

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022224\
 Data File : VW034357.D
 Acq On : 22 Feb 2024 19:20
 Operator : SY/MD
 Sample : P1526-02MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 23 01:20:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 23 01:14:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	77573	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	70276	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	35223	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	17469	2.908	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.200%
7) Chloroethane-d5	1.536	69	17553	3.336	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.800%
11) 1,1-Dichloroethene-d2	2.060	65	9325	3.218	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.400%
20) 2-Butanone-d5	3.809	46	60144	59.608	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.220%
24) Chloroform-d	4.253	84	50437	4.620	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	4.947	65	25112	4.922	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	4.963	84	86245	4.090	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	5.989	67	25952	4.403	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.243	98	79131	4.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	7.558	79	9322	4.189	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.027	63	44246	55.694	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.380%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	19056	5.333	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	30027	4.687	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	28570	4.019	ug/L	97
3) Chloromethane	1.217	50	36180	4.666	ug/L	99
5) Vinyl chloride	1.285	62	33179	4.478	ug/L	92
6) Bromomethane	1.491	94	12636	3.238	ug/L	99
8) Chloroethane	1.552	64	22762	4.503	ug/L	94
9) Trichlorofluoromethane	1.712	101	57772	5.410	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	28606	5.125	ug/L	99
12) 1,1-Dichloroethene	2.069	96	28238	5.211	ug/L	90
13) Acetone	2.137	43	43165	56.390	ug/L #	35
14) Carbon disulfide	2.243	76	79591	4.539	ug/L	98
15) Methyl Acetate	2.388	43	8710	4.808	ug/L	100
16) Methylene chloride	2.449	84	28256	5.434	ug/L	95
17) Methyl tert-butyl Ether	2.706	73	63837	5.733	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	29060	5.265	ug/L	99
19) 1,1-Dichloroethane	3.114	63	54904	5.413	ug/L	97
21) 2-Butanone	3.889	43	54625	54.000	ug/L #	47
22) cis-1,2-Dichloroethene	3.815	96	30782	4.915	ug/L	98
23) Bromochloromethane	4.150	128	12606	5.790	ug/L	89
25) Chloroform	4.278	83	55863	5.449	ug/L	96

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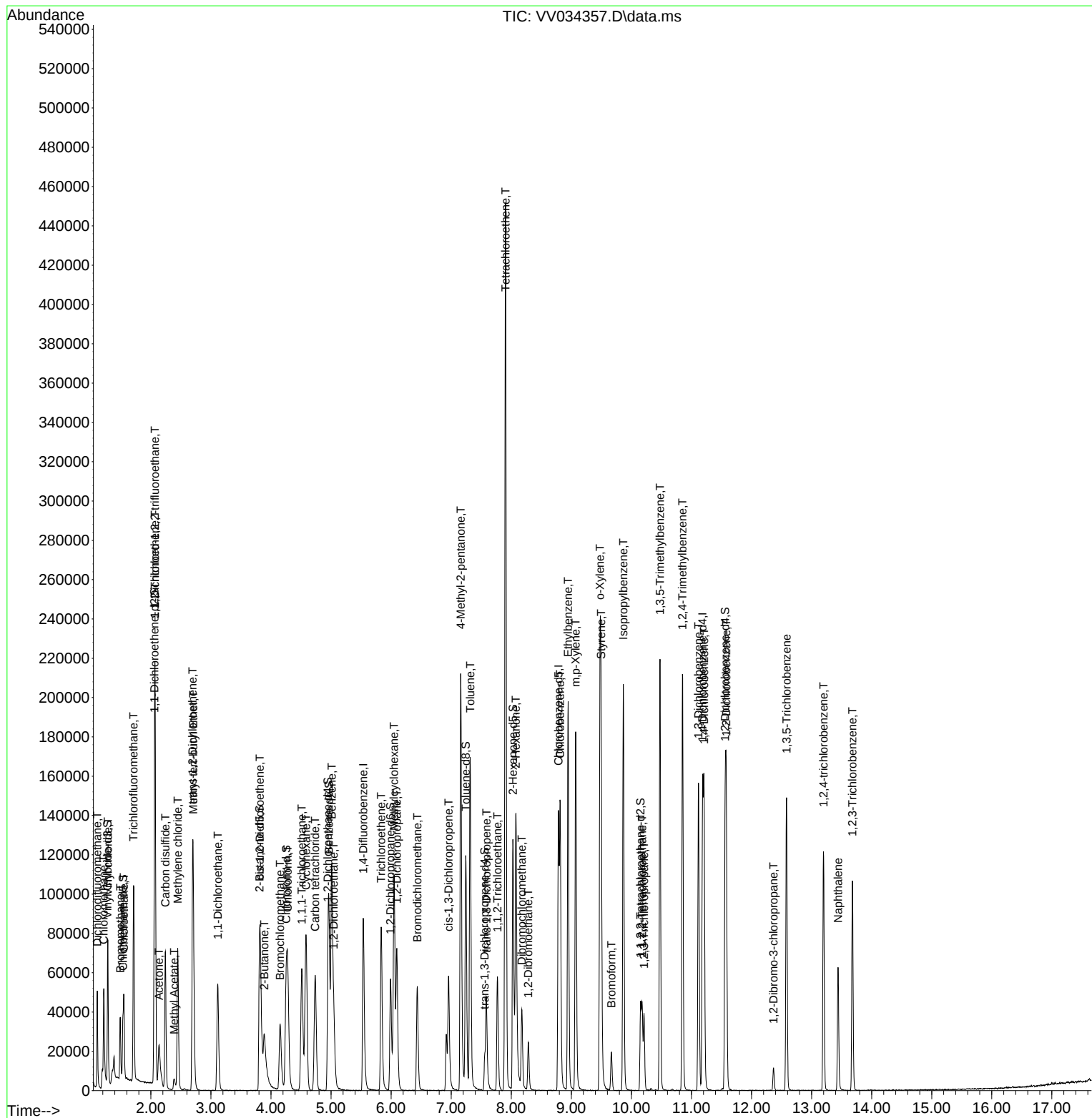
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	33251	5.664	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	52164	5.529	ug/L	99
30) Cyclohexane	4.584	56	43590	4.750	ug/L	96
31) Carbon tetrachloride	4.735	117	45049	5.457	ug/L	99
33) Benzene	5.011	78	113305	5.376	ug/L	100
34) Trichloroethene	5.834	95	30390	4.982	ug/L	96
35) Methylcyclohexane	6.050	83	45103	4.710	ug/L	97
37) 1,2-Dichloropropane	6.095	63	26028	5.098	ug/L	100
38) Bromodichloromethane	6.436	83	35970	5.367	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	36148	4.653	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	143728	58.785	ug/L	99
42) Toluene	7.317	91	122422	5.434	ug/L	95
44) trans-1,3-Dichloropropene	7.587	75	28141	4.718	ug/L	96
45) 1,1,2-Trichloroethane	7.770	97	17264	5.476	ug/L	97
47) Tetrachloroethene	7.905	164	94837	19.133	ug/L	98
48) 2-Hexanone	8.079	43	96476	55.979	ug/L	100
49) Dibromochloromethane	8.175	129	20025	5.345	ug/L	99
50) 1,2-Dibromoethane	8.285	107	16238	5.738	ug/L	99
51) Chlorobenzene	8.815	112	75996	5.336	ug/L	98
52) Ethylbenzene	8.947	91	134160	5.174	ug/L	99
53) m,p-Xylene	9.072	106	51213	5.226	ug/L	95
54) o-Xylene	9.477	106	49780	5.268	ug/L	99
55) Styrene	9.497	104	79403	5.248	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	19750	5.935	ug/L	94
59) Bromoform	9.667	173	8697	4.482	ug/L	100
60) Isopropylbenzene	9.866	105	128638	4.936	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	14174	5.853	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	112393	5.101	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	111509	5.209	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	61521	5.414	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	57622	5.121	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	54525	5.587	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.365	75	3244	6.392	ug/L #	89
69) 1,3,5-Trichlorobenzene	12.583	180	44117	5.016	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	35667	5.195	ug/L	98
71) Naphthalene	13.442	128	49163	5.465	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	30455	5.536	ug/L	98

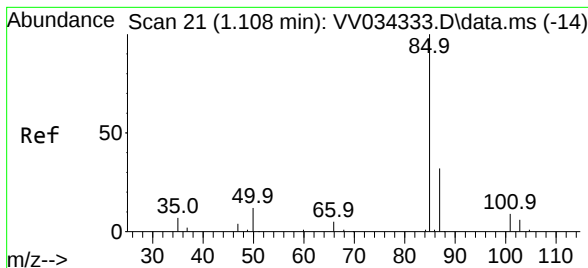
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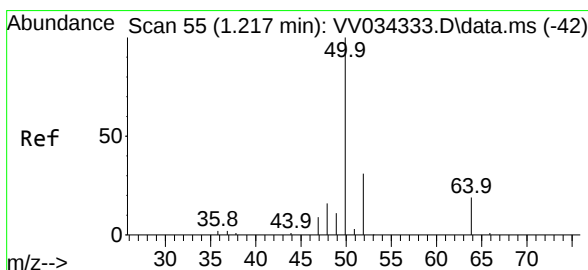
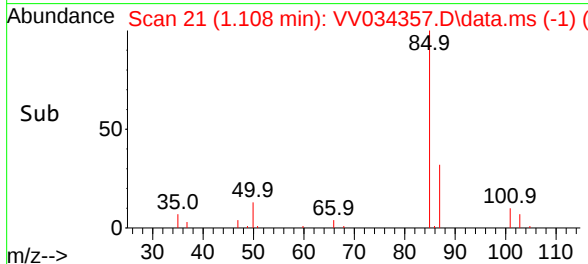
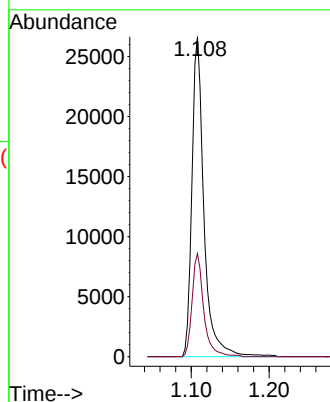
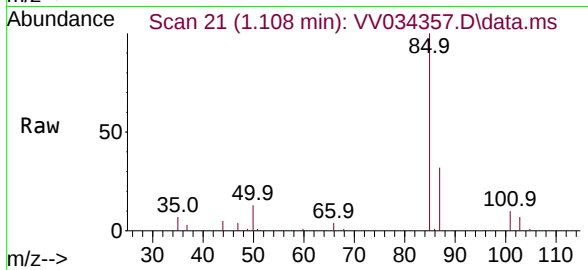




#2
 Dichlorodifluoromethane
 Concen: 4.019 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV034357.D
 Acq: 22 Feb 2024 19:20

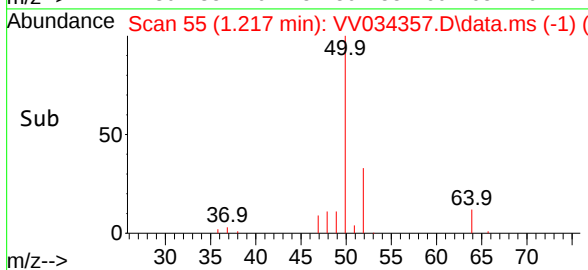
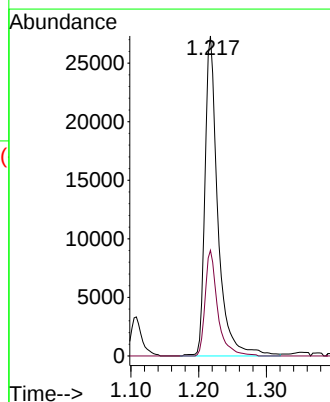
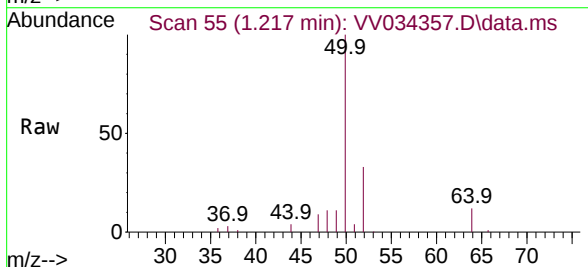
Instrument :
 MSVOA_V
 ClientSampleId :

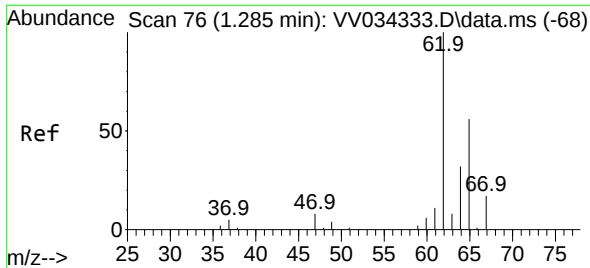
Tgt Ion: 85 Resp: 28570
 Ion Ratio Lower Upper
 85 100
 87 31.3 26.2 39.4



#3
 Chloromethane
 Concen: 4.666 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV034357.D
 Acq: 22 Feb 2024 19:20

Tgt Ion: 50 Resp: 36180
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.4 43.4

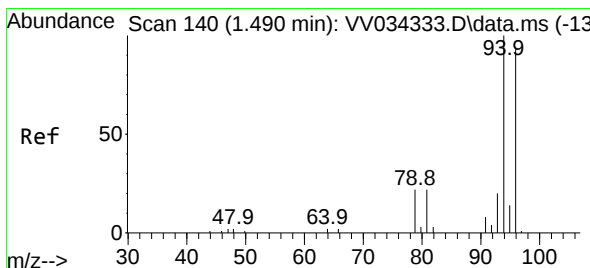
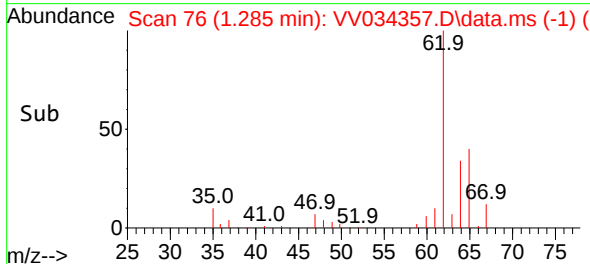
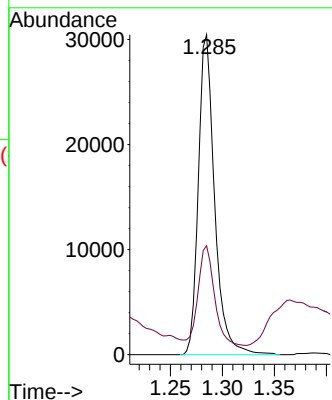
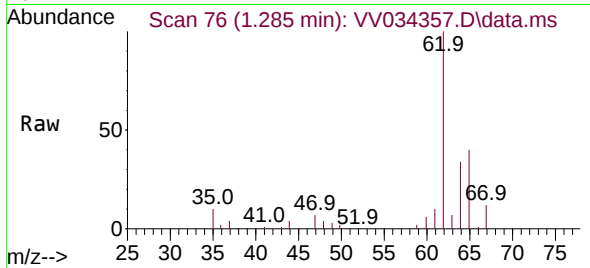




#5
 Vinyl chloride
 Concen: 4.478 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV034357.D
 Acq: 22 Feb 2024 19:20

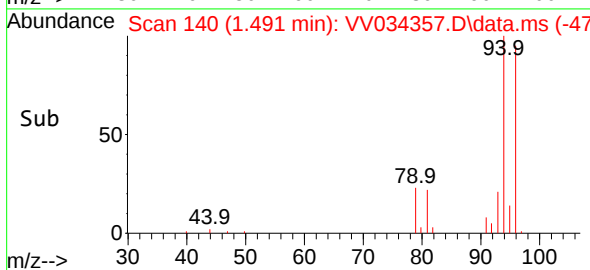
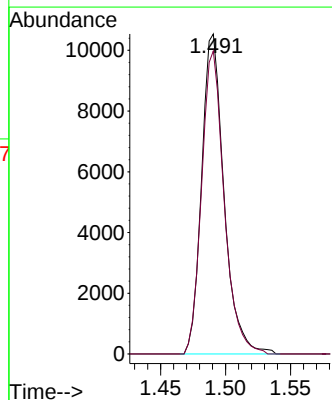
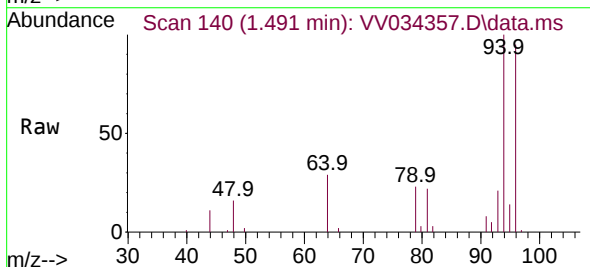
Instrument :
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 ClientSampleId :

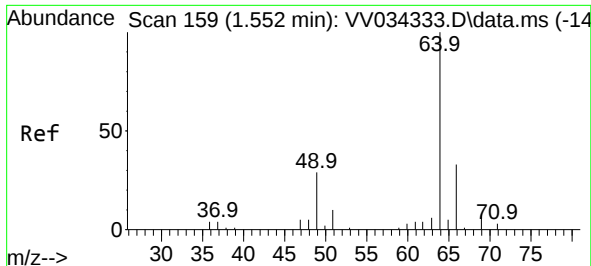
Tgt Ion: 62 Resp: 33179
 Ion Ratio Lower Upper
 62 100
 64 34.1 27.2 50.4



