

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021224\
 Data File : VW034142.D
 Acq On : 12 Feb 2024 16:08
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 13 00:48:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 13 00:43:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	75391	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	70456	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	37552	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	26006	4.454	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.532	69	21877	4.278	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.060	65	12816	4.551	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	3.809	46	47575	48.515	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.040%
24) Chloroform-d	4.252	84	50679	4.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	4.947	65	24258	4.892	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	4.963	84	90361	4.275	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	5.992	67	25176	4.261	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.243	98	85941	4.424	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.558	79	10612	4.756	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.027	63	37441	47.008	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.020%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	16731	4.671	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	31141	4.560	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	32506	4.705	ug/L	99
3) Chloromethane	1.217	50	35316	4.686	ug/L	99
5) Vinyl chloride	1.285	62	35220	4.891	ug/L	89
6) Bromomethane	1.490	94	18969	5.002	ug/L	97
8) Chloroethane	1.552	64	21926	4.463	ug/L	98
9) Trichlorofluoromethane	1.716	101	58240	5.612	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	28802	5.309	ug/L	99
12) 1,1-Dichloroethene	2.072	96	28017	5.320	ug/L	87
13) Acetone	2.134	43	37857	50.887	ug/L #	37
14) Carbon disulfide	2.240	76	74108	4.349	ug/L	100
15) Methyl Acetate	2.384	43	7930	4.504	ug/L	95
16) Methylene chloride	2.449	84	25602	5.066	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	60463	5.587	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	25689	4.789	ug/L	97
19) 1,1-Dichloroethane	3.114	63	49846	5.057	ug/L	97
21) 2-Butanone	3.889	43	47686	48.505	ug/L #	56
22) cis-1,2-Dichloroethene	3.818	96	28365	4.661	ug/L	95
23) Bromochloromethane	4.153	128	11793	5.574	ug/L #	85
25) Chloroform	4.278	83	52234	5.242	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021224\
 Data File : VW034142.D
 Acq On : 12 Feb 2024 16:08
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

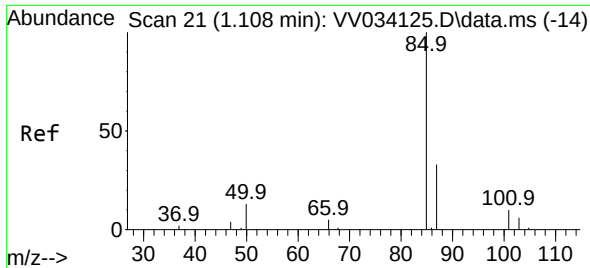
Quant Time: Feb 13 00:48:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 13 00:43:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	30988	5.431	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	49758	5.260	ug/L	99
30) Cyclohexane	4.584	56	41463	4.507	ug/L	96
31) Carbon tetrachloride	4.735	117	44295	5.352	ug/L	100
33) Benzene	5.011	78	104709	4.955	ug/L	100
34) Trichloroethene	5.834	95	28564	4.670	ug/L	96
35) Methylcyclohexane	6.050	83	43870	4.570	ug/L	97
37) 1,2-Dichloropropane	6.095	63	25129	4.909	ug/L	98
38) Bromodichloromethane	6.436	83	34623	5.153	ug/L	96
39) cis-1,3-Dichloropropene	6.956	75	38636	4.961	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	126115	51.450	ug/L	98
42) Toluene	7.317	91	113847	5.041	ug/L	98
44) trans-1,3-Dichloropropene	7.583	75	31658	5.294	ug/L	96
45) 1,1,2-Trichloroethane	7.773	97	17154	5.427	ug/L	94
47) Tetrachloroethene	7.908	164	23441	4.717	ug/L	93
48) 2-Hexanone	8.079	43	90786	52.543	ug/L	99
49) Dibromochloromethane	8.178	129	19640	5.229	ug/L	96
50) 1,2-Dibromoethane	8.288	107	15616	5.504	ug/L #	98
51) Chlorobenzene	8.815	112	72986	5.111	ug/L	97
52) Ethylbenzene	8.947	91	132760	5.107	ug/L	98
53) m,p-Xylene	9.075	106	50056	5.095	ug/L	99
54) o-Xylene	9.477	106	47848	5.051	ug/L	99
55) Styrene	9.497	104	80282	5.293	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	17339	5.197	ug/L	98
59) Bromoform	9.667	173	9940	4.805	ug/L	98
60) Isopropylbenzene	9.866	105	133819	4.816	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	12546	4.860	ug/L	97
62) 1,3,5-Trimethylbenzene	10.477	105	113946	4.851	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	111897	4.903	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	61277	5.058	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	59986	5.000	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	53381	5.130	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.368	75	2830	5.231	ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	46886	5.001	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	38695	5.287	ug/L	98
71) Naphthalene	13.439	128	54679	5.701	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	32002	5.457	ug/L	99

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

Quant Time: Feb 13 00:48:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Feb 13 00:43:48 2024
Response via : Initial Calibration

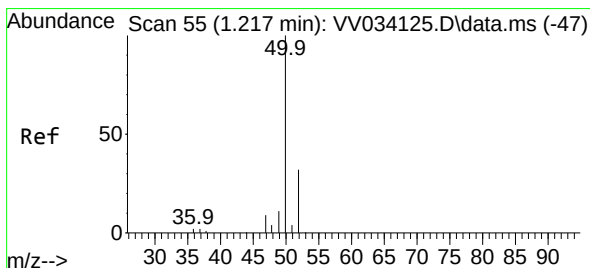
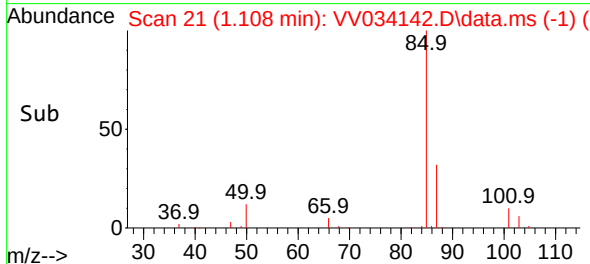
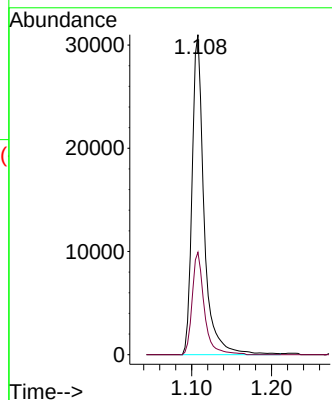
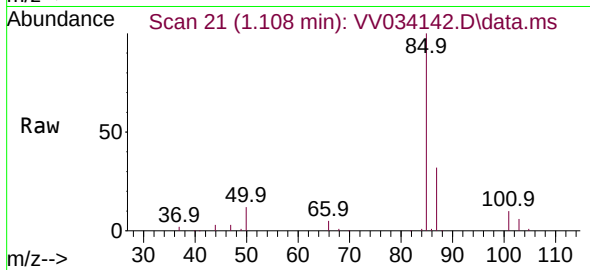




#2
Dichlorodifluoromethane
Concen: 4.705 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034142.D
Acq: 12 Feb 2024 16:08

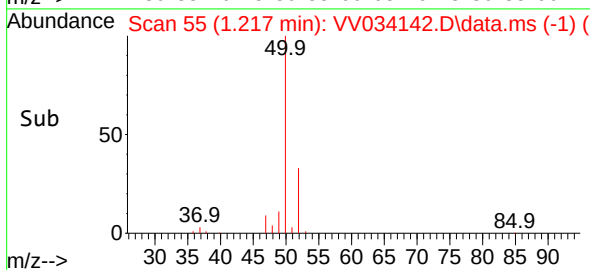
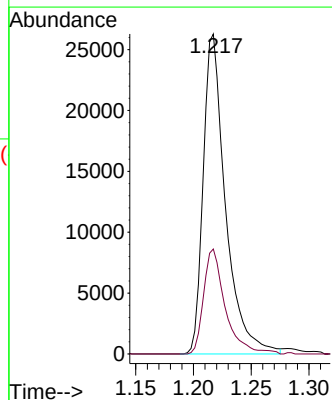
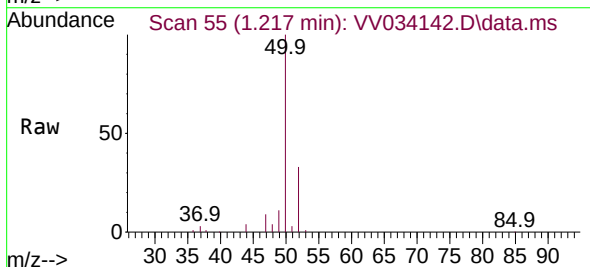
Instrument :
MSVOA_V
ClientSampleId :

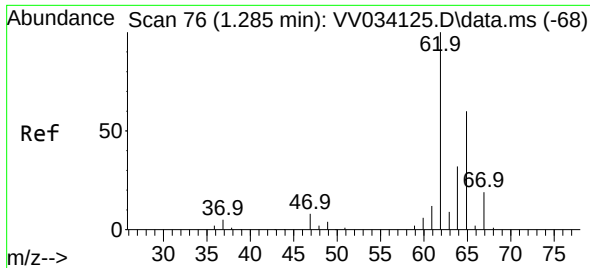
Tgt Ion: 85 Resp: 32506
Ion Ratio Lower Upper
85 100
87 32.2 26.2 39.4



#3
Chloromethane
Concen: 4.686 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV034142.D
Acq: 12 Feb 2024 16:08

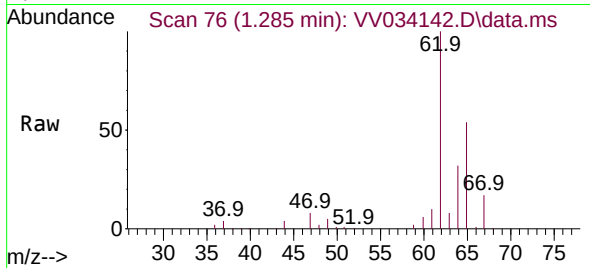
Tgt Ion: 50 Resp: 35316
Ion Ratio Lower Upper
50 100
52 32.8 23.4 43.4



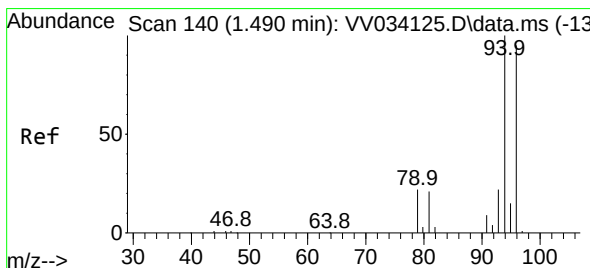
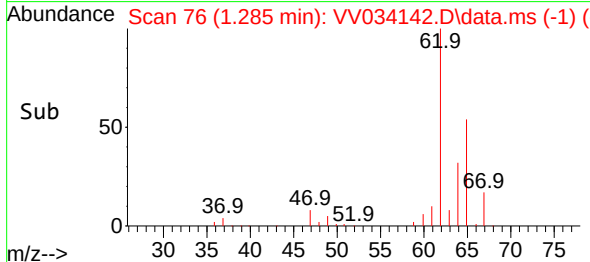
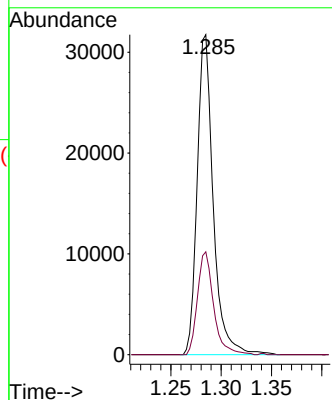


#5
 Vinyl chloride
 Concen: 4.891 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VV034142.D
 Acq: 12 Feb 2024 16:08

Instrument :
 MSVOA_V
 ClientSampleId :

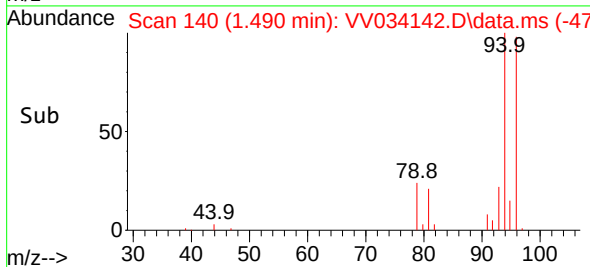
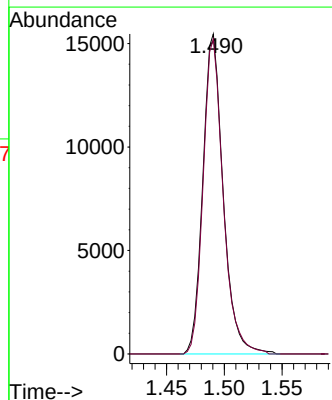
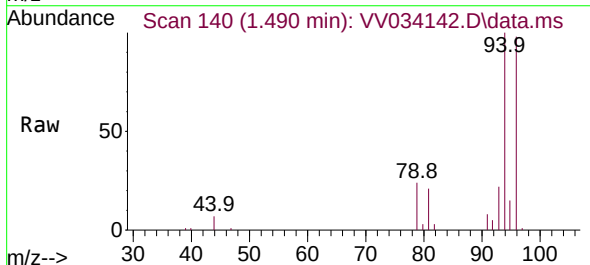


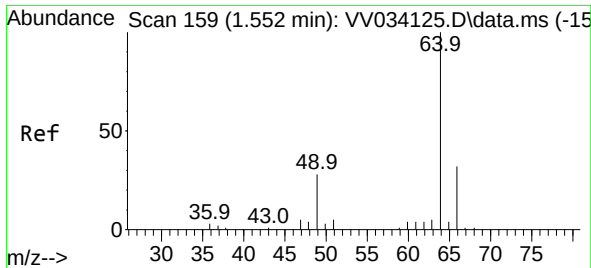
Tgt Ion: 62 Resp: 35220
 Ion Ratio Lower Upper
 62 100
 64 32.2 27.2 50.4



#6
 Bromomethane
 Concen: 5.002 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV034142.D
 Acq: 12 Feb 2024 16:08

