

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW103023\
 Data File : VW032758.D
 Acq On : 30 Oct 2023 08:50
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 31 02:18:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 30 01:47:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	130906	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	152384	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	78751	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	50350	4.683	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.600%	
7) Chloroethane-d5	1.532	69	47131	5.159	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.200%	
11) 1,1-Dichloroethene-d2	2.060	65	21619	4.480	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.600%	
20) 2-Butanone-d5	3.806	46	88903	38.293	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	76.580%	
24) Chloroform-d	4.253	84	98042	5.492	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.800%	
26) 1,2-Dichloroethane-d4	4.947	65	46866	5.317	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.400%	
32) Benzene-d6	4.963	84	178811	4.928	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
36) 1,2-Dichloropropane-d6	5.992	67	53572	5.099	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.000%	
41) Toluene-d8	7.246	98	188109	5.115	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.200%	
43) trans-1,3-Dichloroprop...	7.558	79	17460	3.766	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	75.400%	
46) 2-Hexanone-d5	8.027	63	85981	46.799	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.600%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	46482	4.975	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.600%	
66) 1,2-Dichlorobenzene-d4	11.564	152	65292	5.077	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.600%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	68158	5.072	ug/L	98
3) Chloromethane	1.217	50	77248	4.873	ug/L	98
5) Vinyl chloride	1.285	62	76597	4.869	ug/L	100
6) Bromomethane	1.491	94	42495	4.629	ug/L	97
8) Chloroethane	1.552	64	53234	5.174	ug/L	100
9) Trichlorofluoromethane	1.716	101	110925	5.238	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	58685	4.699	ug/L	100
12) 1,1-Dichloroethene	2.069	96	56473	4.827	ug/L	100
13) Acetone	2.134	43	102456	44.703	ug/L	89
14) Carbon disulfide	2.243	76	181348	4.893	ug/L	99
15) Methyl Acetate	2.384	43	21440	4.671	ug/L	98
16) Methylene chloride	2.449	84	68255	4.740	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	122886	4.865	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	58861	5.088	ug/L	94
19) 1,1-Dichloroethane	3.114	63	106470	5.191	ug/L	95
21) 2-Butanone	3.883	43	119262	39.359	ug/L	84
22) cis-1,2-Dichloroethene	3.818	96	60901	5.192	ug/L	96
23) Bromochloromethane	4.150	128	30056	5.508	ug/L	99
25) Chloroform	4.278	83	120005	5.382	ug/L	100

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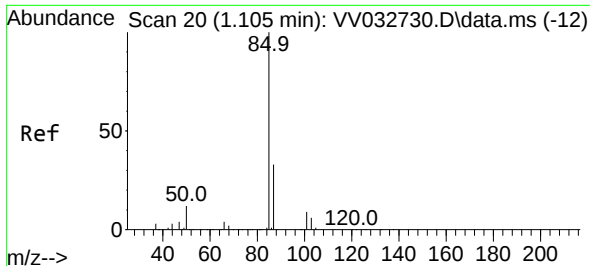
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.044	62	70943	5.118	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	100779	5.127	ug/L	98
30) Cyclohexane	4.587	56	73337	4.427	ug/L	99
31) Carbon tetrachloride	4.738	117	88239	5.160	ug/L	99
33) Benzene	5.011	78	247428	5.151	ug/L	100
34) Trichloroethene	5.834	95	62446	4.866	ug/L	95
35) Methylcyclohexane	6.050	83	82235	4.289	ug/L	99
37) 1,2-Dichloropropane	6.095	63	58850	5.078	ug/L	98
38) Bromodichloromethane	6.436	83	81333	4.750	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	66739	3.782	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	377879	50.528	ug/L	99
42) Toluene	7.317	91	292216	5.236	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	62771	4.134	ug/L	94
45) 1,1,2-Trichloroethane	7.770	97	50739	5.183	ug/L	99
47) Tetrachloroethene	7.908	164	54882	4.840	ug/L	96
48) 2-Hexanone	8.079	43	270245	49.406	ug/L	100
49) Dibromochloromethane	8.178	129	61266	5.276	ug/L	98
50) 1,2-Dibromoethane	8.285	107	47662	5.217	ug/L	96
51) Chlorobenzene	8.815	112	184450	5.003	ug/L	99
52) Ethylbenzene	8.947	91	293894	5.010	ug/L	98
53) m,p-Xylene	9.076	106	112608	5.069	ug/L	100
54) o-Xylene	9.481	106	107779	5.002	ug/L	97
55) Styrene	9.497	104	191054	5.352	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.182	83	56683	4.964	ug/L	94
59) Bromoform	9.670	173	32773	5.304	ug/L	99
60) Isopropylbenzene	9.870	105	267755	5.010	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	40485	4.861	ug/L	97
62) 1,3,5-Trimethylbenzene	10.481	105	211401	4.838	ug/L	100
63) 1,2,4-Trimethylbenzene	10.854	105	214903	4.978	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	148600	5.182	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	144757	5.085	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	137090	5.198	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	9096	4.570	ug/L	90
69) 1,3,5-Trichlorobenzene	12.583	180	92332	4.511	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	74154	4.269	ug/L	100
71) Naphthalene	13.442	128	108450	3.940	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	71524	4.683	ug/L	99

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

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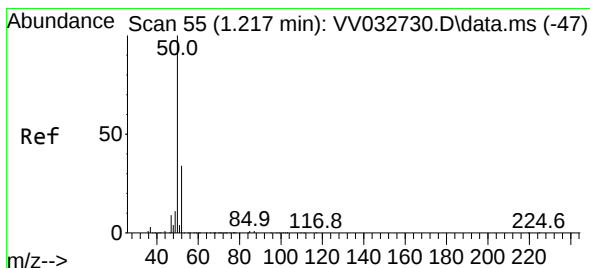
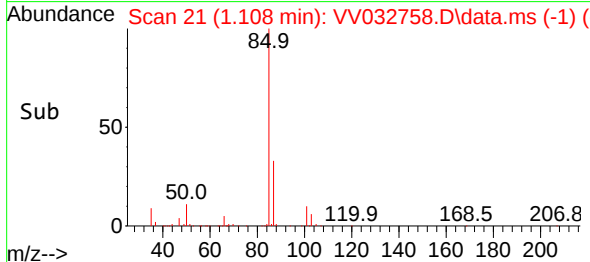
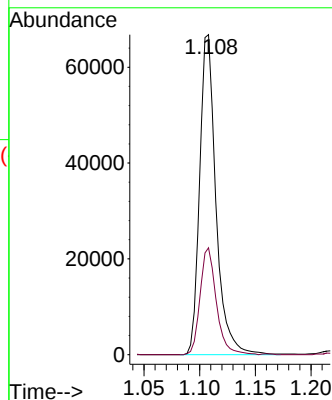
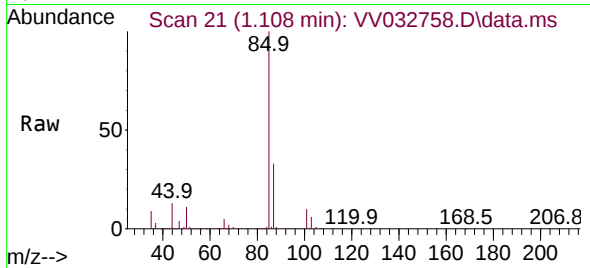




#2
 Dichlorodifluoromethane
 Concen: 5.072 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV032758.D
 Acq: 30 Oct 2023 08:50

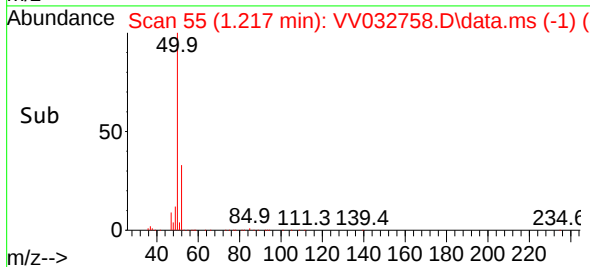
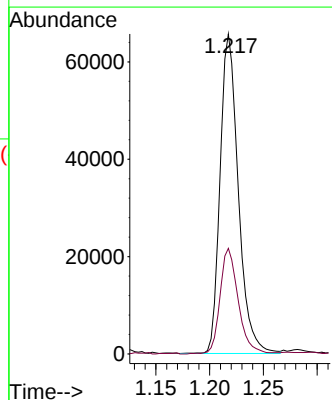
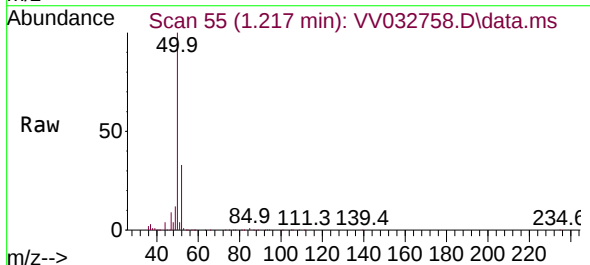
Instrument :
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 ClientSampleId :

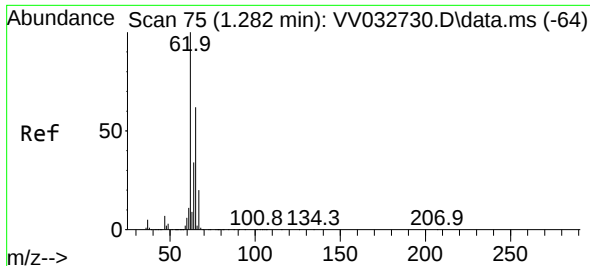
Tgt Ion: 85 Resp: 68158
 Ion Ratio Lower Upper
 85 100
 87 33.3 25.9 38.9



#3
 Chloromethane
 Concen: 4.873 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV032758.D
 Acq: 30 Oct 2023 08:50

Tgt Ion: 50 Resp: 77248
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.3 41.5

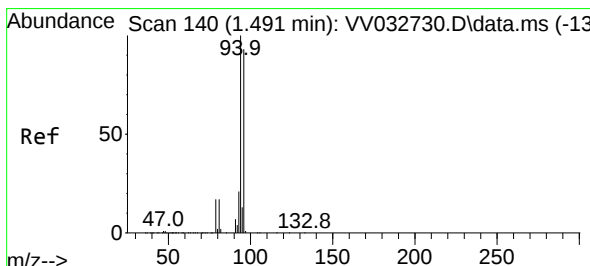
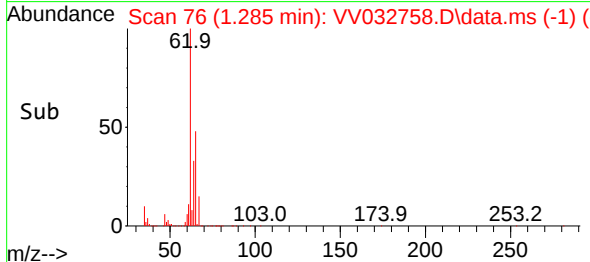
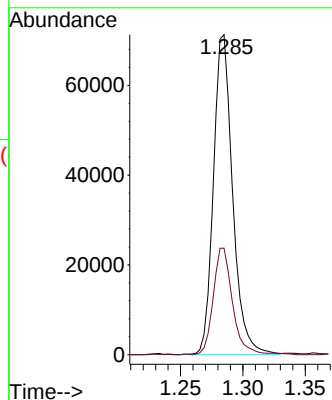
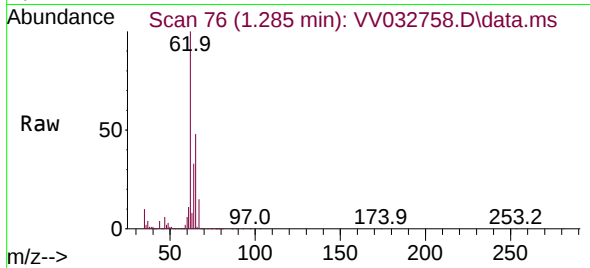




#5
 Vinyl chloride
 Concen: 4.869 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. 0.003 min
 Lab File: VV032758.D
 Acq: 30 Oct 2023 08:50

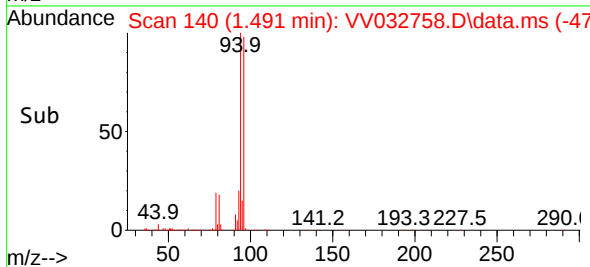
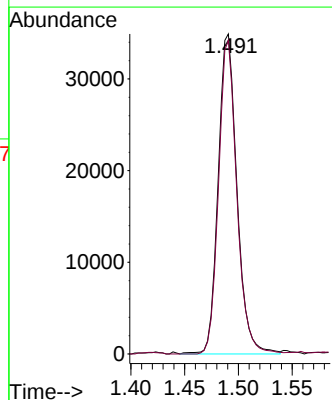
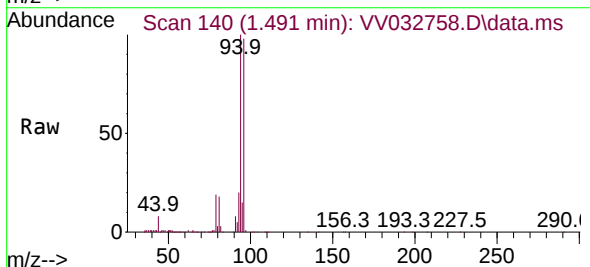
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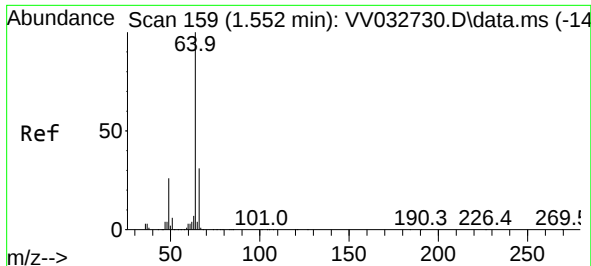
Tgt Ion: 62 Resp: 76597
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.2 43.0



#6
 Bromomethane
 Concen: 4.629 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV032758.D
 Acq: 30 Oct 2023 08:50

Tgt Ion: 94 Resp: 42495
 Ion Ratio Lower Upper
 94 100
 96 98.0 66.4 123.2

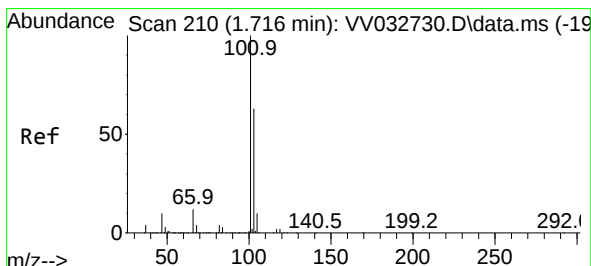
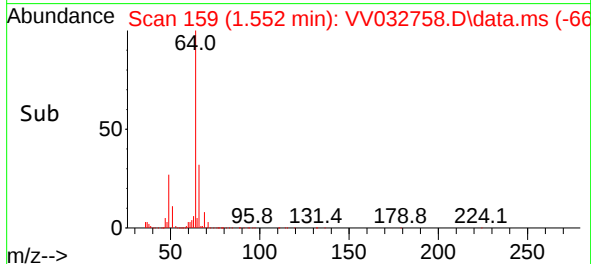
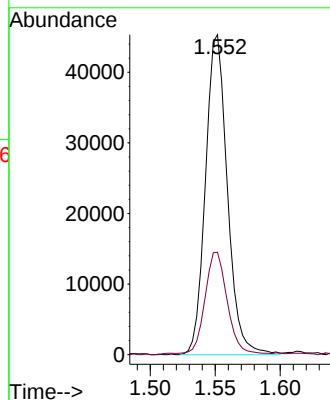
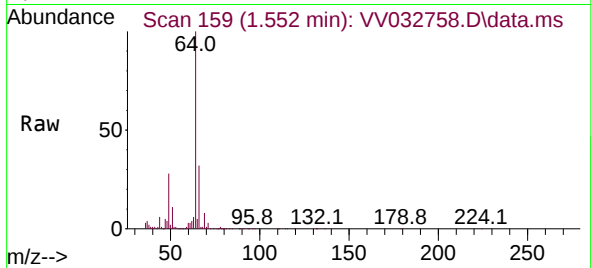




#8
Chloroethane
Concen: 5.174 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032758.D
Acq: 30 Oct 2023 08:50

