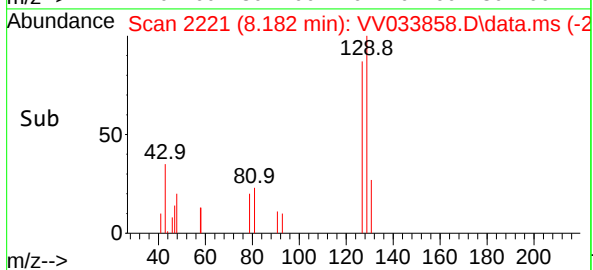
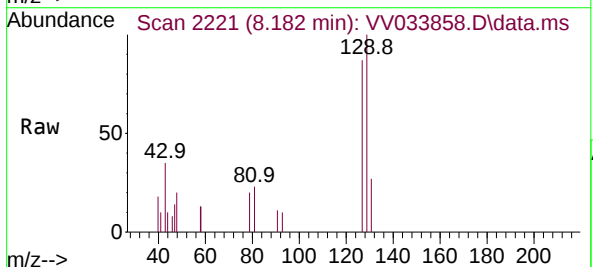


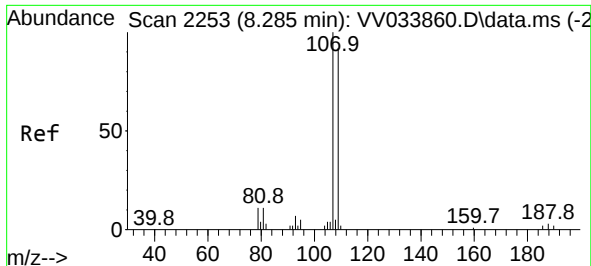
Tgt Ion: 43 Resp: 9350
Ion Ratio Lower Upper
43 100
58 55.1 42.6 64.0
57 16.7 15.5 23.3
100 10.7 10.1 15.1



#49
Dibromochloromethane
Concen: 0.385 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.003 min
Lab File: VV033858.D
Acq: 25 Jan 2024 09:11

Tgt Ion: 129 Resp: 2213
Ion Ratio Lower Upper
129 100
127 86.6 53.5 99.5





#50

1,2-Dibromoethane

Concen: 0.374 ug/L

RT: 8.294 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV033858.D

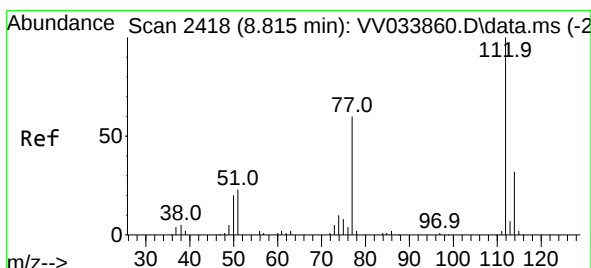
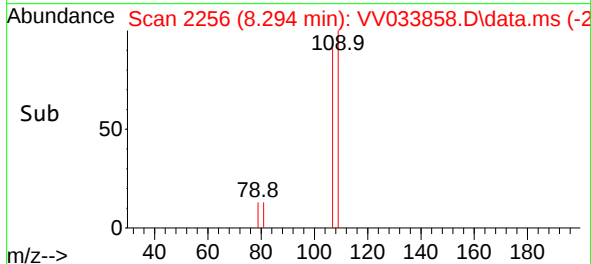
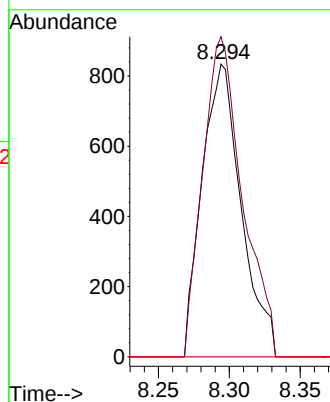
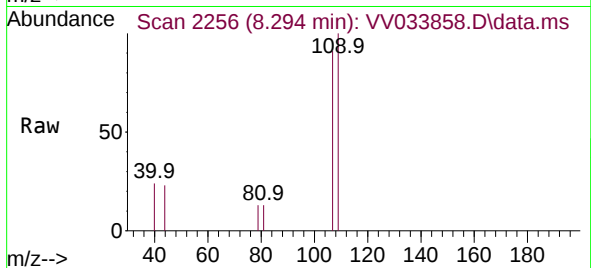
Acq: 25 Jan 2024 09:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	1602
Ion Ratio	Lower	Upper
107	100	
109	109.4	64.5 119.9
188	0.0	2.6 4.0#



#51

Chlorobenzene

Concen: 0.426 ug/L

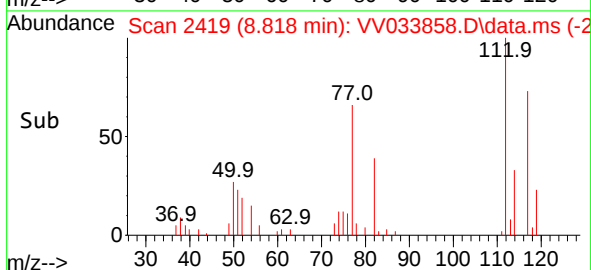
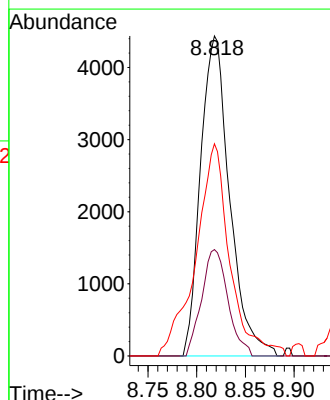
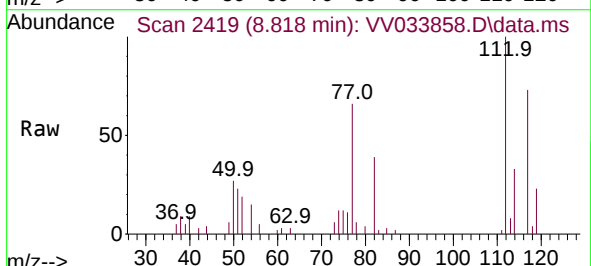
RT: 8.818 min Scan# 2419