Tgt Ion: 94 Resp: 18969
 Ion Ratio Lower Upper
 94 100
 96 98.4 66.6 123.8

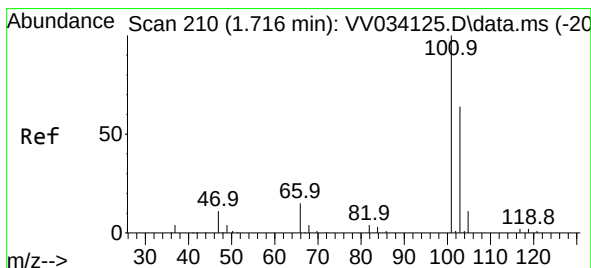
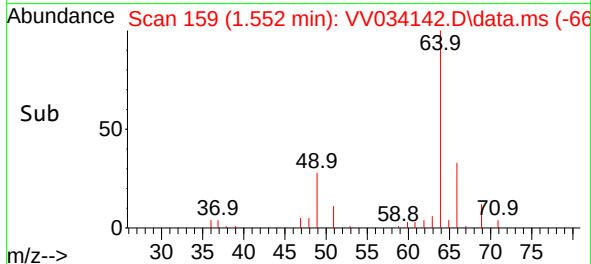
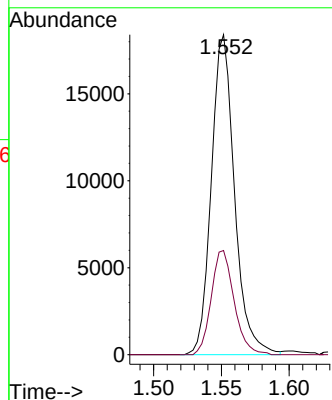
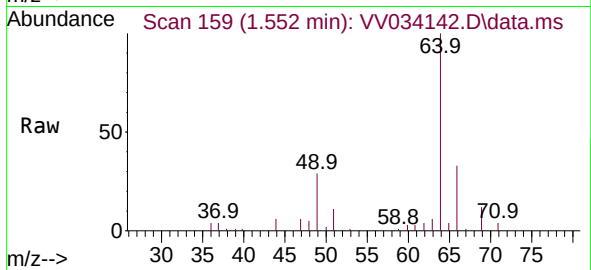




#8
Chloroethane
Concen: 4.463 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV034142.D
Acq: 12 Feb 2024 16:08

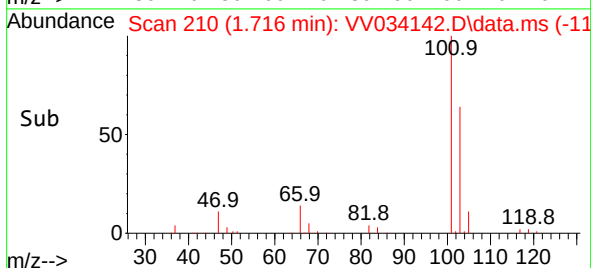
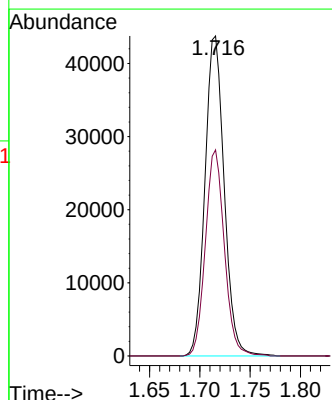
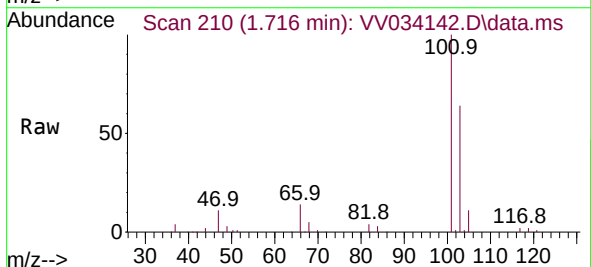
Instrument :
MSVOA_V
ClientSampleId :

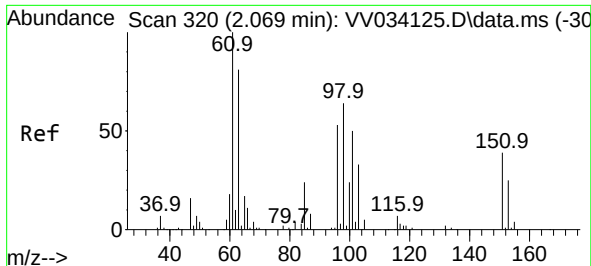
Tgt Ion: 64 Resp: 21926
Ion Ratio Lower Upper
64 100
66 32.6 22.0 41.0



#9
Trichlorofluoromethane
Concen: 5.612 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV034142.D
Acq: 12 Feb 2024 16:08

Tgt Ion:101 Resp: 58240
Ion Ratio Lower Upper
101 100
103 63.6 51.0 76.4

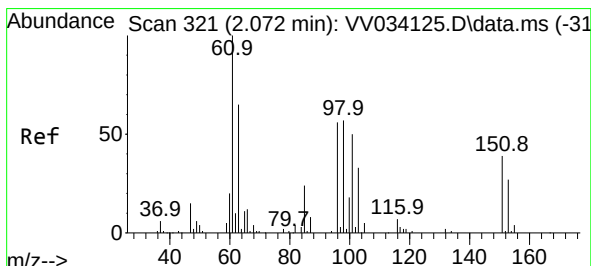
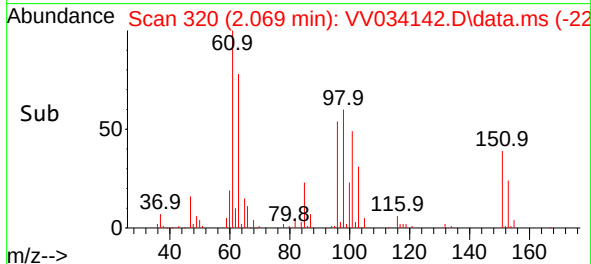
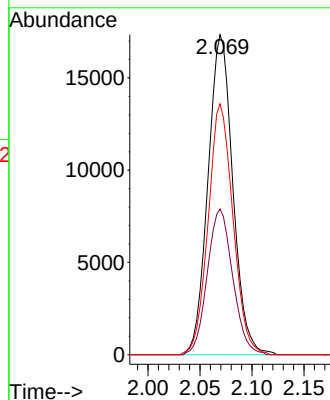
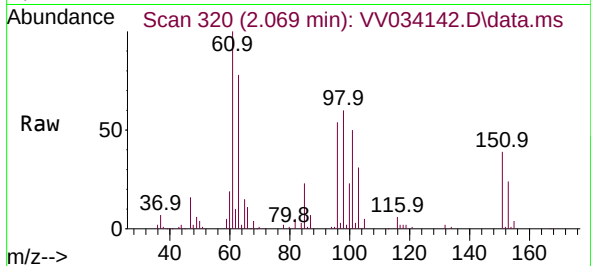




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.309 ug/L
RT: 2.069 min Scan# 310
Delta R.T. 0.000 min
Lab File: VV034142.D
Acq: 12 Feb 2024 16:08

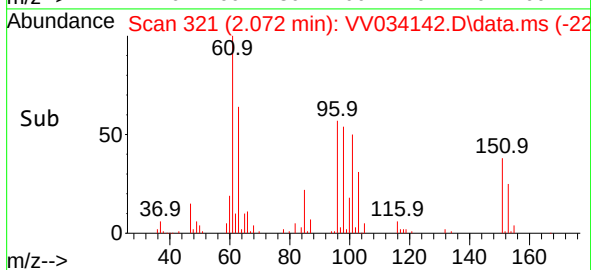
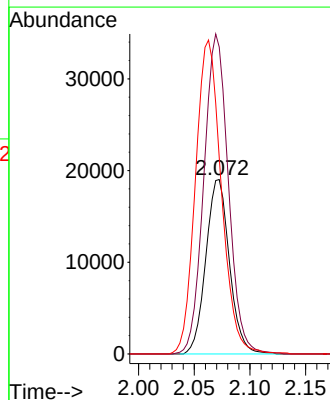
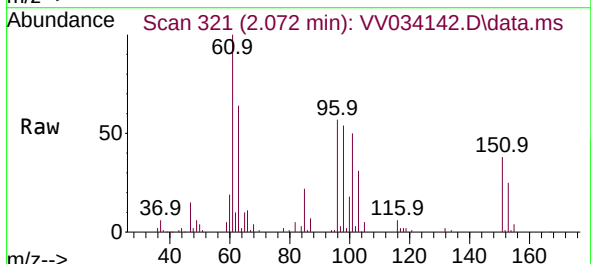
Instrument :
MSVOA_V
ClientSampleId :

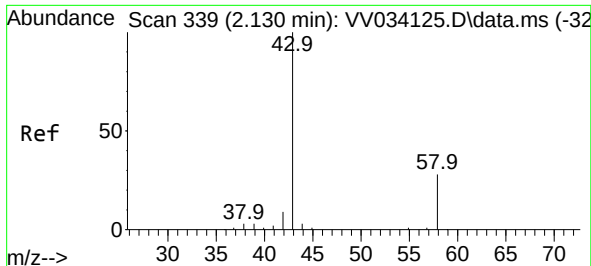
Tgt Ion:101 Resp: 28802
Ion Ratio Lower Upper
101 100
85 46.5 37.1 55.7
151 78.4 61.7 92.5



#12
1,1-Dichloroethene
Concen: 5.320 ug/L
RT: 2.072 min Scan# 321
Delta R.T. 0.000 min
Lab File: VV034142.D
Acq: 12 Feb 2024 16:08

Tgt Ion: 96 Resp: 28017
Ion Ratio Lower Upper
96 100
61 176.0 128.8 239.2
63 112.6 97.9 181.9





#13

Acetone

Concen: 50.887 ug/L

RT: 2.134 min Scan# 340

Delta R.T. 0.003 min

Lab File: VV034142.D

Acq: 12 Feb 2024 16:08

Instrument :

MSVOA_V

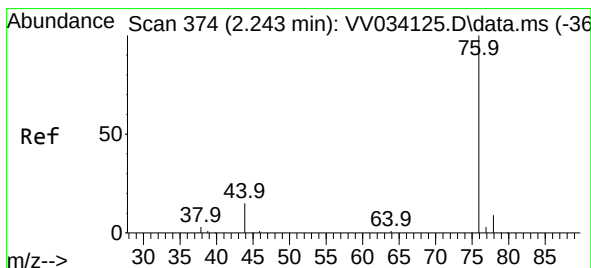
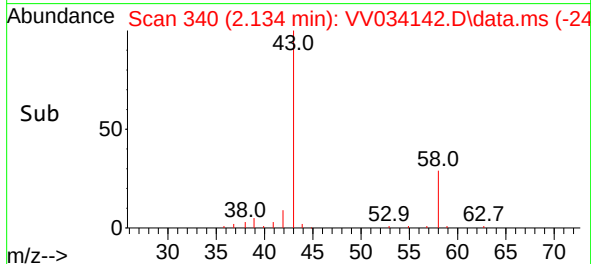
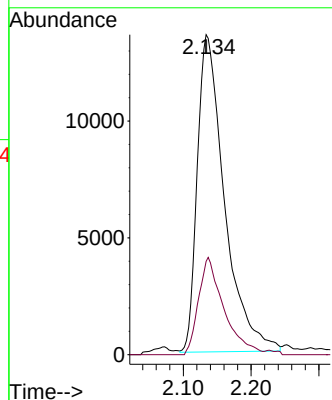
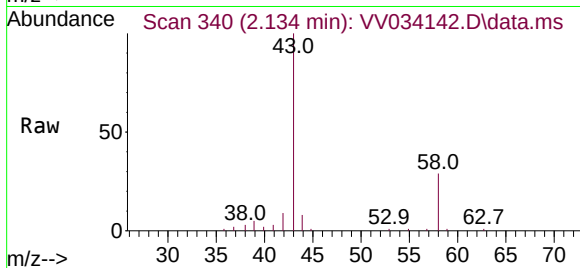
ClientSampleId :

Tgt Ion: 43 Resp: 37857

Ion Ratio Lower Upper

43 100

58 28.6 0.0 13.8#



#14

Carbon disulfide

Concen: 4.349 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV034142.D

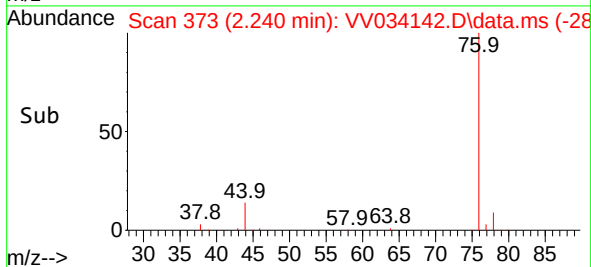
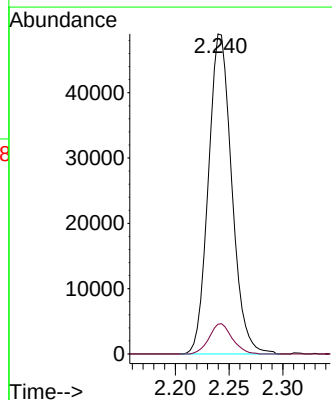
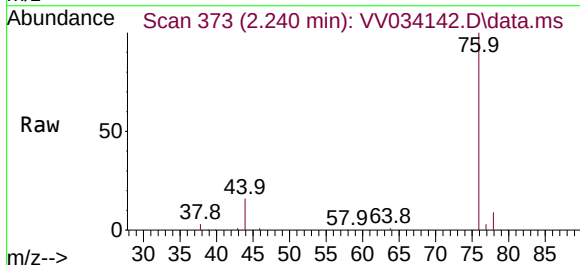
Acq: 12 Feb 2024 16:08

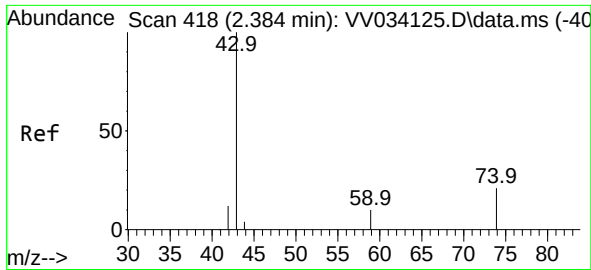
Tgt Ion: 76 Resp: 74108

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3





#15

Methyl Acetate

Concen: 4.504 ug/L

RT: 2.384 min Scan# 418

Delta R.T. 0.000 min

Lab File: VV034142.D

Acq: 12 Feb 2024 16:08

Instrument :