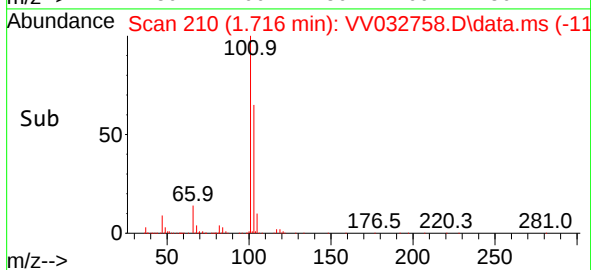
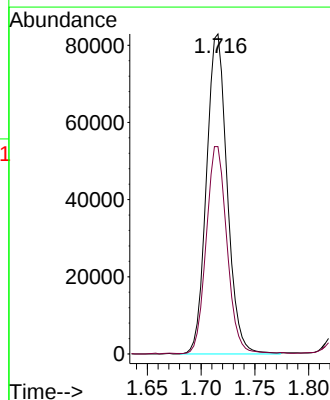
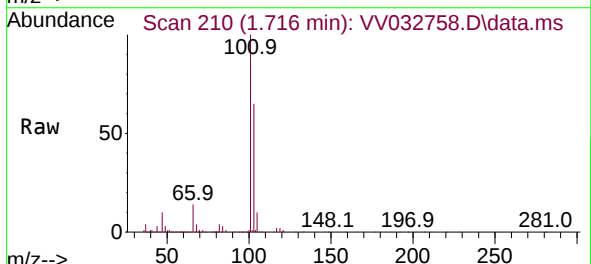
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ClientSampleId :

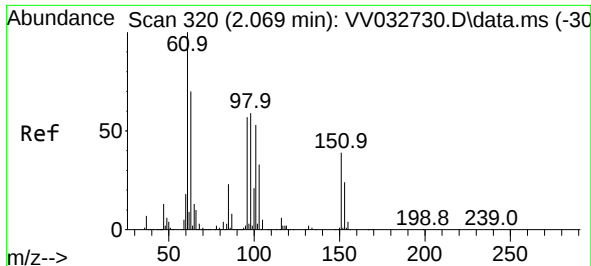
Tgt Ion: 64 Resp: 53234
Ion Ratio Lower Upper
64 100
66 32.0 22.3 41.5



#9
Trichlorofluoromethane
Concen: 5.238 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV032758.D
Acq: 30 Oct 2023 08:50

Tgt Ion:101 Resp: 110925
Ion Ratio Lower Upper
101 100
103 64.6 52.1 78.1

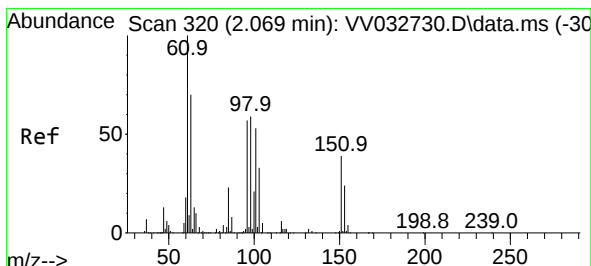
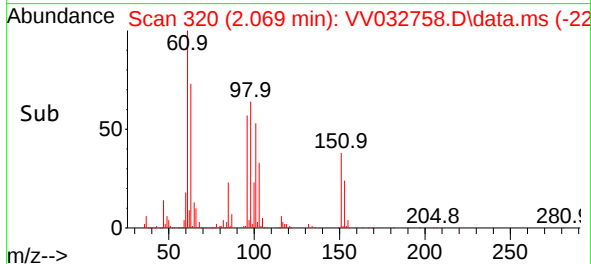
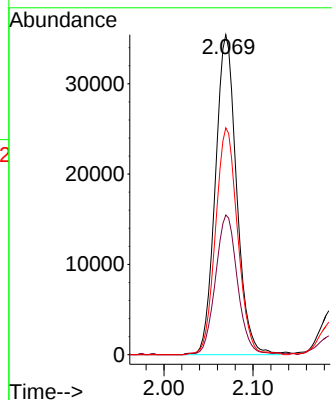
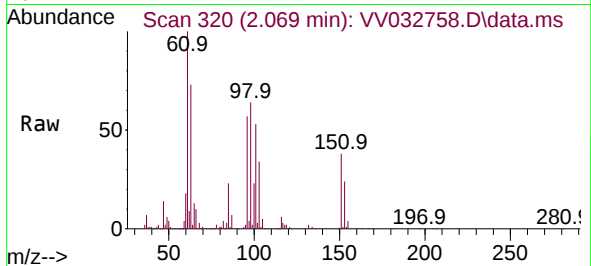




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.699 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV032758.D
 Acq: 30 Oct 2023 08:50

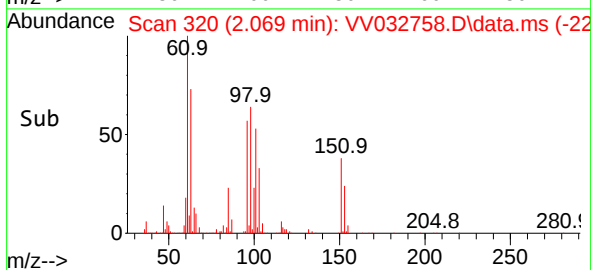
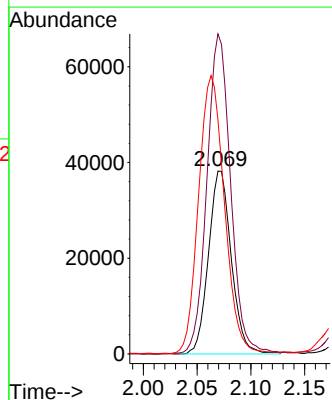
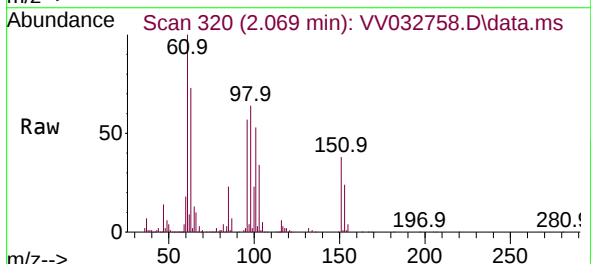
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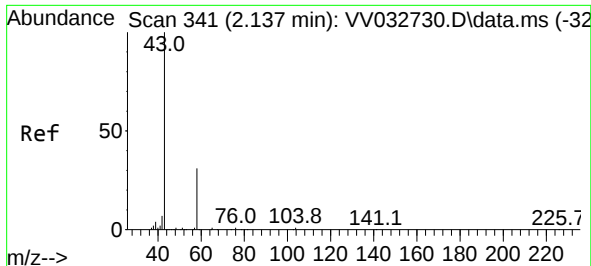
Tgt Ion:101 Resp: 58685
 Ion Ratio Lower Upper
 101 100
 85 45.3 36.2 54.4
 151 73.7 59.0 88.6



#12
 1,1-Dichloroethene
 Concen: 4.827 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV032758.D
 Acq: 30 Oct 2023 08:50

Tgt Ion: 96 Resp: 56473
 Ion Ratio Lower Upper
 96 100
 61 175.0 122.3 227.1
 63 128.0 89.4 166.0





#13

Acetone

Concen: 44.703 ug/L

RT: 2.134 min Scan# 341

Delta R.T. -0.003 min

Lab File: VV032758.D

Acq: 30 Oct 2023 08:50

Instrument :

MSVOA_V

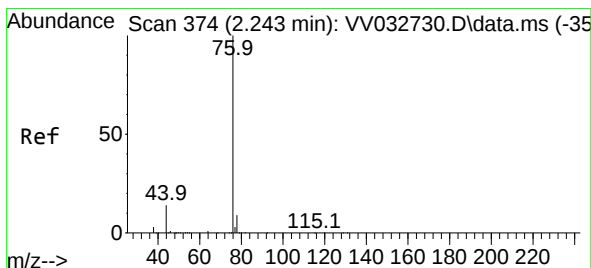
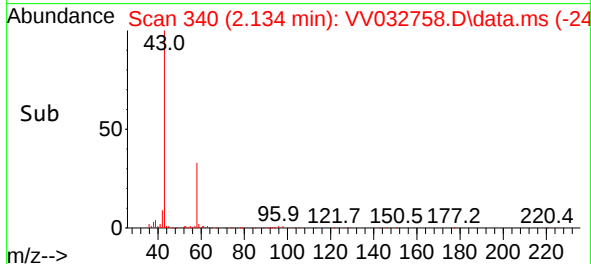
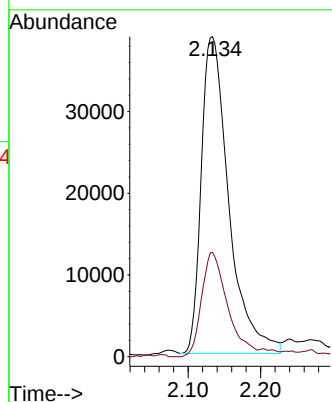
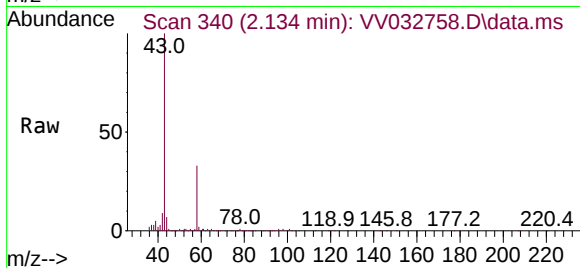
ClientSampleId :

Tgt Ion: 43 Resp: 102456

Ion Ratio Lower Upper

43 100

58 30.9 0.0 50.6



#14

Carbon disulfide

Concen: 4.893 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV032758.D

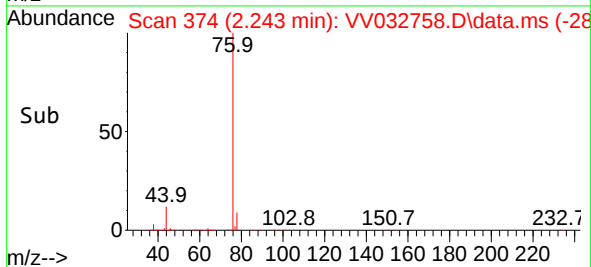
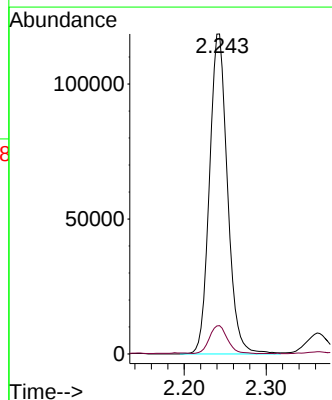
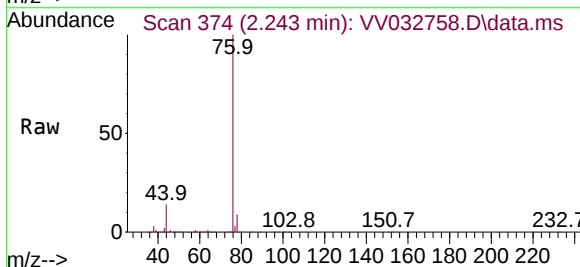
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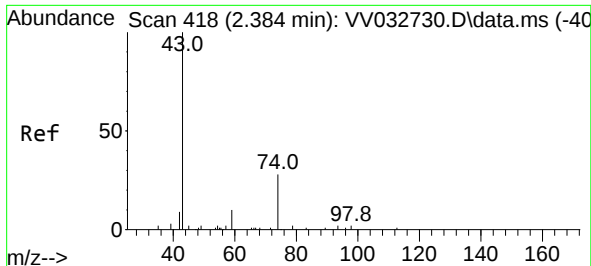
Tgt Ion: 76 Resp: 181348

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2

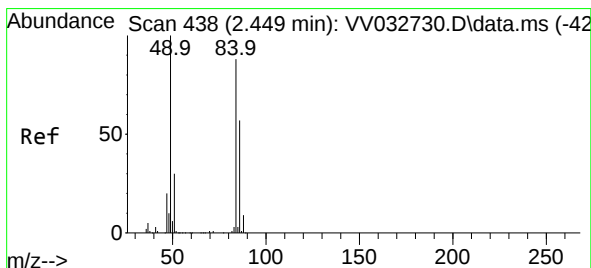
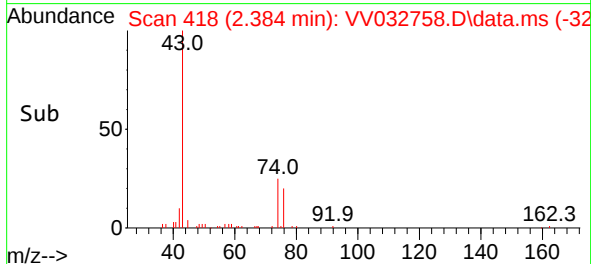
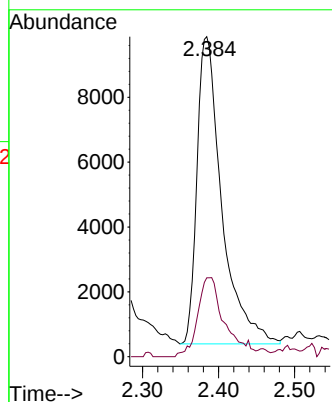
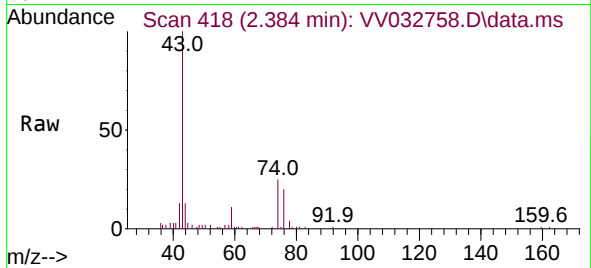




#15
Methyl Acetate
Concen: 4.671 ug/L
RT: 2.384 min Scan# 418
Delta R.T. 0.000 min
Lab File: VV032758.D
Acq: 30 Oct 2023 08:50

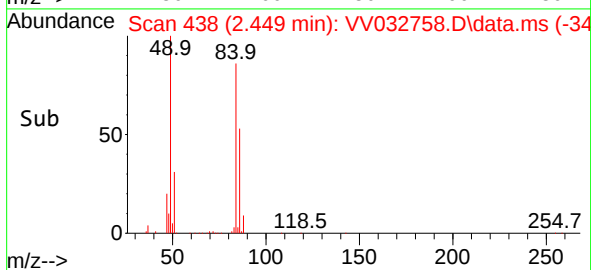
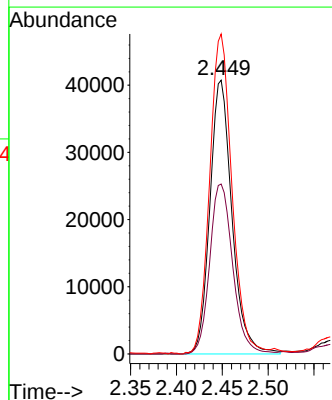
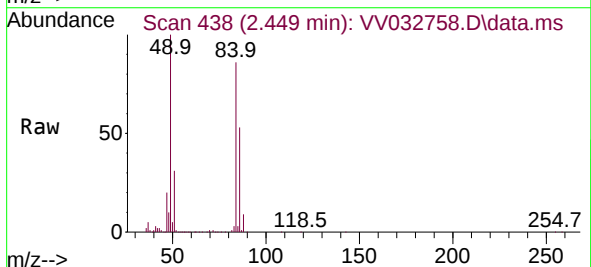
Instrument :
MSVOA_V
ClientSampleId :

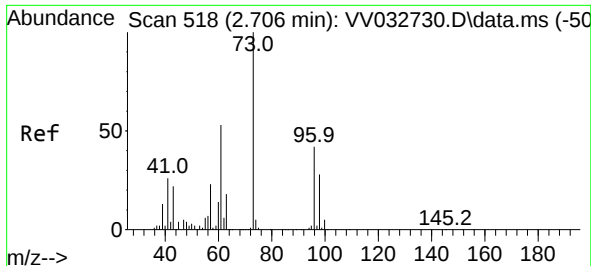
Tgt Ion: 43 Resp: 21440
Ion Ratio Lower Upper
43 100
74 27.9 23.1 34.7



#16
Methylene chloride
Concen: 4.740 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV032758.D
Acq: 30 Oct 2023 08:50

Tgt Ion: 84 Resp: 68255
Ion Ratio Lower Upper
84 100
86 62.0 44.8 83.2
49 116.9 81.1 150.5





#17

Methyl tert-butyl Ether

Concen: 4.865 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.000 min

Lab File: VV032758.D

Acq: 30 Oct 2023 08:50

Instrument :

MSVOA_V

ClientSampleId :