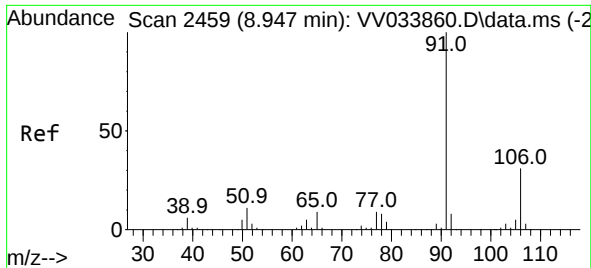
Delta R.T. 0.003 min

Lab File: VV033858.D

Acq: 25 Jan 2024 09:11

Tgt Ion:112	Resp:	9216
Ion Ratio	Lower	Upper
112	100	
114	33.2	22.5 41.7
77	66.3	48.1 72.1

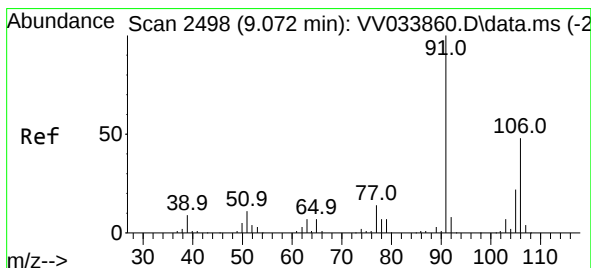
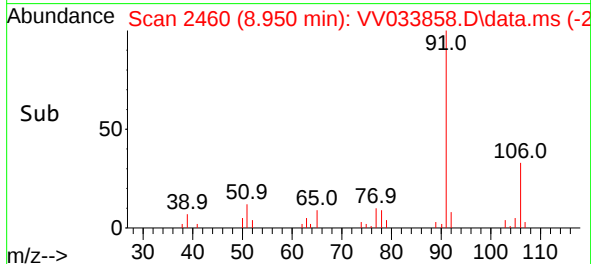
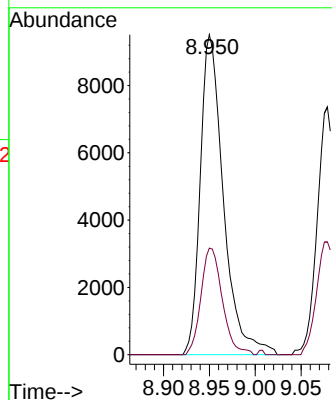
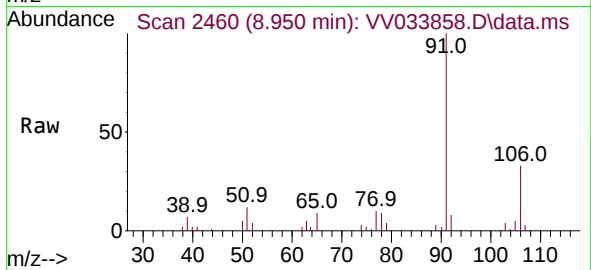




#52
Ethylbenzene
Concen: 0.411 ug/L
RT: 8.950 min Scan# 2459
Delta R.T. 0.003 min
Lab File: VV033858.D
Acq: 25 Jan 2024 09:11

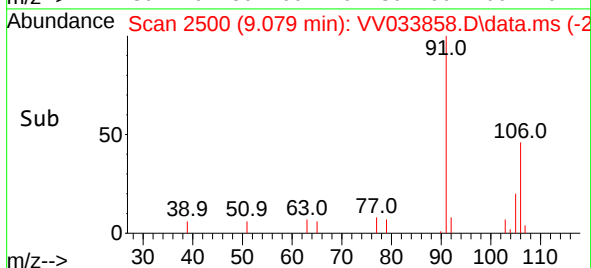
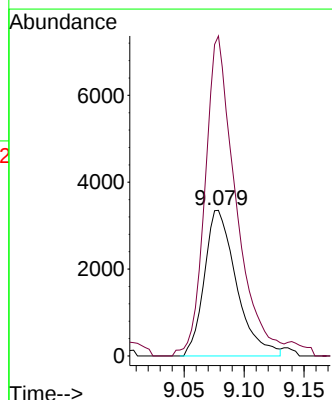
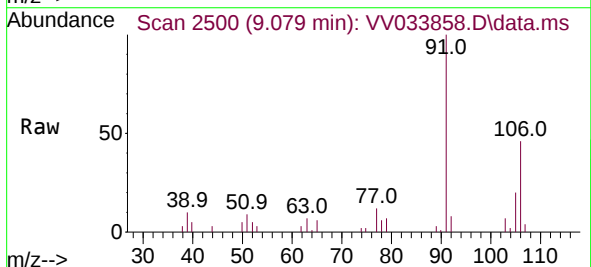
Instrument :
MSVOA_V
ClientSampleId :

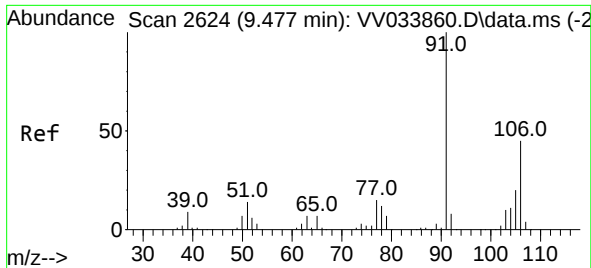
Tgt Ion: 91 Resp: 16700
Ion Ratio Lower Upper
91 100
106 33.3 21.4 39.8



#53
m,p-Xylene
Concen: 0.416 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.006 min
Lab File: VV033858.D
Acq: 25 Jan 2024 09:11