MSVOA_V

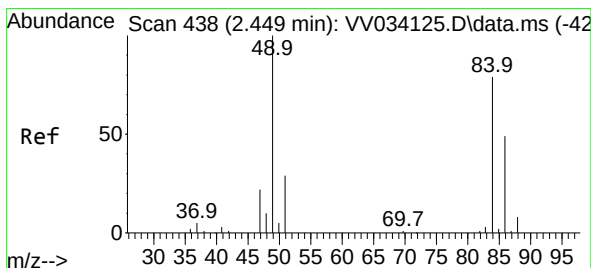
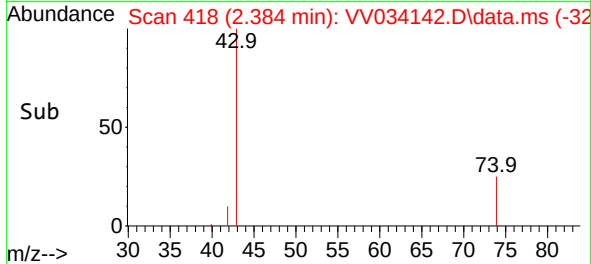
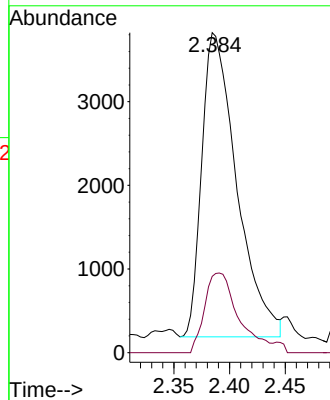
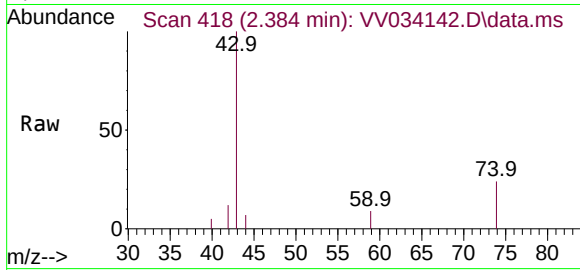
ClientSampleId :

Tgt Ion: 43 Resp: 7930

Ion Ratio Lower Upper

43 100

74 25.4 18.2 27.4



#16

Methylene chloride

Concen: 5.066 ug/L

RT: 2.449 min Scan# 438

Delta R.T. 0.000 min

Lab File: VV034142.D

Acq: 12 Feb 2024 16:08

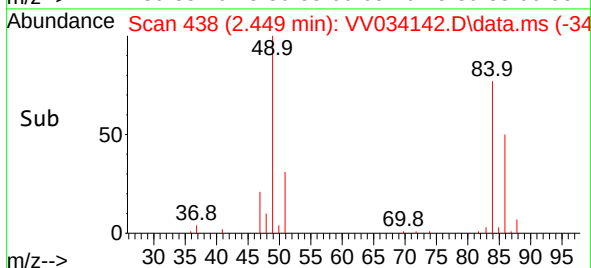
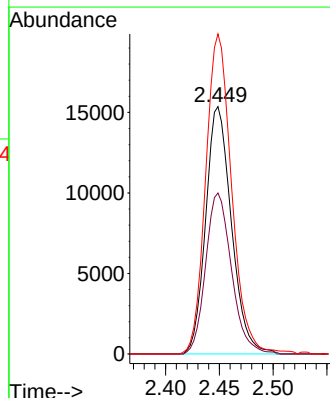
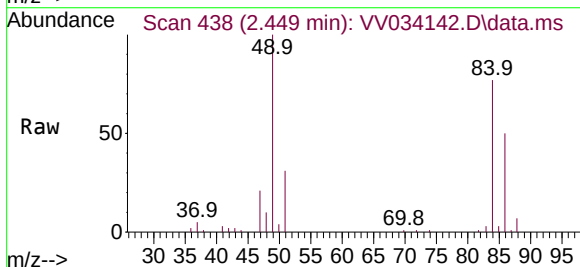
Tgt Ion: 84 Resp: 25602

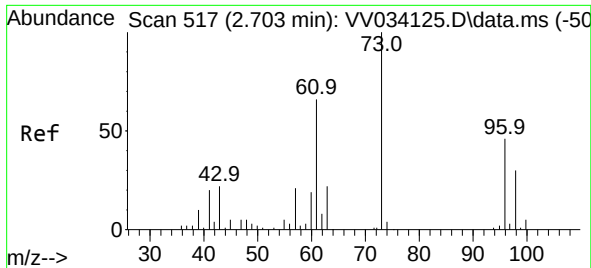
Ion Ratio Lower Upper

84 100

86 65.1 44.7 83.1

49 129.4 93.7 173.9

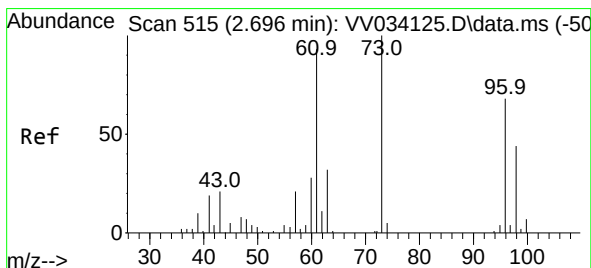
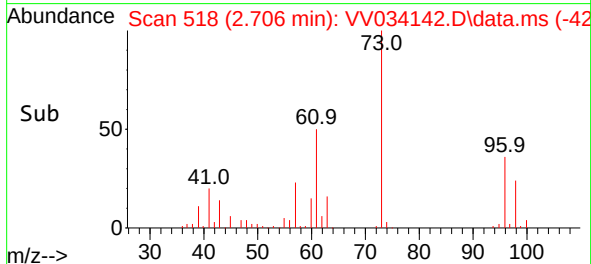
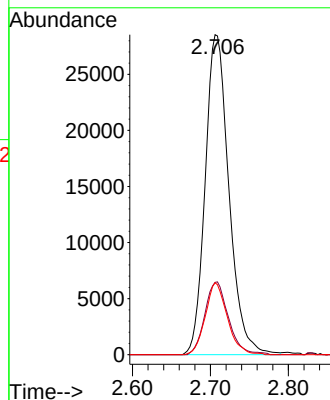
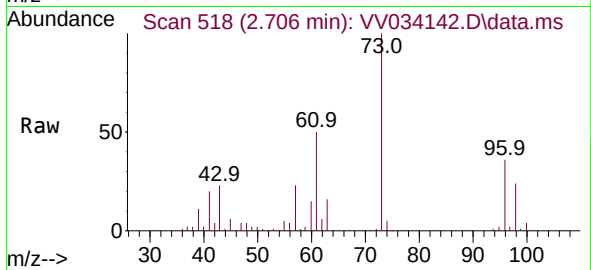




#17
Methyl tert-butyl Ether
Concen: 5.587 ug/L
RT: 2.706 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV034142.D
Acq: 12 Feb 2024 16:08

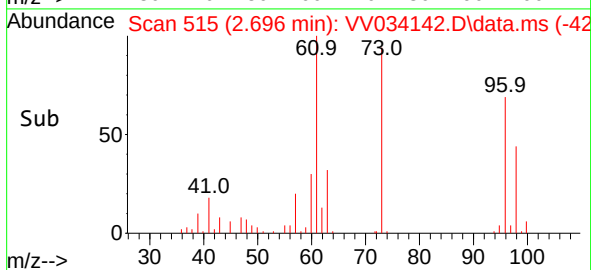
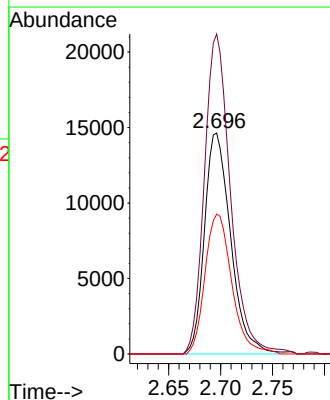
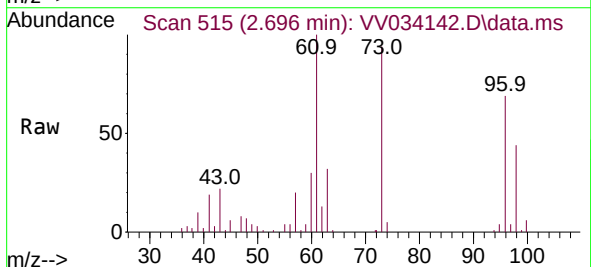
Instrument :
MSVOA_V
ClientSampleId :

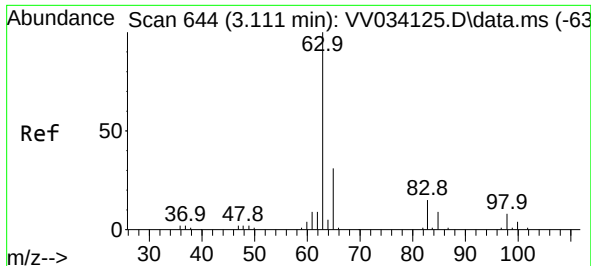
Tgt Ion: 73 Resp: 60463
Ion Ratio Lower Upper
73 100
43 22.5 17.7 26.5
57 20.9 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 4.789 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV034142.D
Acq: 12 Feb 2024 16:08

Tgt Ion: 96 Resp: 25689
Ion Ratio Lower Upper
96 100
61 144.9 97.6 181.4
98 63.3 44.4 82.5





#19

1,1-Dichloroethane

Concen: 5.057 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV034142.D

Acq: 12 Feb 2024 16:08

Instrument :

MSVOA_V

ClientSampleId :

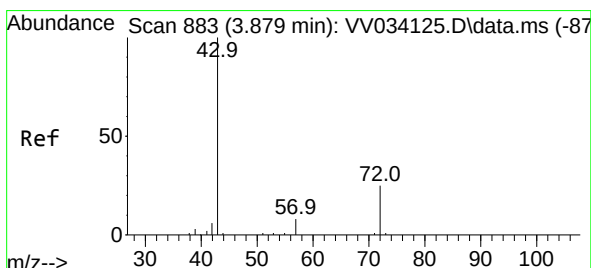
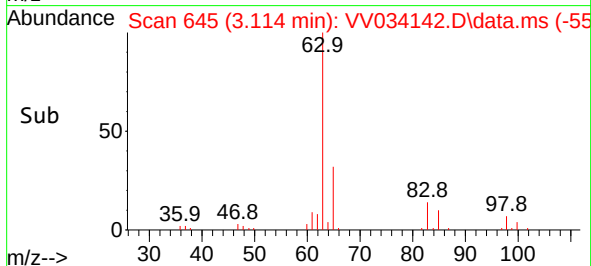
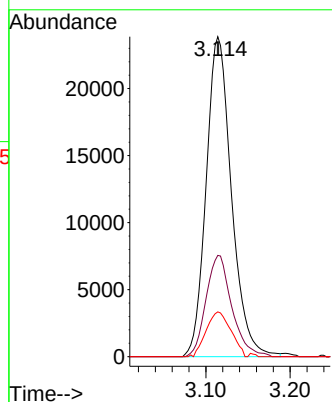
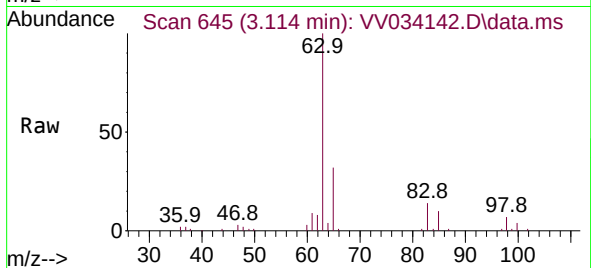
Tgt Ion: 63 Resp: 49846

Ion Ratio Lower Upper

63 100

65 31.7 20.8 38.6

83 14.0 9.4 17.4



#21

2-Butanone

Concen: 48.505 ug/L

RT: 3.889 min Scan# 886

Delta R.T. 0.010 min

Lab File: VV034142.D

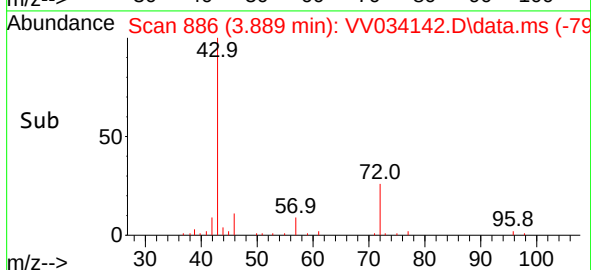
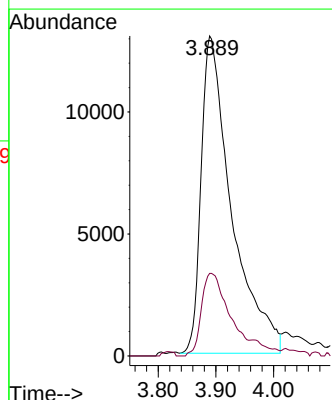
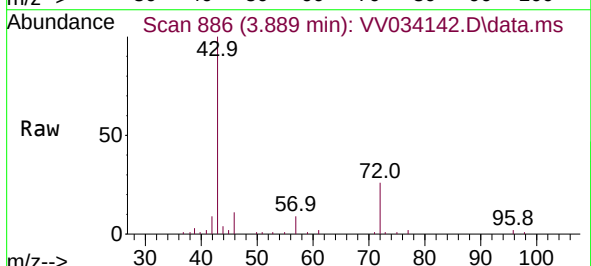
Acq: 12 Feb 2024 16:08