#6
 Bromomethane
 Concen: 3.238 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV034357.D
 Acq: 22 Feb 2024 19:20

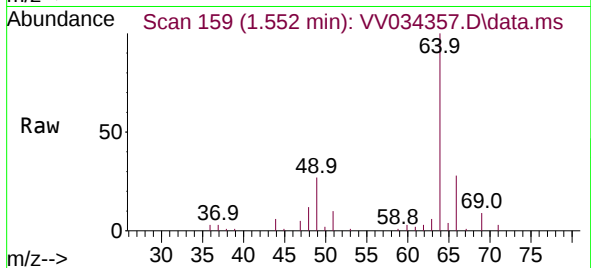
Tgt Ion: 94 Resp: 12636
 Ion Ratio Lower Upper
 94 100
 96 94.7 66.6 123.8



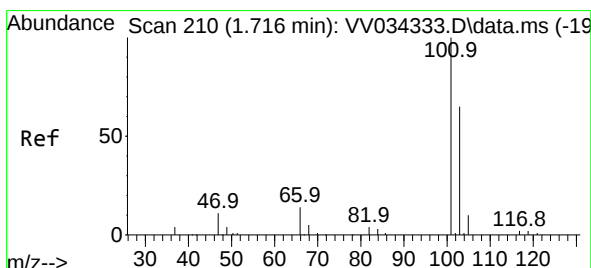
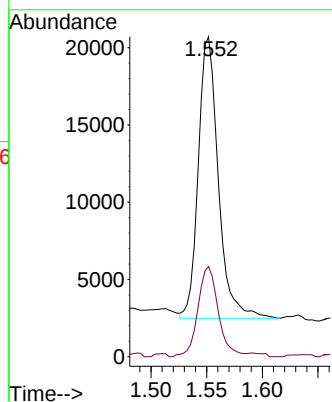
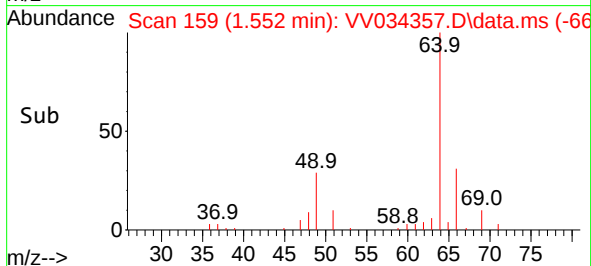


#8
Chloroethane
Concen: 4.503 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV034357.D
Acq: 22 Feb 2024 19:20

Instrument :
MSVOA_V
ClientSampleId :

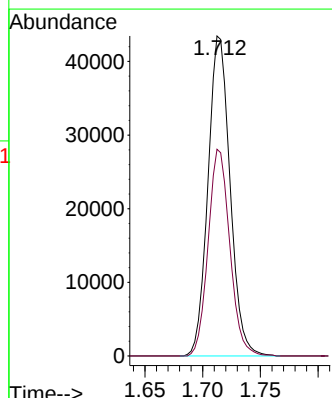
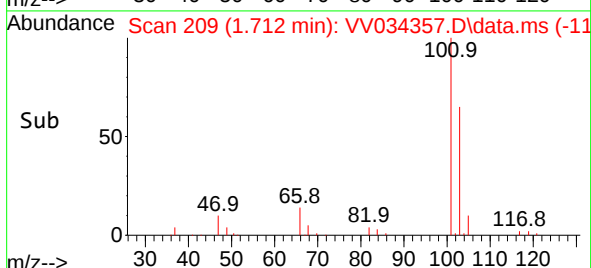
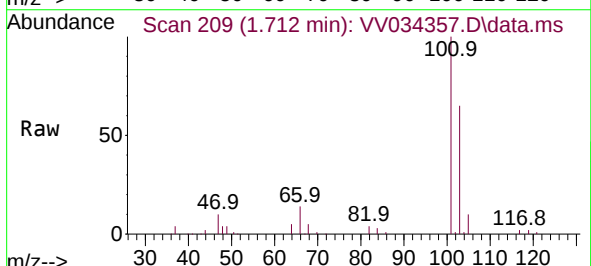


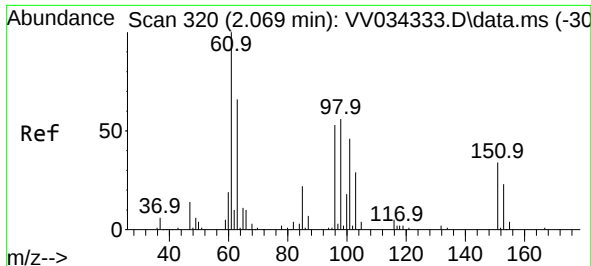
Tgt Ion: 64 Resp: 22762
Ion Ratio Lower Upper
64 100
66 28.2 22.0 41.0



#9
Trichlorofluoromethane
Concen: 5.410 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV034357.D
Acq: 22 Feb 2024 19:20

Tgt Ion:101 Resp: 57772
Ion Ratio Lower Upper
101 100
103 63.4 51.0 76.4





#10

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

Concen: 5.125 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034357.D

Acq: 22 Feb 2024 19:20

Instrument :

MSVOA_V

ClientSampleId :

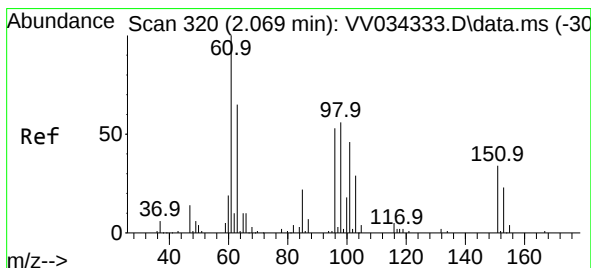
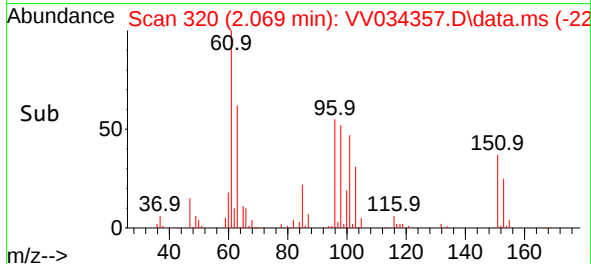
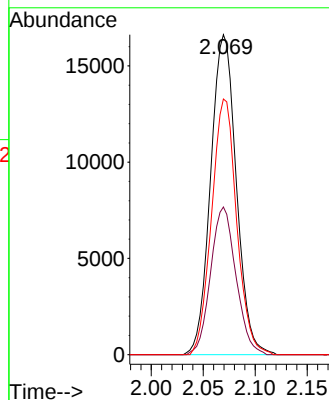
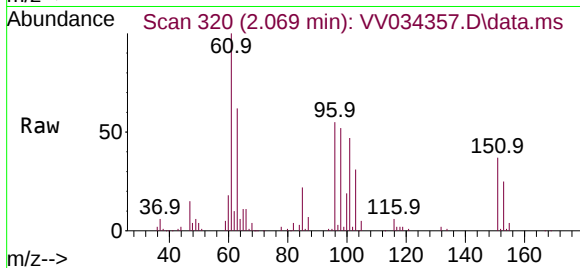
Tgt Ion:101 Resp: 28606

Ion Ratio Lower Upper

101 100

85 45.4 37.1 55.7

151 78.0 61.7 92.5



#12

1,1-Dichloroethene

Concen: 5.211 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV034357.D

Acq: 22 Feb 2024 19:20

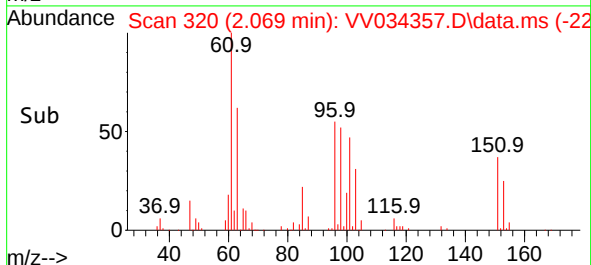
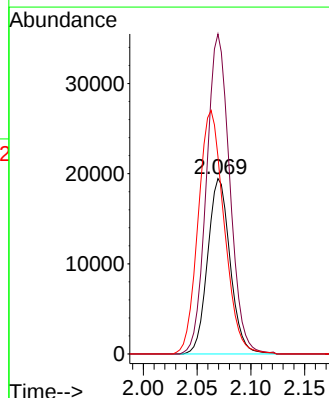
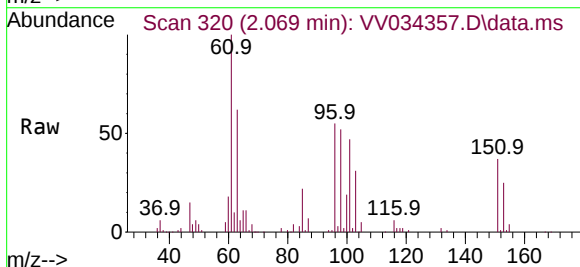
Tgt Ion: 96 Resp: 28238

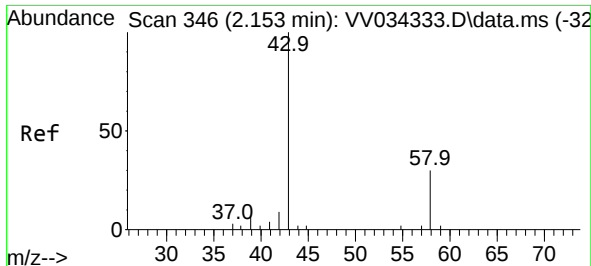
Ion Ratio Lower Upper

96 100

61 182.4 128.8 239.2

63 112.5 97.9 181.9





#13

Acetone

Concen: 56.390 ug/L

RT: 2.137 min Scan# 34

Delta R.T. -0.016 min

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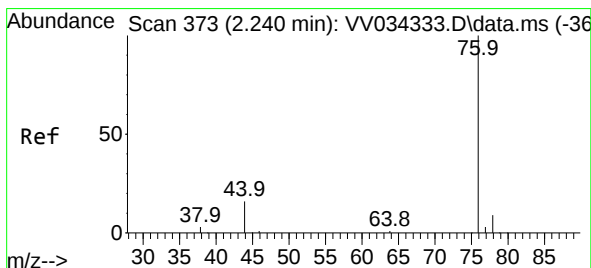
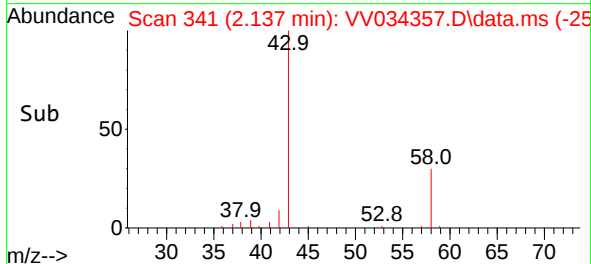
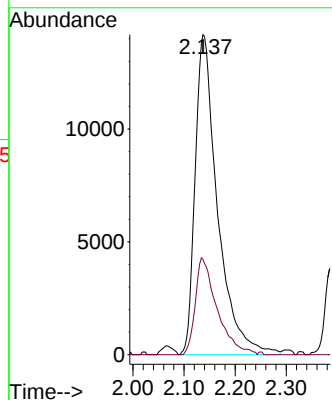
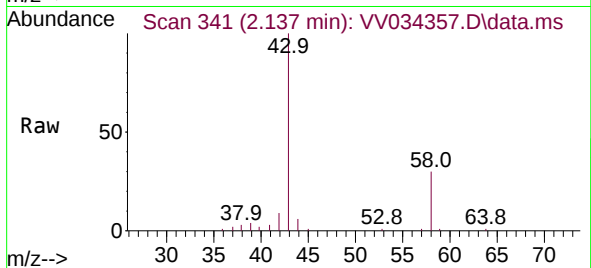
ClientSampleId :

Tgt Ion: 43 Resp: 43165

Ion Ratio Lower Upper

43 100

58 29.4 0.0 13.8#



#14

Carbon disulfide

Concen: 4.539 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV034357.D

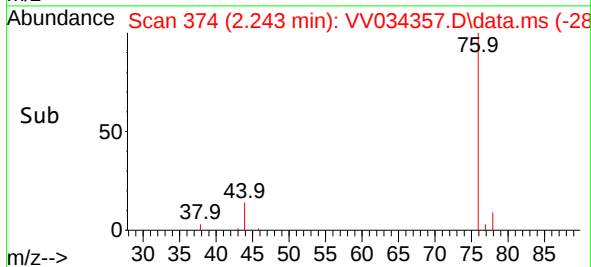
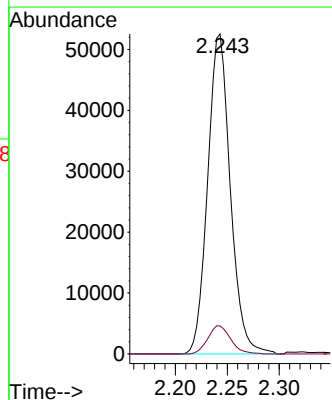
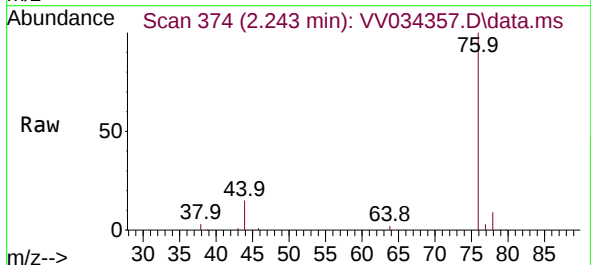
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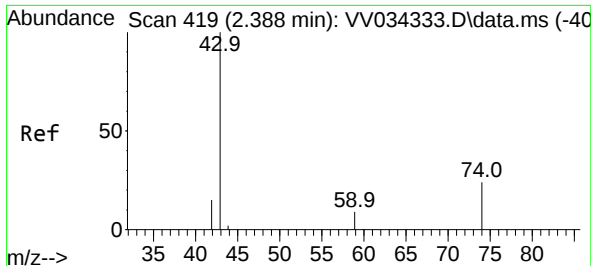
Tgt Ion: 76 Resp: 79591

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3

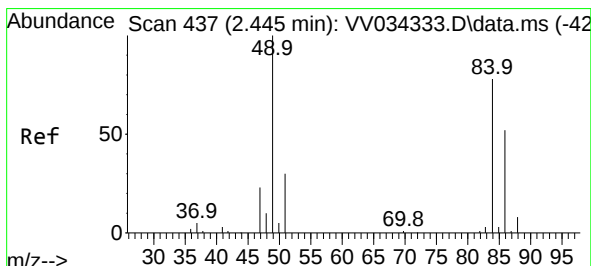
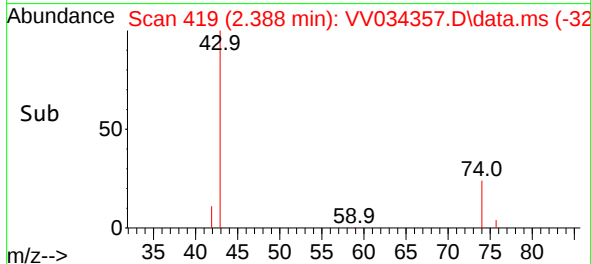
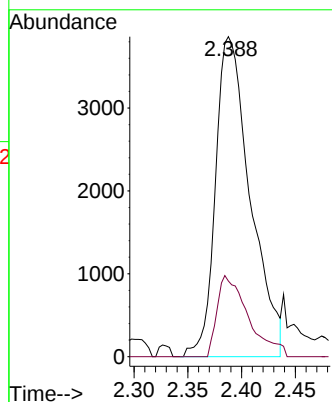
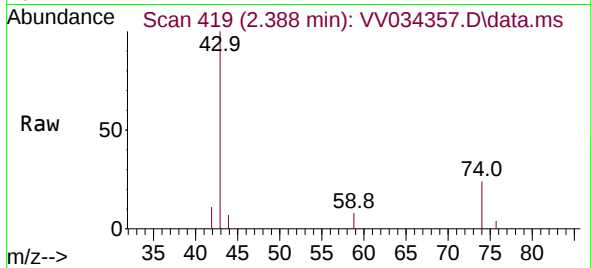




#15
Methyl Acetate
Concen: 4.808 ug/L
RT: 2.388 min Scan# 419
Delta R.T. 0.000 min
Lab File: VV034357.D
Acq: 22 Feb 2024 19:20