Tgt Ion: 106 Resp: 6250
Ion Ratio Lower Upper
106 100
91 219.8 147.5 273.9

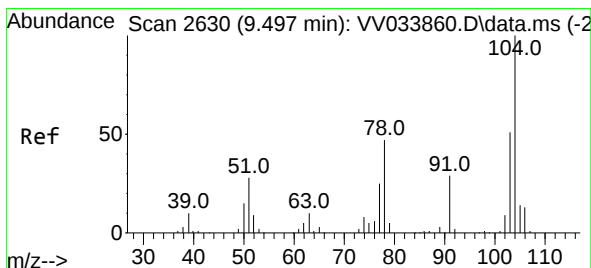
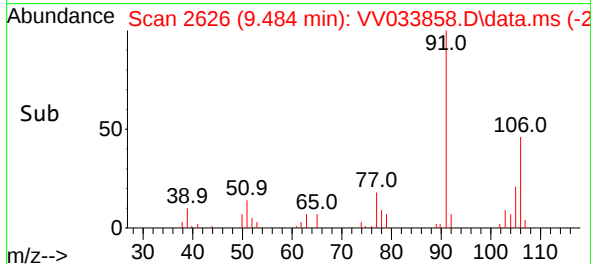
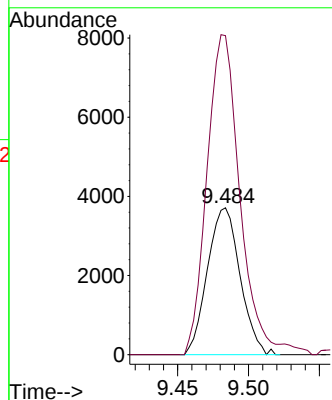
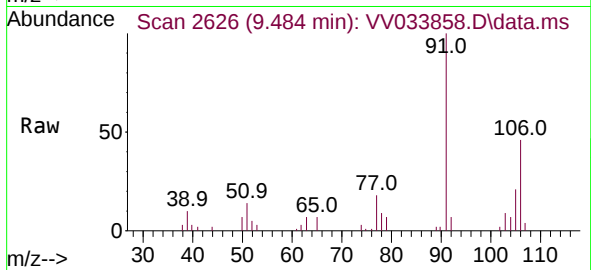




#54
o-Xylene
Concen: 0.407 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.006 min
Lab File: VV033858.D
Acq: 25 Jan 2024 09:11

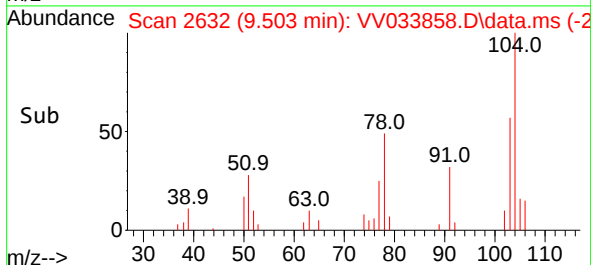
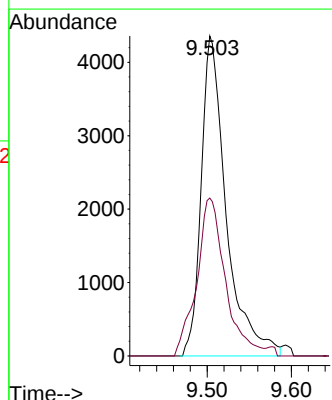
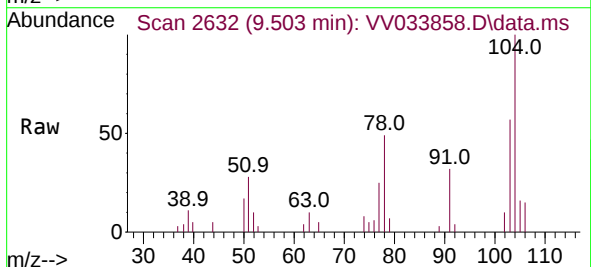
Instrument :
MSVOA_V
ClientSampleId :

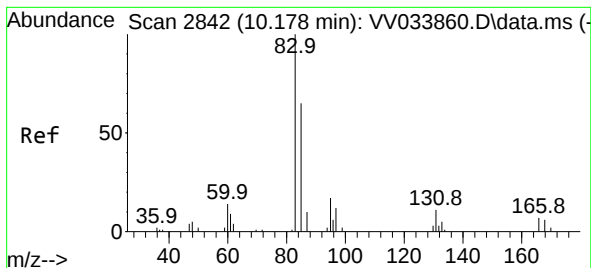
Tgt Ion:106 Resp: 5934
Ion Ratio Lower Upper
106 100
91 217.2 156.2 290.0



#55
Styrene
Concen: 0.386 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.006 min
Lab File: VV033858.D
Acq: 25 Jan 2024 09:11

Tgt Ion:104 Resp: 9026
Ion Ratio Lower Upper
104 100
78 49.4 32.9 61.1

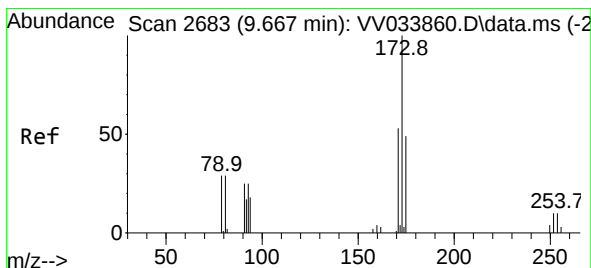
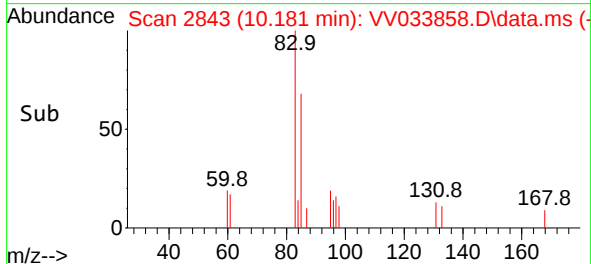
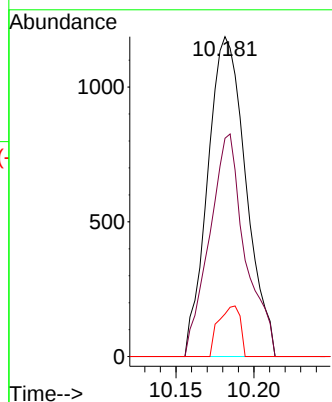
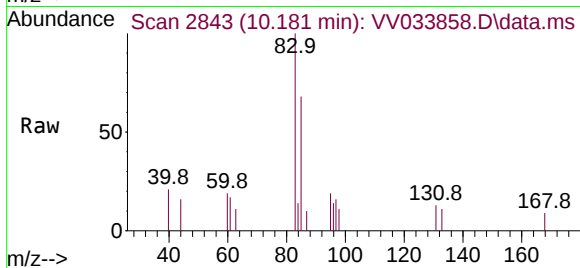