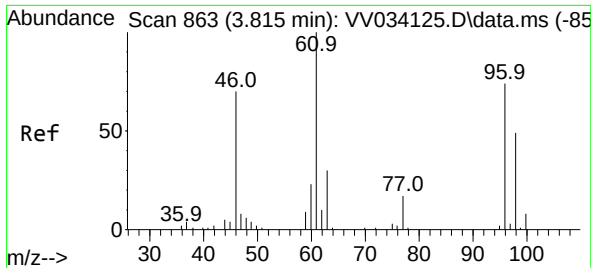
Tgt Ion: 43 Resp: 47686

Ion Ratio Lower Upper

43 100

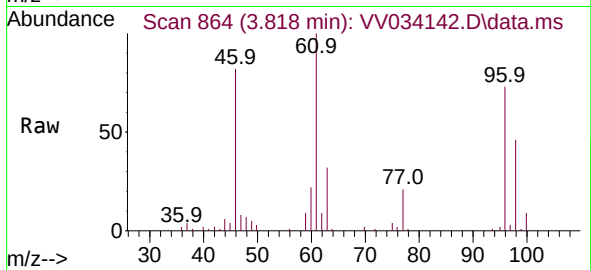
72 23.4 4.0 11.9#



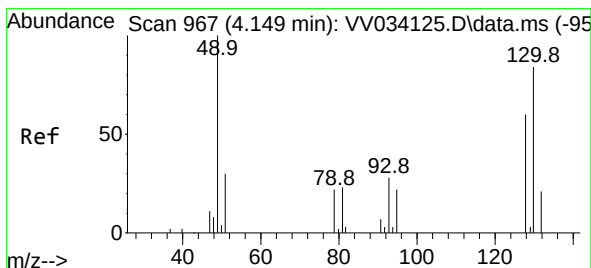
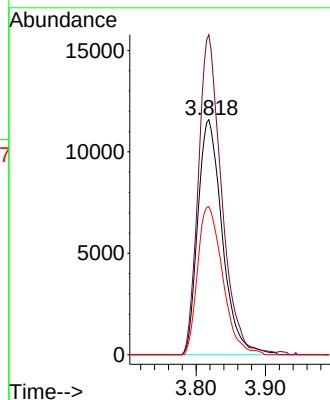
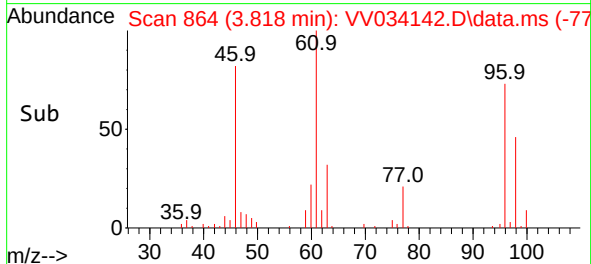


#22
cis-1,2-Dichloroethene
Concen: 4.661 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.003 min
Lab File: VV034142.D
Acq: 12 Feb 2024 16:08

Instrument :
MSVOA_V
ClientSampleId :

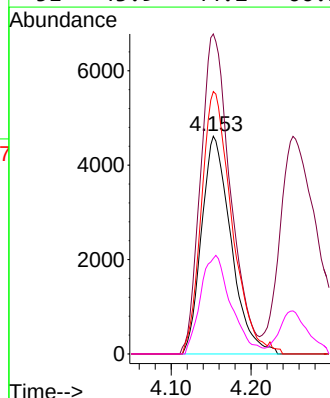
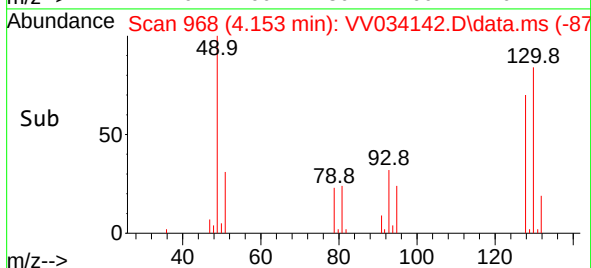
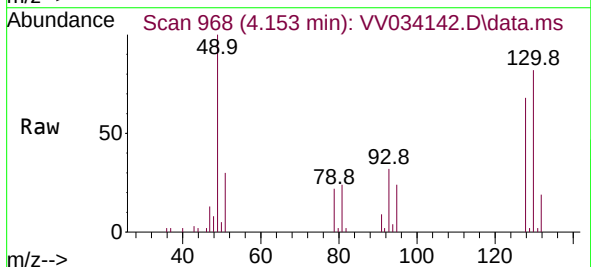


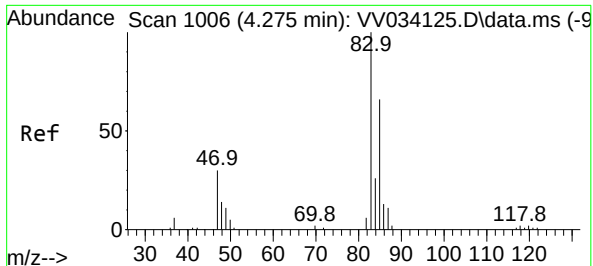
Tgt Ion: 96 Resp: 28365
Ion Ratio Lower Upper
96 100
61 136.2 90.3 167.7
98 62.9 43.2 80.2



#23
Bromochloromethane
Concen: 5.574 ug/L
RT: 4.153 min Scan# 968
Delta R.T. 0.003 min
Lab File: VV034142.D
Acq: 12 Feb 2024 16:08

Tgt Ion: 128 Resp: 11793
Ion Ratio Lower Upper
128 100
49 147.0 120.5 223.7
130 120.5 93.4 173.4
51 43.9 44.2 66.2#

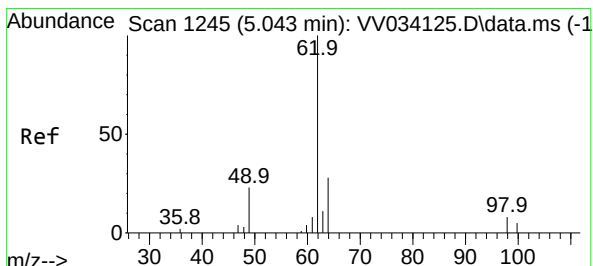
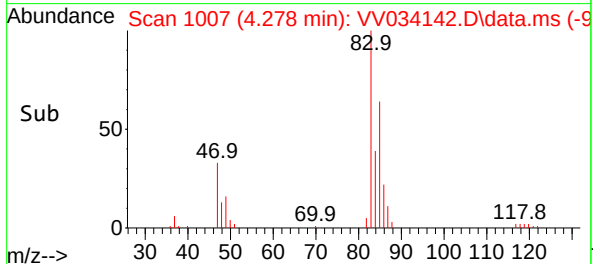
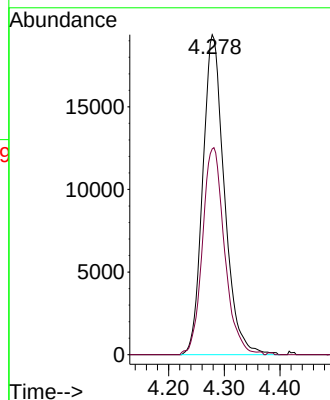
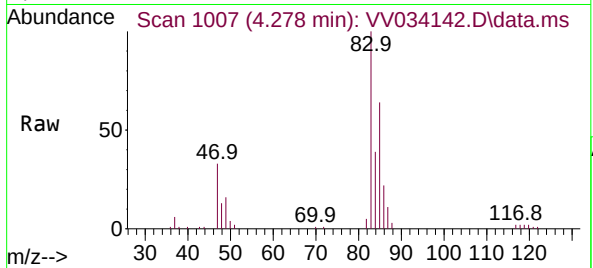




#25
Chloroform
Concen: 5.242 ug/L
RT: 4.278 min Scan# 1006
Delta R.T. 0.003 min
Lab File: VV034142.D
Acq: 12 Feb 2024 16:08

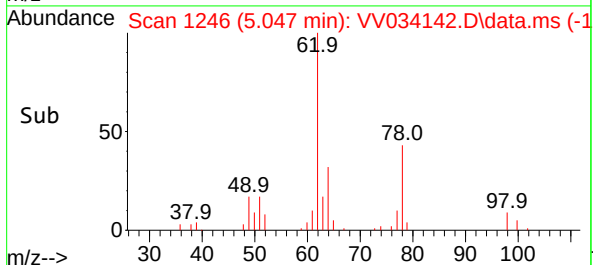
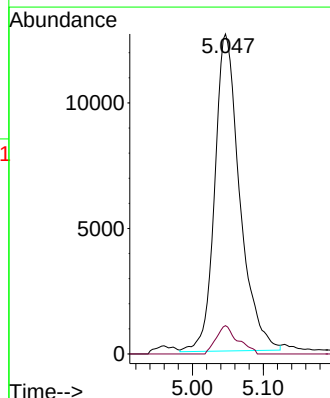
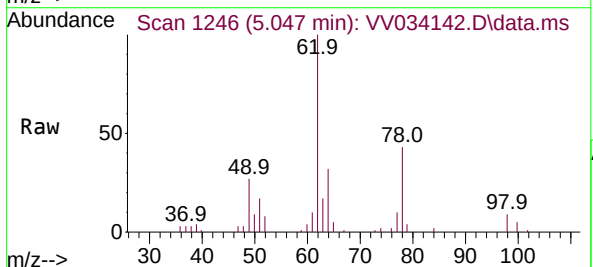
Instrument :
MSVOA_V
ClientSampleId :

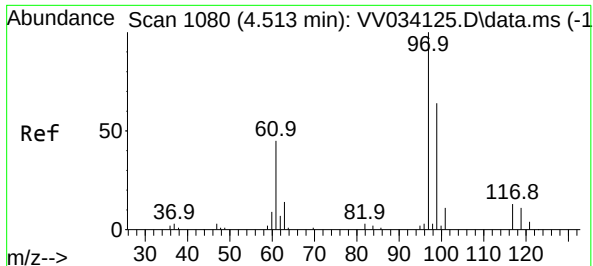
Tgt Ion: 83 Resp: 52234
Ion Ratio Lower Upper
83 100
85 64.3 47.5 88.1



#27
1,2-Dichloroethane
Concen: 5.431 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. 0.003 min
Lab File: VV034142.D
Acq: 12 Feb 2024 16:08

Tgt Ion: 62 Resp: 30988
Ion Ratio Lower Upper
62 100
98 8.9 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 5.260 ug/L

RT: 4.516 min Scan# 1101

Delta R.T. 0.003 min

Lab File: VV034142.D

Acq: 12 Feb 2024 16:08

Instrument :

MSVOA_V

ClientSampleId :

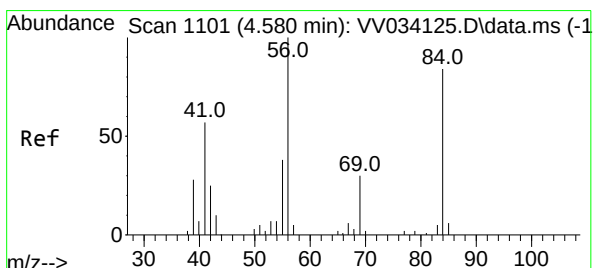
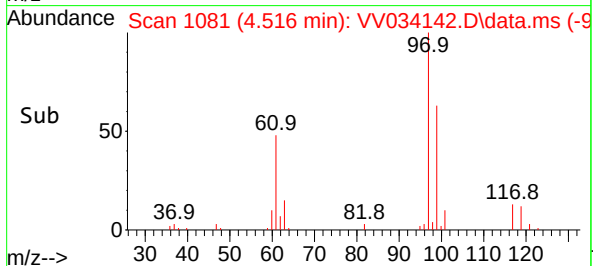
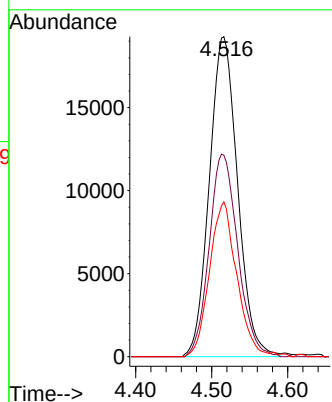
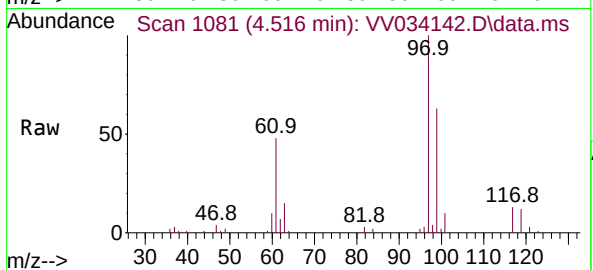
Tgt Ion: 97 Resp: 49758

Ion Ratio Lower Upper

97 100

99 64.1 50.6 75.8

61 46.5 36.8 55.2



#30

Cyclohexane

Concen: 4.507 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VV034142.D

Acq: 12 Feb 2024 16:08

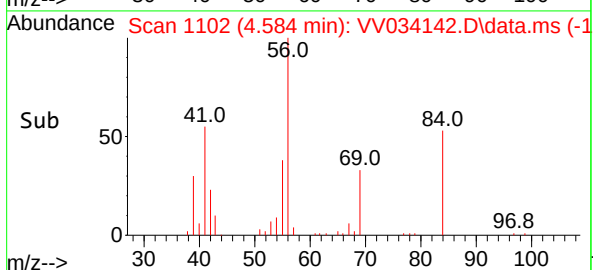
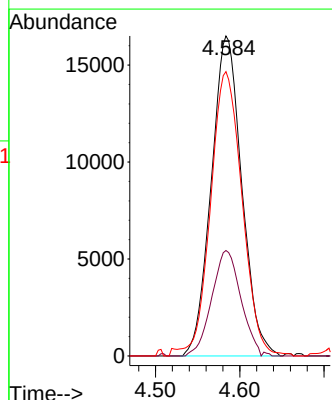
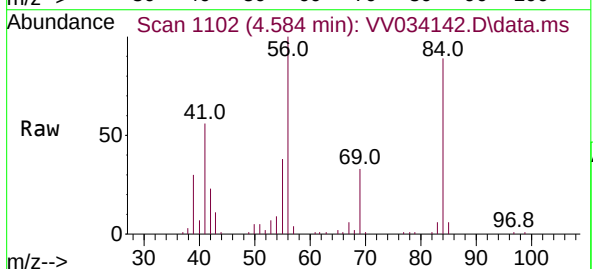
Tgt Ion: 56 Resp: 41463