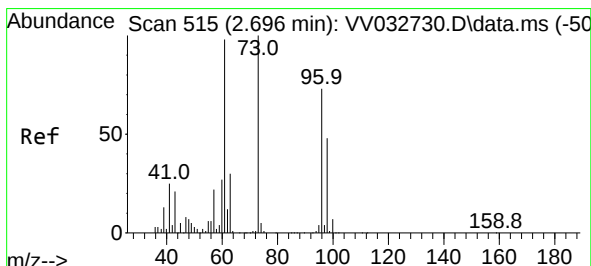
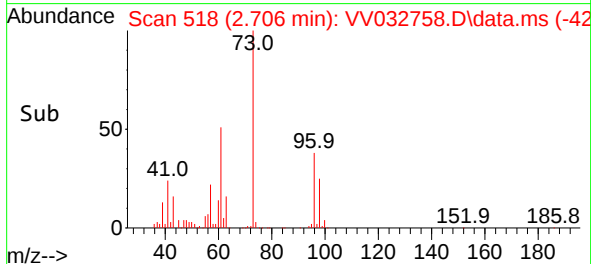
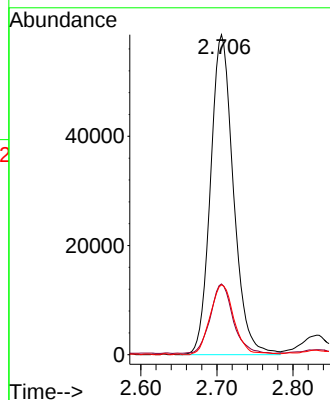
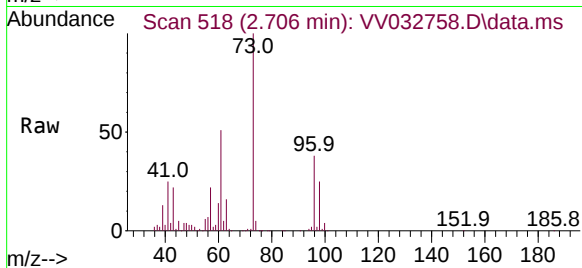
Tgt Ion: 73 Resp: 122886

Ion Ratio Lower Upper

73 100

43 21.4 16.6 24.8

57 22.7 18.1 27.1



#18

trans-1,2-Dichloroethene

Concen: 5.088 ug/L

RT: 2.696 min Scan# 515

Delta R.T. 0.000 min

Lab File: VV032758.D

Acq: 30 Oct 2023 08:50

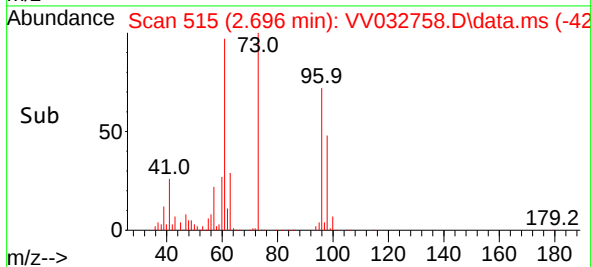
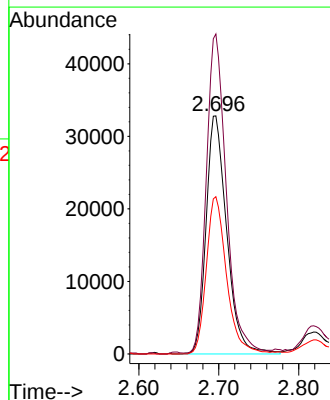
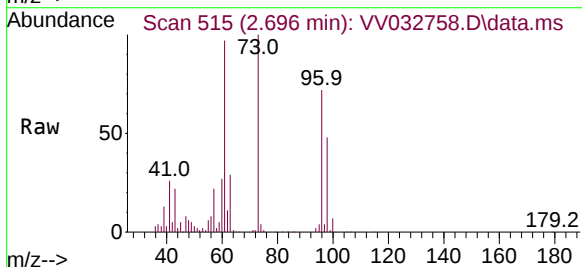
Tgt Ion: 96 Resp: 58861

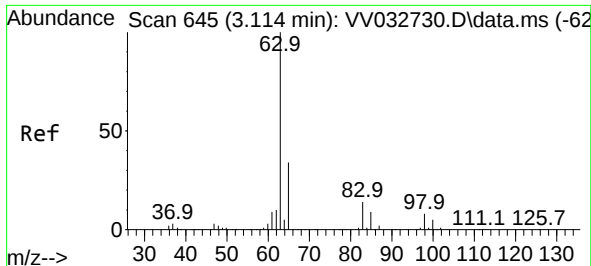
Ion Ratio Lower Upper

96 100

61 134.4 88.7 164.7

98 66.0 44.4 82.4

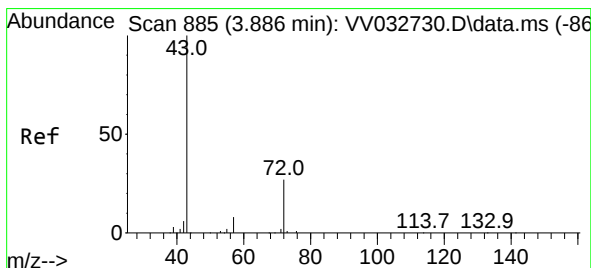
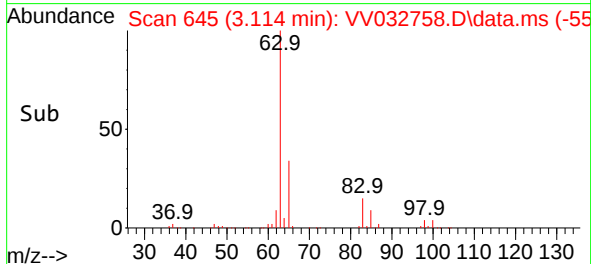
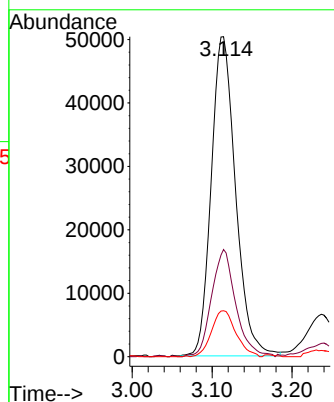
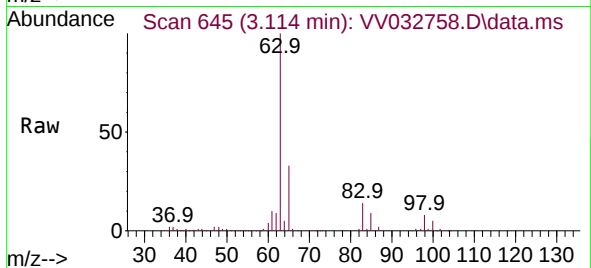




#19
1,1-Dichloroethane
Concen: 5.191 ug/L
RT: 3.114 min Scan# 64
Delta R.T. 0.000 min
Lab File: VV032758.D
Acq: 30 Oct 2023 08:50

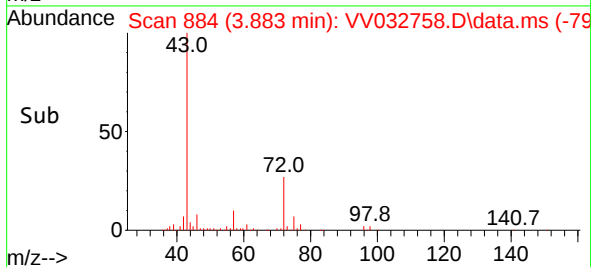
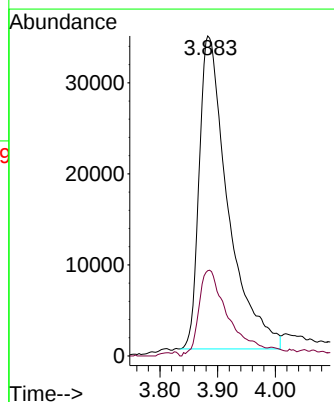
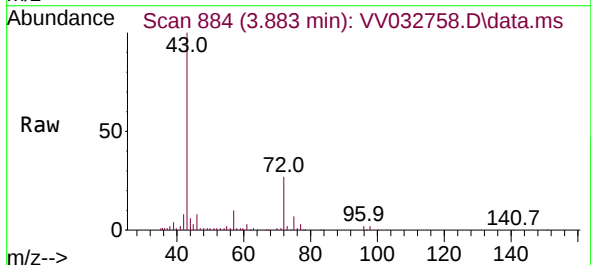
Instrument :
MSVOA_V
ClientSampleId :

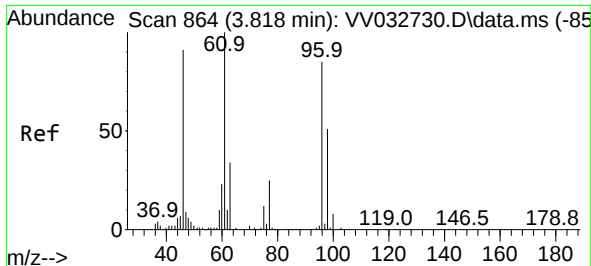
Tgt Ion: 63 Resp: 106470
Ion Ratio Lower Upper
63 100
65 33.5 21.5 39.9
83 14.4 9.2 17.0



#21
2-Butanone
Concen: 39.359 ug/L
RT: 3.883 min Scan# 884
Delta R.T. -0.003 min
Lab File: VV032758.D
Acq: 30 Oct 2023 08:50

Tgt Ion: 43 Resp: 119262
Ion Ratio Lower Upper
43 100
72 28.1 10.4 31.2

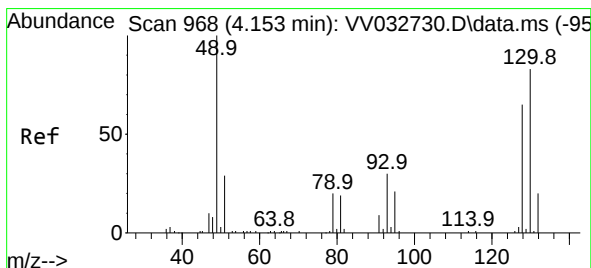
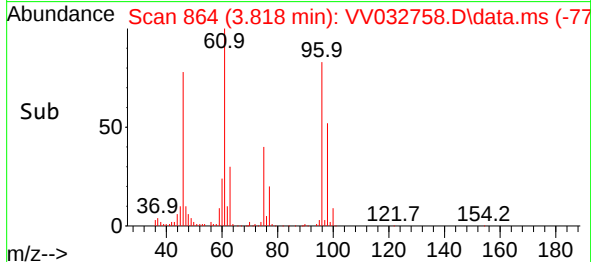
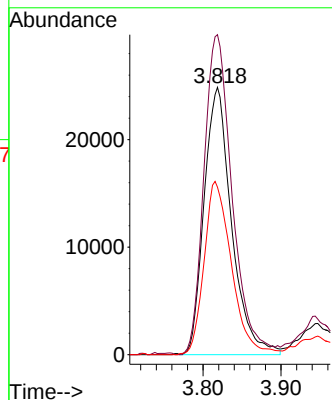
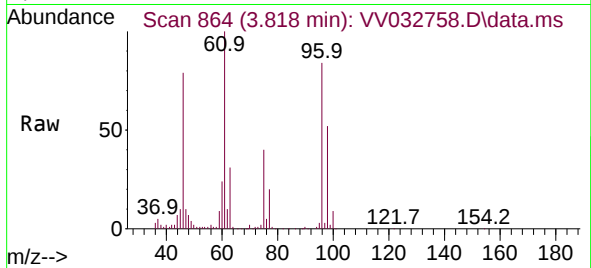




#22
 cis-1,2-Dichloroethene
 Concen: 5.192 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV032758.D
 Acq: 30 Oct 2023 08:50

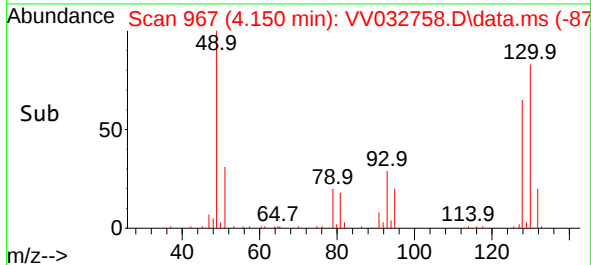
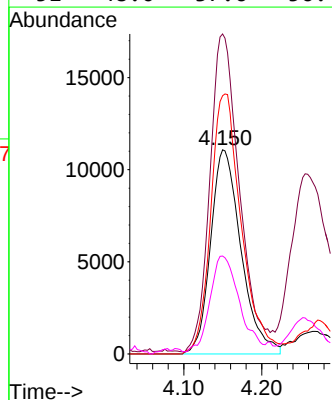
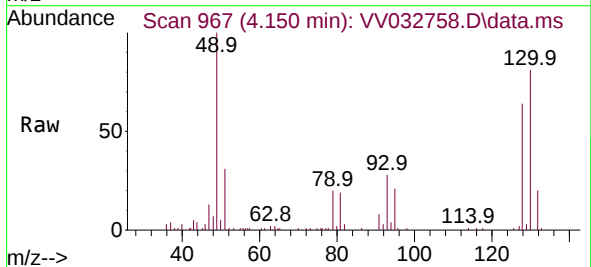
Instrument :
 MSVOA_V
 ClientSampleId :

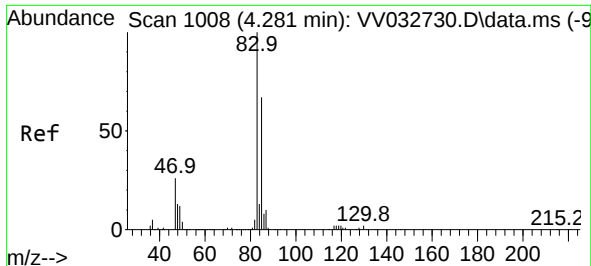
Tgt Ion: 96 Resp: 60901
 Ion Ratio Lower Upper
 96 100
 61 119.7 87.7 162.9
 98 62.6 45.0 83.6



#23
 Bromochloromethane
 Concen: 5.508 ug/L
 RT: 4.150 min Scan# 967
 Delta R.T. -0.003 min
 Lab File: VV032758.D
 Acq: 30 Oct 2023 08:50

Tgt Ion: 128 Resp: 30056
 Ion Ratio Lower Upper
 128 100
 49 156.7 110.4 205.0
 130 126.5 86.8 161.2
 51 48.0 37.6 56.4

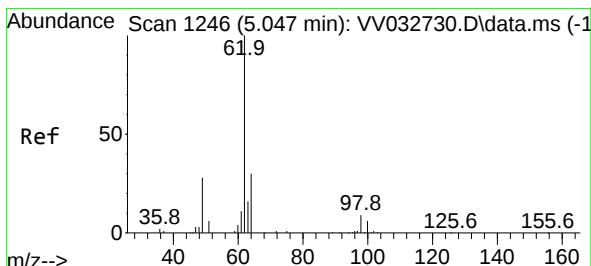
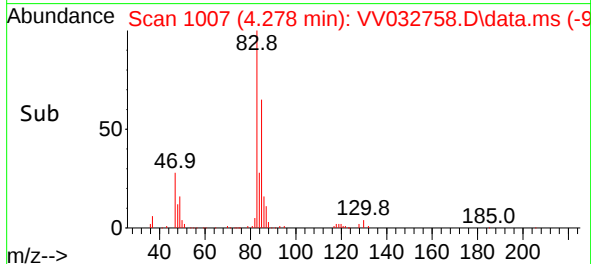
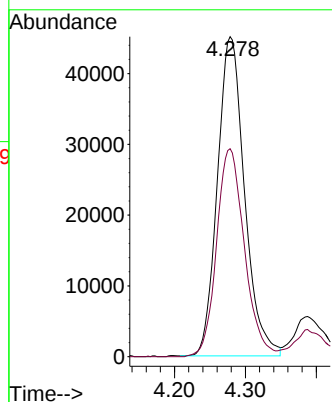
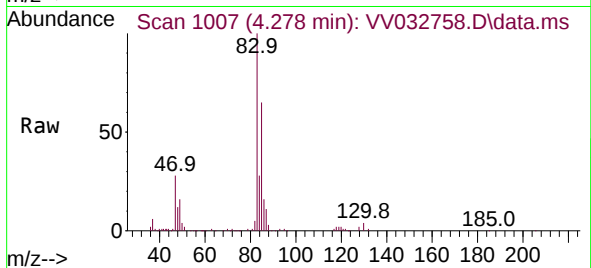




#25
Chloroform
Concen: 5.382 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. -0.003 min
Lab File: VV032758.D
Acq: 30 Oct 2023 08:50

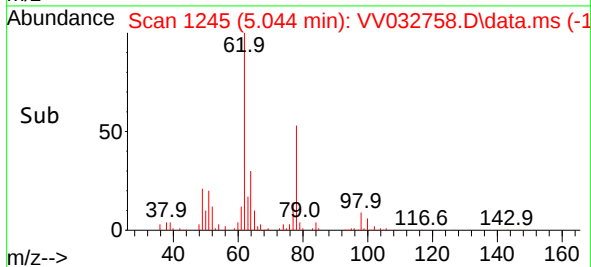
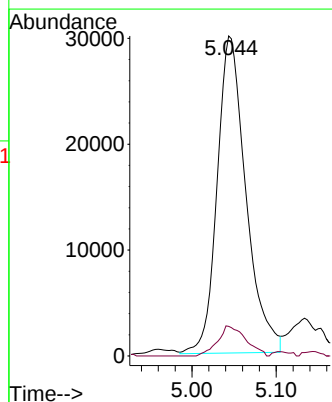
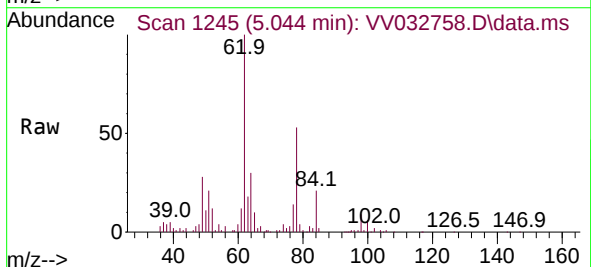
Instrument :
MSVOA_V
ClientSampleId :