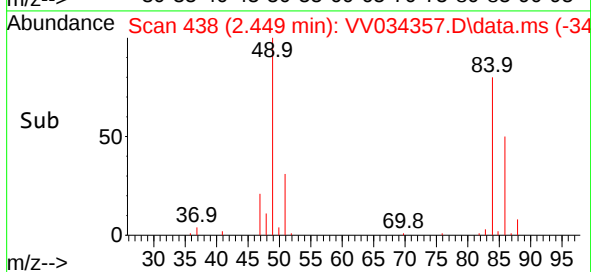
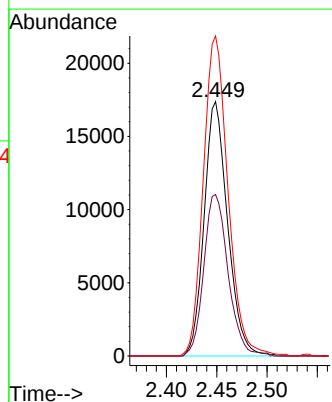
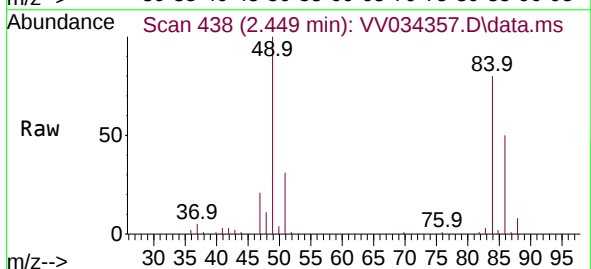
Instrument :
MSVOA_V
ClientSampleId :

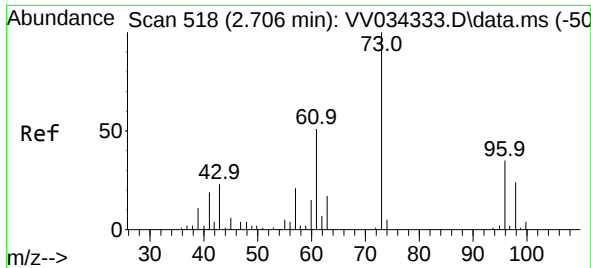
Tgt Ion: 43 Resp: 8710
Ion Ratio Lower Upper
43 100
74 22.7 18.2 27.4



#16
Methylene chloride
Concen: 5.434 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.003 min
Lab File: VV034357.D
Acq: 22 Feb 2024 19:20

Tgt Ion: 84 Resp: 28256
Ion Ratio Lower Upper
84 100
86 63.4 44.7 83.1
49 125.8 93.7 173.9

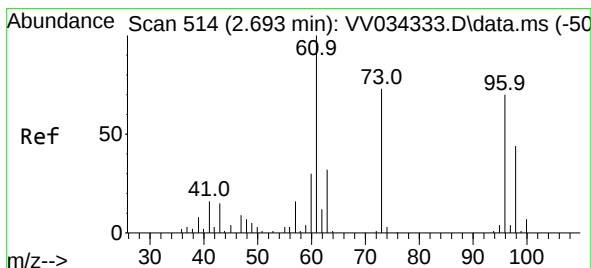
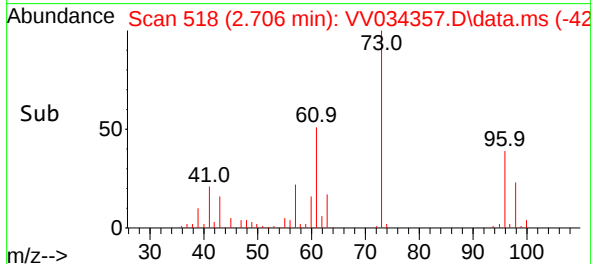
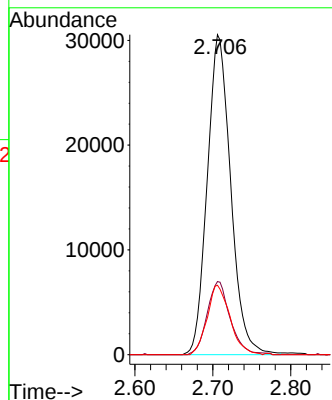
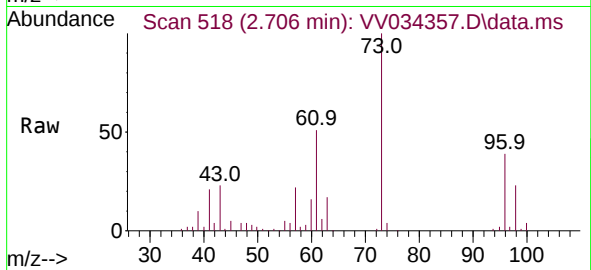




#17
Methyl tert-butyl Ether
Concen: 5.733 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV034357.D
Acq: 22 Feb 2024 19:20

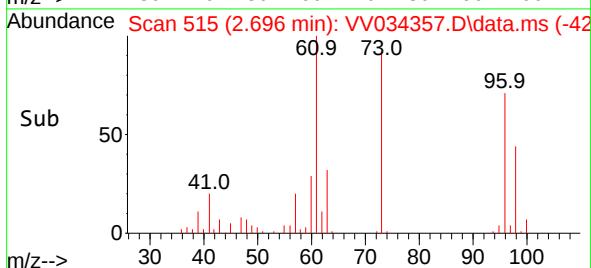
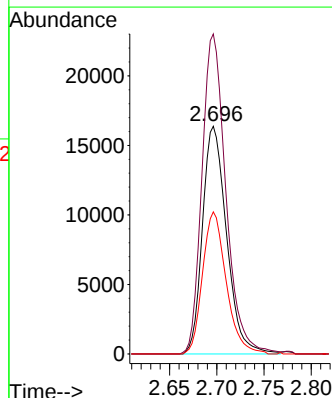
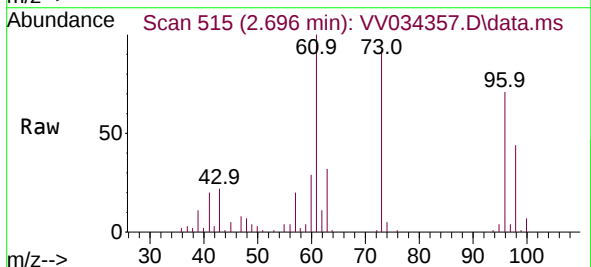
Instrument :
MSVOA_V
ClientSampleId :

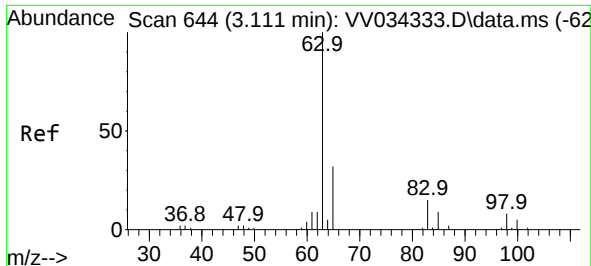
Tgt Ion: 73	Resp: 63837
Ion Ratio	Lower Upper
73 100	
43 22.5	17.7 26.5
57 21.2	17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 5.265 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV034357.D
Acq: 22 Feb 2024 19:20

Tgt Ion: 96	Resp: 29060
Ion Ratio	Lower Upper
96 100	
61 140.5	97.6 181.4
98 62.4	44.4 82.5





#19

1,1-Dichloroethane

Concen: 5.413 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV034357.D

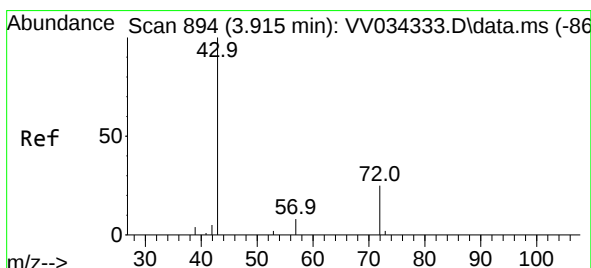
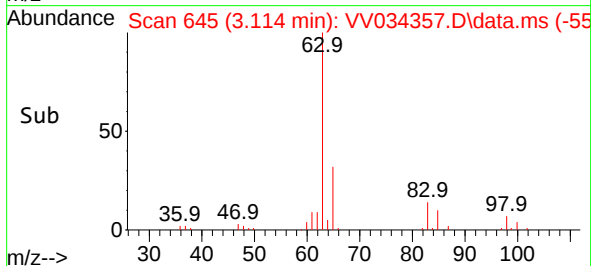
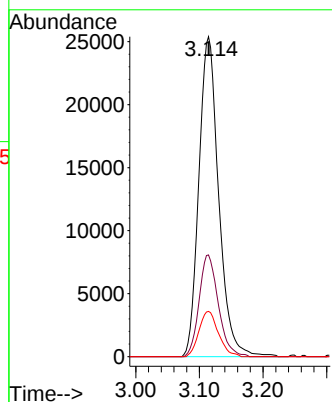
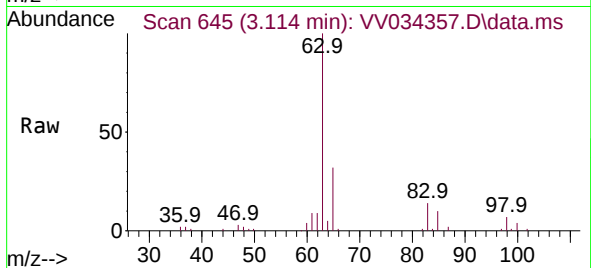
Acq: 22 Feb 2024 19:20

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	54904
Ion	Ratio	Lower	Upper
63	100		
65	31.8	20.8	38.6
83	14.2	9.4	17.4



#21

2-Butanone

Concen: 54.000 ug/L

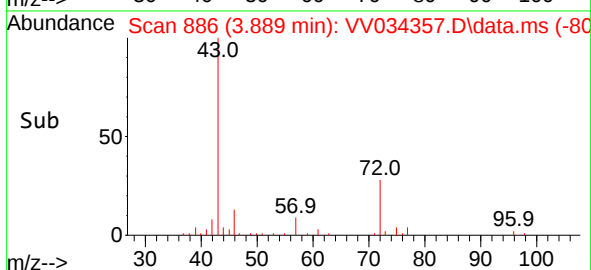
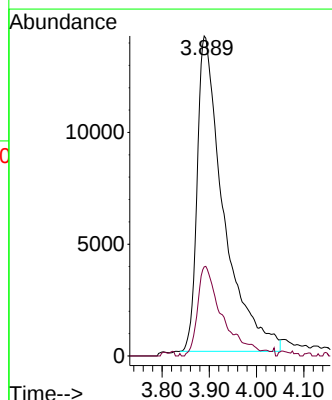
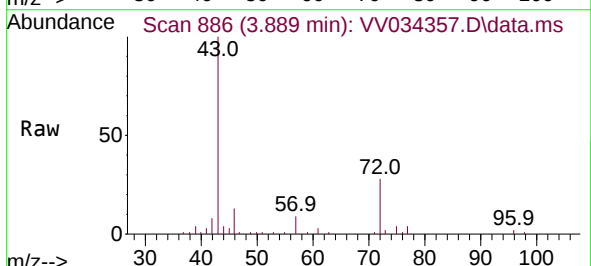
RT: 3.889 min Scan# 886

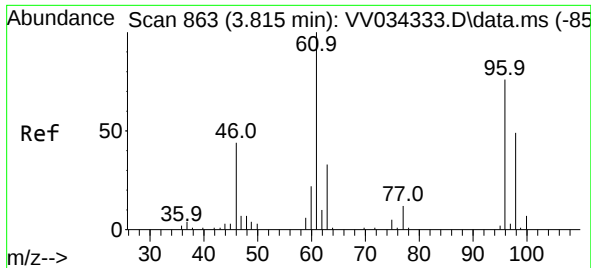
Delta R.T. -0.026 min

Lab File: VV034357.D

Acq: 22 Feb 2024 19:20

Tgt Ion:	43	Resp:	54625
Ion	Ratio	Lower	Upper
43	100		
72	26.6	4.0	11.9

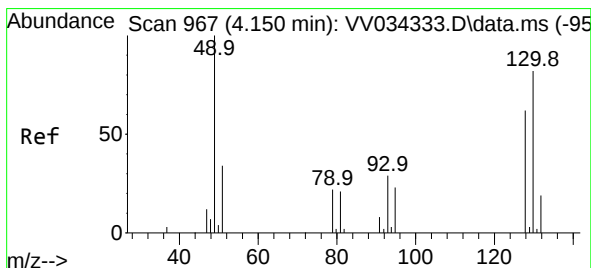
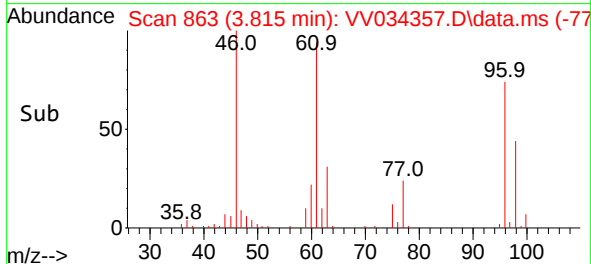
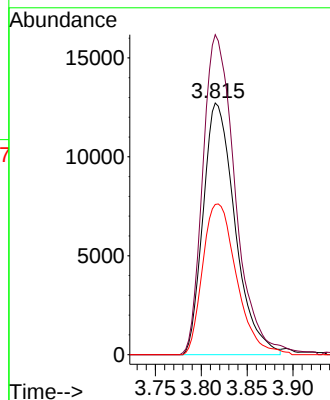
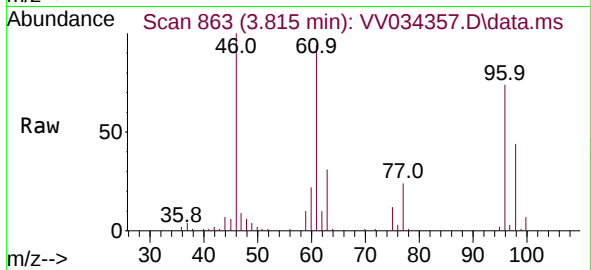




#22
 cis-1,2-Dichloroethene
 Concen: 4.915 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VV034357.D
 Acq: 22 Feb 2024 19:20

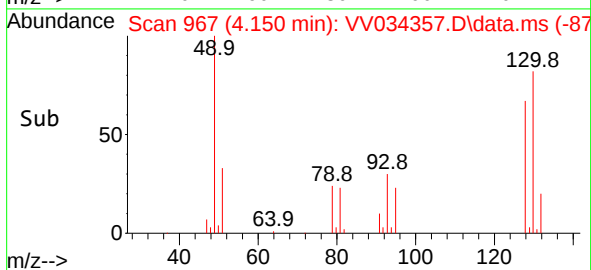
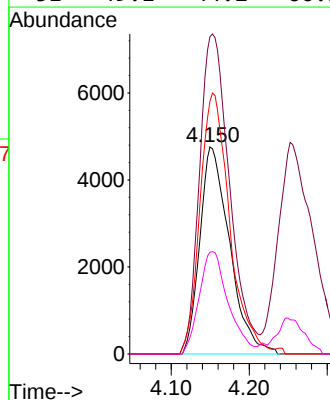
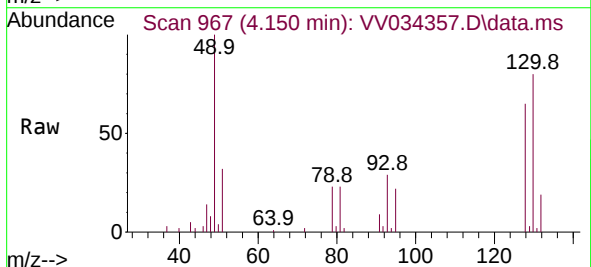
Instrument :
 MSVOA_V
 ClientSampleId :

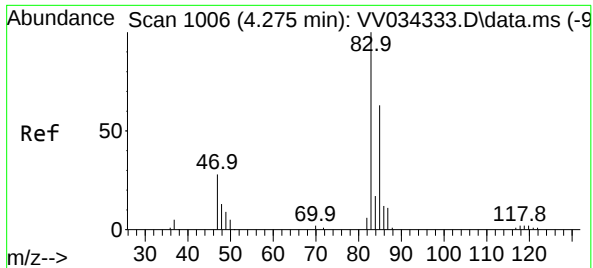
Tgt Ion: 96 Resp: 30782
 Ion Ratio Lower Upper
 96 100
 61 127.1 90.3 167.7
 98 59.7 43.2 80.2



#23
 Bromochloromethane
 Concen: 5.790 ug/L
 RT: 4.150 min Scan# 967
 Delta R.T. 0.000 min
 Lab File: VV034357.D
 Acq: 22 Feb 2024 19:20

Tgt Ion: 128 Resp: 12606
 Ion Ratio Lower Upper
 128 100
 49 153.2 120.5 223.7
 130 122.1 93.4 173.4
 51 49.1 44.2 66.2

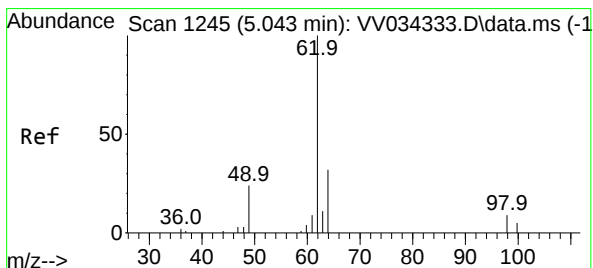
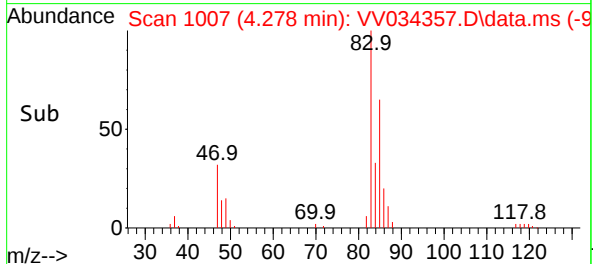
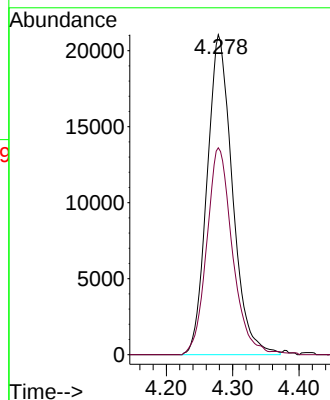
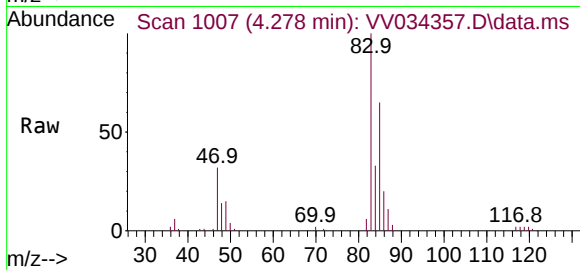