#57
1,1,2,2-Tetrachloroethane
Concen: 0.397 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VV033858.D
Acq: 25 Jan 2024 09:11

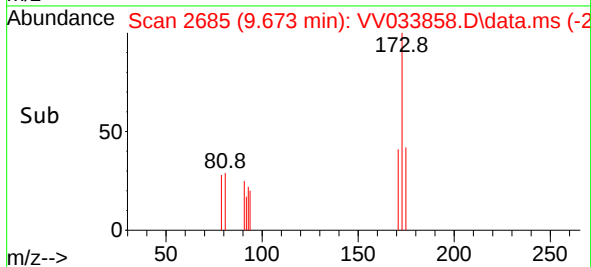
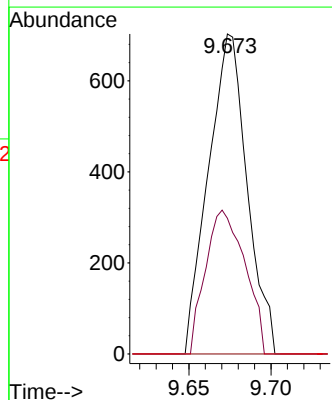
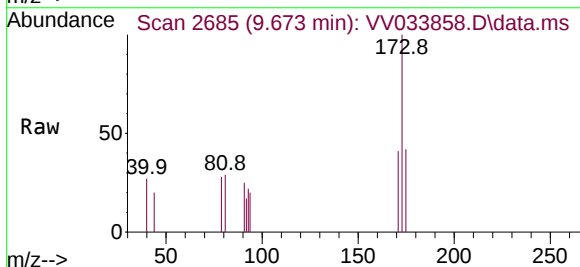
Instrument :
MSVOA_V
ClientSampleId :

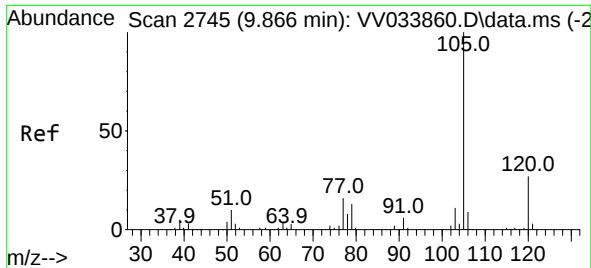
Tgt Ion: 83 Resp: 2025
Ion Ratio Lower Upper
83 100
85 68.2 46.5 86.3
131 13.3 8.4 12.6#



#59
Bromoform
Concen: 0.424 ug/L
RT: 9.673 min Scan# 2685
Delta R.T. 0.006 min
Lab File: VV033858.D
Acq: 25 Jan 2024 09:11

Tgt Ion: 173 Resp: 1153
Ion Ratio Lower Upper
173 100
175 45.9 38.6 57.8
254 0.0 7.2 10.8#

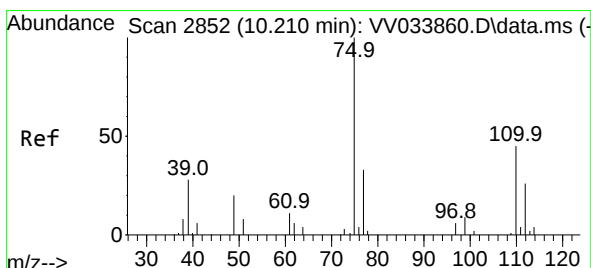
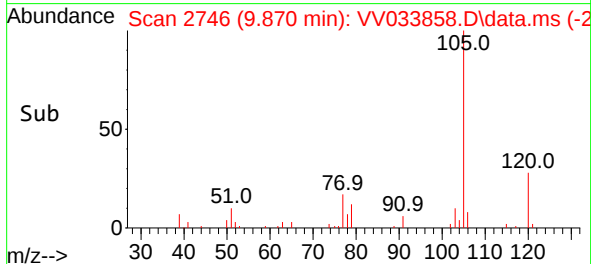
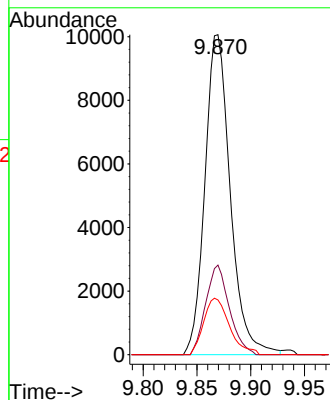
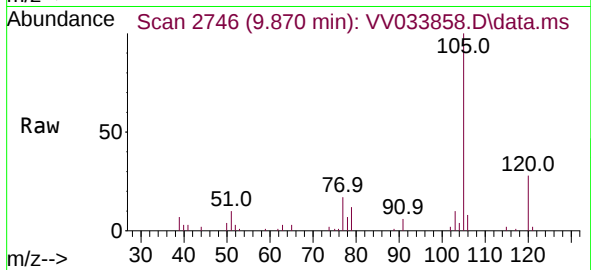




#60
Isopropylbenzene
Concen: 0.461 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV033858.D
Acq: 25 Jan 2024 09:11