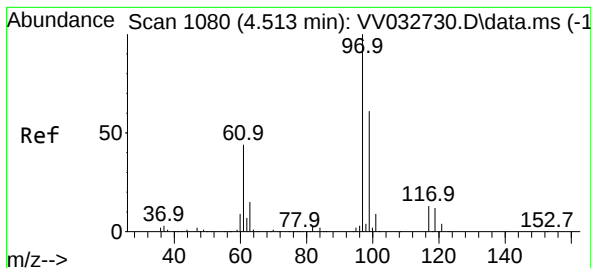
Tgt Ion: 83 Resp: 120005
Ion Ratio Lower Upper
83 100
85 65.0 45.7 84.9



#27
1,2-Dichloroethane
Concen: 5.118 ug/L
RT: 5.044 min Scan# 1245
Delta R.T. -0.003 min
Lab File: VV032758.D
Acq: 30 Oct 2023 08:50

Tgt Ion: 62 Resp: 70943
Ion Ratio Lower Upper
62 100
98 9.2 7.0 10.4





#29

1,1,1-Trichloroethane

Concen: 5.127 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VV032758.D

Acq: 30 Oct 2023 08:50

Instrument :

MSVOA_V

ClientSampleId :

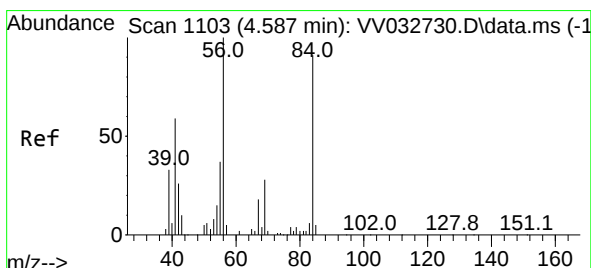
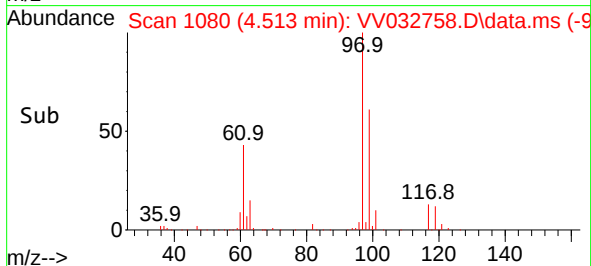
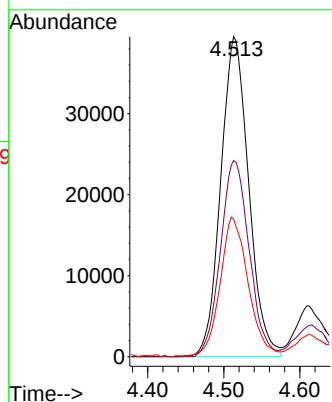
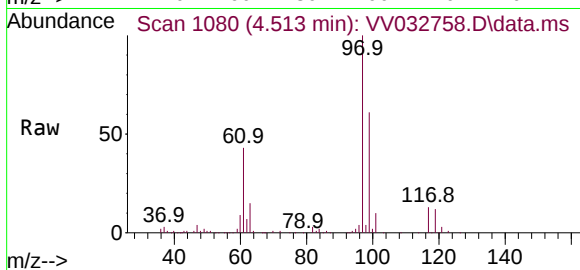
Tgt Ion: 97 Resp: 100779

Ion Ratio Lower Upper

97 100

99 63.1 51.4 77.0

61 43.2 36.1 54.1



#30

Cyclohexane

Concen: 4.427 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VV032758.D

Acq: 30 Oct 2023 08:50

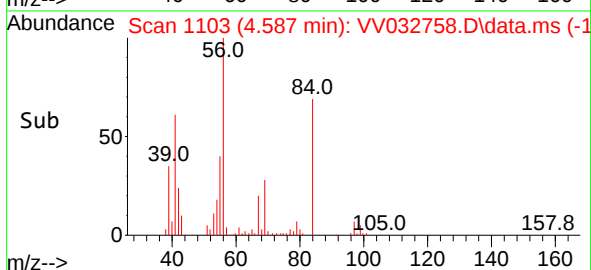
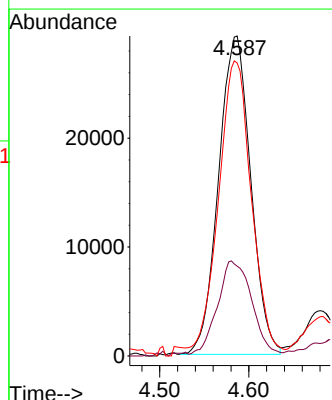
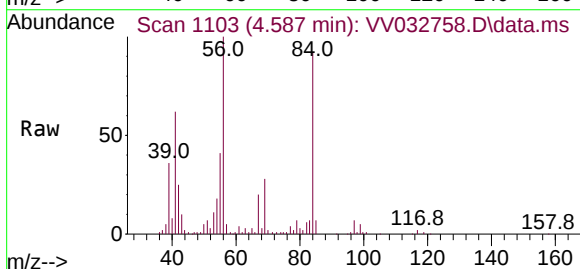
Tgt Ion: 56 Resp: 73337

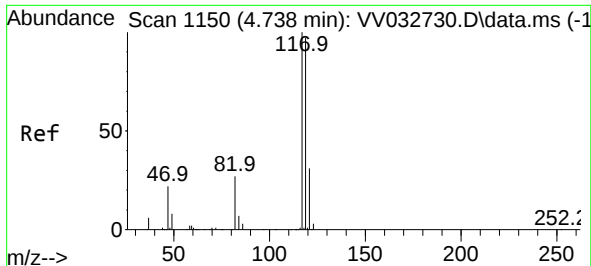
Ion Ratio Lower Upper

56 100

69 31.0 25.0 37.6

84 90.1 72.9 109.3

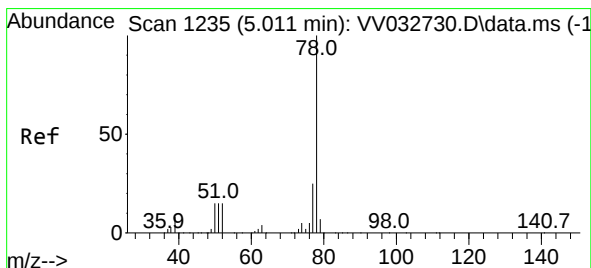
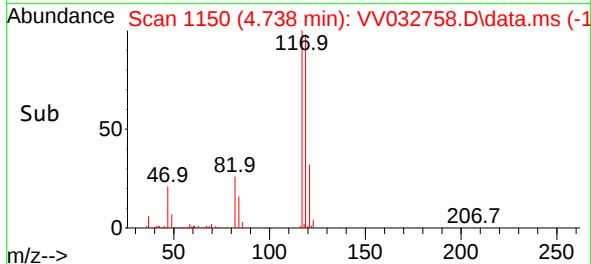
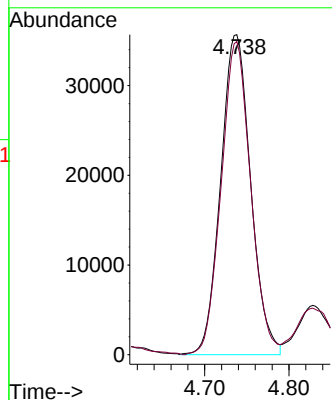
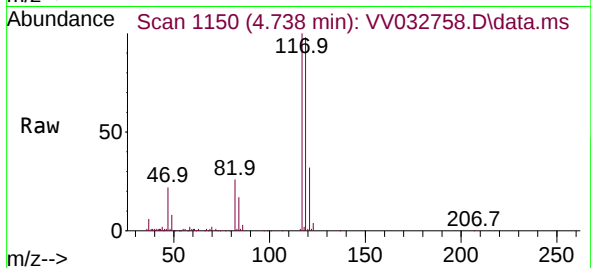




#31
Carbon tetrachloride
Concen: 5.160 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VV032758.D
Acq: 30 Oct 2023 08:50

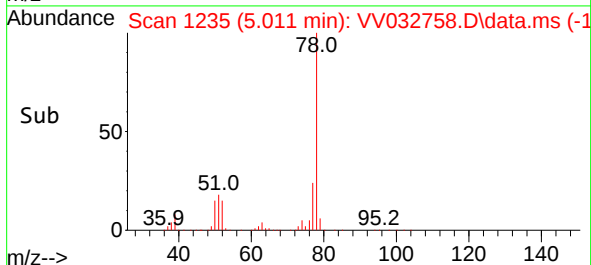
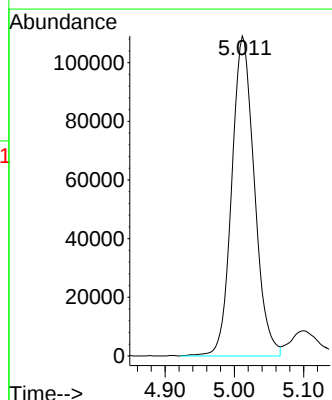
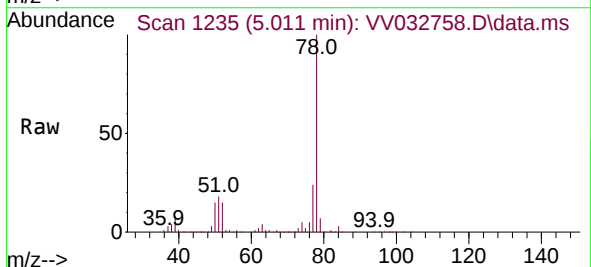
Instrument :
MSVOA_V
ClientSampleId :

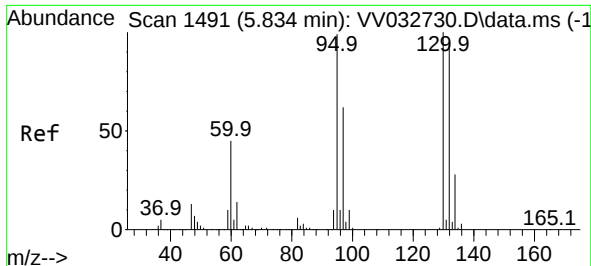
Tgt Ion:117 Resp: 88239
Ion Ratio Lower Upper
117 100
119 96.2 77.8 116.6



#33
Benzene
Concen: 5.151 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VV032758.D
Acq: 30 Oct 2023 08:50

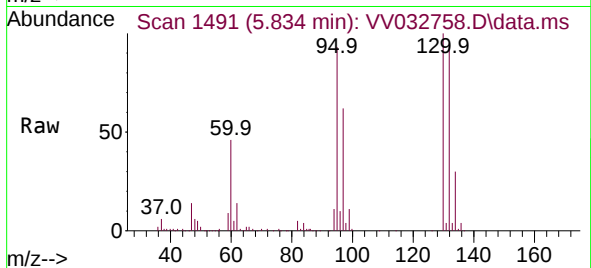
Tgt Ion: 78 Resp: 247428





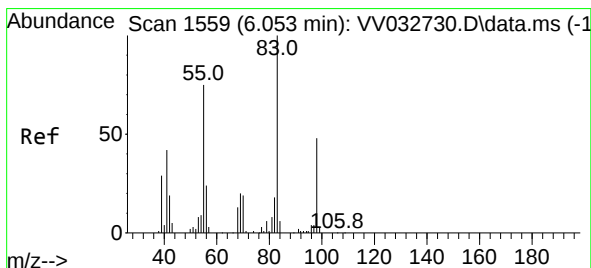
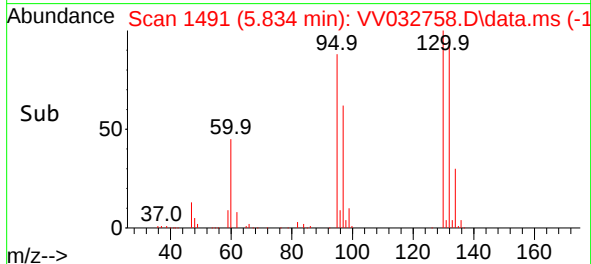
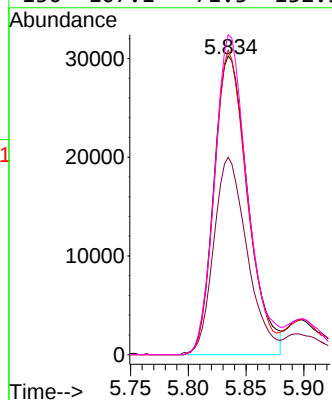
#34
Trichloroethene
Concen: 4.866 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VV032758.D
Acq: 30 Oct 2023 08:50

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 62446

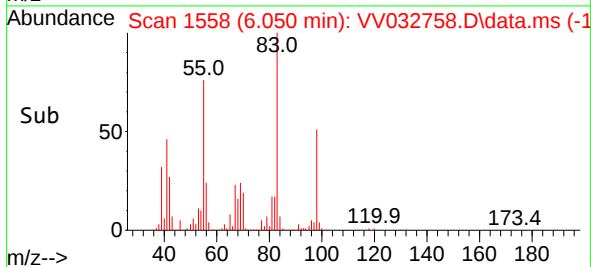
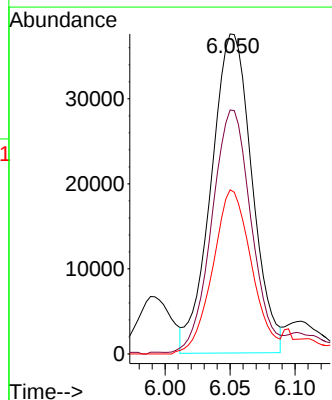
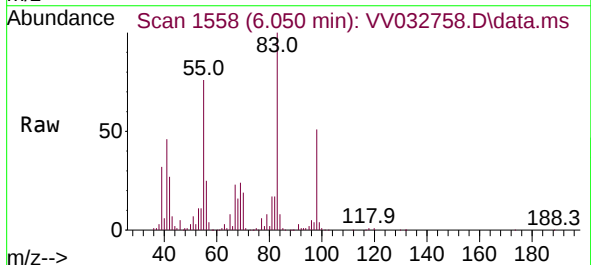
Ion	Ratio	Lower	Upper
95	100		
97	66.1	44.0	81.8
132	101.9	66.9	124.3
130	107.1	71.3	132.3

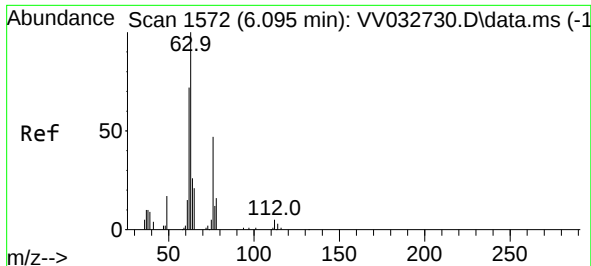


#35
Methylcyclohexane
Concen: 4.289 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.003 min
Lab File: VV032758.D
Acq: 30 Oct 2023 08:50

Tgt Ion: 83 Resp: 82235

Ion	Ratio	Lower	Upper
83	100		
55	73.5	59.6	89.4
98	48.9	39.1	58.7

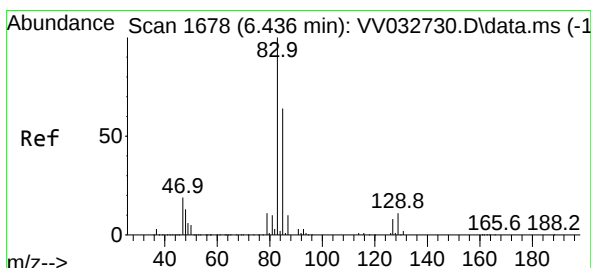
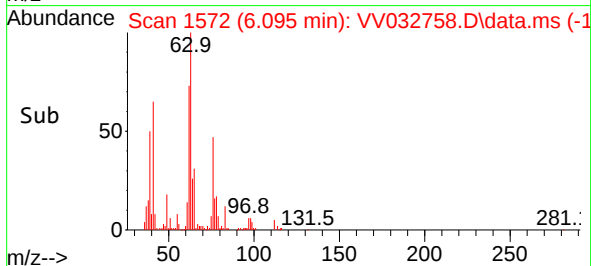
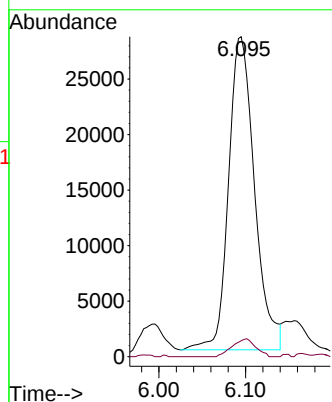
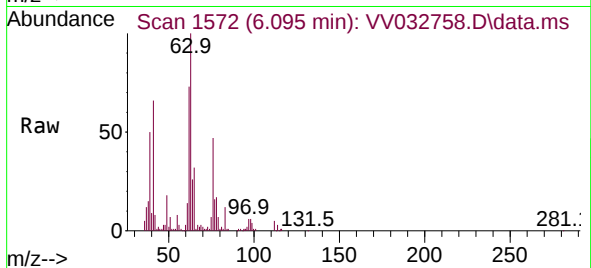