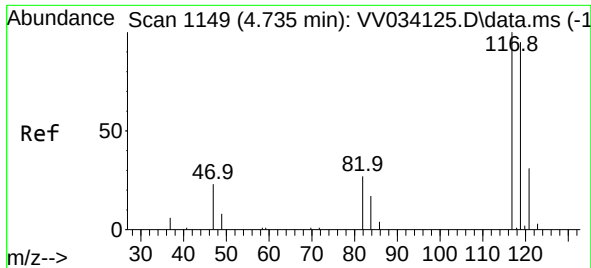
Ion Ratio Lower Upper

56 100

69 31.6 24.2 36.2

84 91.7 70.0 105.0

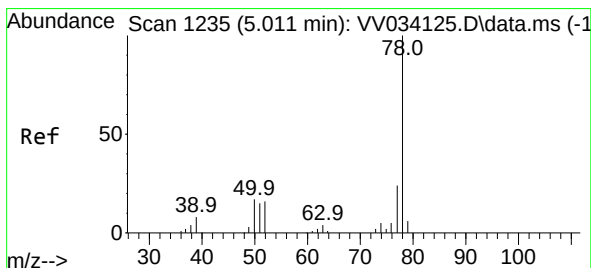
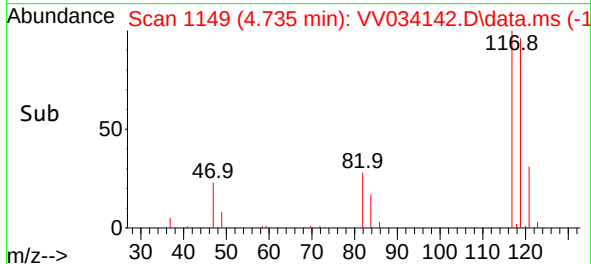
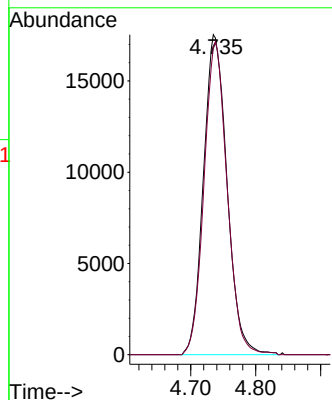
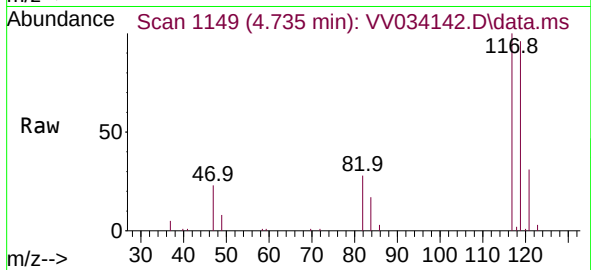




#31
Carbon tetrachloride
Concen: 5.352 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV034142.D
Acq: 12 Feb 2024 16:08

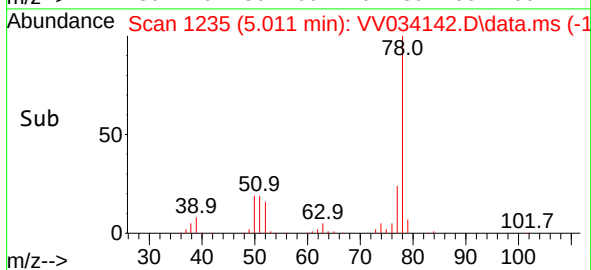
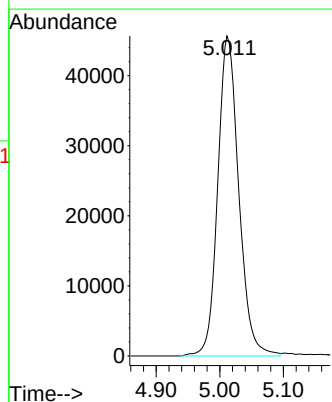
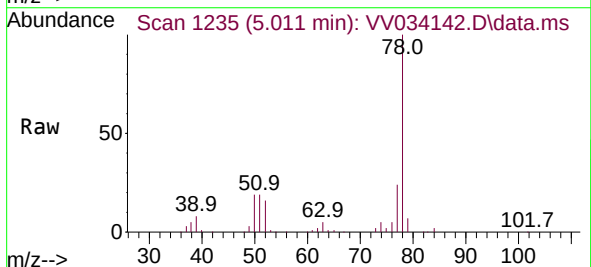
Instrument :
MSVOA_V
ClientSampleId :

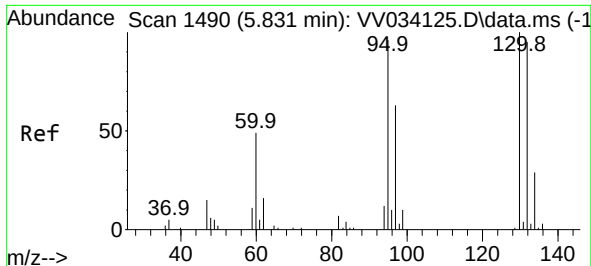
Tgt Ion:117 Resp: 44295
Ion Ratio Lower Upper
117 100
119 95.5 76.1 114.1



#33
Benzene
Concen: 4.955 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VV034142.D
Acq: 12 Feb 2024 16:08

Tgt Ion: 78 Resp: 104709

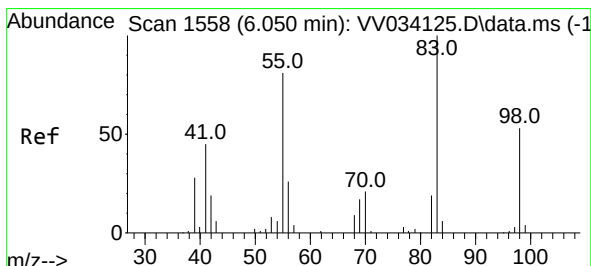
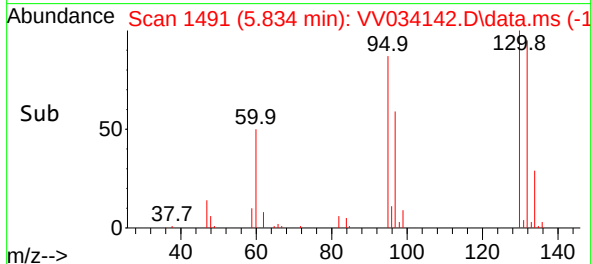
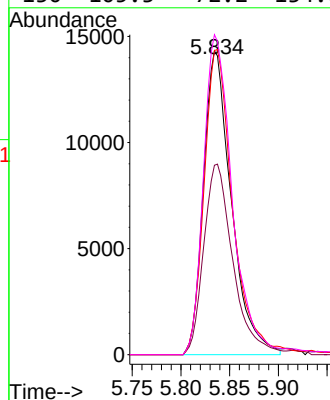
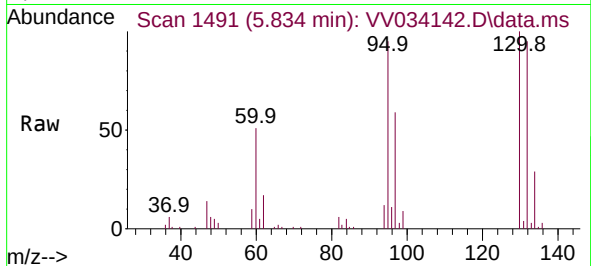




#34
Trichloroethene
Concen: 4.670 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV034142.D
Acq: 12 Feb 2024 16:08

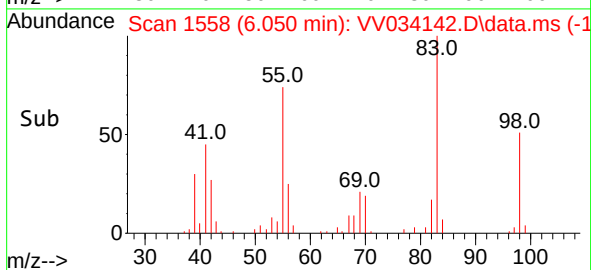
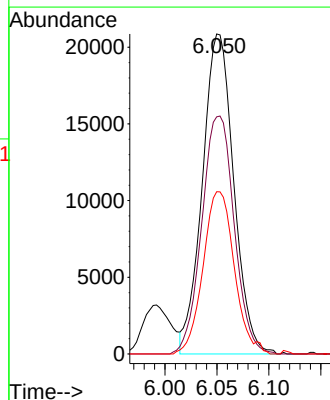
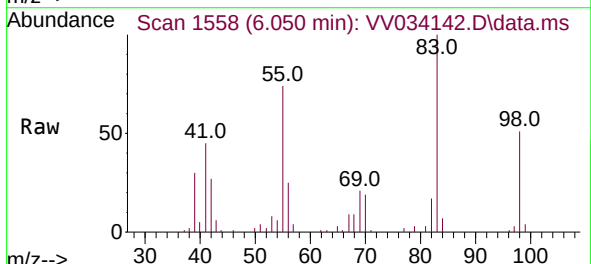
Instrument :
MSVOA_V
ClientSampleId :

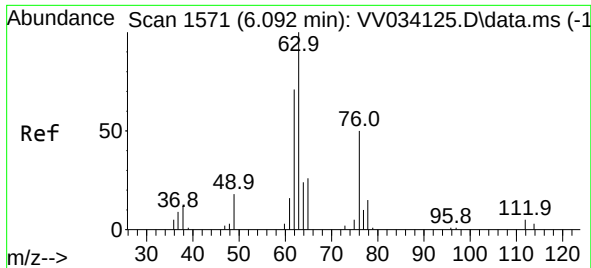
Tgt Ion: 95 Resp: 28564
Ion Ratio Lower Upper
95 100
97 62.4 45.1 83.7
132 100.1 66.0 122.6
130 105.3 72.2 134.0



#35
Methylcyclohexane
Concen: 4.570 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.000 min
Lab File: VV034142.D
Acq: 12 Feb 2024 16:08

Tgt Ion: 83 Resp: 43870
Ion Ratio Lower Upper
83 100
55 76.9 63.5 95.3
98 50.4 39.0 58.4

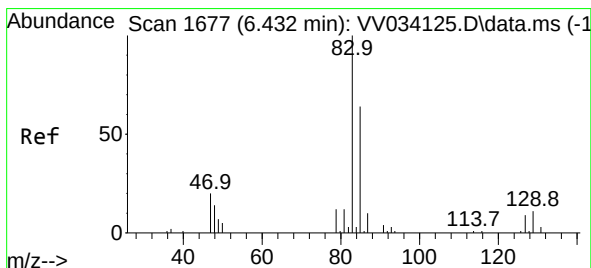
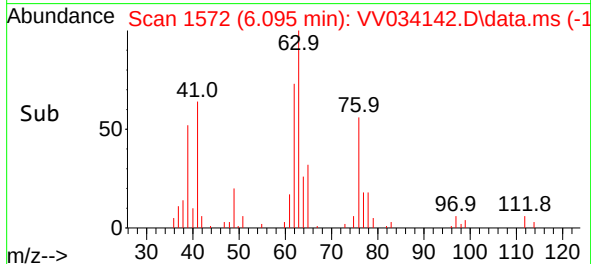
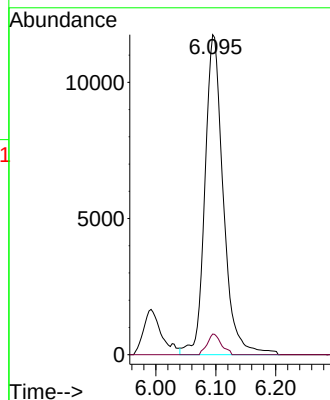
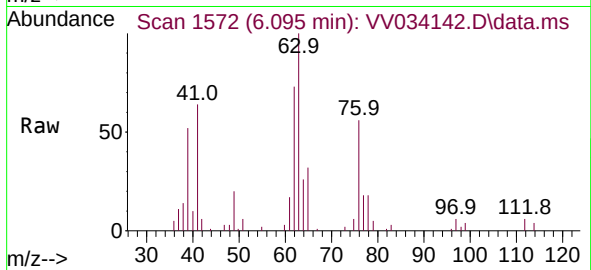




#37
1,2-Dichloropropane
Concen: 4.909 ug/L
RT: 6.095 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV034142.D
Acq: 12 Feb 2024 16:08

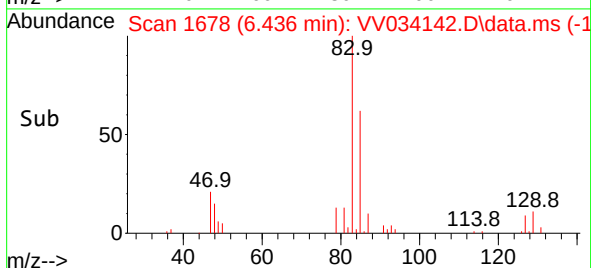
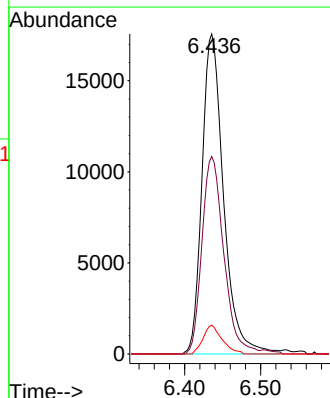
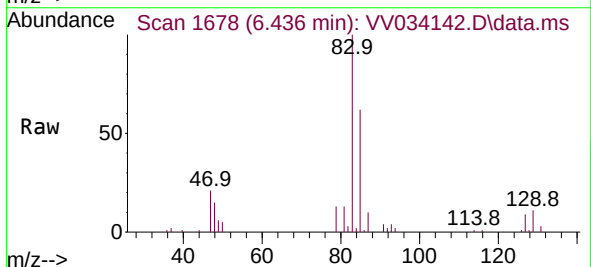
Instrument :
MSVOA_V
ClientSampleId :