#25
Chloroform
Concen: 5.449 ug/L
RT: 4.278 min Scan# 1006
Delta R.T. 0.003 min
Lab File: VV034357.D
Acq: 22 Feb 2024 19:20

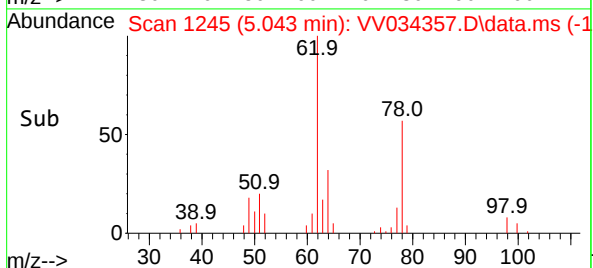
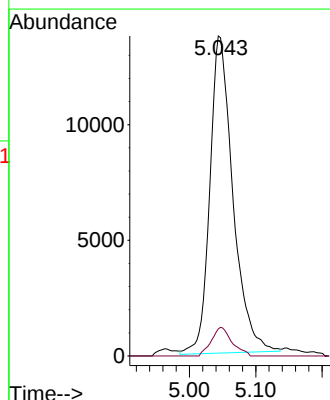
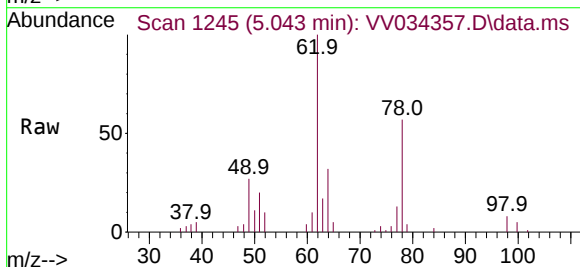
Instrument :
MSVOA_V
ClientSampleId :

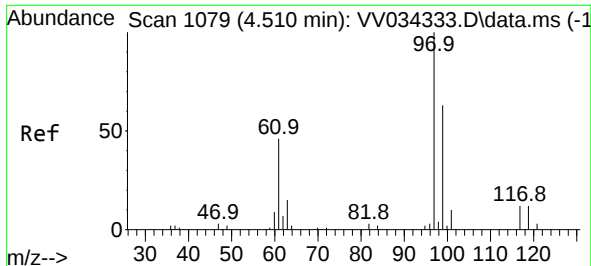
Tgt Ion: 83 Resp: 55863
Ion Ratio Lower Upper
83 100
85 64.6 47.5 88.1



#27
1,2-Dichloroethane
Concen: 5.664 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. 0.000 min
Lab File: VV034357.D
Acq: 22 Feb 2024 19:20

Tgt Ion: 62 Resp: 33251
Ion Ratio Lower Upper
62 100
98 8.5 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 5.529 ug/L

RT: 4.513 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV034357.D

Acq: 22 Feb 2024 19:20

Instrument :

MSVOA_V

ClientSampleId :

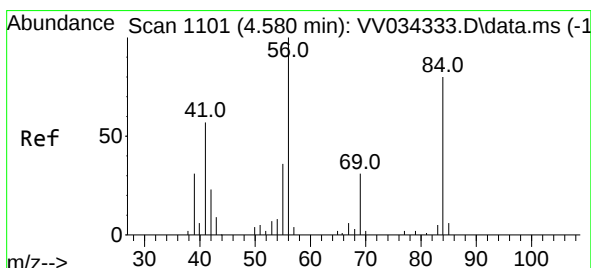
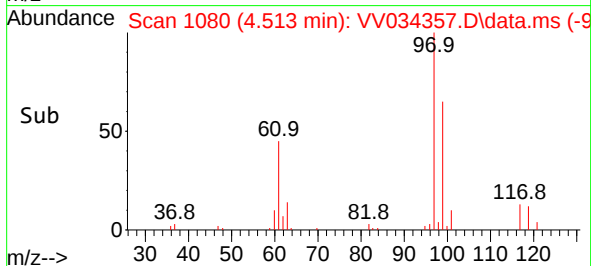
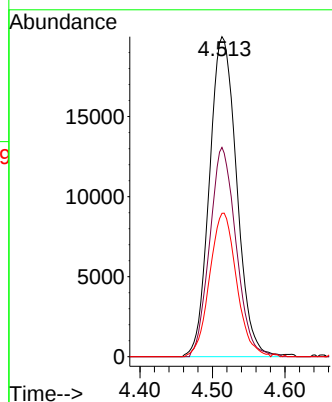
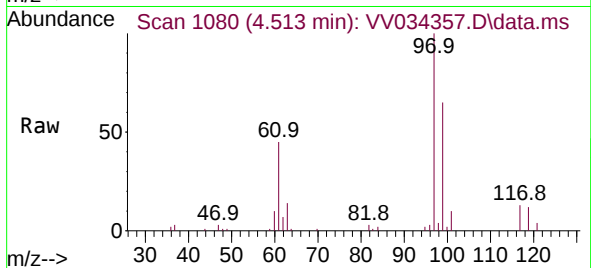
Tgt Ion: 97 Resp: 52164

Ion Ratio Lower Upper

97 100

99 63.5 50.6 75.8

61 44.3 36.8 55.2



#30

Cyclohexane

Concen: 4.750 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VV034357.D

Acq: 22 Feb 2024 19:20

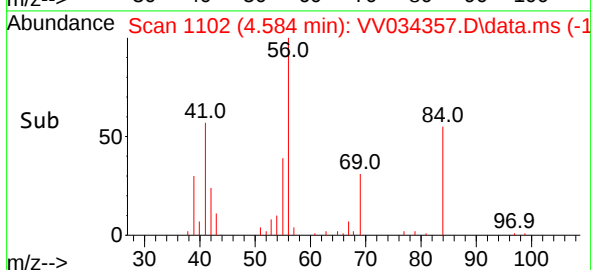
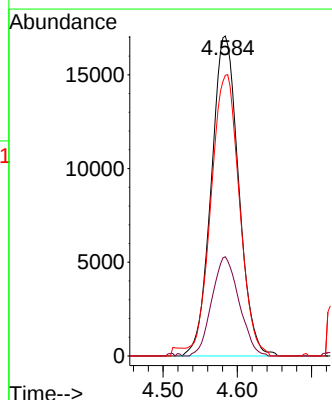
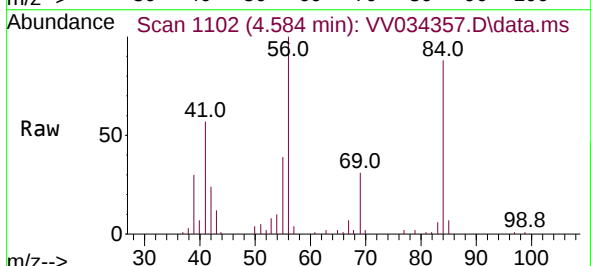
Tgt Ion: 56 Resp: 43590

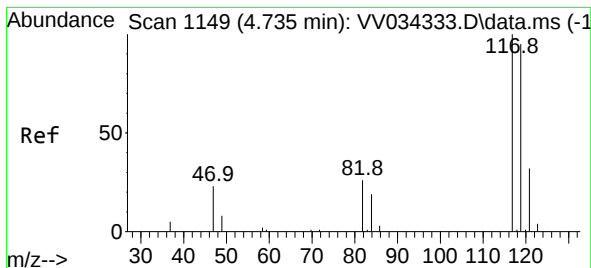
Ion Ratio Lower Upper

56 100

69 30.9 24.2 36.2

84 91.5 70.0 105.0





#31

Carbon tetrachloride

Concen: 5.457 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VV034357.D

Acq: 22 Feb 2024 19:20

Instrument :

MSVOA_V

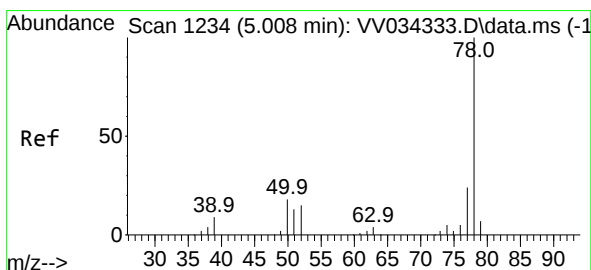
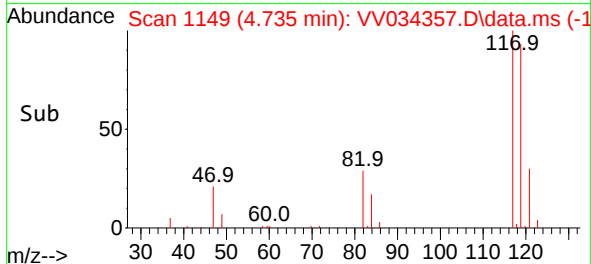
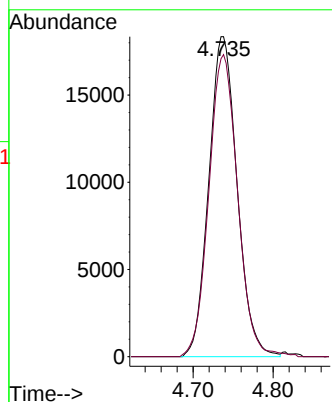
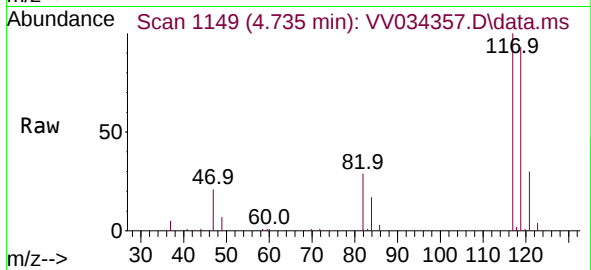
ClientSampleId :

Tgt Ion:117 Resp: 45049

Ion Ratio Lower Upper

117 100

119 96.2 76.1 114.1



#33

Benzene

Concen: 5.376 ug/L

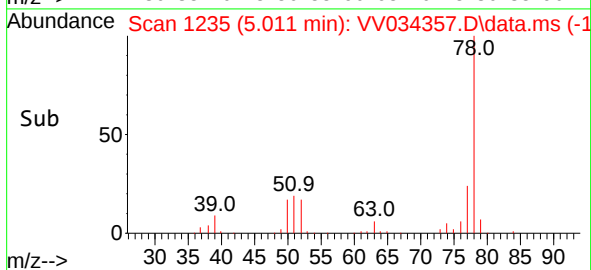
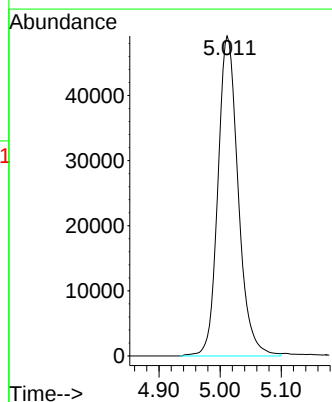
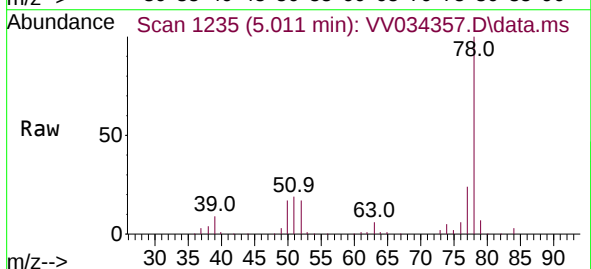
RT: 5.011 min Scan# 1235

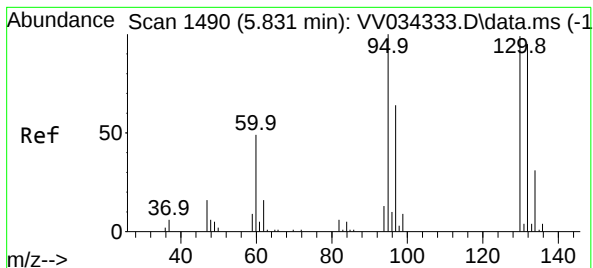
Delta R.T. 0.003 min

Lab File: VV034357.D

Acq: 22 Feb 2024 19:20

Tgt Ion: 78 Resp: 113305





#34

Trichloroethene

Concen: 4.982 ug/L

RT: 5.834 min Scan# 1490

Delta R.T. 0.003 min

Lab File: VV034357.D

Acq: 22 Feb 2024 19:20

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 30390

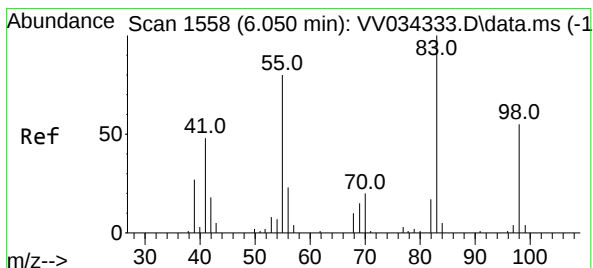
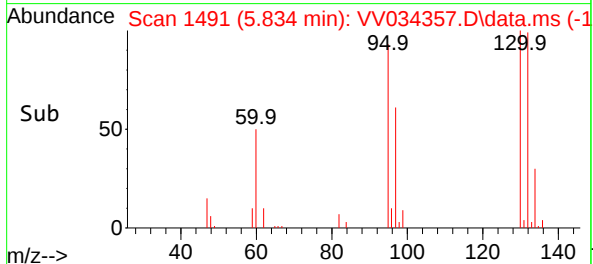
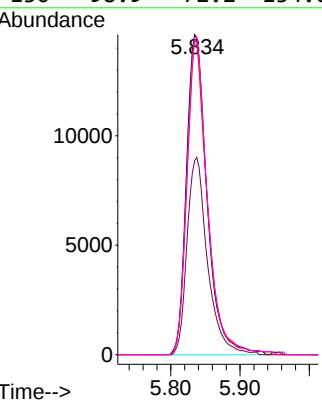
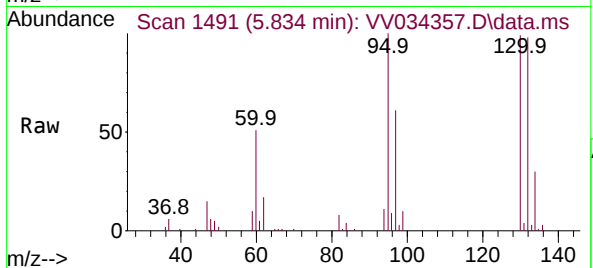
Ion Ratio Lower Upper

95 100

97 60.7 45.1 83.7

132 98.1 66.0 122.6

130 98.9 72.2 134.0



#35

Methylcyclohexane

Concen: 4.710 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.000 min

Lab File: VV034357.D

Acq: 22 Feb 2024 19:20

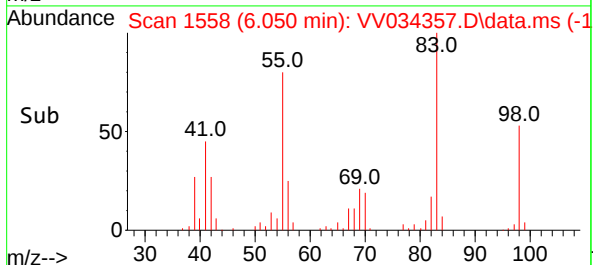
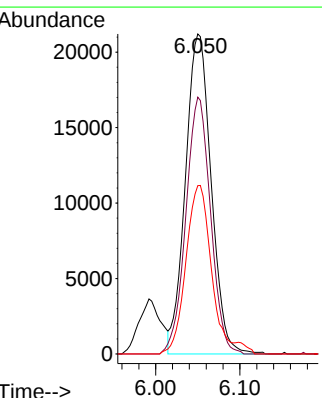
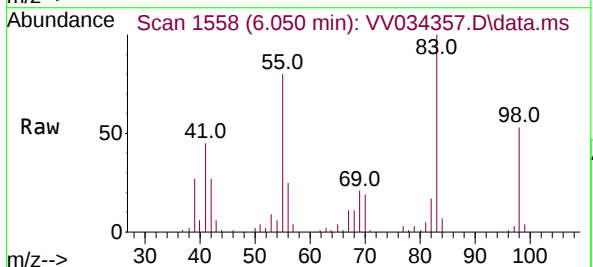
Tgt Ion: 83 Resp: 45103