#37
1,2-Dichloropropane
Concen: 5.078 ug/L
RT: 6.095 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VV032758.D
Acq: 30 Oct 2023 08:50

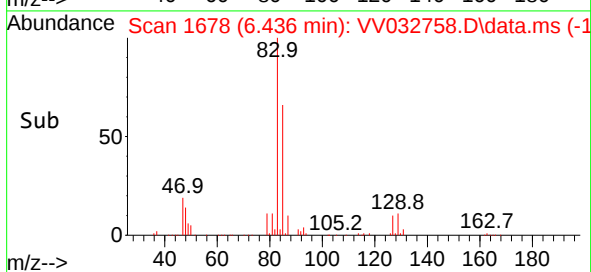
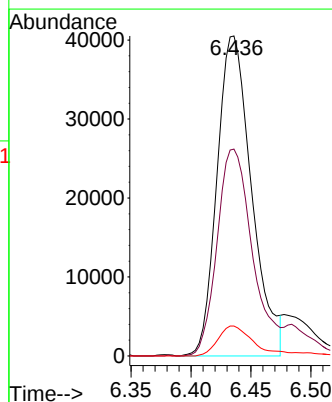
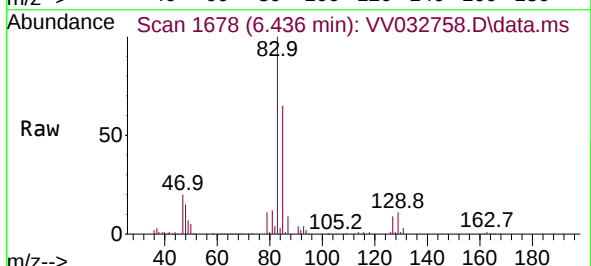
Instrument :
MSVOA_V
ClientSampleId :

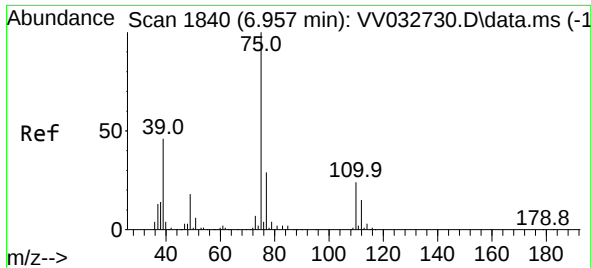
Tgt Ion: 63 Resp: 58850
Ion Ratio Lower Upper
63 100
112 5.1 4.6 7.0



#38
Bromodichloromethane
Concen: 4.750 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VV032758.D
Acq: 30 Oct 2023 08:50

Tgt Ion: 83 Resp: 81333
Ion Ratio Lower Upper
83 100
85 64.6 44.9 83.5
127 9.4 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 3.782 ug/L

RT: 6.957 min Scan# 1840

Delta R.T. 0.000 min

Lab File: VV032758.D

Acq: 30 Oct 2023 08:50

Instrument :

MSVOA_V

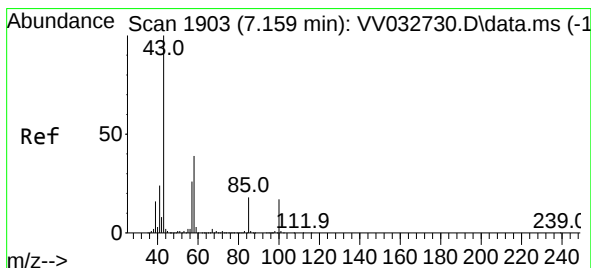
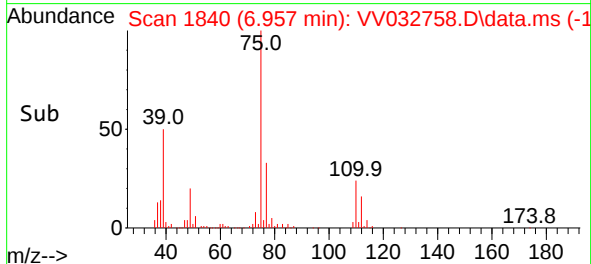
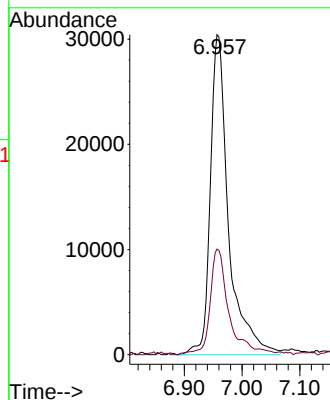
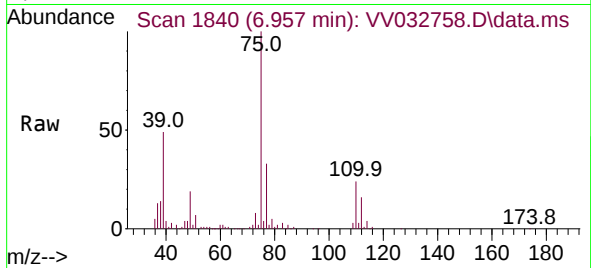
ClientSampleId :

Tgt Ion: 75 Resp: 66739

Ion Ratio Lower Upper

75 100

77 33.0 23.2 43.2



#40

4-Methyl-2-pentanone

Concen: 50.528 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV032758.D

Acq: 30 Oct 2023 08:50

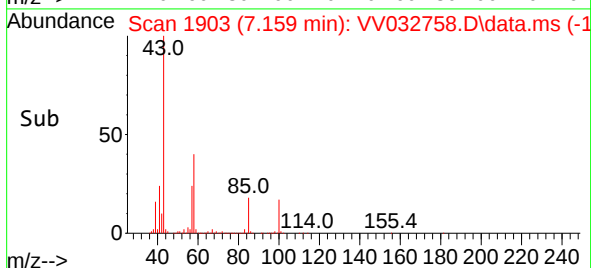
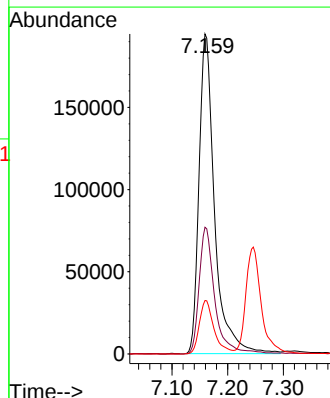
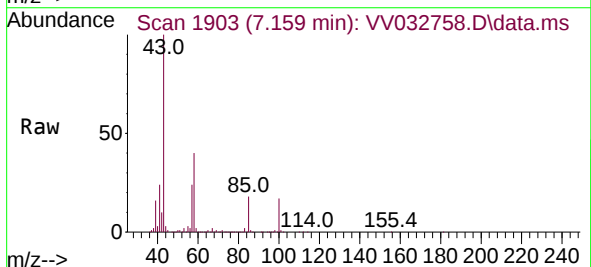
Tgt Ion: 43 Resp: 377879

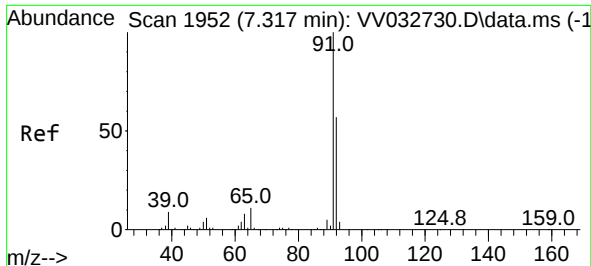
Ion Ratio Lower Upper

43 100

58 39.9 31.3 46.9

100 15.9 12.2 18.4





#42

Toluene

Concen: 5.236 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV032758.D

Acq: 30 Oct 2023 08:50

Instrument :

MSVOA_V

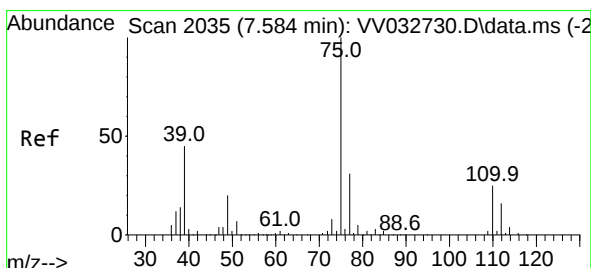
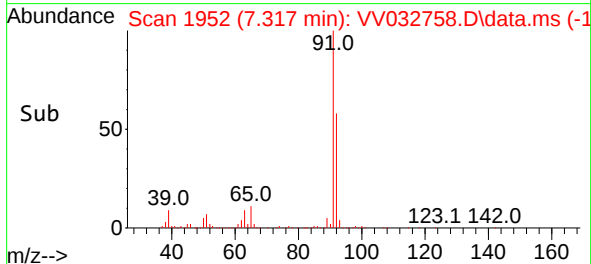
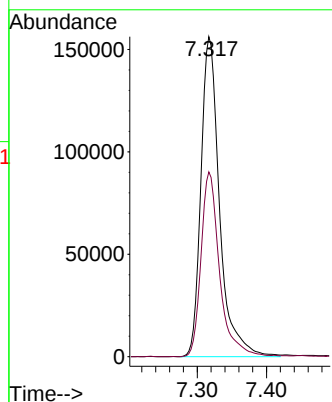
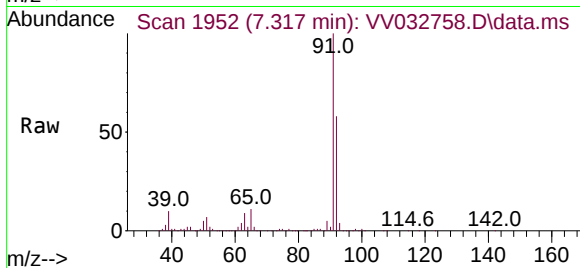
ClientSampleId :

Tgt Ion: 91 Resp: 292216

Ion Ratio Lower Upper

91 100

92 57.8 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 4.134 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV032758.D

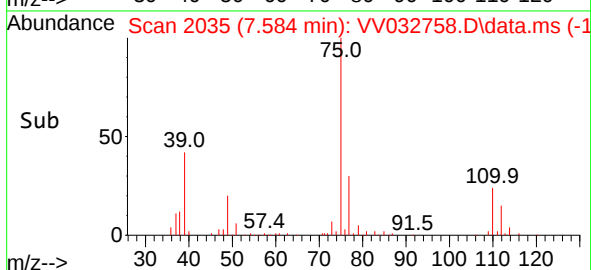
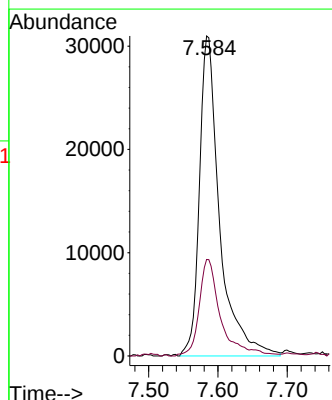
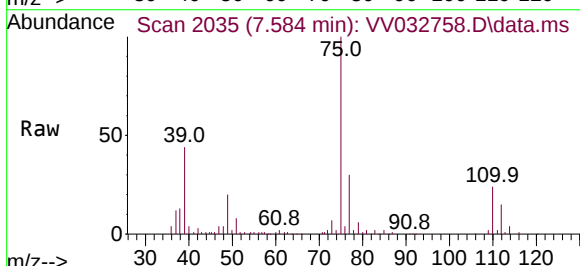
Acq: 30 Oct 2023 08:50

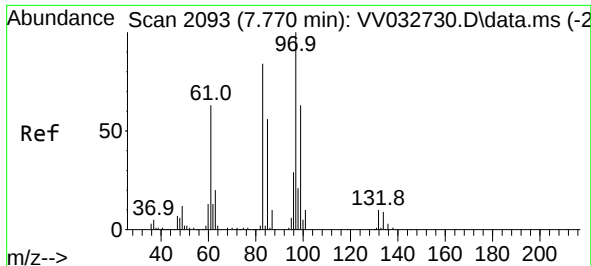
Tgt Ion: 75 Resp: 62771

Ion Ratio Lower Upper

75 100

77 30.2 23.4 43.4

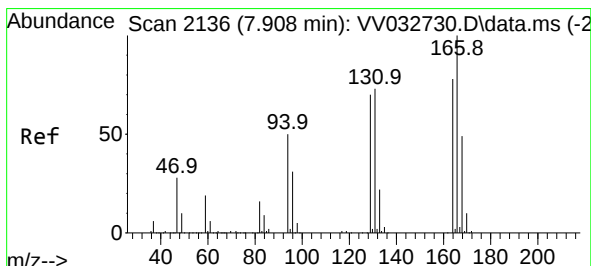
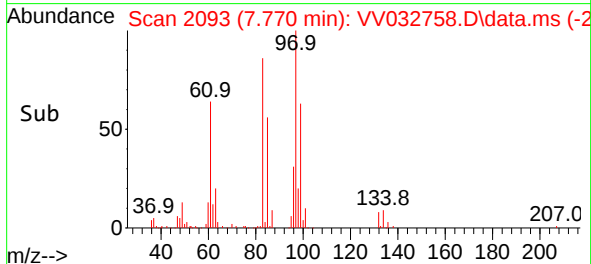
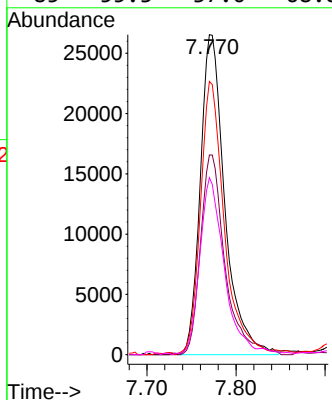
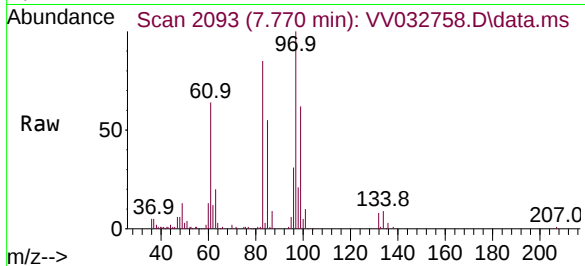




#45
1,1,2-Trichloroethane
Concen: 5.183 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.000 min
Lab File: VV032758.D
Acq: 30 Oct 2023 08:50

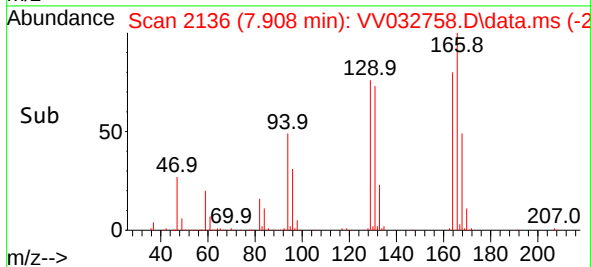
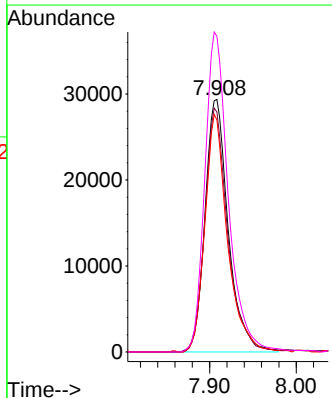
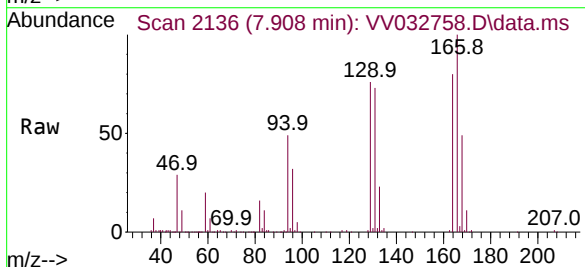
Instrument :
MSVOA_V
ClientSampleId :