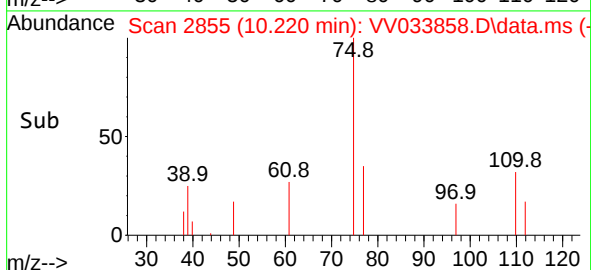
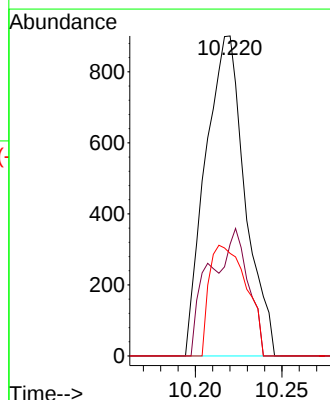
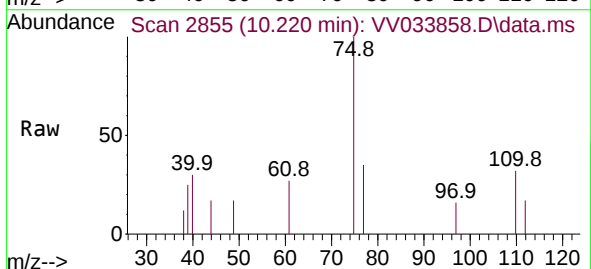
Instrument :
MSVOA_V
ClientSampleId :

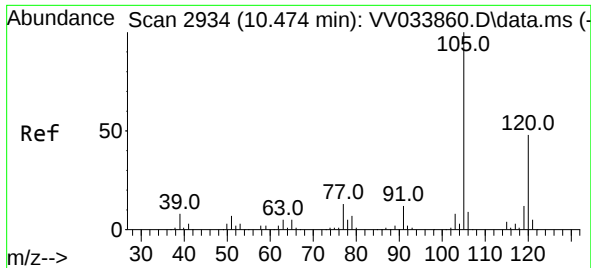
Tgt Ion:105 Resp: 16505
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 18.0 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 0.400 ug/L
RT: 10.220 min Scan# 2855
Delta R.T. 0.010 min
Lab File: VV033858.D
Acq: 25 Jan 2024 09:11

Tgt Ion: 75 Resp: 1428
Ion Ratio Lower Upper
75 100
77 23.5 26.9 40.3#
110 32.4 33.3 49.9#





#62

1,3,5-Trimethylbenzene

Concen: 0.461 ug/L

RT: 10.477 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV033858.D

Acq: 25 Jan 2024 09:11

Instrument :

MSVOA_V

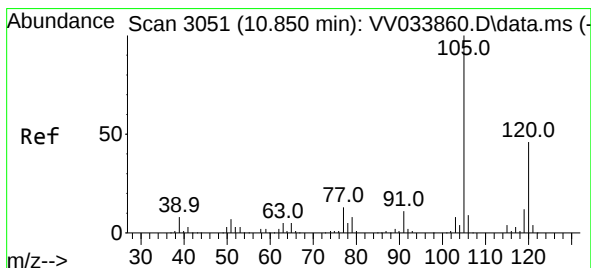
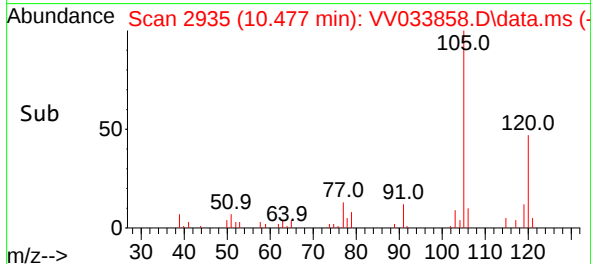
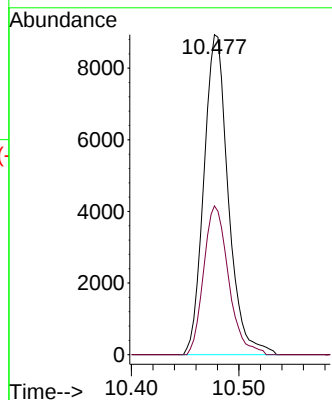
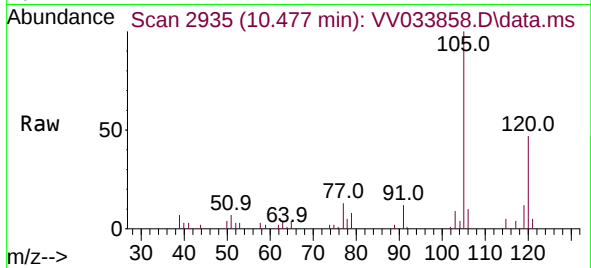
ClientSampleId :

Tgt Ion:105 Resp: 14115

Ion Ratio Lower Upper

105 100

120 47.4 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 0.435 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VV033858.D

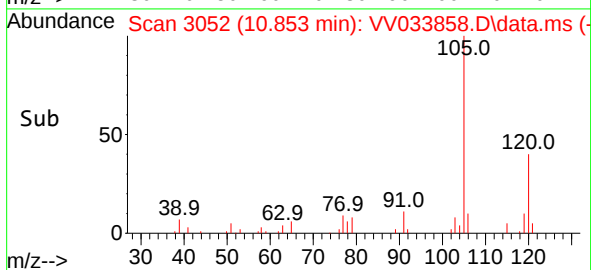
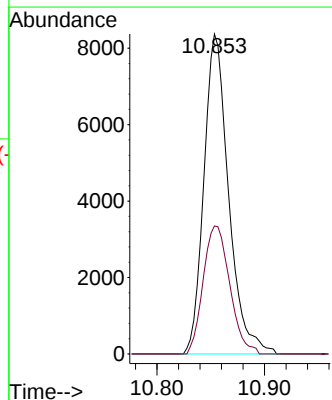
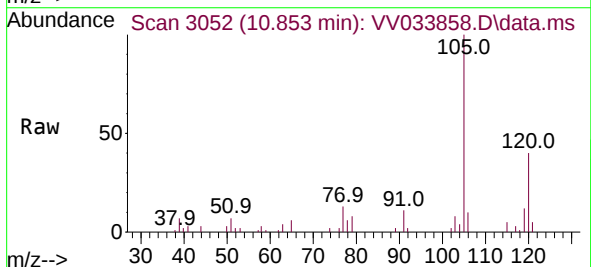
Acq: 25 Jan 2024 09:11