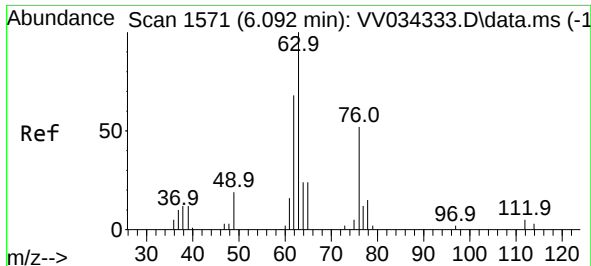
Ion Ratio Lower Upper

83 100

55 77.0 63.5 95.3

98 51.4 39.0 58.4





#37

1,2-Dichloropropane

Concen: 5.098 ug/L

RT: 6.095 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV034357.D

Acq: 22 Feb 2024 19:20

Instrument :

MSVOA_V

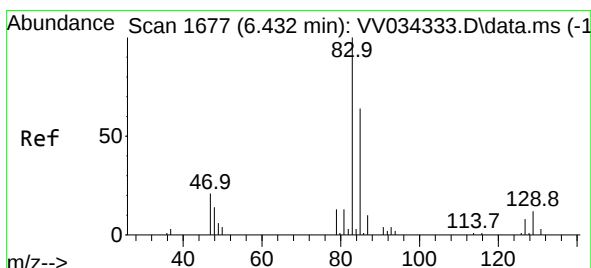
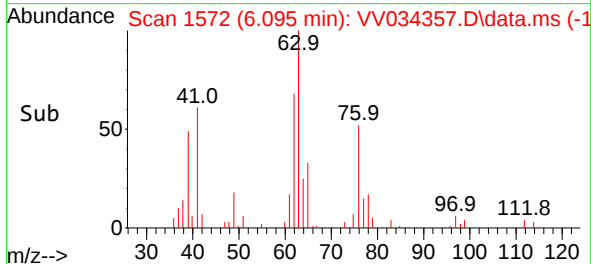
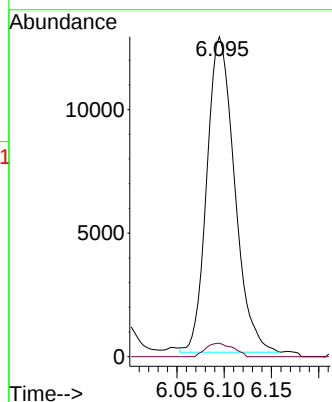
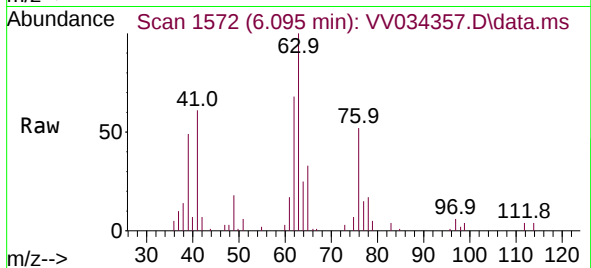
ClientSampleId :

Tgt Ion: 63 Resp: 26028

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.0



#38

Bromodichloromethane

Concen: 5.367 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.003 min

Lab File: VV034357.D

Acq: 22 Feb 2024 19:20

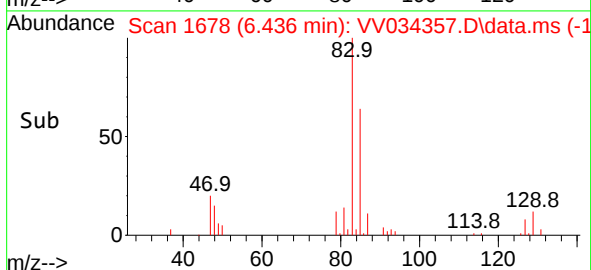
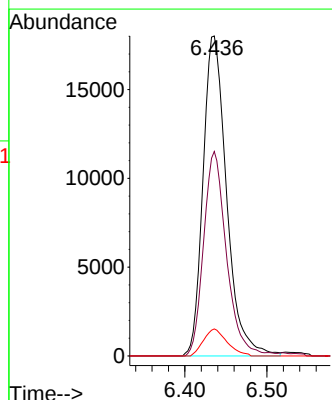
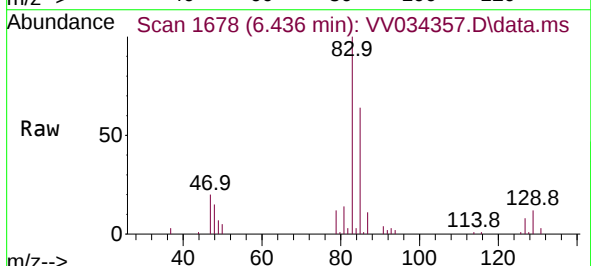
Tgt Ion: 83 Resp: 35970

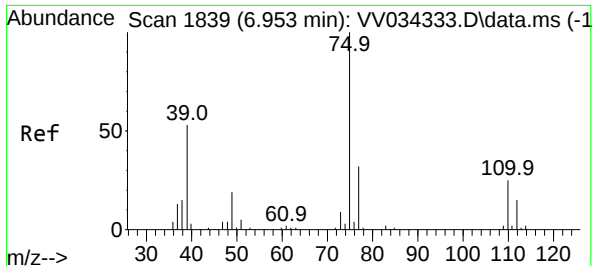
Ion Ratio Lower Upper

83 100

85 63.9 45.4 84.2

127 8.4 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.653 ug/L

RT: 6.957 min Scan# 1840

Delta R.T. 0.003 min

Lab File: VV034357.D

Acq: 22 Feb 2024 19:20

Instrument :

MSVOA_V

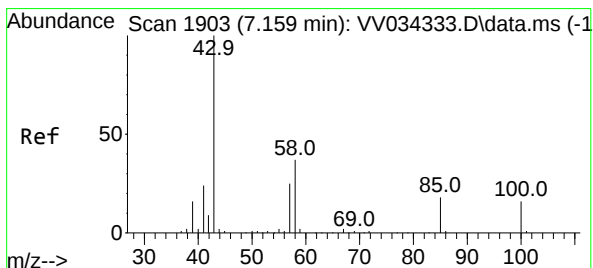
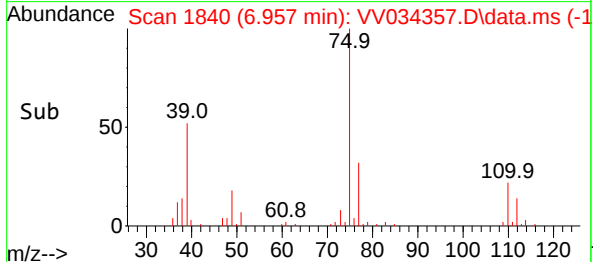
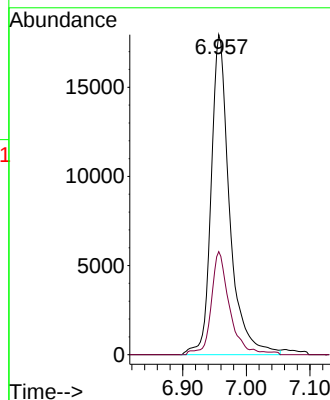
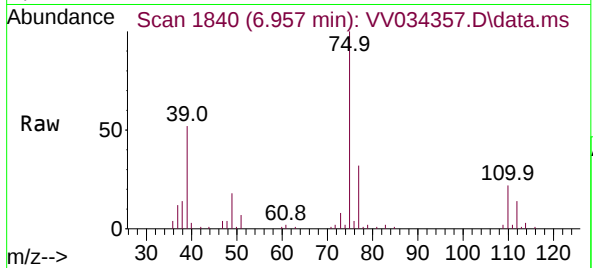
ClientSampleId :

Tgt Ion: 75 Resp: 36148

Ion Ratio Lower Upper

75 100

77 32.2 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 58.785 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV034357.D

Acq: 22 Feb 2024 19:20

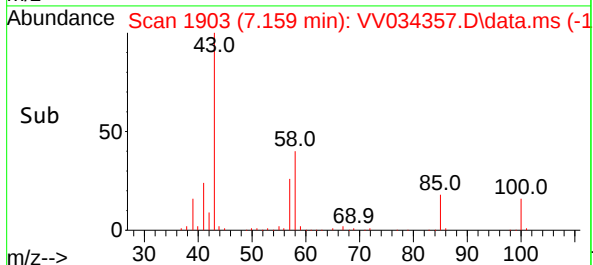
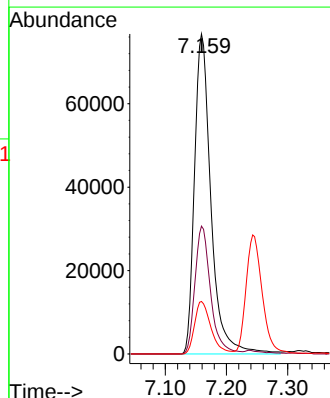
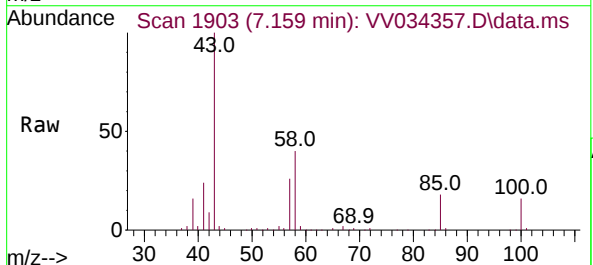
Tgt Ion: 43 Resp: 143728

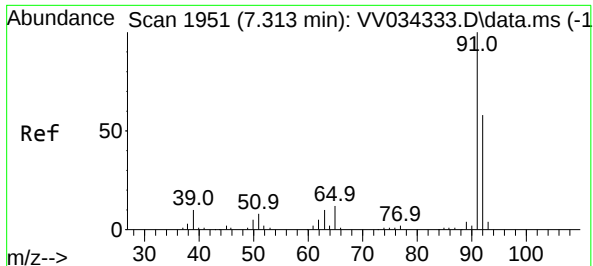
Ion Ratio Lower Upper

43 100

58 37.9 30.2 45.2

100 16.4 12.1 18.1





#42

Toluene

Concen: 5.434 ug/L

RT: 7.317 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV034357.D

Acq: 22 Feb 2024 19:20

Instrument :

MSVOA_V

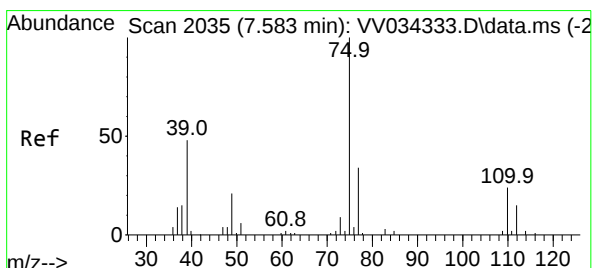
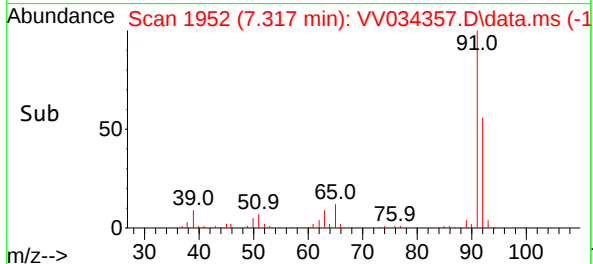
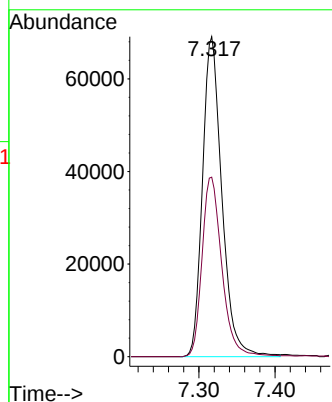
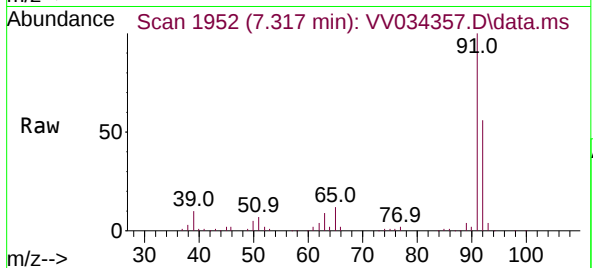
ClientSampleId :

Tgt Ion: 91 Resp: 122422

Ion Ratio Lower Upper

91 100

92 56.1 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 4.718 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.003 min

Lab File: VV034357.D

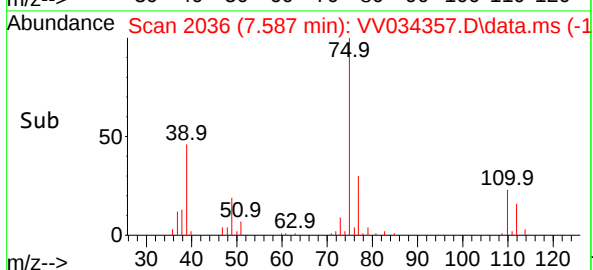
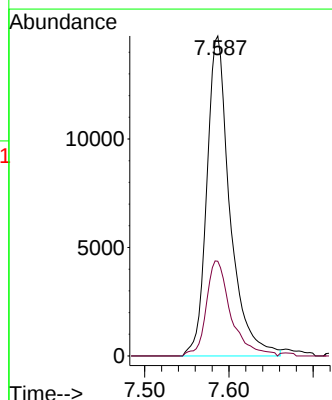
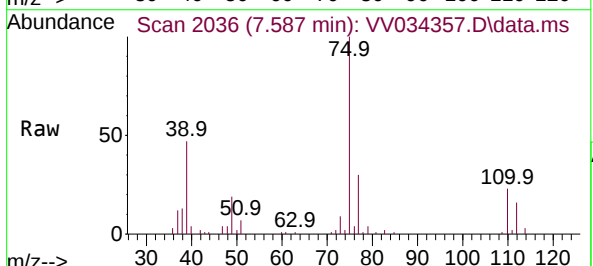
Acq: 22 Feb 2024 19:20

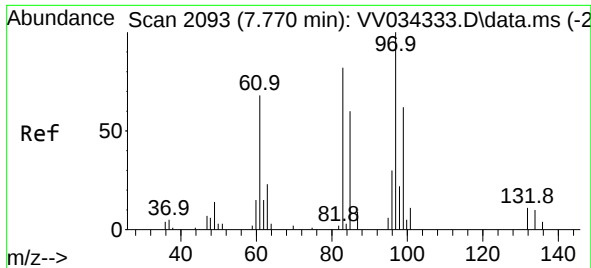
Tgt Ion: 75 Resp: 28141

Ion Ratio Lower Upper

75 100

77 29.6 22.2 41.2

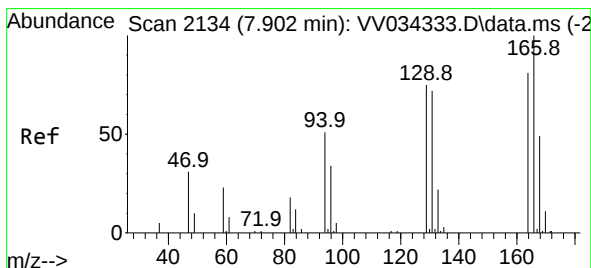
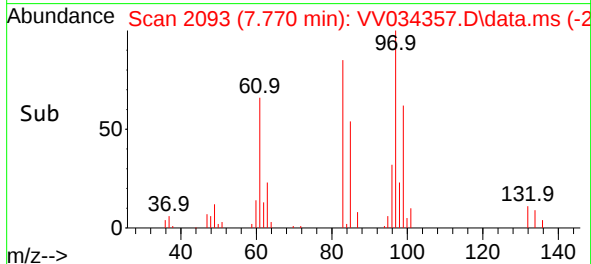
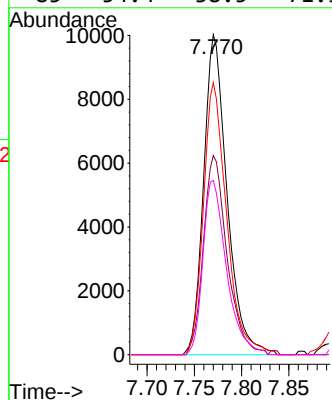
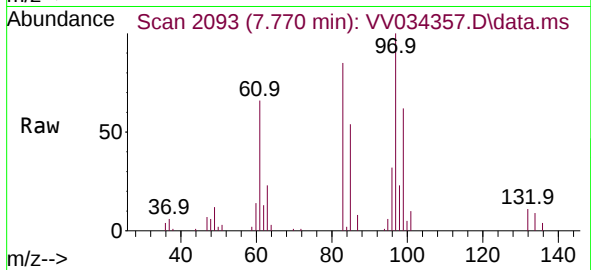




#45
1,1,2-Trichloroethane
Concen: 5.476 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.000 min
Lab File: VV034357.D
Acq: 22 Feb 2024 19:20