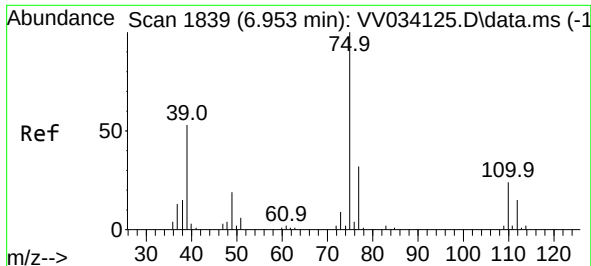
Tgt Ion: 63 Resp: 25129
Ion Ratio Lower Upper
63 100
112 4.9 3.4 5.0



#38
Bromodichloromethane
Concen: 5.153 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.003 min
Lab File: VV034142.D
Acq: 12 Feb 2024 16:08

Tgt Ion: 83 Resp: 34623
Ion Ratio Lower Upper
83 100
85 61.7 45.4 84.2
127 9.0 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.961 ug/L

RT: 6.956 min Scan# 1840

Delta R.T. 0.003 min

Lab File: VV034142.D

Acq: 12 Feb 2024 16:08

Instrument :

MSVOA_V

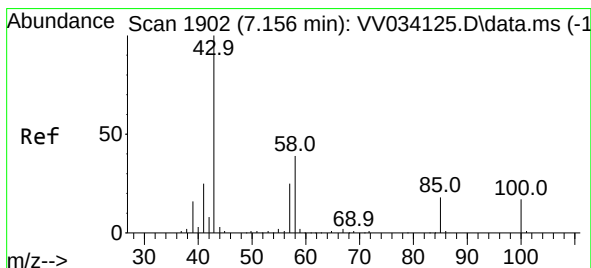
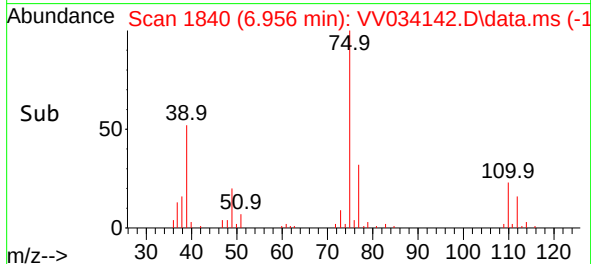
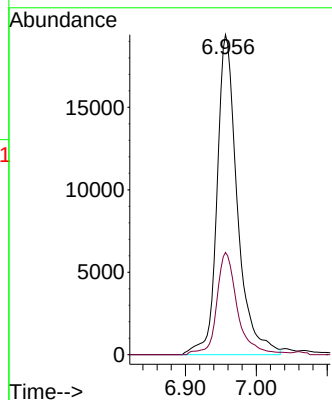
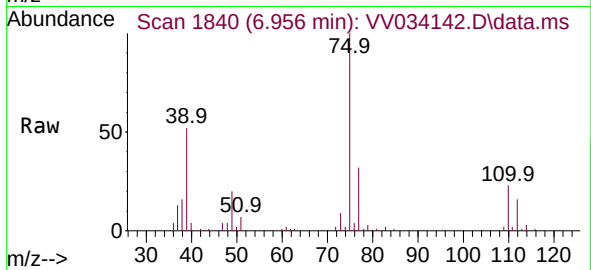
ClientSampleId :

Tgt Ion: 75 Resp: 38636

Ion Ratio Lower Upper

75 100

77 31.9 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 51.450 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.003 min

Lab File: VV034142.D

Acq: 12 Feb 2024 16:08

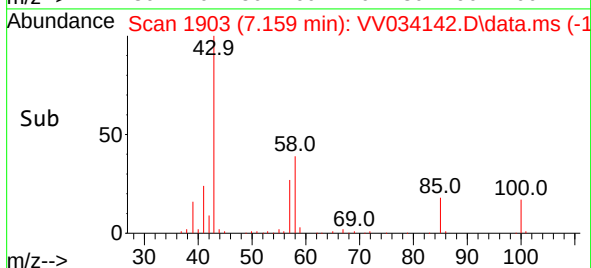
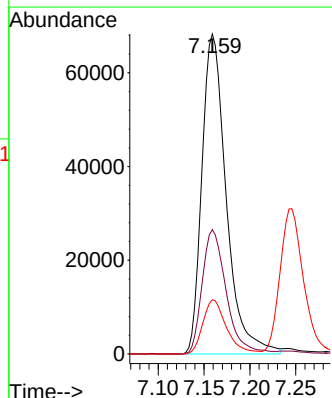
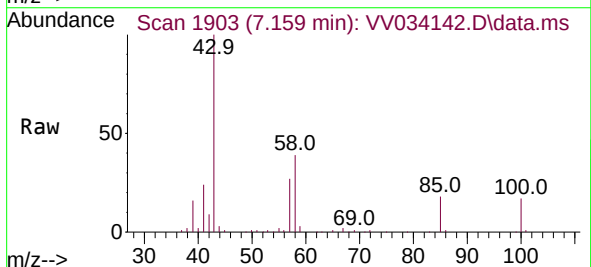
Tgt Ion: 43 Resp: 126115

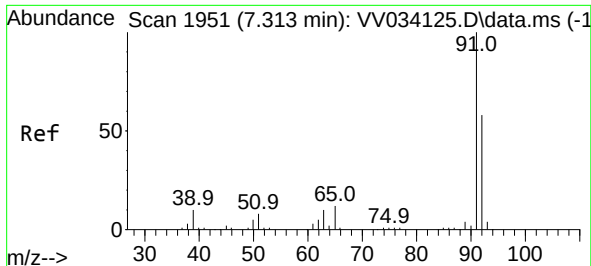
Ion Ratio Lower Upper

43 100

58 38.4 30.2 45.2

100 16.5 12.1 18.1





#42

Toluene

Concen: 5.041 ug/L

RT: 7.317 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV034142.D

Acq: 12 Feb 2024 16:08

Instrument :

MSVOA_V

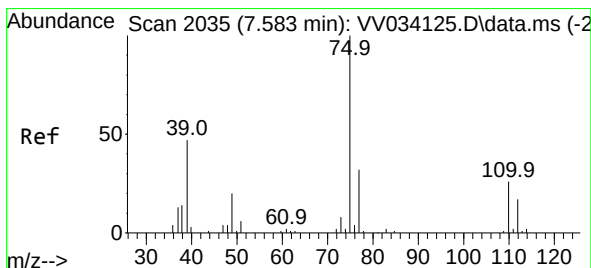
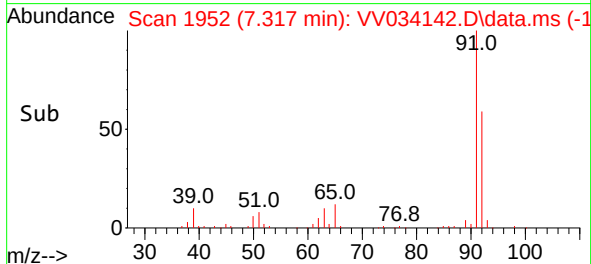
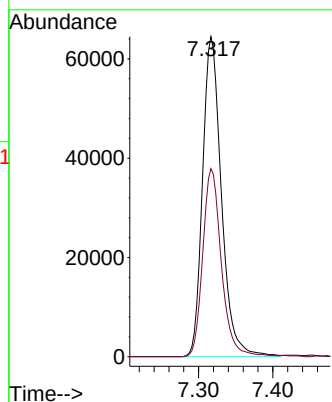
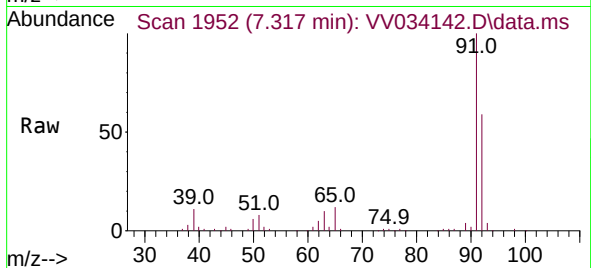
ClientSampleId :

Tgt Ion: 91 Resp: 113847

Ion Ratio Lower Upper

91 100

92 58.8 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 5.294 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV034142.D

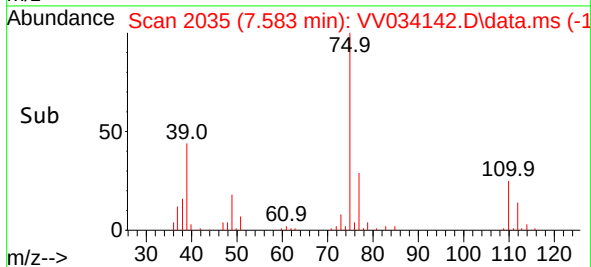
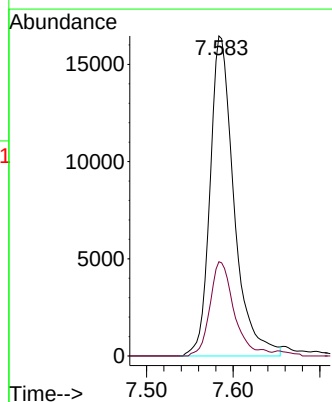
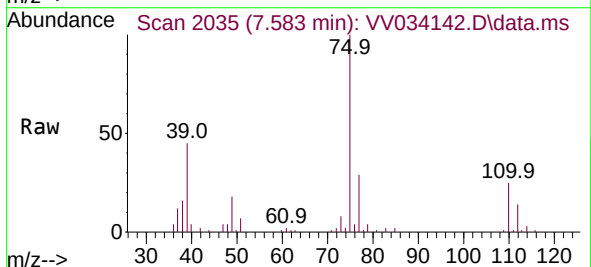
Acq: 12 Feb 2024 16:08

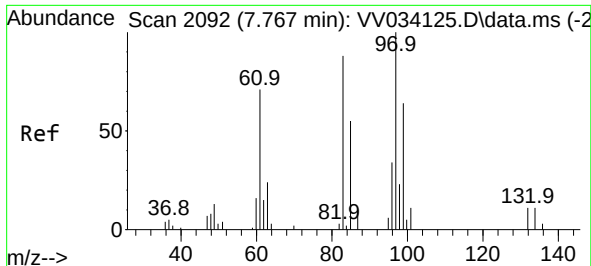
Tgt Ion: 75 Resp: 31658

Ion Ratio Lower Upper

75 100

77 29.4 22.2 41.2

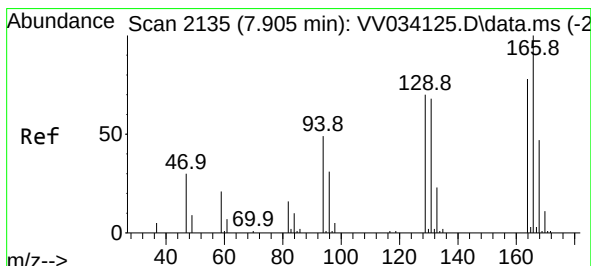
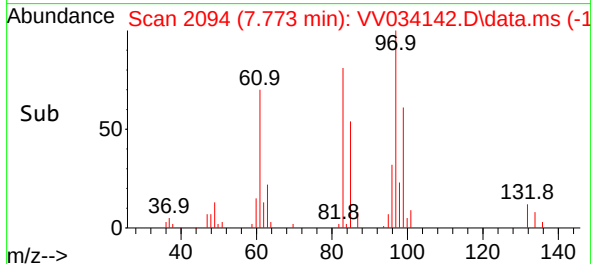
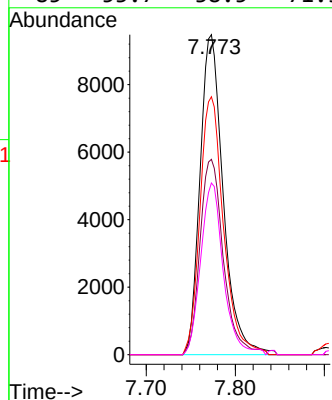
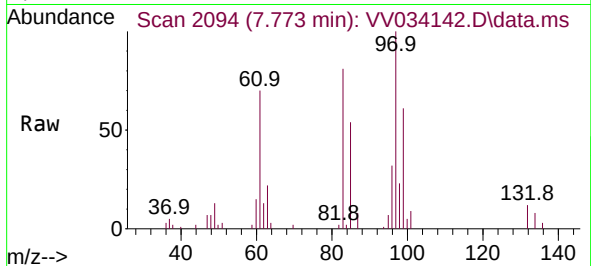




#45
1,1,2-Trichloroethane
Concen: 5.427 ug/L
RT: 7.773 min Scan# 2092
Delta R.T. 0.006 min
Lab File: VV034142.D
Acq: 12 Feb 2024 16:08

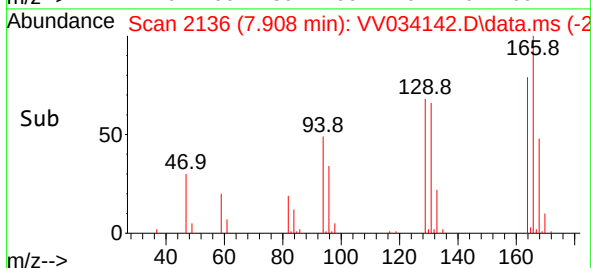
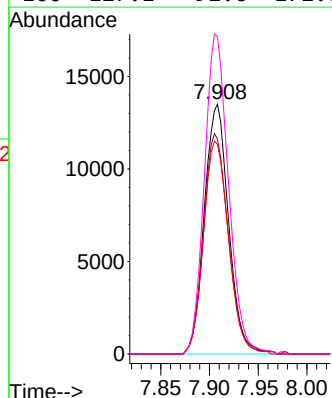
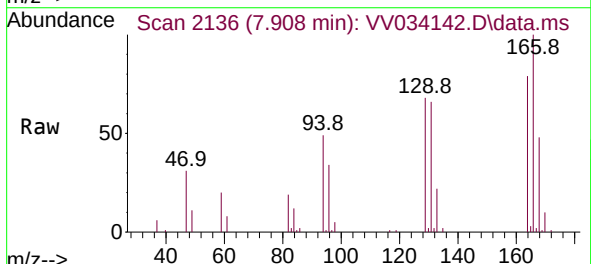
Instrument :
MSVOA_V
ClientSampleId :