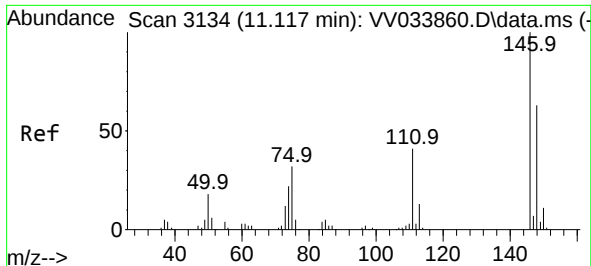
Tgt Ion:105 Resp: 13355

Ion Ratio Lower Upper

105 100

120 43.0 36.2 54.2

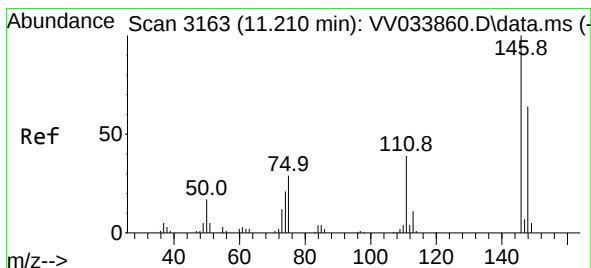
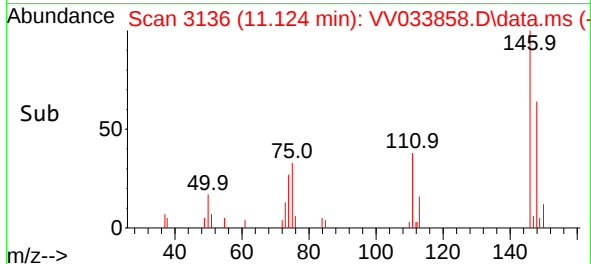
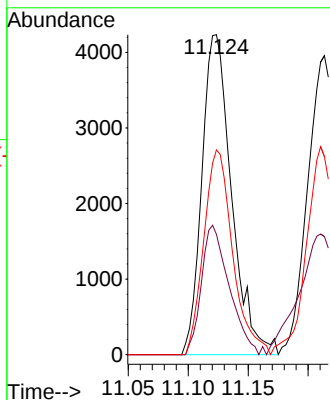
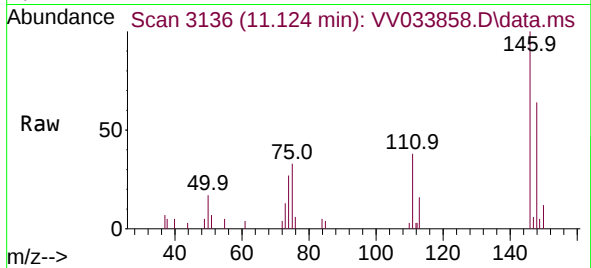




#64
1,3-Dichlorobenzene
Concen: 0.465 ug/L
RT: 11.124 min Scan# 3134
Delta R.T. 0.006 min
Lab File: VV033858.D
Acq: 25 Jan 2024 09:11

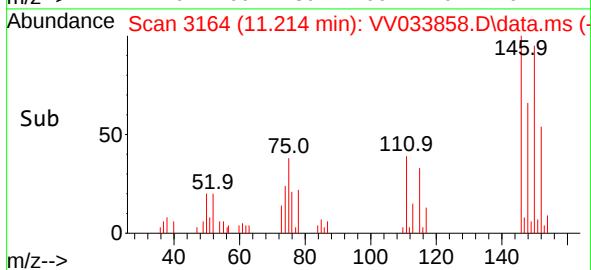
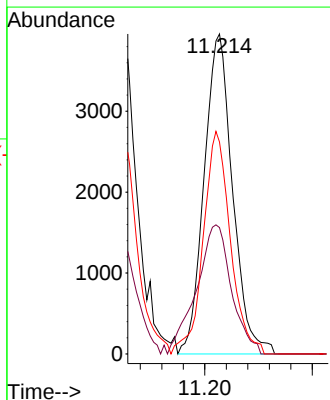
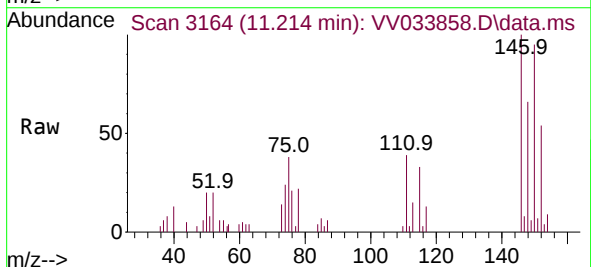
Instrument :
MSVOA_V
ClientSampleId :

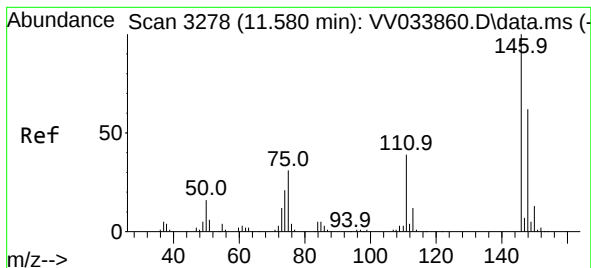
Tgt Ion:146 Resp: 7308
Ion Ratio Lower Upper
146 100
111 37.6 28.5 52.9
148 64.0 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 0.470 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VV033858.D
Acq: 25 Jan 2024 09:11

Tgt Ion:146 Resp: 7271
Ion Ratio Lower Upper
146 100
111 39.5 27.6 51.4
148 66.2 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 0.443 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033858.D

Acq: 25 Jan 2024 09:11

Instrument :

MSVOA_V

ClientSampleId :