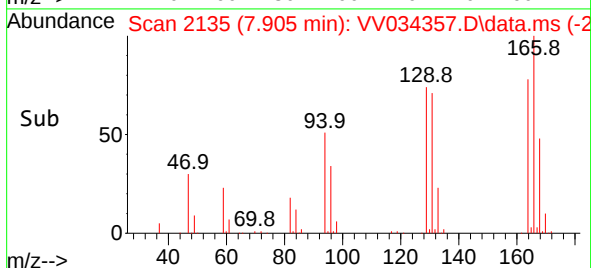
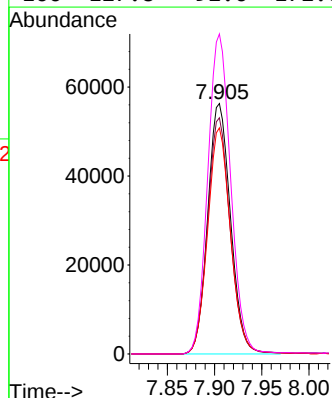
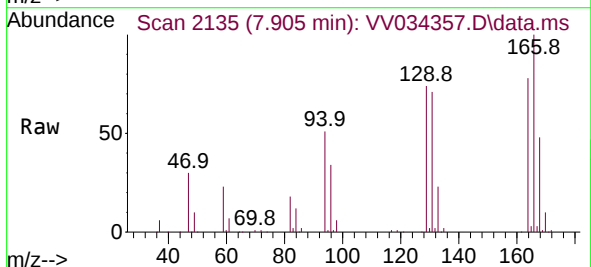
Instrument :
MSVOA_V
ClientSampleId :

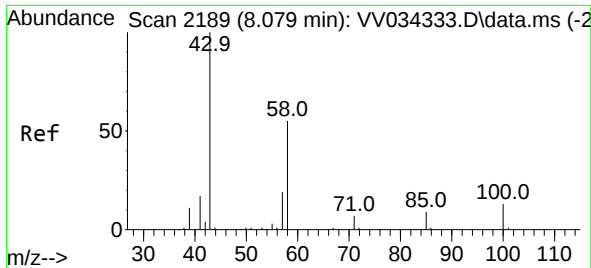
Tgt Ion:	97	Resp:	17264
Ion	Ratio	Lower	Upper
97	100		
99	62.2	45.6	84.6
83	85.0	62.3	115.7
85	54.4	38.5	71.5



#47
Tetrachloroethene
Concen: 19.133 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV034357.D
Acq: 22 Feb 2024 19:20

Tgt Ion:	164	Resp:	94837
Ion	Ratio	Lower	Upper
164	100		
129	94.3	67.8	125.8
131	90.3	63.0	117.0
166	127.8	92.6	172.0

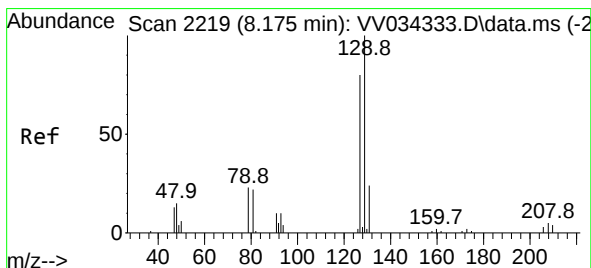
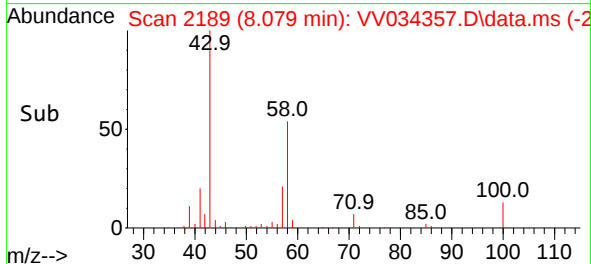
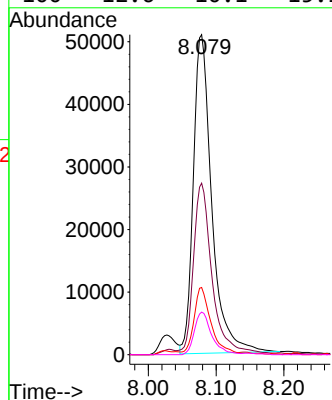
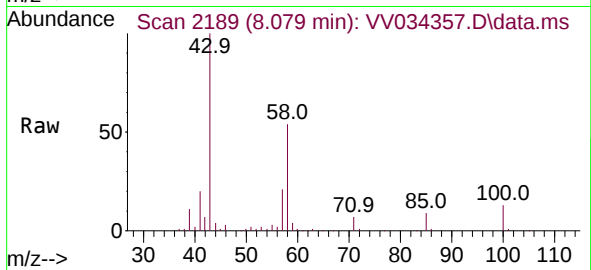




#48
2-Hexanone
Concen: 55.979 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV034357.D
Acq: 22 Feb 2024 19:20

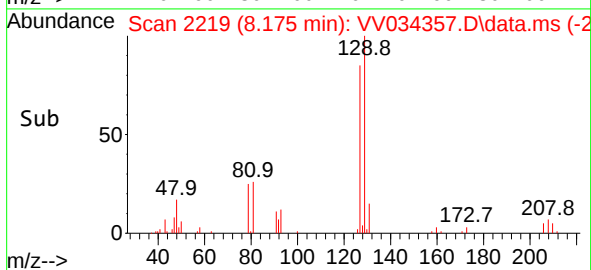
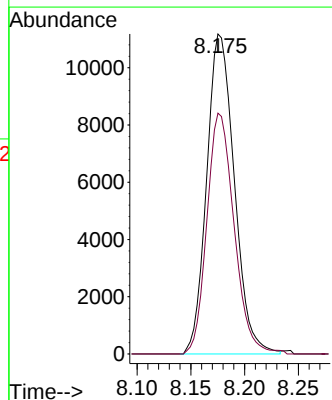
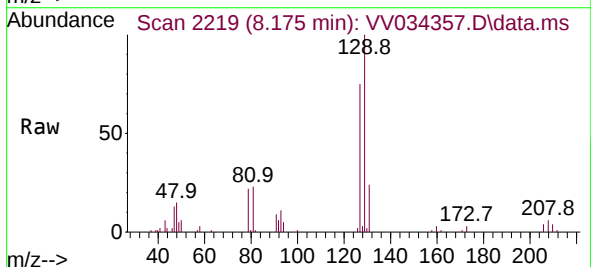
Instrument :
MSVOA_V
ClientSampleId :

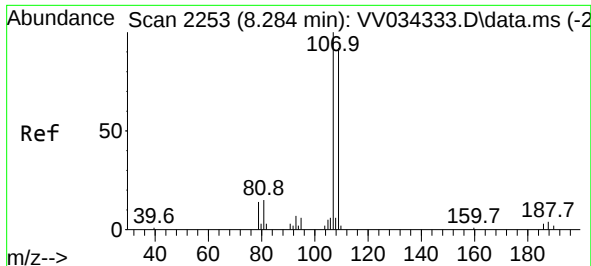
Tgt Ion:	43	Resp:	96476
Ion	Ratio	Lower	Upper
43	100		
58	53.5	42.6	64.0
57	19.3	15.5	23.3
100	12.6	10.1	15.1



#49
Dibromochloromethane
Concen: 5.345 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV034357.D
Acq: 22 Feb 2024 19:20

Tgt Ion:	129	Resp:	20025
Ion	Ratio	Lower	Upper
129	100		
127	75.3	53.5	99.5





#50

1,2-Dibromoethane

Concen: 5.738 ug/L

RT: 8.285 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV034357.D

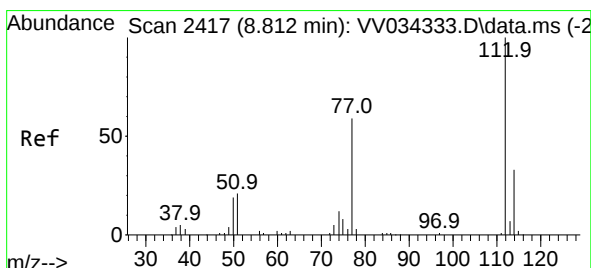
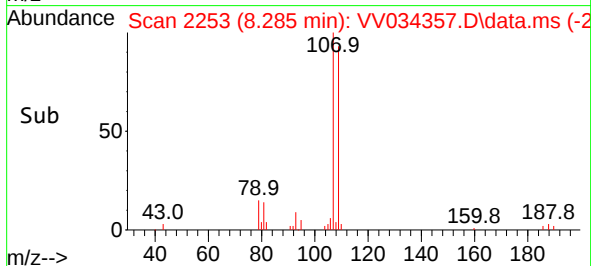
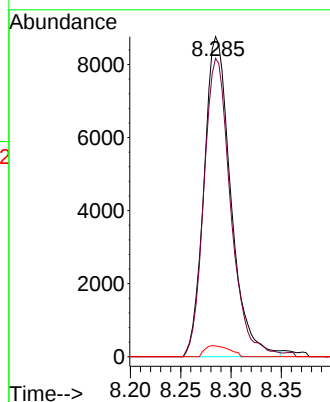
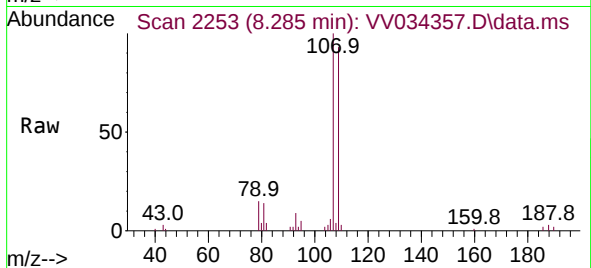
Acq: 22 Feb 2024 19:20

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	16238
Ion	Ratio	Lower	Upper
107	100		
109	93.2	64.5	119.9
188	3.3	2.6	4.0



#51

Chlorobenzene

Concen: 5.336 ug/L

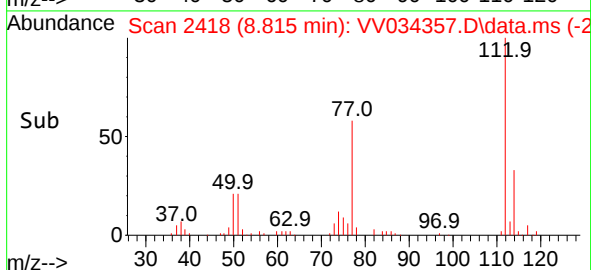
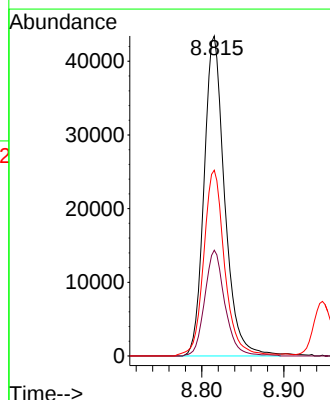
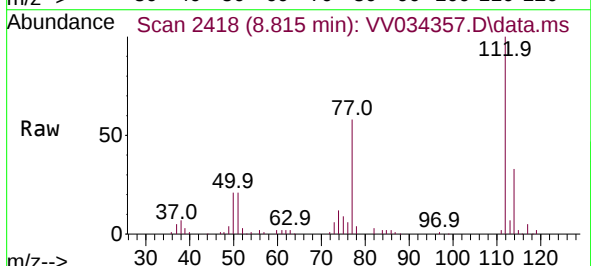
RT: 8.815 min Scan# 2418

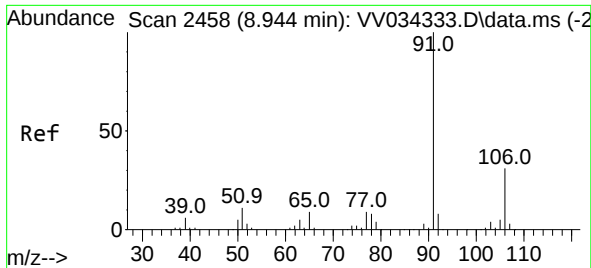
Delta R.T. 0.003 min

Lab File: VV034357.D

Acq: 22 Feb 2024 19:20

Tgt Ion:	112	Resp:	75996
Ion	Ratio	Lower	Upper
112	100		
114	33.0	22.5	41.7
77	58.0	48.1	72.1

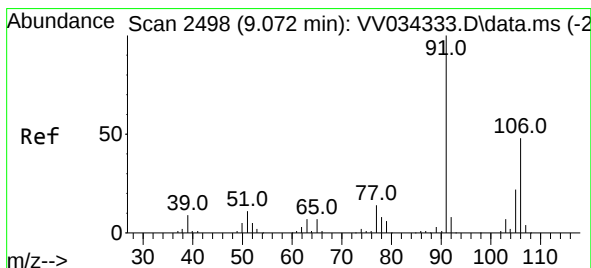
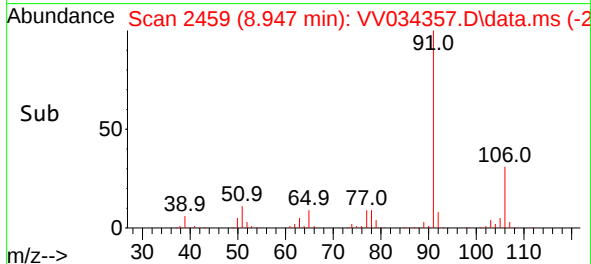
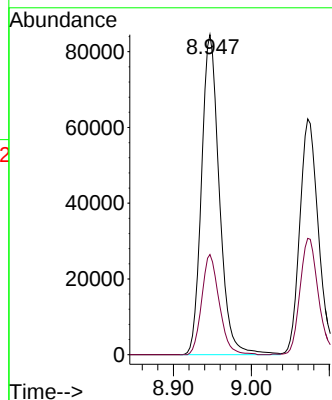
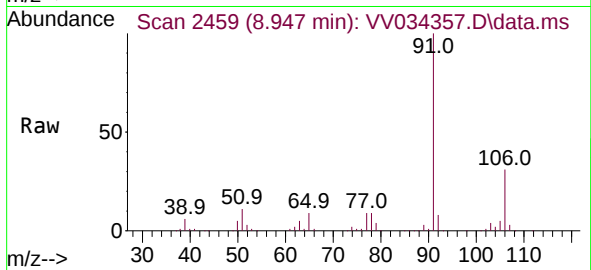




#52
Ethylbenzene
Concen: 5.174 ug/L
RT: 8.947 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV034357.D
Acq: 22 Feb 2024 19:20

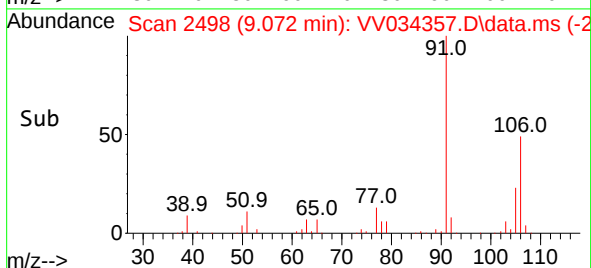
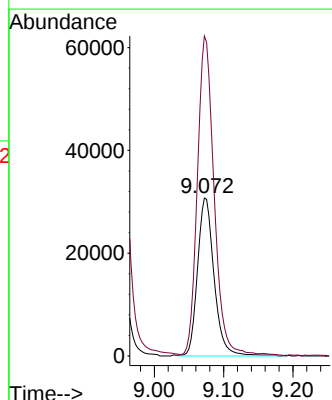
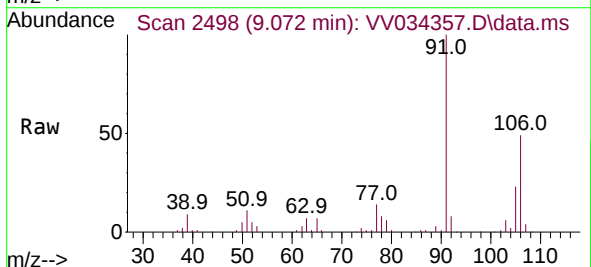
Instrument :
MSVOA_V
ClientSampleId :

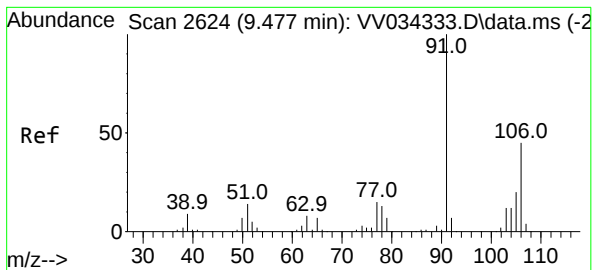
Tgt Ion: 91 Resp: 134160
Ion Ratio Lower Upper
91 100
106 31.3 21.4 39.8



#53
m,p-Xylene
Concen: 5.226 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV034357.D
Acq: 22 Feb 2024 19:20

Tgt Ion:106 Resp: 51213
Ion Ratio Lower Upper
106 100
91 202.6 147.5 273.9





#54

o-Xylene

Concen: 5.268 ug/L

RT: 9.477 min Scan# 2624

Delta R.T. 0.000 min

Lab File: VV034357.D

Acq: 22 Feb 2024 19:20

Instrument :