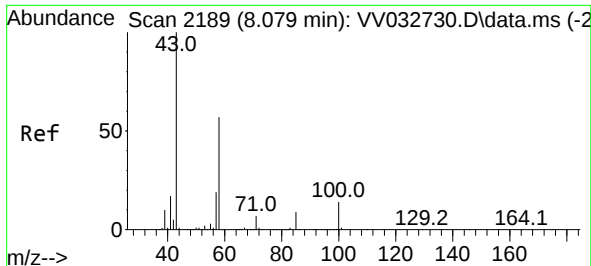
Tgt Ion:	97	Resp:	50739
Ion	Ratio	Lower	Upper
97	100		
99	62.4	44.0	81.8
83	85.4	59.9	111.3
85	55.3	37.0	68.8



#47
Tetrachloroethene
Concen: 4.840 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV032758.D
Acq: 30 Oct 2023 08:50

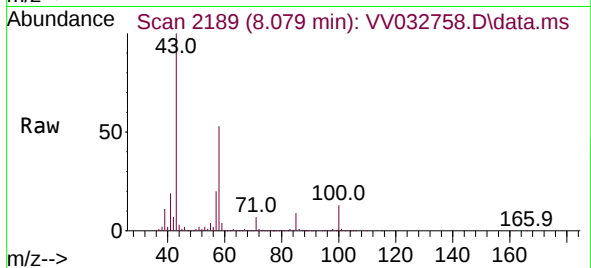
Tgt Ion:	164	Resp:	54882
Ion	Ratio	Lower	Upper
164	100		
129	95.0	65.3	121.3
131	91.9	66.6	123.8
166	125.0	91.6	170.2





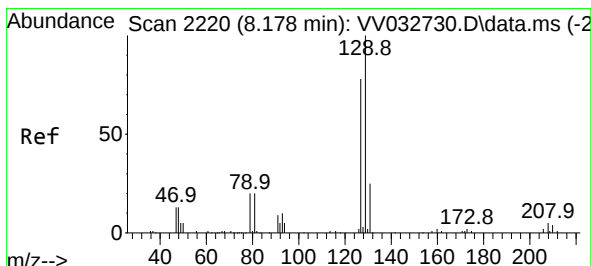
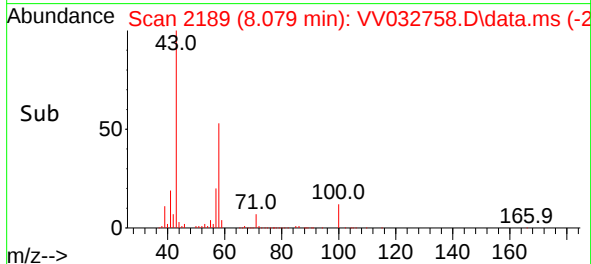
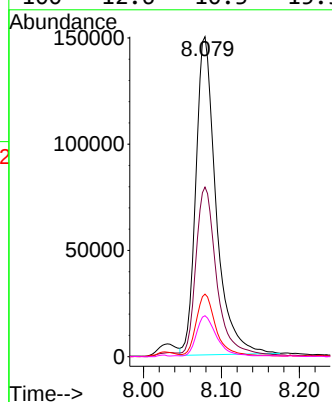
#48
2-Hexanone
Concen: 49.406 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV032758.D
Acq: 30 Oct 2023 08:50

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 270245

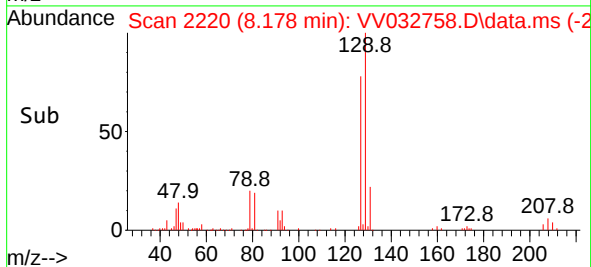
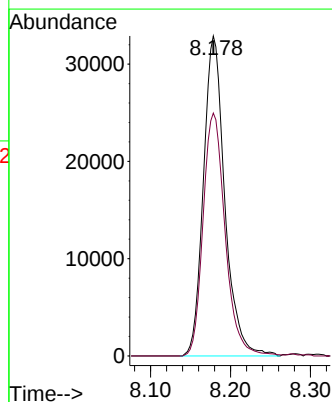
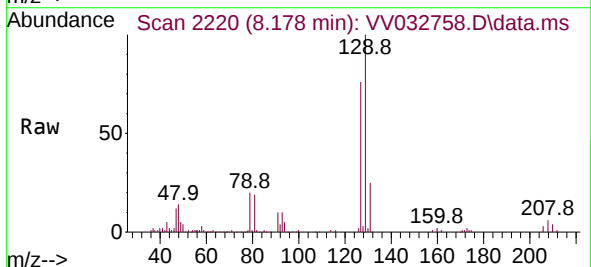
Ion	Ratio	Lower	Upper
43	100		
58	54.8	43.8	65.6
57	18.6	15.1	22.7
100	12.6	10.3	15.5

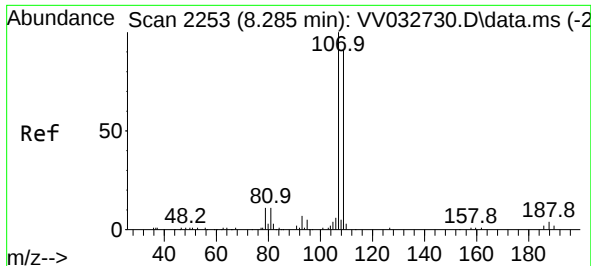


#49
Dibromochloromethane
Concen: 5.276 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.000 min
Lab File: VV032758.D
Acq: 30 Oct 2023 08:50

Tgt Ion: 129 Resp: 61266

Ion	Ratio	Lower	Upper
129	100		
127	75.9	54.0	100.4





#50

1,2-Dibromoethane

Concen: 5.217 ug/L

RT: 8.285 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV032758.D

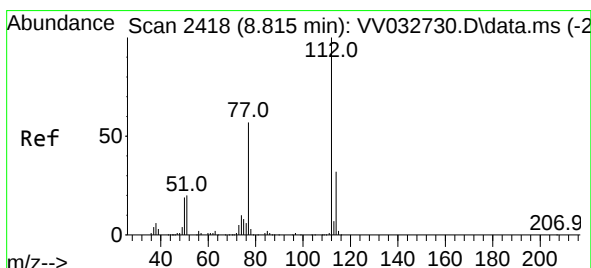
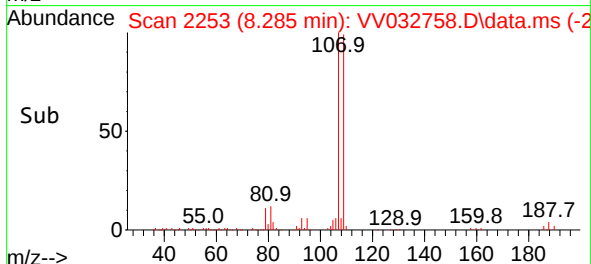
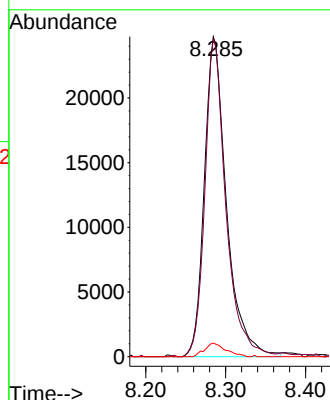
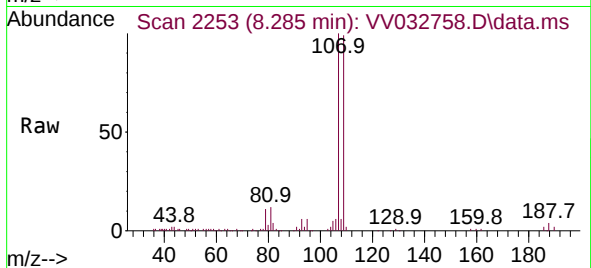
Acq: 30 Oct 2023 08:50

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	47662
Ion	Ratio	Lower	Upper
107	100		
109	99.3	66.4	123.4
188	4.2	2.9	4.3



#51

Chlorobenzene

Concen: 5.003 ug/L

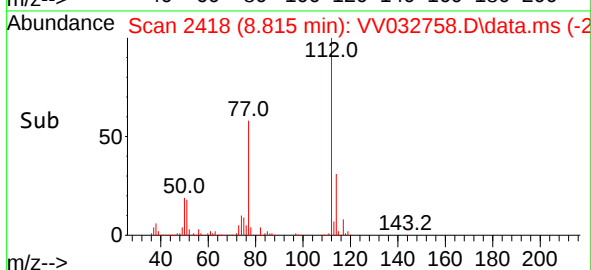
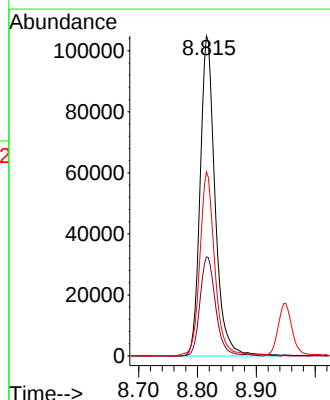
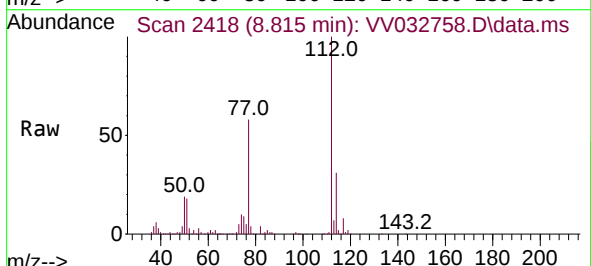
RT: 8.815 min Scan# 2418

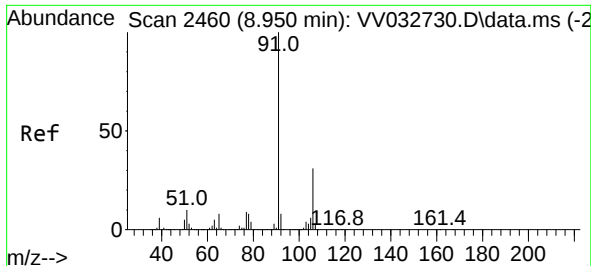
Delta R.T. 0.000 min

Lab File: VV032758.D

Acq: 30 Oct 2023 08:50

Tgt Ion:	112	Resp:	184450
Ion	Ratio	Lower	Upper
112	100		
114	30.9	22.7	42.3
77	57.5	45.7	68.5

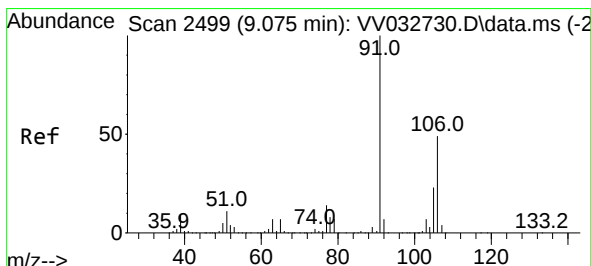
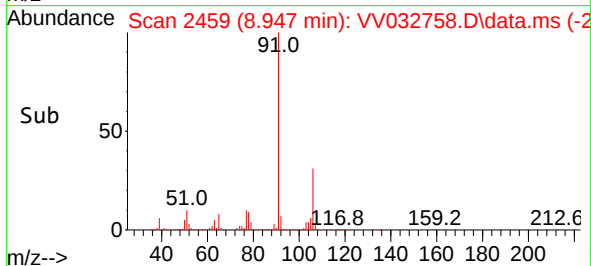
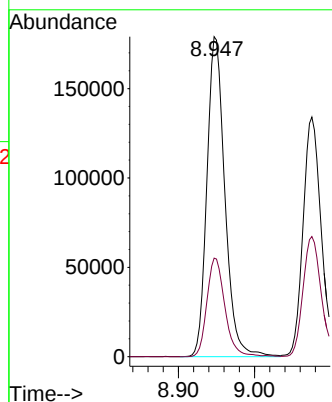
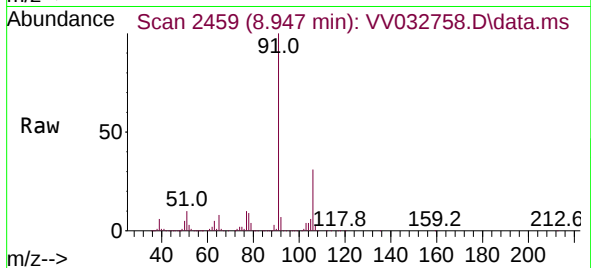




#52
Ethylbenzene
Concen: 5.010 ug/L
RT: 8.947 min Scan# 2460
Delta R.T. -0.003 min
Lab File: VV032758.D
Acq: 30 Oct 2023 08:50

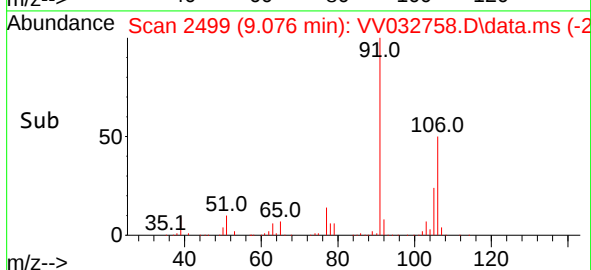
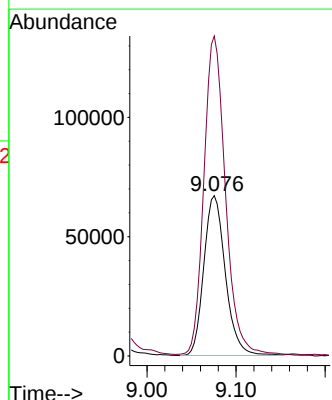
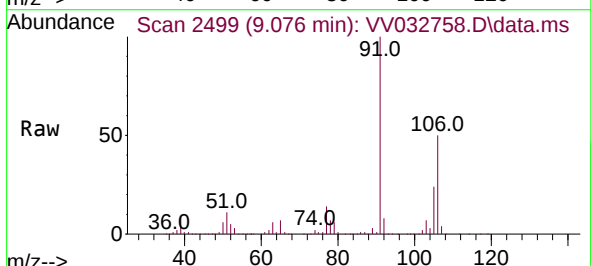
Instrument :
MSVOA_V
ClientSampleId :

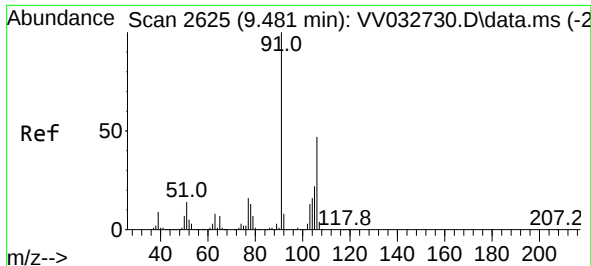
Tgt Ion: 91 Resp: 293894
Ion Ratio Lower Upper
91 100
106 30.8 20.9 38.9



#53
m,p-Xylene
Concen: 5.069 ug/L
RT: 9.076 min Scan# 2499
Delta R.T. 0.000 min
Lab File: VV032758.D
Acq: 30 Oct 2023 08:50

Tgt Ion: 106 Resp: 112608
Ion Ratio Lower Upper
106 100
91 199.5 139.3 258.7

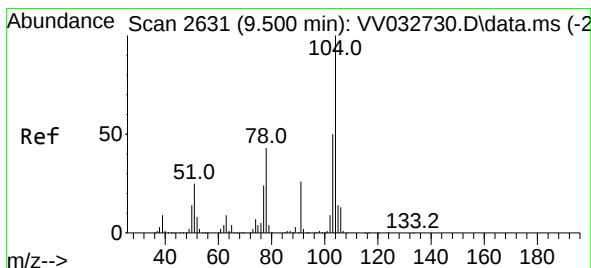
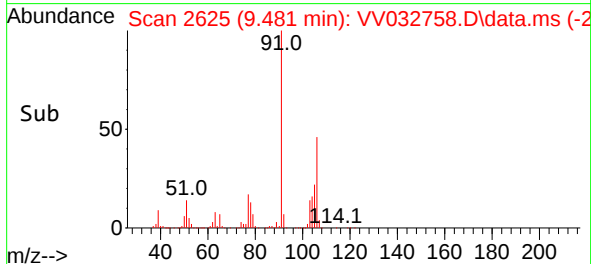
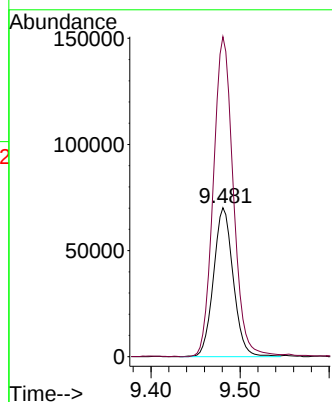
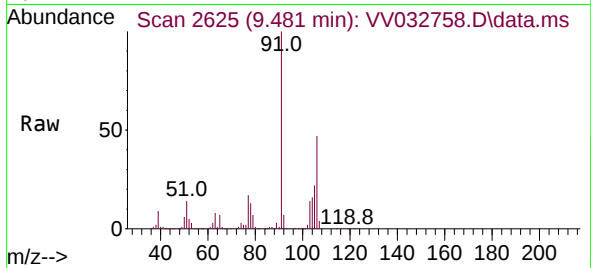