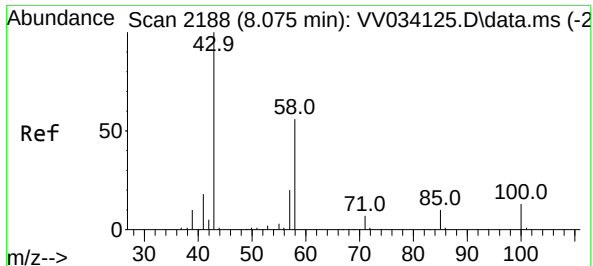
Tgt Ion: 97 Resp: 17154
Ion Ratio Lower Upper
97 100
99 61.0 45.6 84.6
83 80.6 62.3 115.7
85 53.7 38.5 71.5



#47
Tetrachloroethene
Concen: 4.717 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV034142.D
Acq: 12 Feb 2024 16:08

Tgt Ion: 164 Resp: 23441
Ion Ratio Lower Upper
164 100
129 86.0 67.8 125.8
131 83.9 63.0 117.0
166 127.1 92.6 172.0

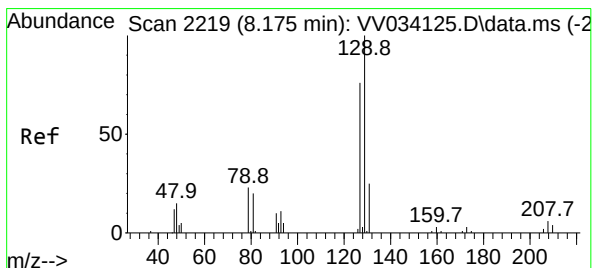
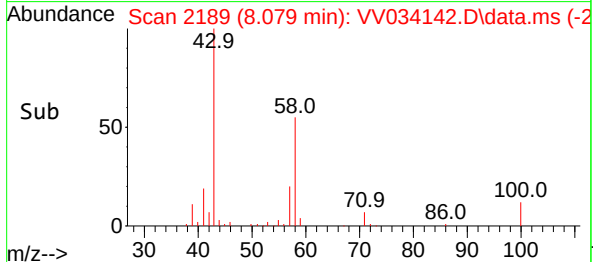
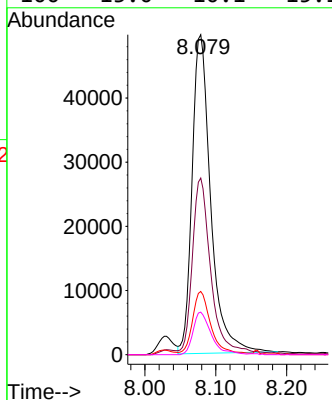
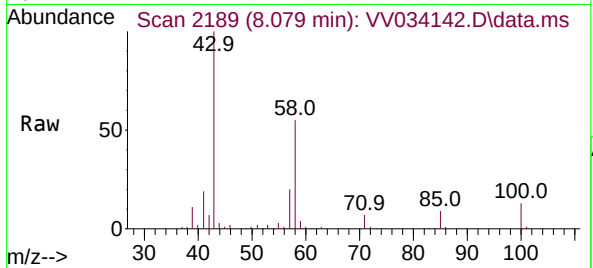




#48
2-Hexanone
Concen: 52.543 ug/L
RT: 8.079 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VV034142.D
Acq: 12 Feb 2024 16:08

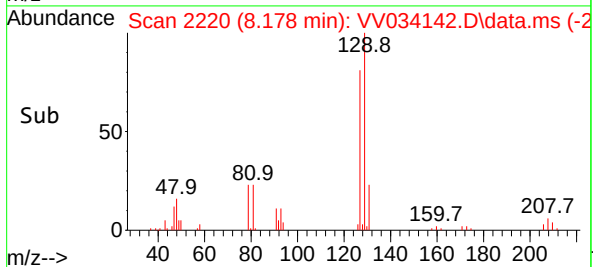
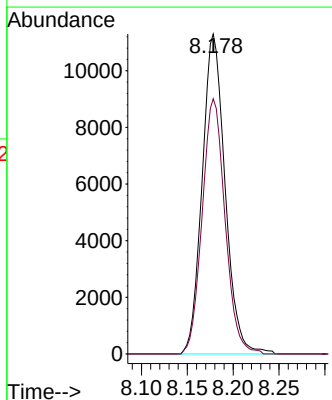
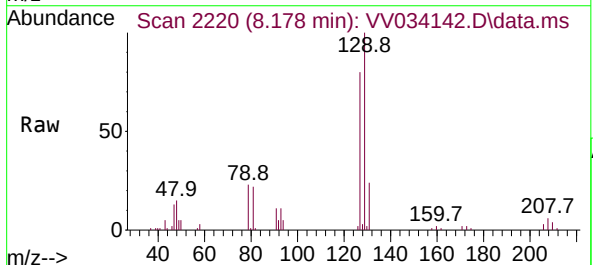
Instrument :
MSVOA_V
ClientSampleId :

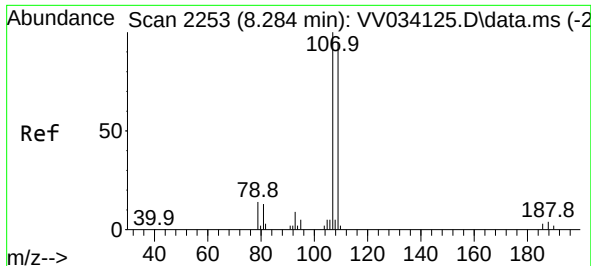
Tgt Ion: 43 Resp: 90786
Ion Ratio Lower Upper
43 100
58 53.7 42.6 64.0
57 18.7 15.5 23.3
100 13.0 10.1 15.1



#49
Dibromochloromethane
Concen: 5.229 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.003 min
Lab File: VV034142.D
Acq: 12 Feb 2024 16:08

Tgt Ion: 129 Resp: 19640
Ion Ratio Lower Upper
129 100
127 79.7 53.5 99.5





#50

1,2-Dibromoethane

Concen: 5.504 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.003 min

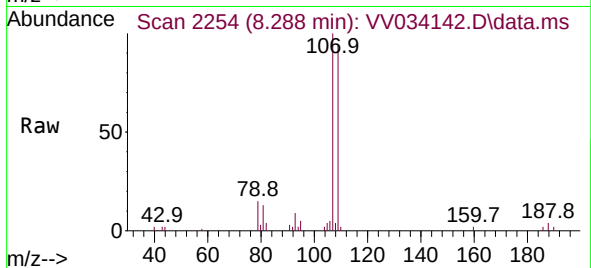
Lab File: VV034142.D

Acq: 12 Feb 2024 16:08

Instrument :

MSVOA_V

ClientSampleId :



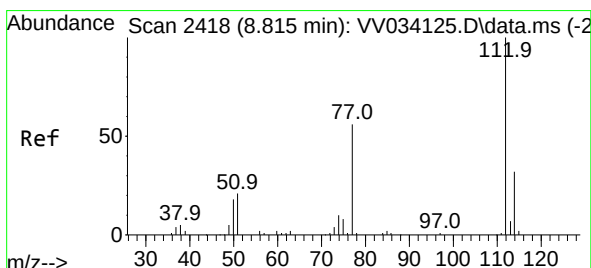
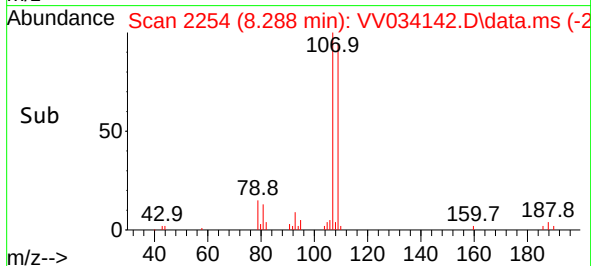
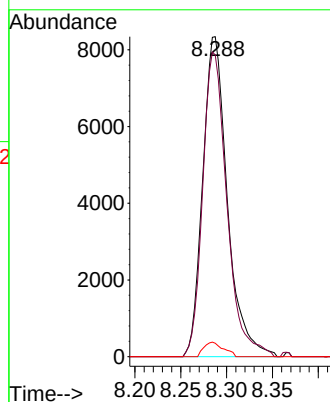
Tgt Ion:107 Resp: 15616

Ion Ratio Lower Upper

107 100

109 94.3 64.5 119.9

188 4.2 2.6 4.0#



#51

Chlorobenzene

Concen: 5.111 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.000 min

Lab File: VV034142.D

Acq: 12 Feb 2024 16:08

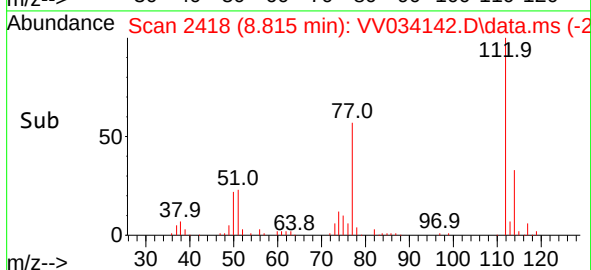
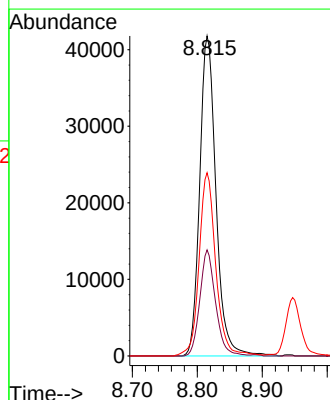
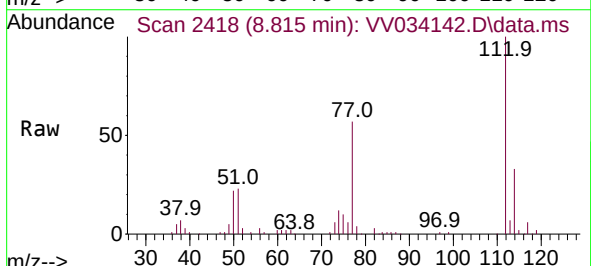
Tgt Ion:112 Resp: 72986

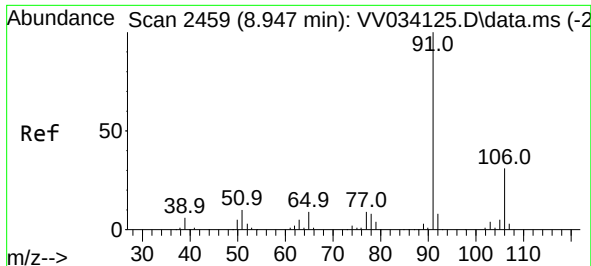
Ion Ratio Lower Upper

112 100

114 33.1 22.5 41.7

77 57.3 48.1 72.1





#52

Ethylbenzene

Concen: 5.107 ug/L

RT: 8.947 min Scan# 2459

Delta R.T. 0.000 min

Lab File: VV034142.D

Acq: 12 Feb 2024 16:08

Instrument :

MSVOA_V

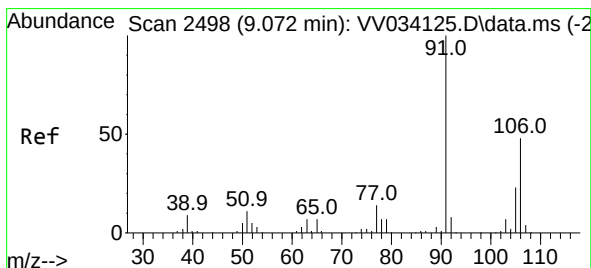
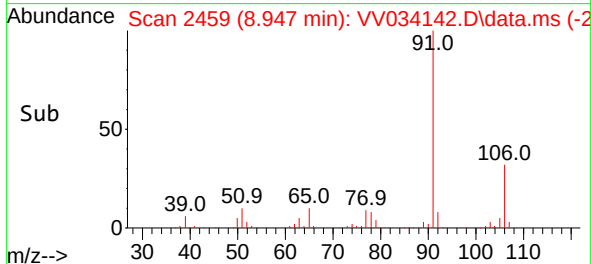
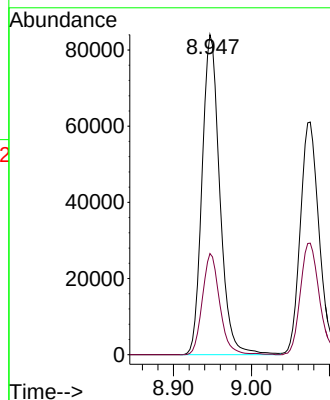
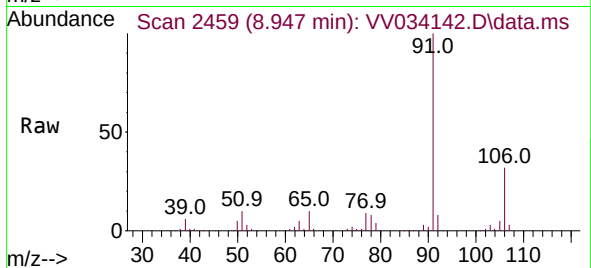
ClientSampleId :

Tgt Ion: 91 Resp: 132760

Ion Ratio Lower Upper

91 100

106 31.6 21.4 39.8



#53

m,p-Xylene

Concen: 5.095 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. 0.003 min

Lab File: VV034142.D

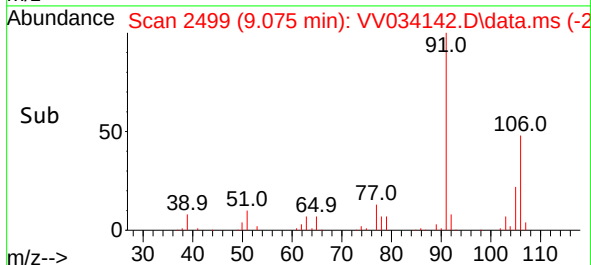
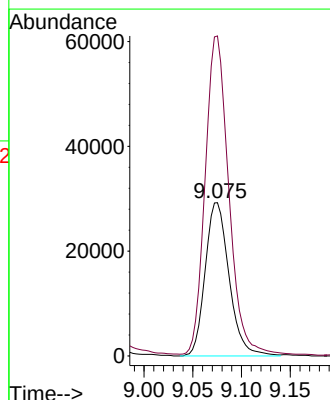
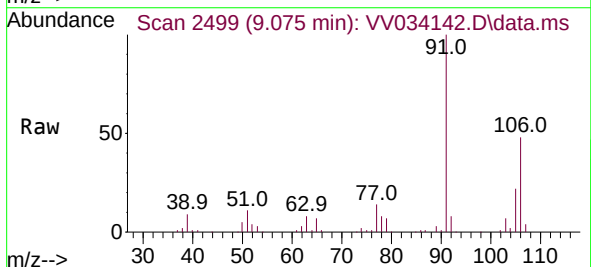
Acq: 12 Feb 2024 16:08