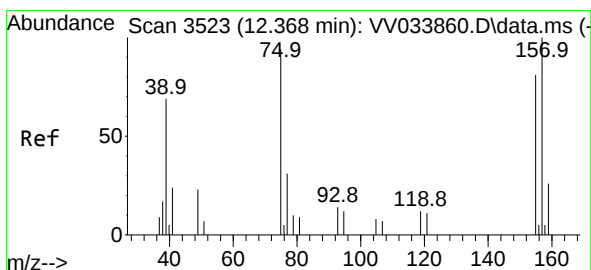
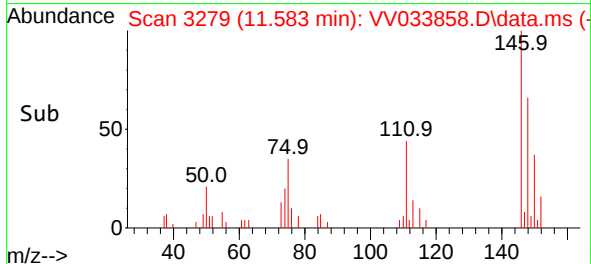
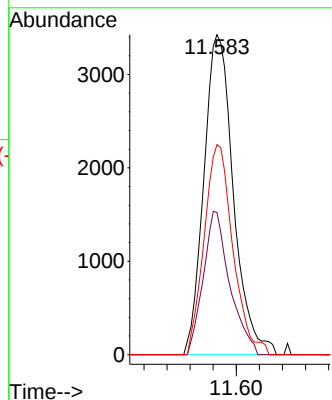
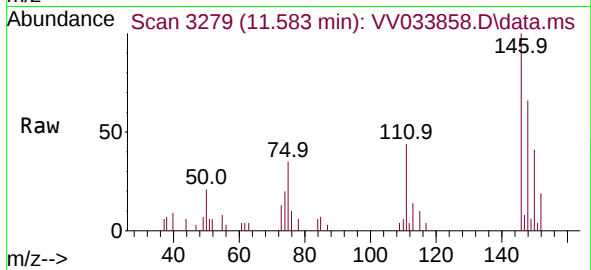
Tgt Ion:146 Resp: 6090

Ion Ratio Lower Upper

146 100

111 44.5 31.2 46.8

148 65.7 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 0.288 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. -0.000 min

Lab File: VV033858.D

Acq: 25 Jan 2024 09:11

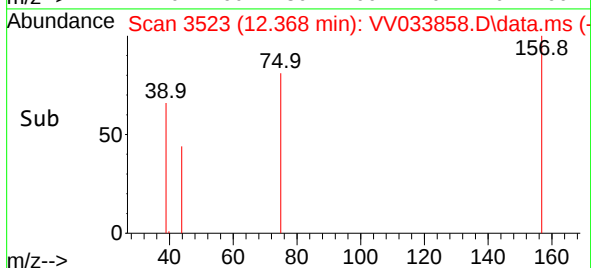
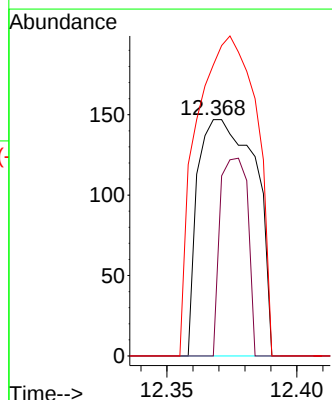
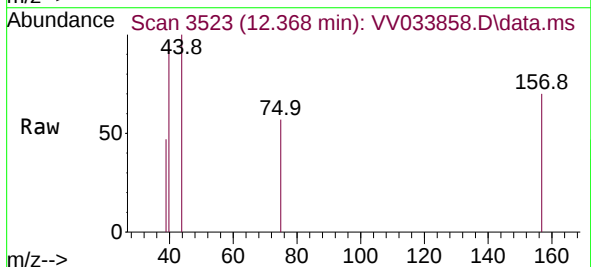
Tgt Ion: 75 Resp: 226

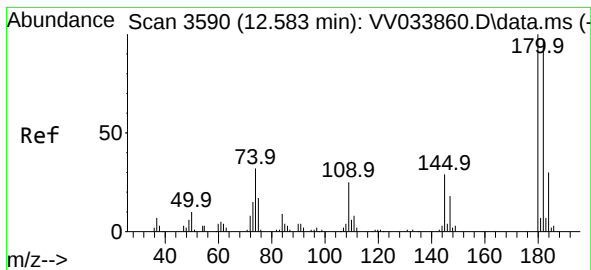
Ion Ratio Lower Upper

75 100

155 0.0 68.9 103.3#

157 123.1 84.6 127.0





#69

1,3,5-Trichlorobenzene

Concen: 0.433 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. -0.000 min

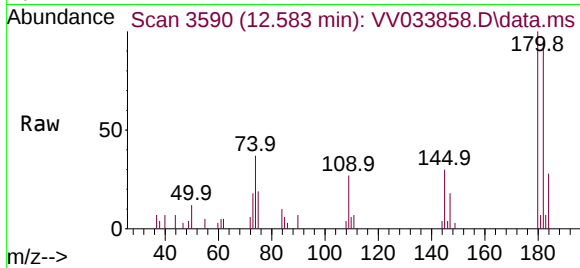
Lab File: VV033858.D

Acq: 25 Jan 2024 09:11

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 5317

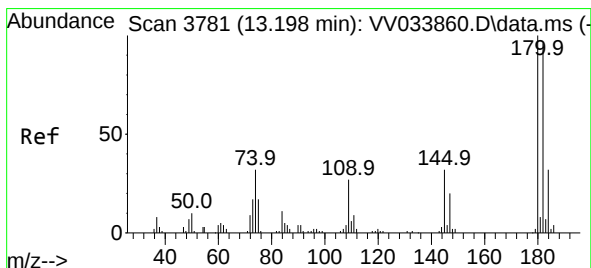
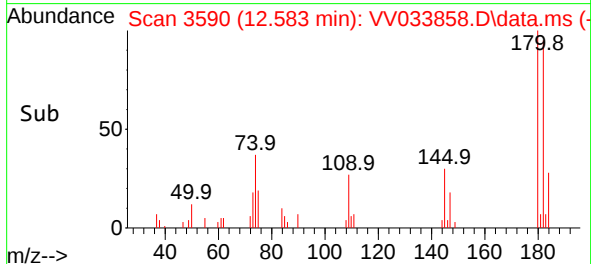
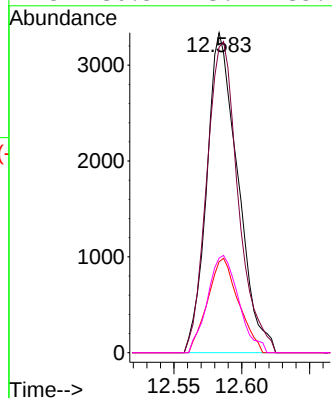
Ion Ratio Lower Upper