#54
o-Xylene
Concen: 5.002 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032758.D
Acq: 30 Oct 2023 08:50

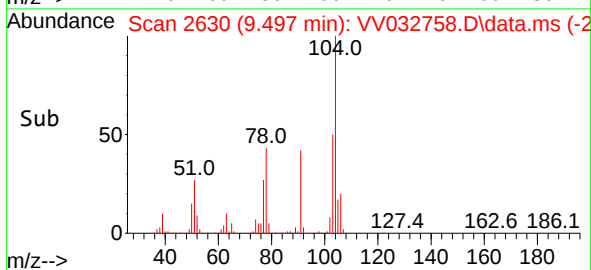
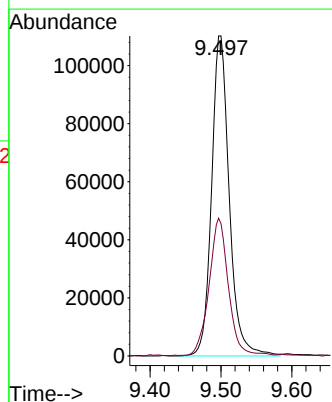
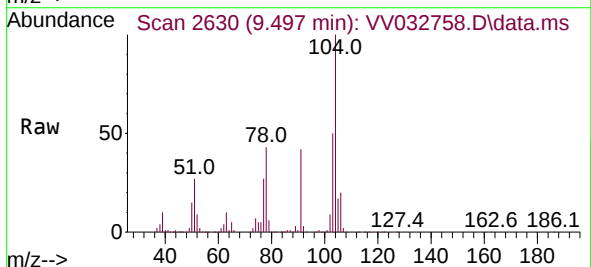
Instrument :
MSVOA_V
ClientSampleId :

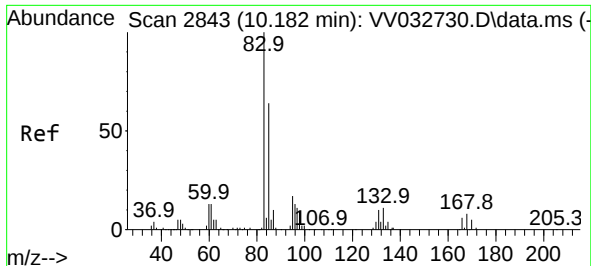
Tgt Ion:106 Resp: 107779
Ion Ratio Lower Upper
106 100
91 214.9 147.4 273.8



#55
Styrene
Concen: 5.352 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. -0.003 min
Lab File: VV032758.D
Acq: 30 Oct 2023 08:50

Tgt Ion:104 Resp: 191054
Ion Ratio Lower Upper
104 100
78 43.1 30.5 56.7

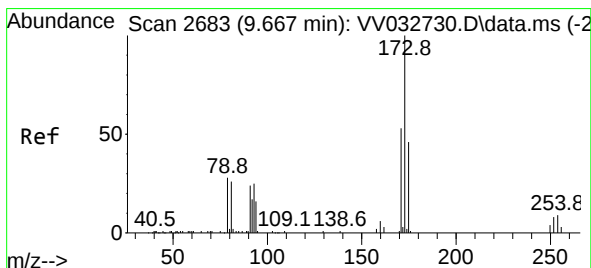
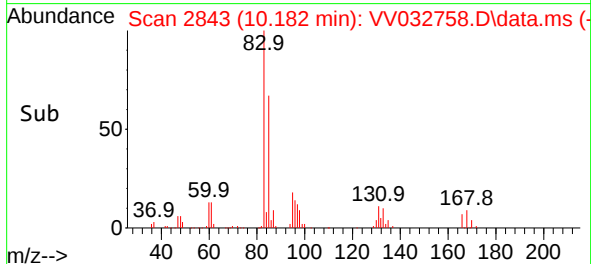
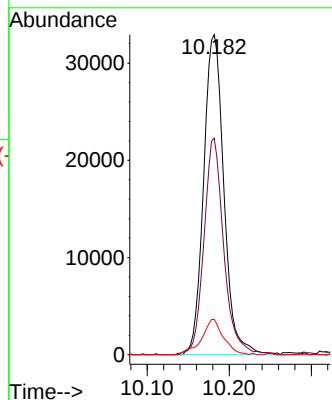
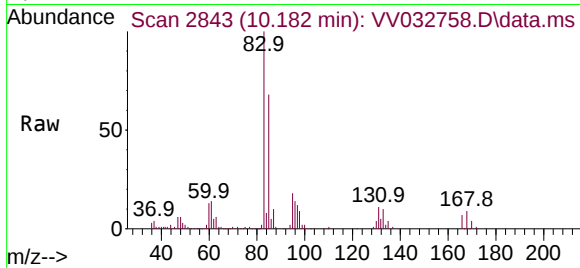




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.964 ug/L
 RT: 10.182 min Scan# 2843
 Delta R.T. 0.000 min
 Lab File: VV032758.D
 Acq: 30 Oct 2023 08:50

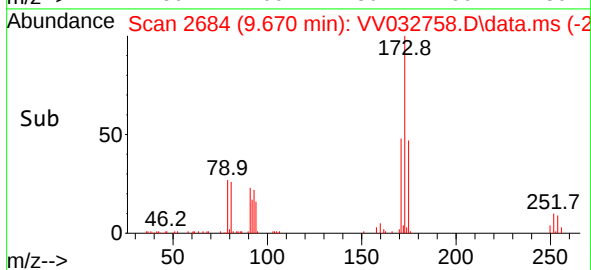
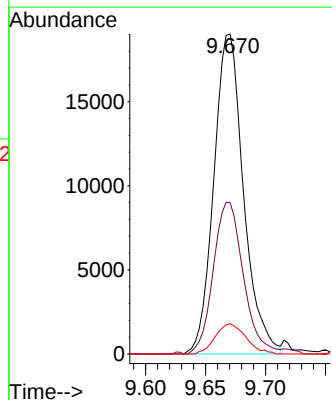
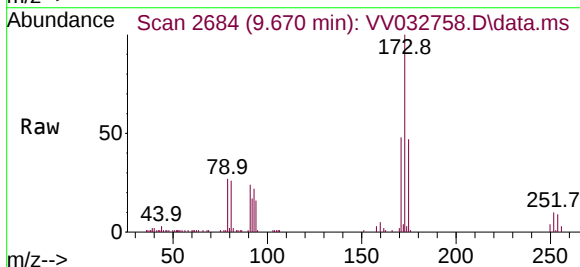
Instrument :
 MSVOA_V
 ClientSampleId :

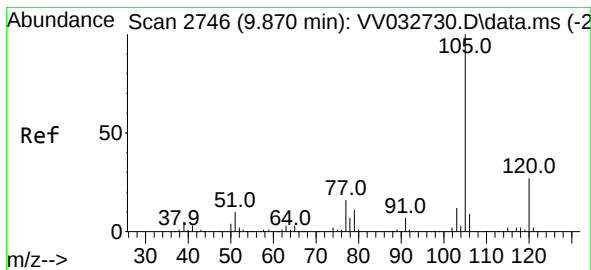
Tgt Ion: 83 Resp: 56683
 Ion Ratio Lower Upper
 83 100
 85 67.6 44.0 81.8
 131 11.0 7.8 11.8



#59
 Bromoform
 Concen: 5.304 ug/L
 RT: 9.670 min Scan# 2684
 Delta R.T. 0.003 min
 Lab File: VV032758.D
 Acq: 30 Oct 2023 08:50

Tgt Ion: 173 Resp: 32773
 Ion Ratio Lower Upper
 173 100
 175 48.5 38.4 57.6
 254 9.7 6.9 10.3





#60

Isopropylbenzene

Concen: 5.010 ug/L

RT: 9.870 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV032758.D

Acq: 30 Oct 2023 08:50

Instrument :

MSVOA_V

ClientSampleId :

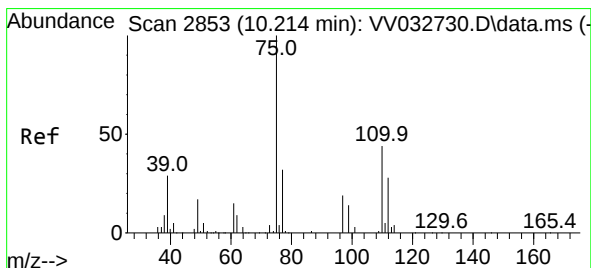
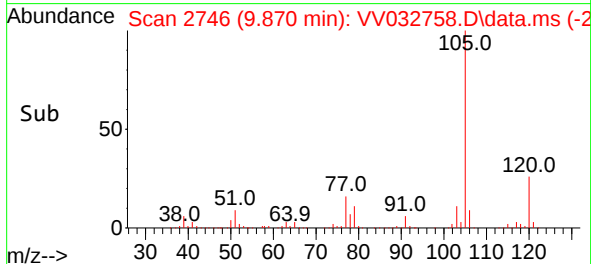
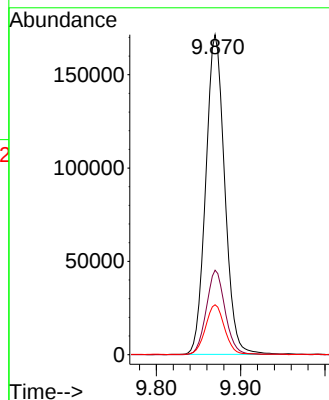
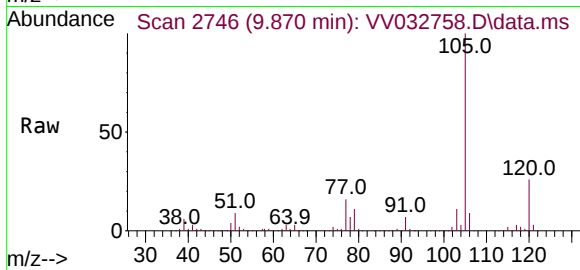
Tgt Ion:105 Resp: 267755

Ion Ratio Lower Upper

105 100

120 26.4 21.0 31.6

77 15.8 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 4.861 ug/L

RT: 10.214 min Scan# 2853

Delta R.T. 0.000 min

Lab File: VV032758.D

Acq: 30 Oct 2023 08:50

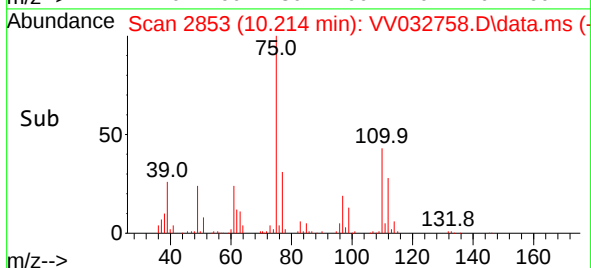
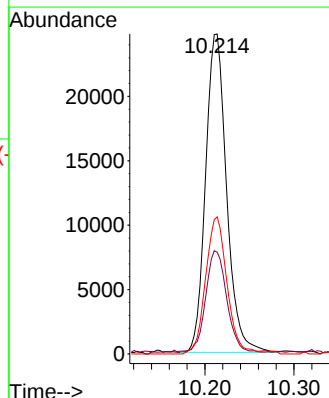
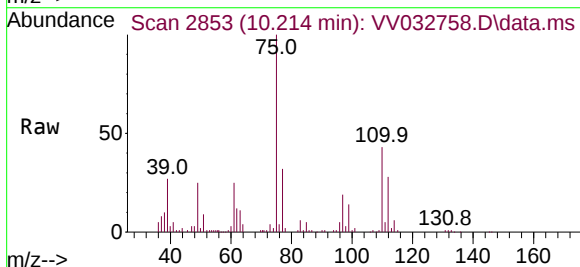
Tgt Ion: 75 Resp: 40485

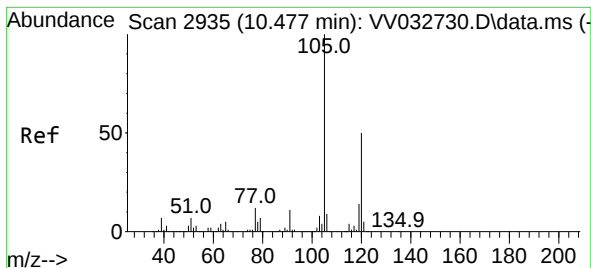
Ion Ratio Lower Upper

75 100

77 30.8 24.5 36.7

110 43.7 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 4.838 ug/L

RT: 10.481 min Scan# 2935

Delta R.T. 0.003 min

Lab File: VV032758.D

Acq: 30 Oct 2023 08:50

Instrument :

MSVOA_V

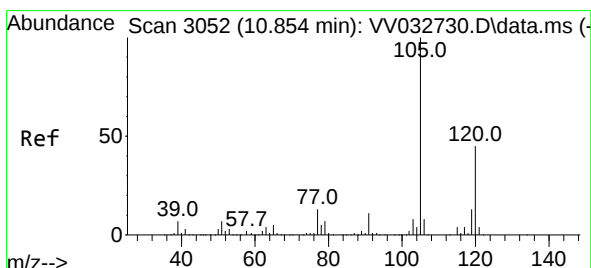
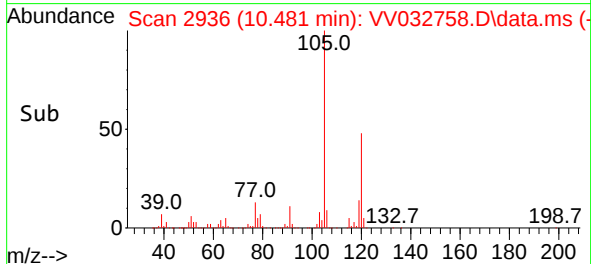
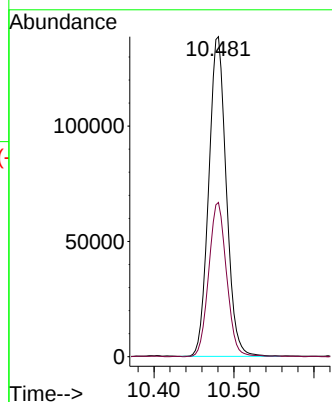
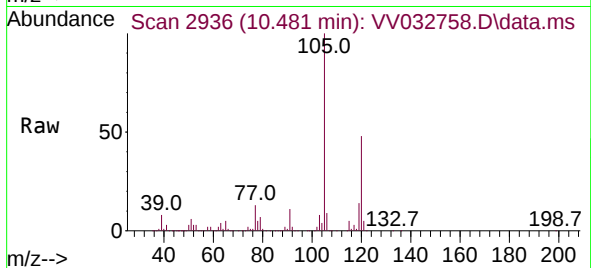
ClientSampleId :

Tgt Ion:105 Resp: 211401

Ion Ratio Lower Upper

105 100

120 49.1 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 4.978 ug/L

RT: 10.854 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VV032758.D

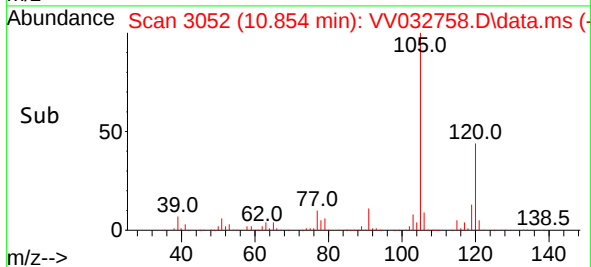
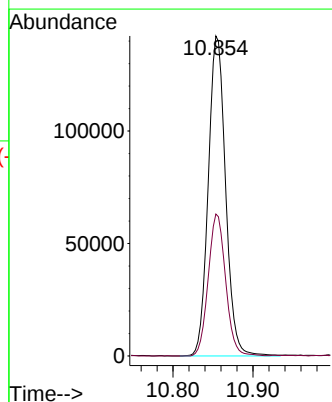
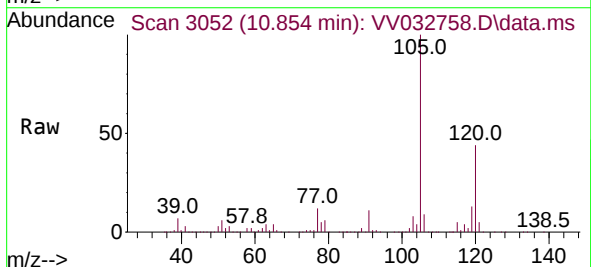
Acq: 30 Oct 2023 08:50