MSVOA_V

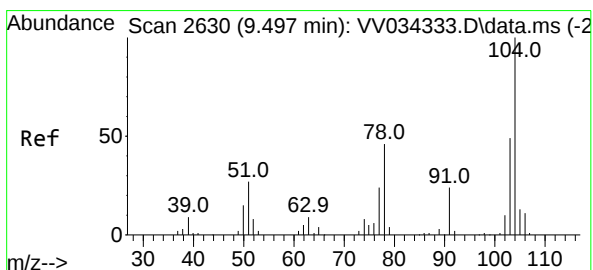
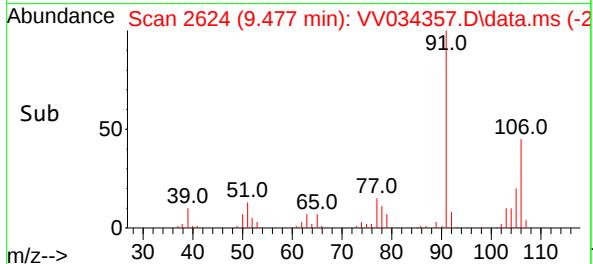
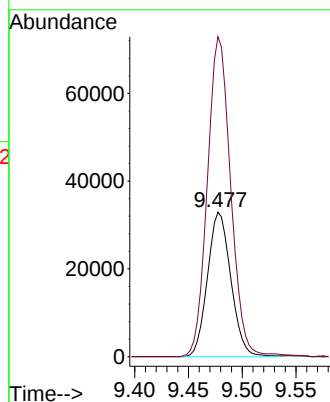
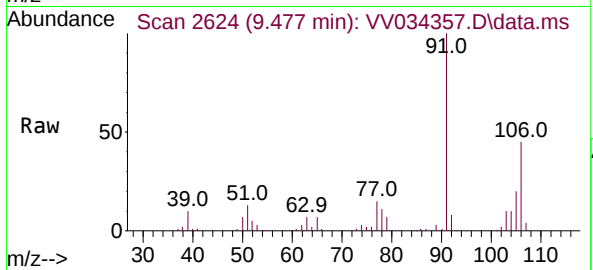
ClientSampleId :

Tgt Ion:106 Resp: 49780

Ion Ratio Lower Upper

106 100

91 221.4 156.2 290.0



#55

Styrene

Concen: 5.248 ug/L

RT: 9.497 min Scan# 2630

Delta R.T. 0.000 min

Lab File: VV034357.D

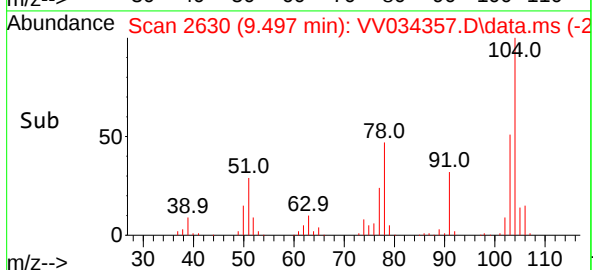
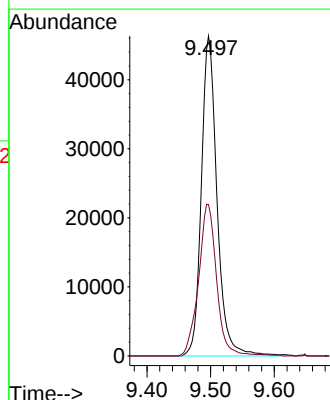
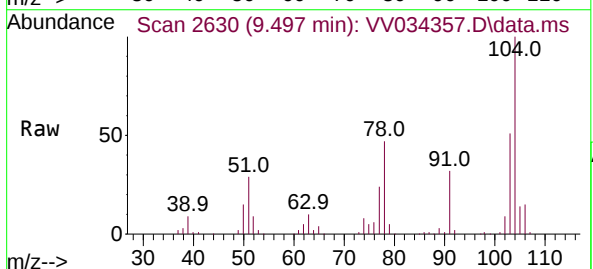
Acq: 22 Feb 2024 19:20

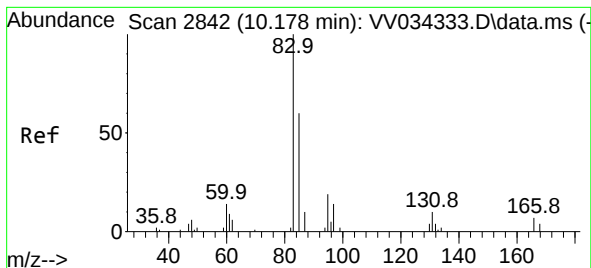
Tgt Ion:104 Resp: 79403

Ion Ratio Lower Upper

104 100

78 47.4 32.9 61.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.935 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. 0.000 min

Lab File: VV034357.D

Acq: 22 Feb 2024 19:20

Instrument :

MSVOA_V

ClientSampleId :

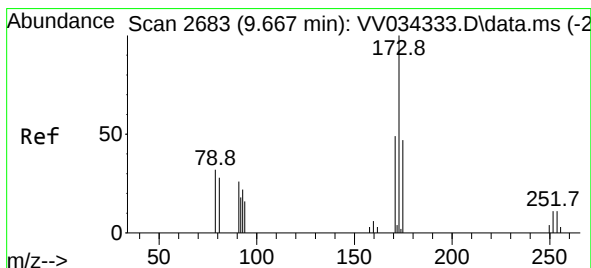
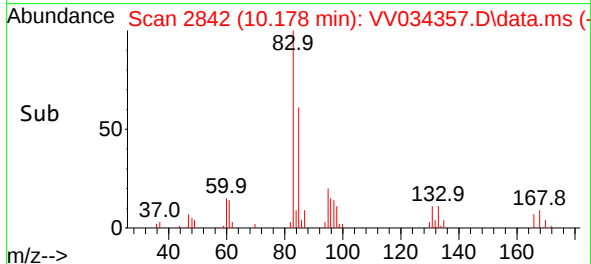
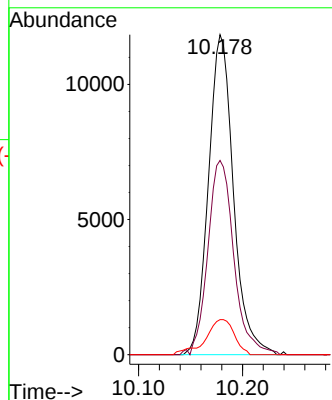
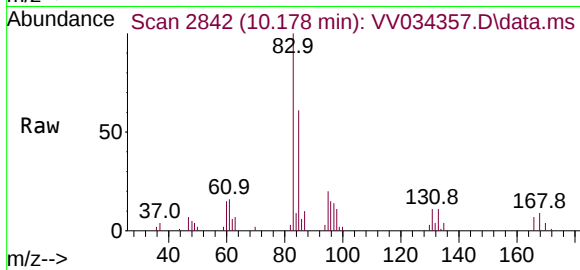
Tgt Ion: 83 Resp: 19750

Ion Ratio Lower Upper

83 100

85 60.7 46.5 86.3

131 11.0 8.4 12.6



#59

Bromoform

Concen: 4.482 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. 0.000 min

Lab File: VV034357.D

Acq: 22 Feb 2024 19:20

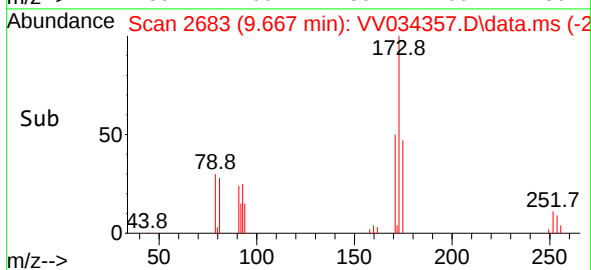
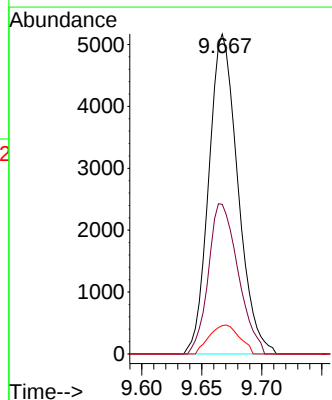
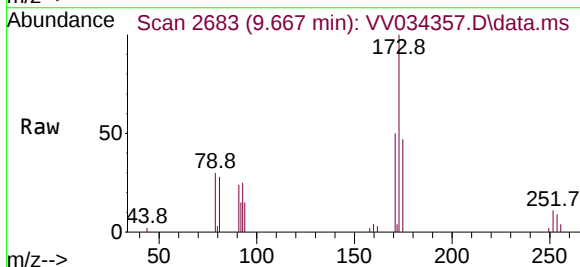
Tgt Ion: 173 Resp: 8697

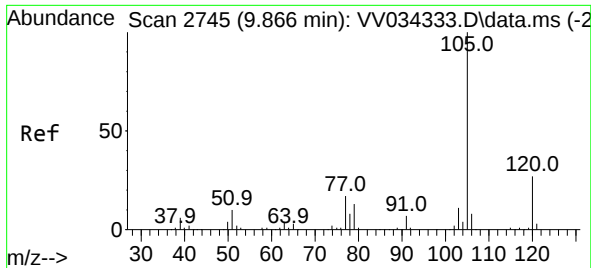
Ion Ratio Lower Upper

173 100

175 48.1 38.6 57.8

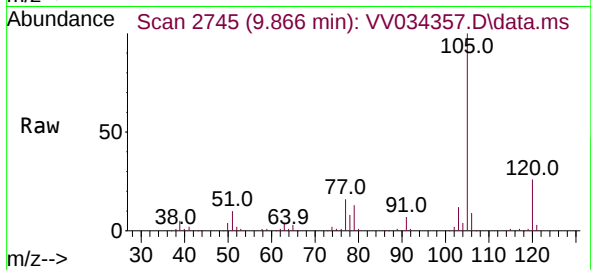
254 9.3 7.2 10.8



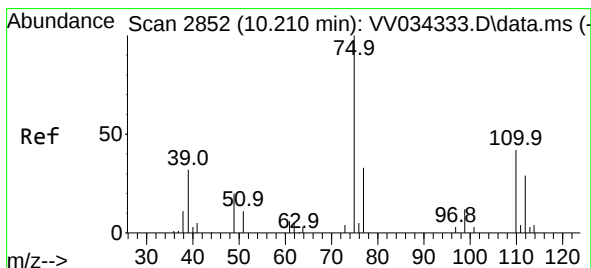
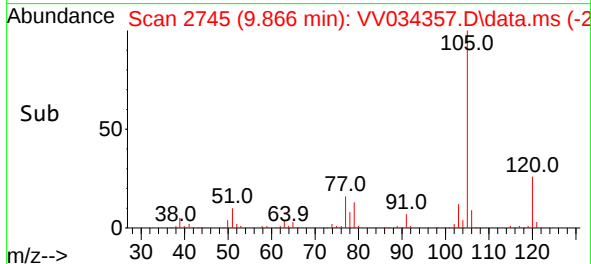
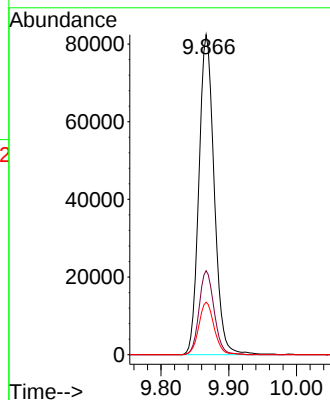


#60
Isopropylbenzene
Concen: 4.936 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034357.D
Acq: 22 Feb 2024 19:20

Instrument :
MSVOA_V
ClientSampleId :

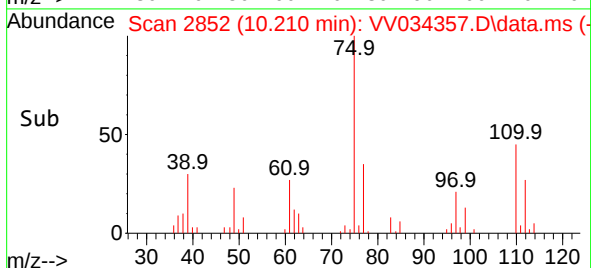
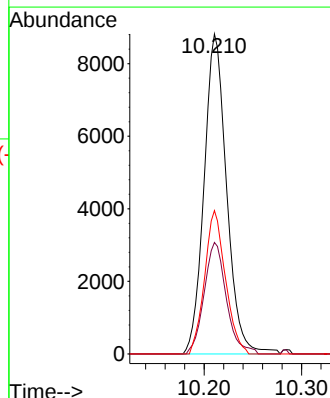
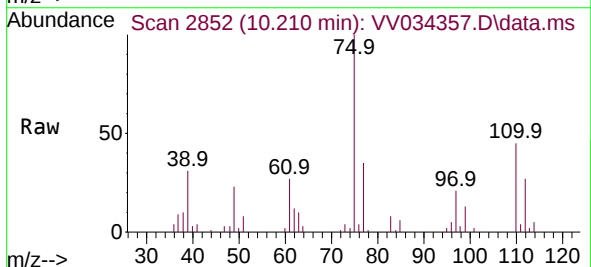


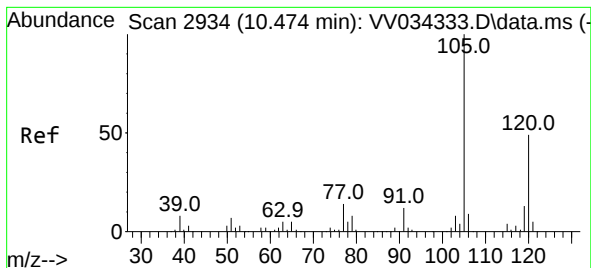
Tgt Ion:105 Resp: 128638
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1
77 16.5 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.853 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV034357.D
Acq: 22 Feb 2024 19:20

Tgt Ion: 75 Resp: 14174
Ion Ratio Lower Upper
75 100
77 34.2 26.9 40.3
110 41.2 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 5.101 ug/L

RT: 10.477 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV034357.D

Acq: 22 Feb 2024 19:20

Instrument :

MSVOA_V

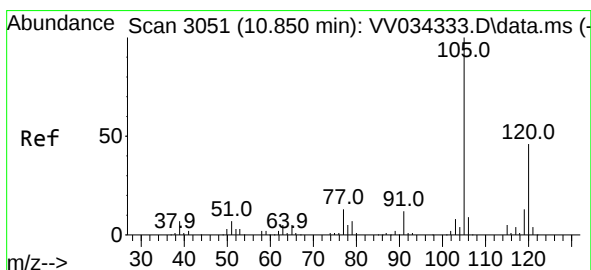
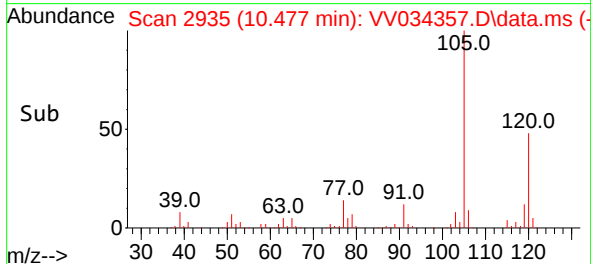
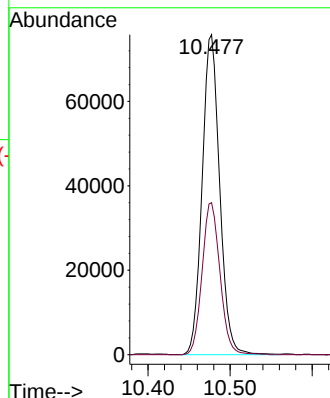
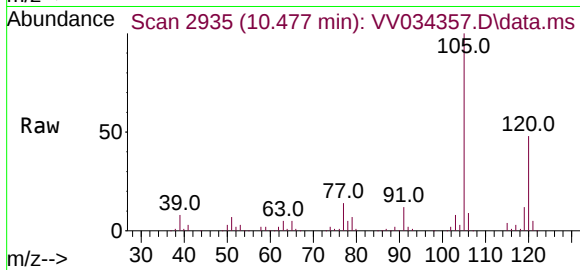
ClientSampleId :

Tgt Ion:105 Resp: 112393

Ion Ratio Lower Upper

105 100

120 48.5 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 5.209 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV034357.D

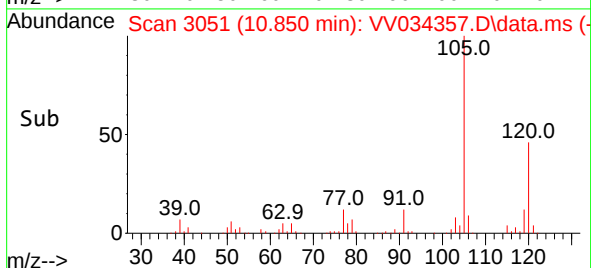
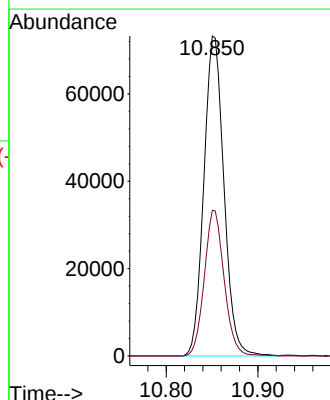
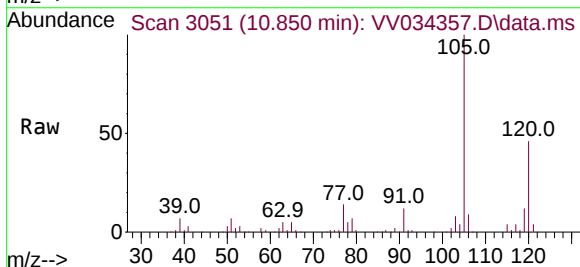
Acq: 22 Feb 2024 19:20