180 100

182 98.0 77.0 115.4

184 29.3 23.8 35.6

145 30.5 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 0.384 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.003 min

Lab File: VV033858.D

Acq: 25 Jan 2024 09:11

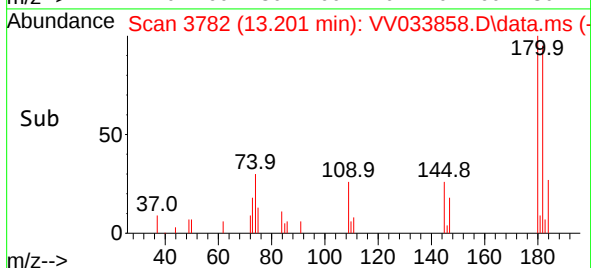
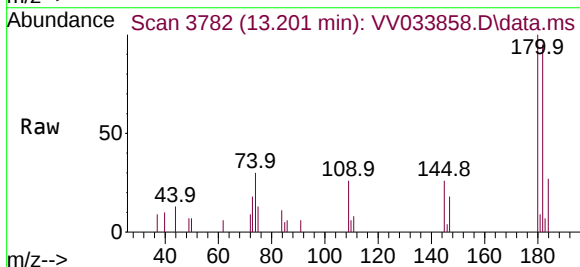
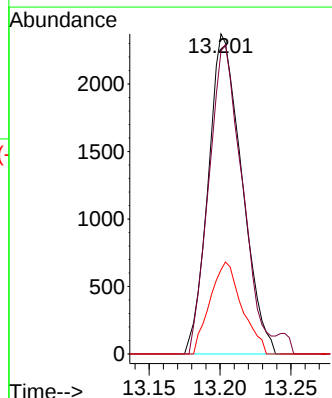
Tgt Ion:180 Resp: 3902

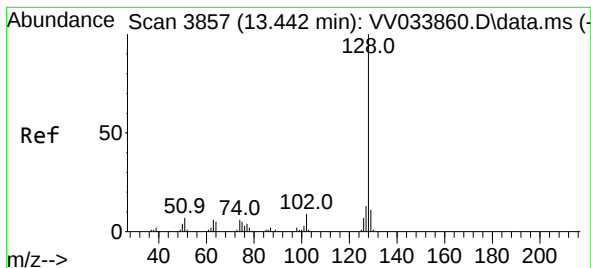
Ion Ratio Lower Upper

180 100

182 96.3 76.8 115.2

145 27.3 24.8 37.2





#71

Naphthalene

Concen: 0.300 ug/L

RT: 13.448 min Scan# 3857

Delta R.T. 0.006 min

Lab File: VV033858.D

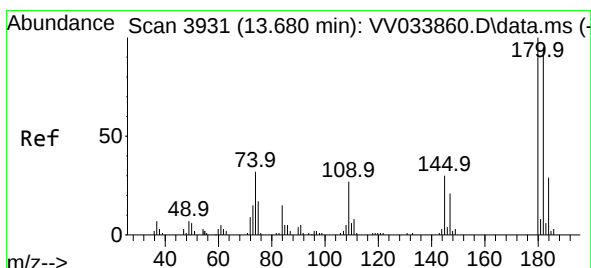
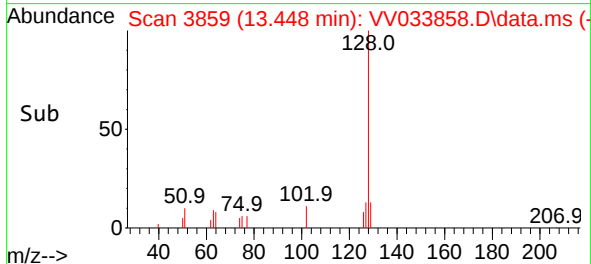
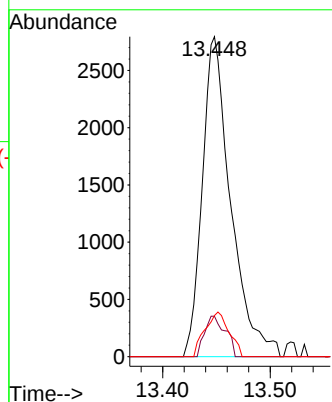
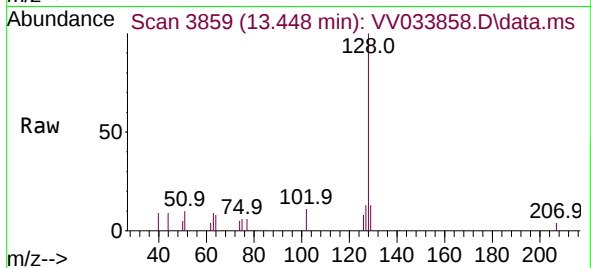
Acq: 25 Jan 2024 09:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	5132
Ion Ratio	Lower	Upper	
128	100		
129	9.2	8.5	12.7
127	11.8	10.4	15.6



#72

1,2,3-Trichlorobenzene

Concen: 0.365 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.003 min

Lab File: VV033858.D

Acq: 25 Jan 2024 09:11

Tgt Ion:	180	Resp:	3017
Ion Ratio	Lower	Upper	
180	100		
182	93.9	75.0	112.6
145	34.4	25.2	37.8