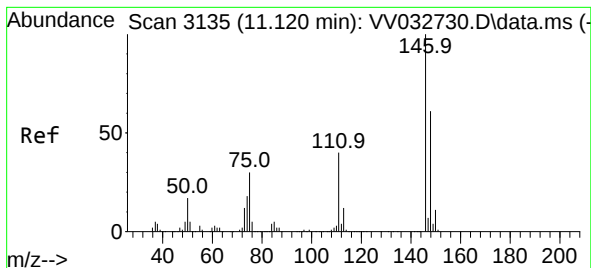
Tgt Ion:105 Resp: 214903

Ion Ratio Lower Upper

105 100

120 44.5 36.9 55.3





#64

1,3-Dichlorobenzene

Concen: 5.182 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.000 min

Lab File: VV032758.D

Acq: 30 Oct 2023 08:50

Instrument :

MSVOA_V

ClientSampleId :

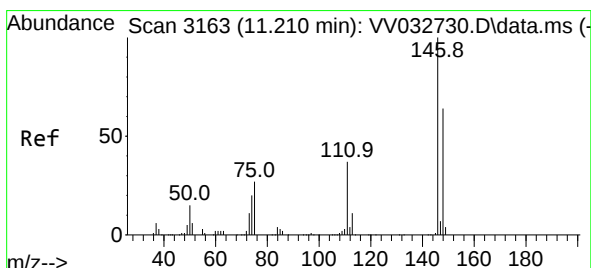
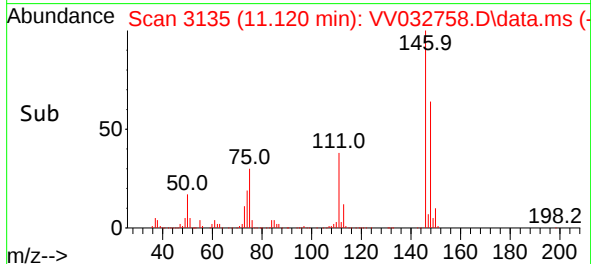
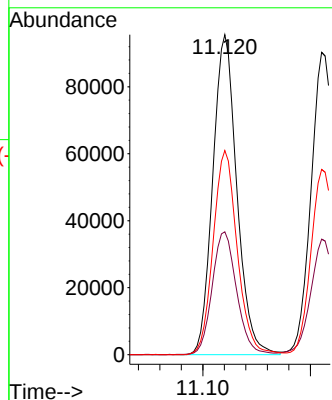
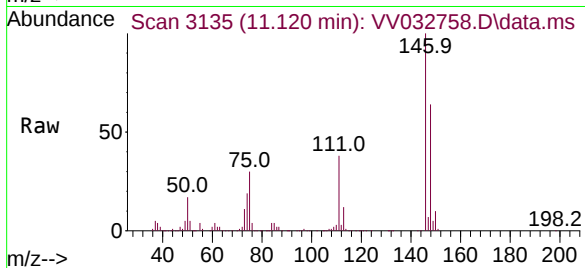
Tgt Ion:146 Resp: 148600

Ion Ratio Lower Upper

146 100

111 38.4 26.8 49.8

148 63.8 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 5.085 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VV032758.D

Acq: 30 Oct 2023 08:50

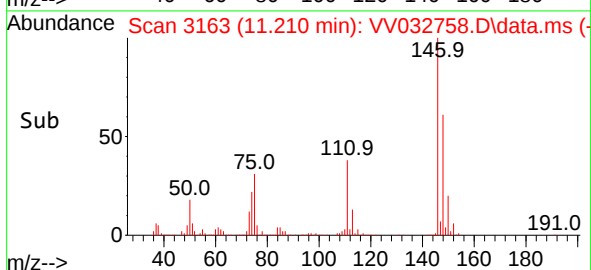
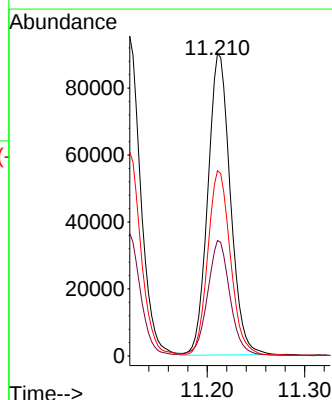
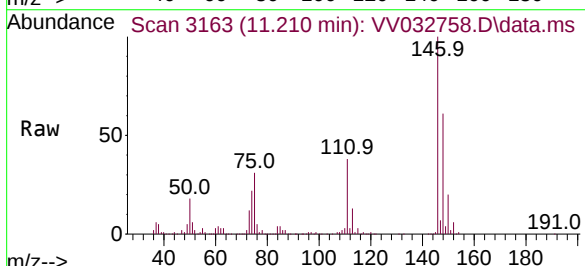
Tgt Ion:146 Resp: 144757

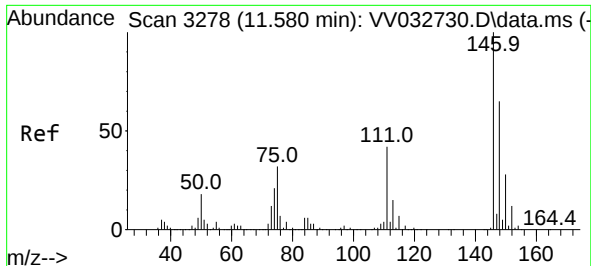
Ion Ratio Lower Upper

146 100

111 38.2 26.2 48.8

148 61.3 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 5.198 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV032758.D

Acq: 30 Oct 2023 08:50

Instrument :

MSVOA_V

ClientSampleId :

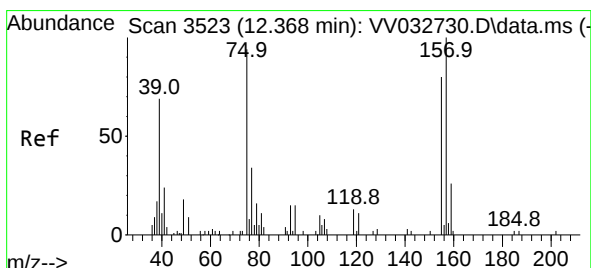
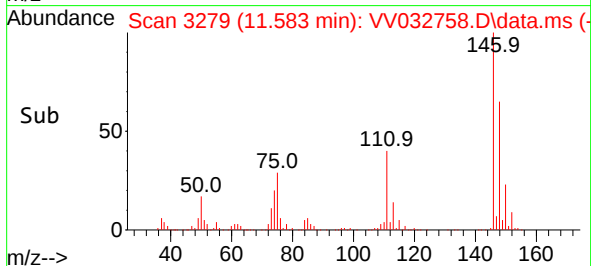
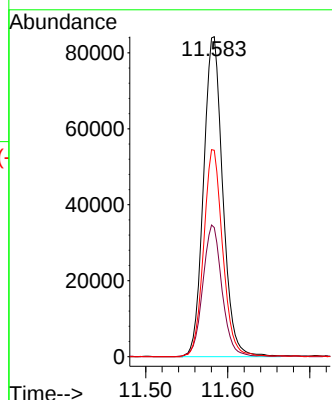
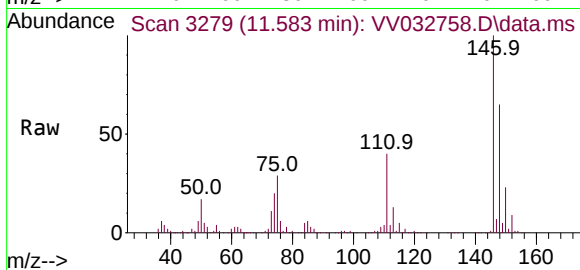
Tgt Ion:146 Resp: 137090

Ion Ratio Lower Upper

146 100

111 40.4 34.2 51.4

148 64.5 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.570 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.000 min

Lab File: VV032758.D

Acq: 30 Oct 2023 08:50

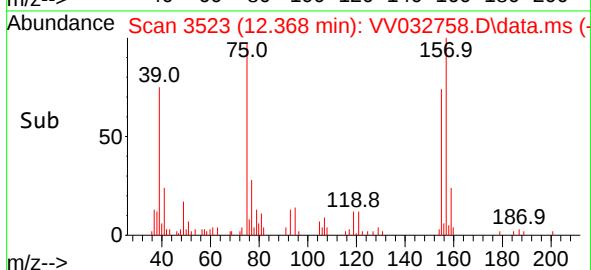
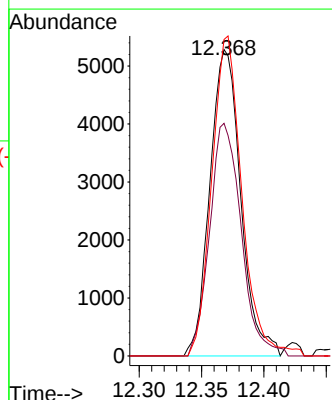
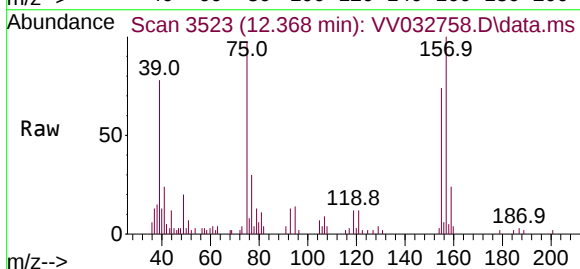
Tgt Ion: 75 Resp: 9096

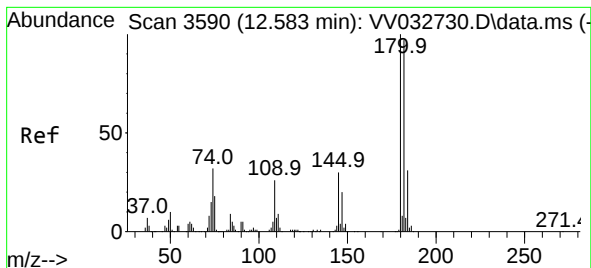
Ion Ratio Lower Upper

75 100

155 75.9 70.1 105.1

157 103.3 90.2 135.2





#69

1,3,5-Trichlorobenzene

Concen: 4.511 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.000 min

Lab File: VV032758.D

Acq: 30 Oct 2023 08:50

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 92332

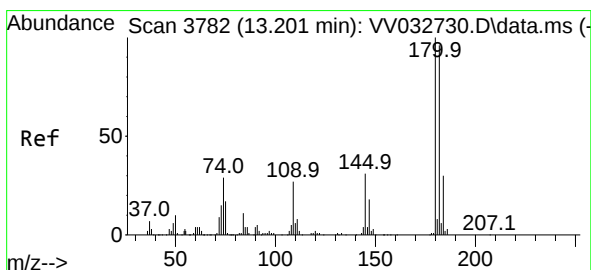
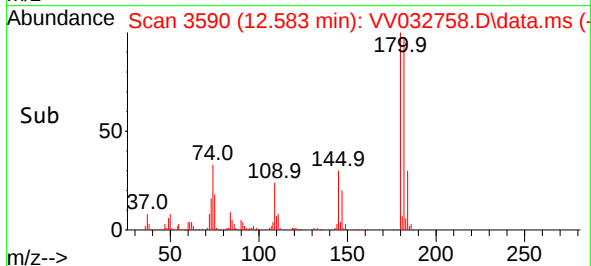
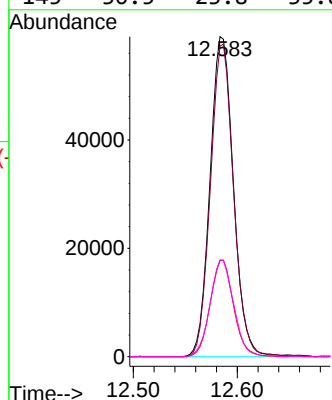
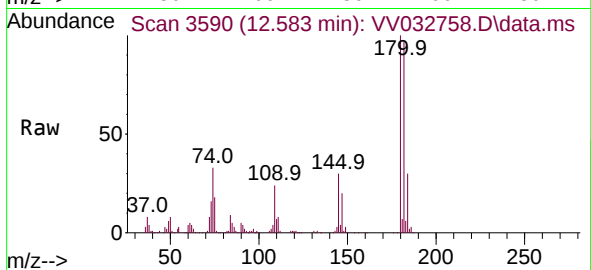
Ion Ratio Lower Upper

180 100

182 96.5 76.6 115.0

184 30.1 24.3 36.5

145 30.5 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 4.269 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.000 min

Lab File: VV032758.D

Acq: 30 Oct 2023 08:50

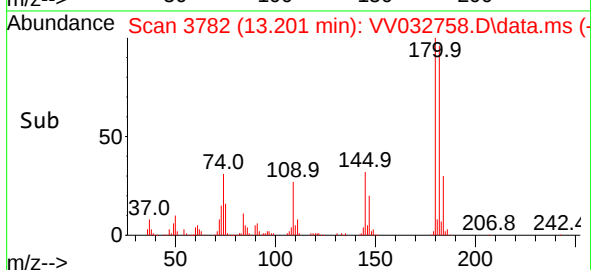
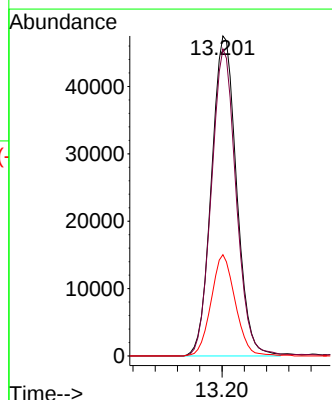
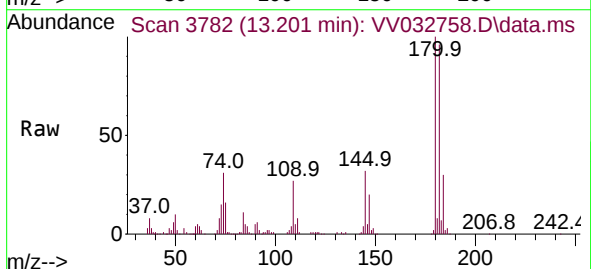
Tgt Ion:180 Resp: 74154

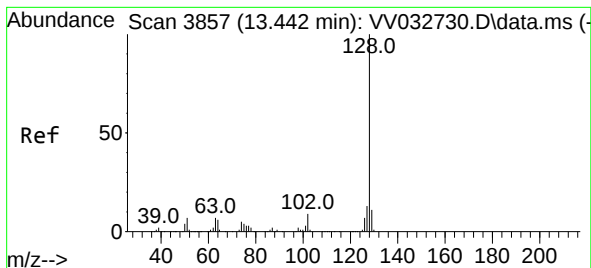
Ion Ratio Lower Upper

180 100

182 94.5 75.7 113.5

145 30.5 25.0 37.4





#71

Naphthalene

Concen: 3.940 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.000 min

Lab File: VV032758.D

Acq: 30 Oct 2023 08:50

Instrument :

MSVOA_V

ClientSampleId :

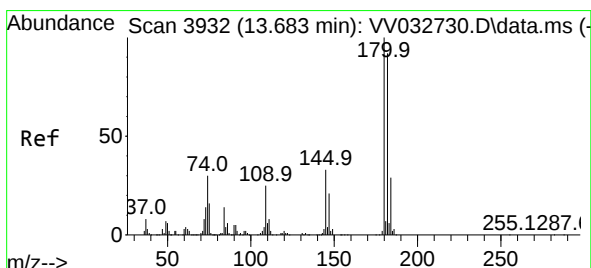
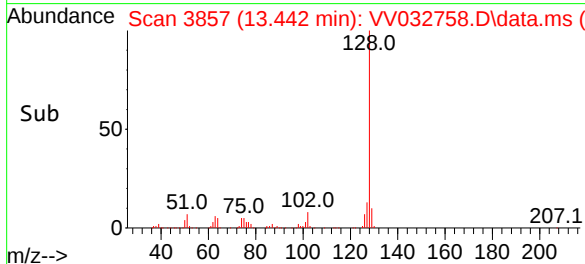
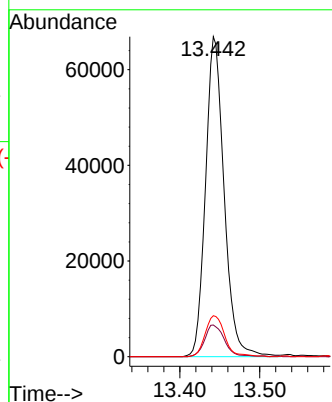
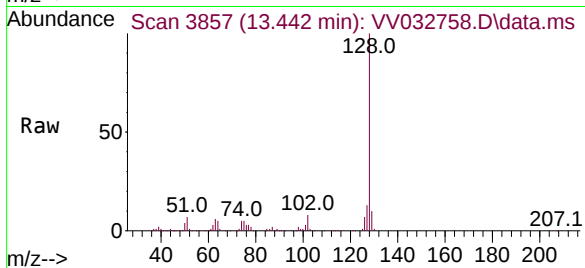
Tgt Ion:128 Resp: 108450

Ion Ratio Lower Upper

128 100

129 10.5 8.6 12.8

127 13.5 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 4.683 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.000 min

Lab File: VV032758.D

Acq: 30 Oct 2023 08:50

Tgt Ion:180 Resp: 71524

Ion Ratio Lower Upper

180 100

182 93.0 75.4 113.2

145 32.2 26.4 39.6