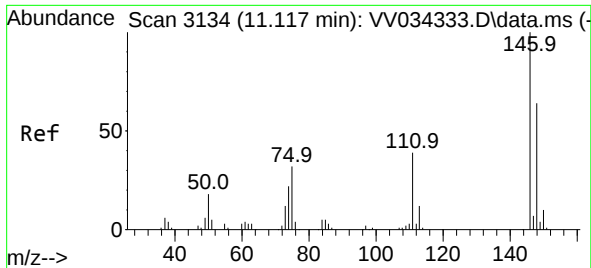
Tgt Ion:105 Resp: 111509

Ion Ratio Lower Upper

105 100

120 45.0 36.2 54.2

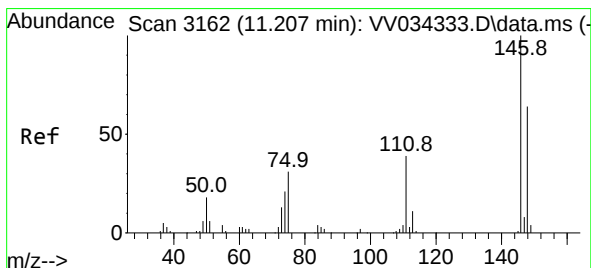
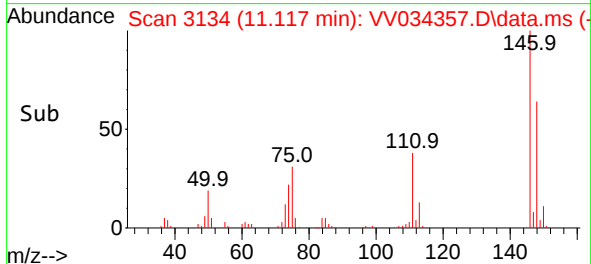
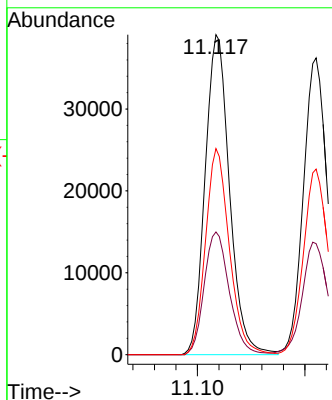
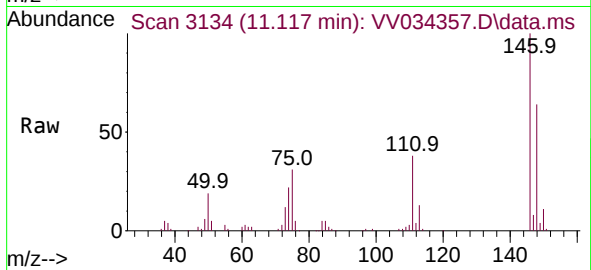




#64
1,3-Dichlorobenzene
Concen: 5.414 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV034357.D
Acq: 22 Feb 2024 19:20

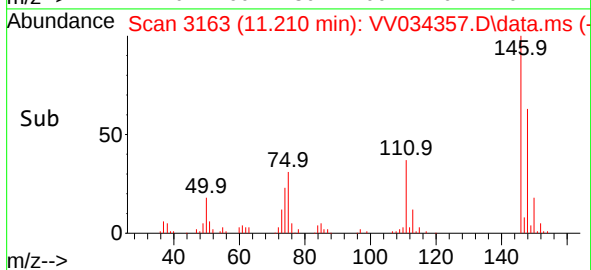
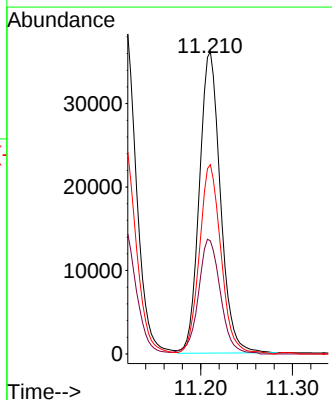
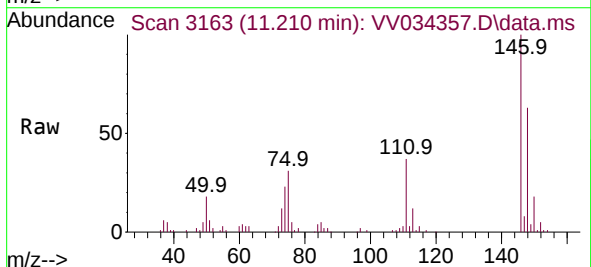
Instrument :
MSVOA_V
ClientSampleId :

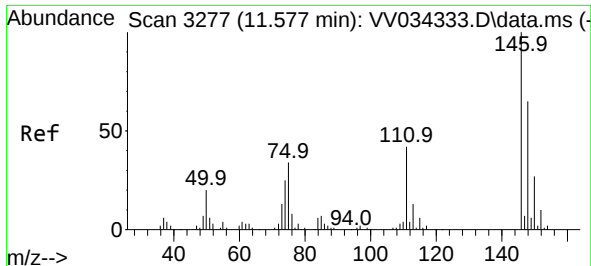
Tgt Ion:146 Resp: 61521
Ion Ratio Lower Upper
146 100
111 38.4 28.5 52.9
148 64.4 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.121 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV034357.D
Acq: 22 Feb 2024 19:20

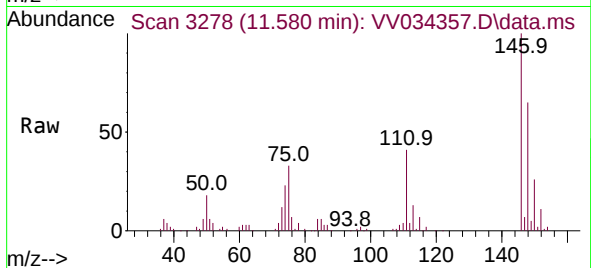
Tgt Ion:146 Resp: 57622
Ion Ratio Lower Upper
146 100
111 37.4 27.6 51.4
148 62.6 44.8 83.2



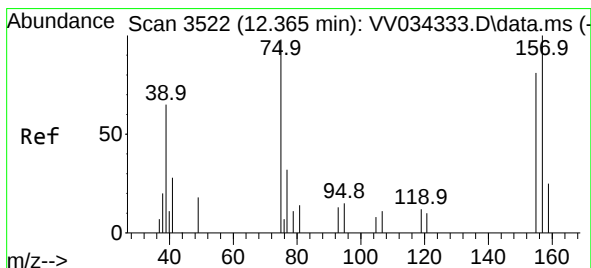
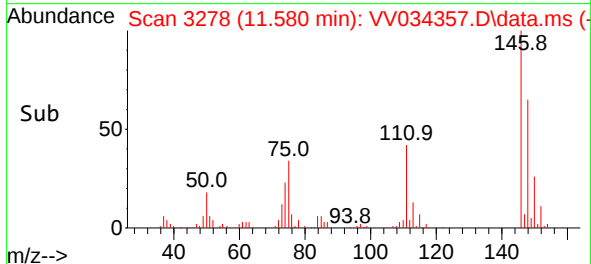
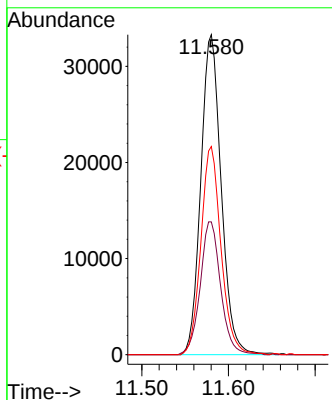


#67
1,2-Dichlorobenzene
Concen: 5.587 ug/L
RT: 11.580 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV034357.D
Acq: 22 Feb 2024 19:20

Instrument :
MSVOA_V
ClientSampleId :

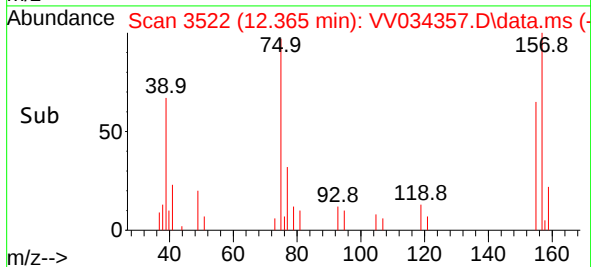
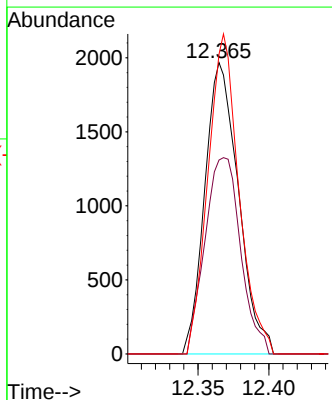
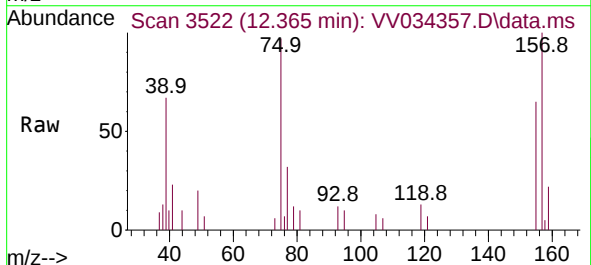


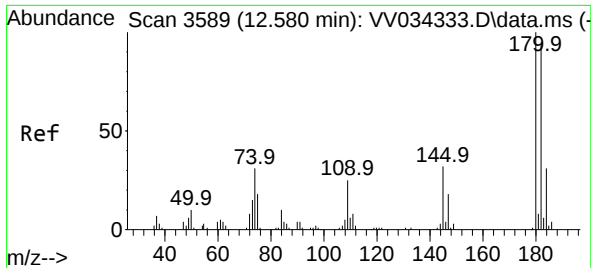
Tgt Ion:146 Resp: 54525
Ion Ratio Lower Upper
146 100
111 41.5 31.2 46.8
148 65.0 49.8 74.8



#68
1,2-Dibromo-3-chloropropane
Concen: 6.392 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. 0.000 min
Lab File: VV034357.D
Acq: 22 Feb 2024 19:20

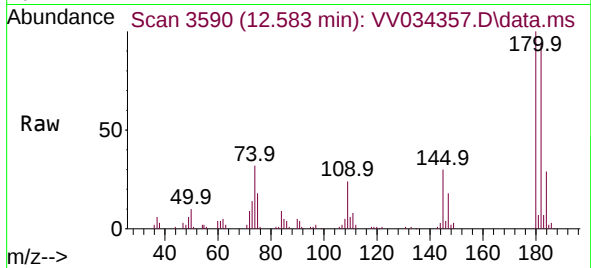
Tgt Ion: 75 Resp: 3244
Ion Ratio Lower Upper
75 100
155 66.6 68.9 103.3#
157 102.8 84.6 127.0



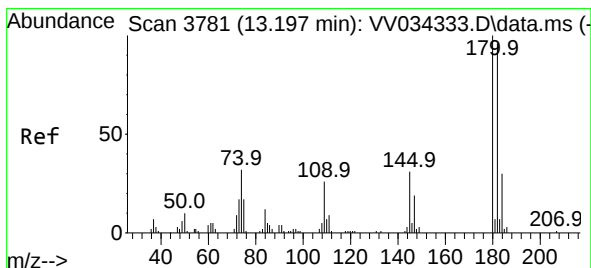
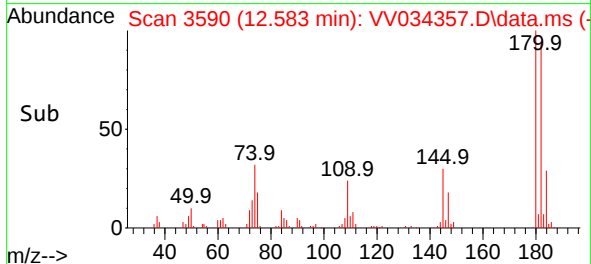
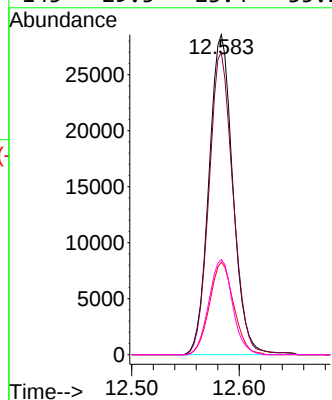


#69
1,3,5-Trichlorobenzene
Concen: 5.016 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VV034357.D
Acq: 22 Feb 2024 19:20

Instrument :
MSVOA_V
ClientSampleId :

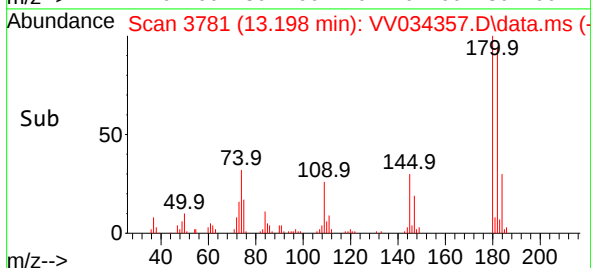
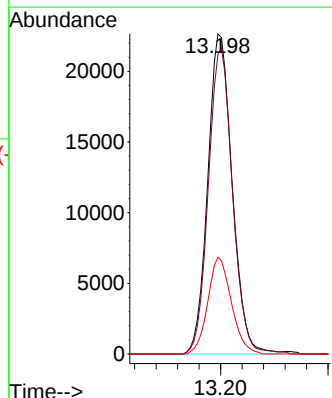
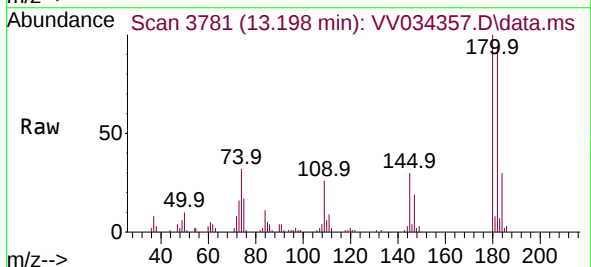


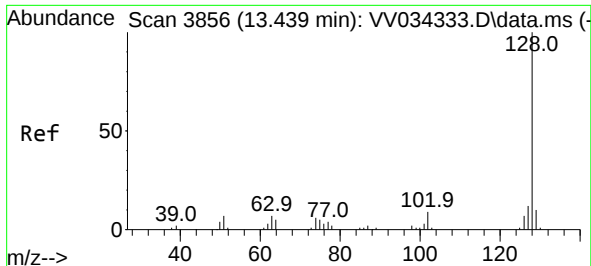
Tgt Ion:180 Resp: 44117
Ion Ratio Lower Upper
180 100
182 95.0 77.0 115.4
184 29.3 23.8 35.6
145 29.5 23.4 35.2



#70
1,2,4-trichlorobenzene
Concen: 5.195 ug/L
RT: 13.198 min Scan# 3781
Delta R.T. 0.000 min
Lab File: VV034357.D
Acq: 22 Feb 2024 19:20

Tgt Ion:180 Resp: 35667
Ion Ratio Lower Upper
180 100
182 94.6 76.8 115.2
145 29.2 24.8 37.2

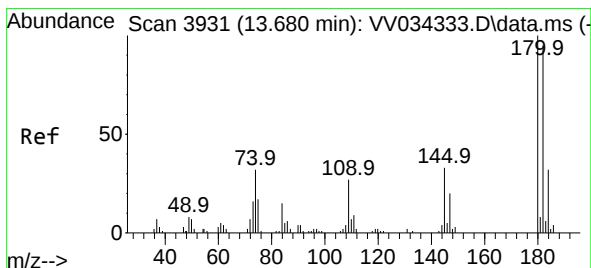
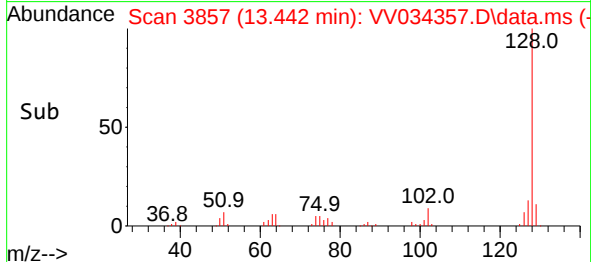
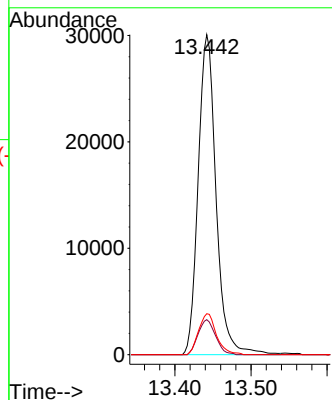
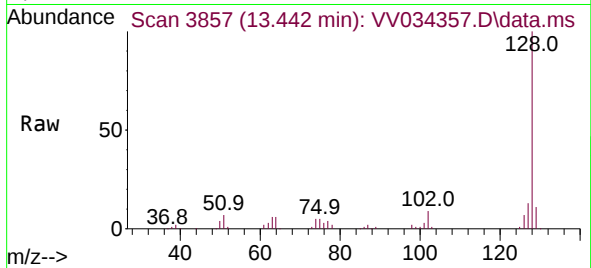




#71
Naphthalene
Concen: 5.465 ug/L
RT: 13.442 min Scan# 3856
Delta R.T. 0.003 min
Lab File: VV034357.D
Acq: 22 Feb 2024 19:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 49163
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 12.8 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.536 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.000 min
Lab File: VV034357.D
Acq: 22 Feb 2024 19:20

Tgt Ion:180 Resp: 30455
Ion Ratio Lower Upper
180 100
182 95.2 75.0 112.6
145 32.6 25.2 37.8