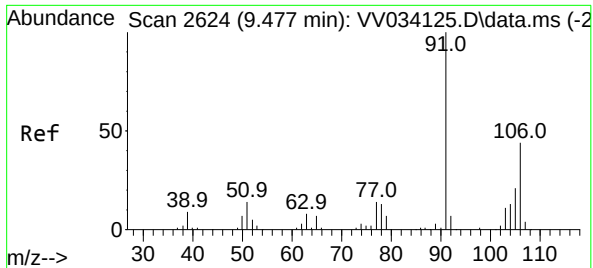
Tgt Ion:106 Resp: 50056

Ion Ratio Lower Upper

106 100

91 208.7 147.5 273.9

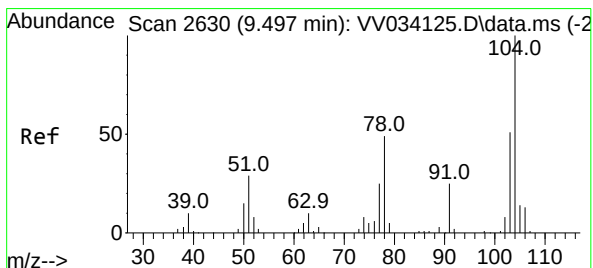
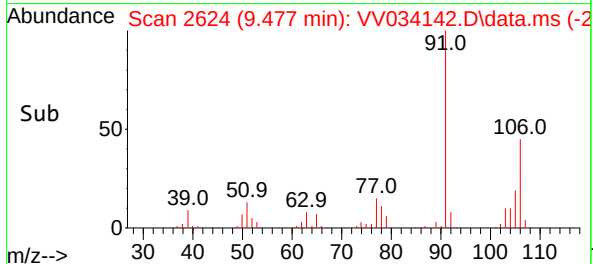
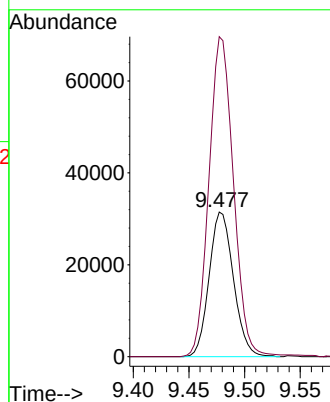
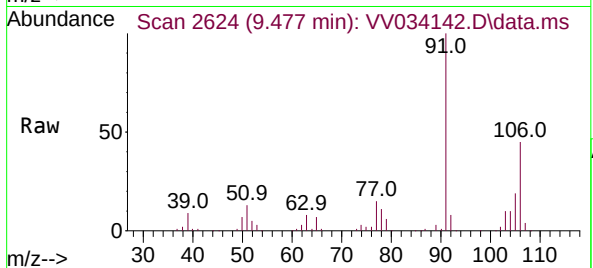




#54
o-Xylene
Concen: 5.051 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV034142.D
Acq: 12 Feb 2024 16:08

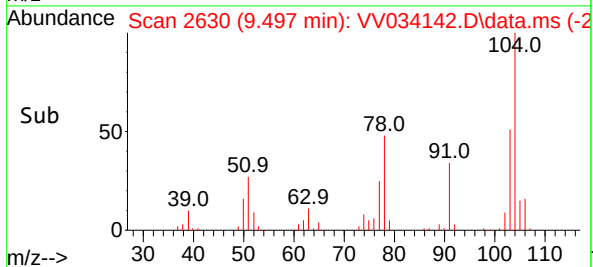
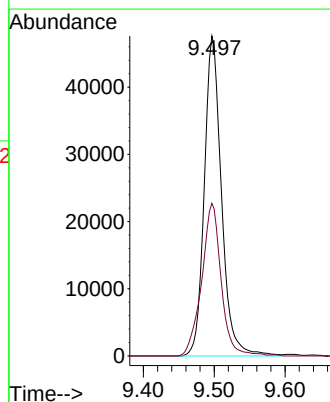
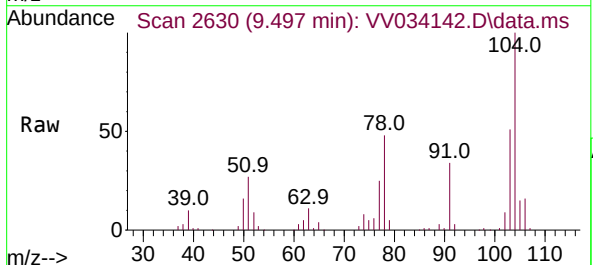
Instrument :
MSVOA_V
ClientSampleId :

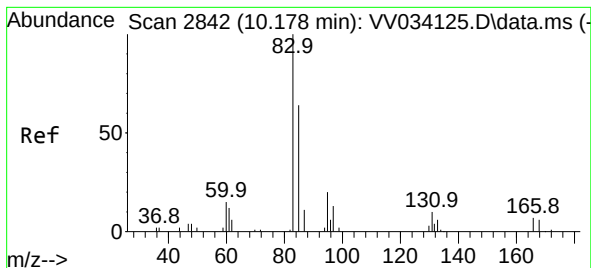
Tgt Ion:106 Resp: 47848
Ion Ratio Lower Upper
106 100
91 221.2 156.2 290.0



#55
Styrene
Concen: 5.293 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV034142.D
Acq: 12 Feb 2024 16:08

Tgt Ion:104 Resp: 80282
Ion Ratio Lower Upper
104 100
78 47.7 32.9 61.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.197 ug/L

RT: 10.181 min Scan# 2843

Delta R.T. 0.003 min

Lab File: VV034142.D

Acq: 12 Feb 2024 16:08

Instrument :

MSVOA_V

ClientSampleId :

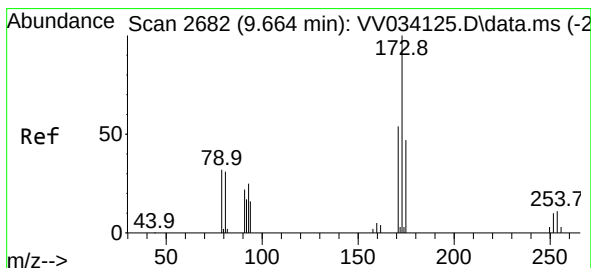
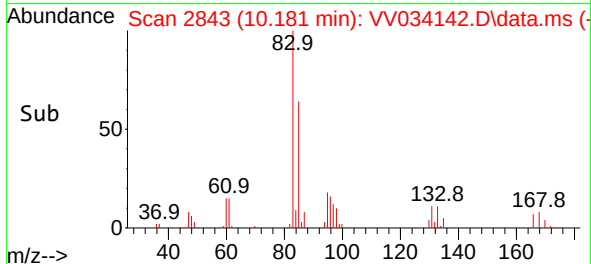
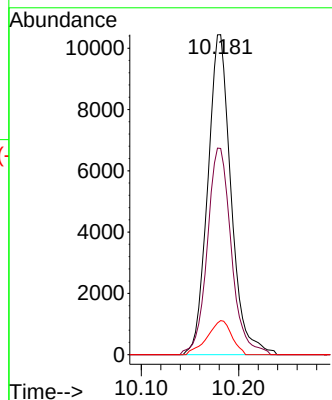
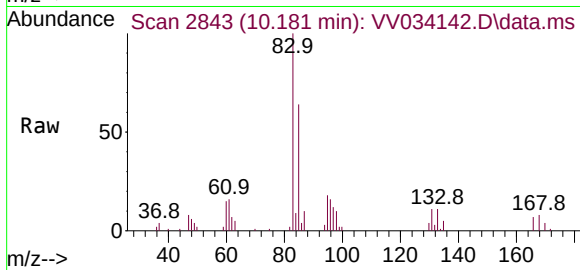
Tgt Ion: 83 Resp: 17339

Ion Ratio Lower Upper

83 100

85 64.4 46.5 86.3

131 10.6 8.4 12.6



#59

Bromoform

Concen: 4.805 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. 0.003 min

Lab File: VV034142.D

Acq: 12 Feb 2024 16:08

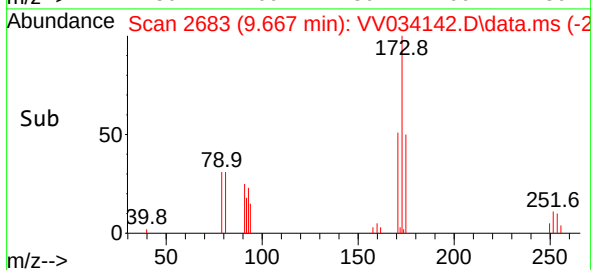
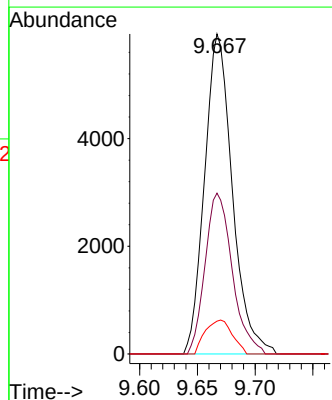
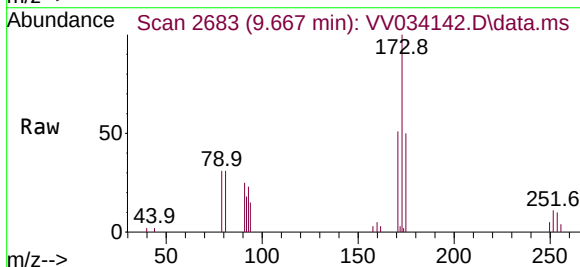
Tgt Ion: 173 Resp: 9940

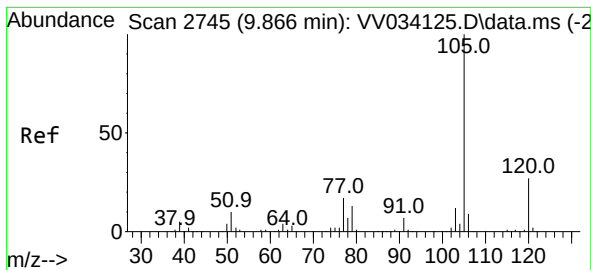
Ion Ratio Lower Upper

173 100

175 49.1 38.6 57.8

254 10.3 7.2 10.8





#60

Isopropylbenzene

Concen: 4.816 ug/L

RT: 9.866 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV034142.D

Acq: 12 Feb 2024 16:08

Instrument :

MSVOA_V

ClientSampleId :

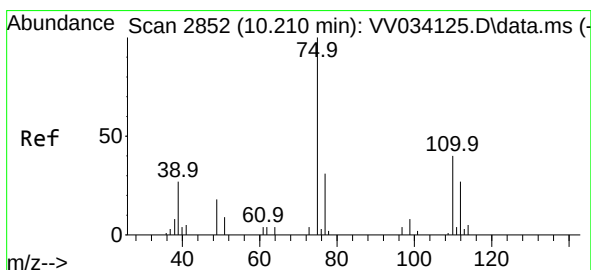
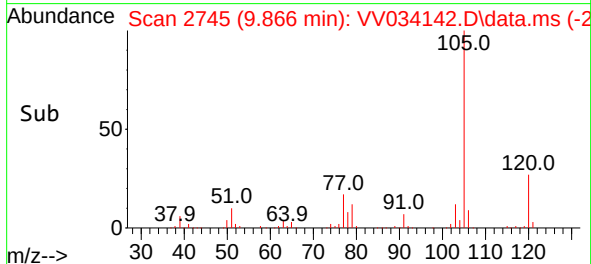
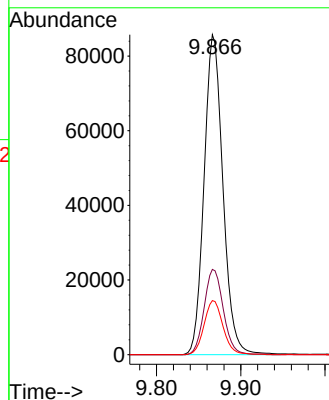
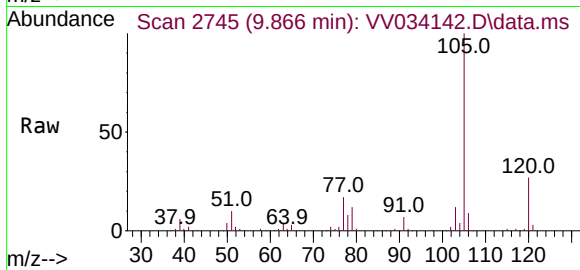
Tgt Ion:105 Resp: 133819

Ion Ratio Lower Upper

105 100

120 27.0 20.7 31.1

77 17.0 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 4.860 ug/L

RT: 10.210 min Scan# 2852

Delta R.T. 0.000 min

Lab File: VV034142.D

Acq: 12 Feb 2024 16:08

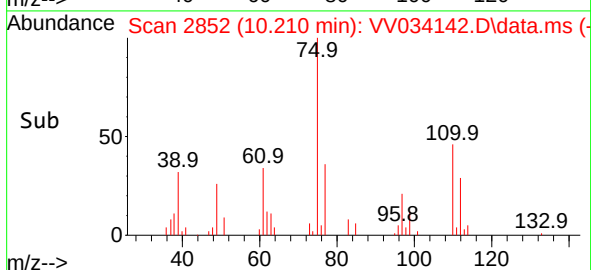
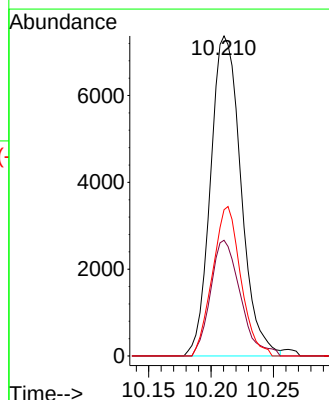
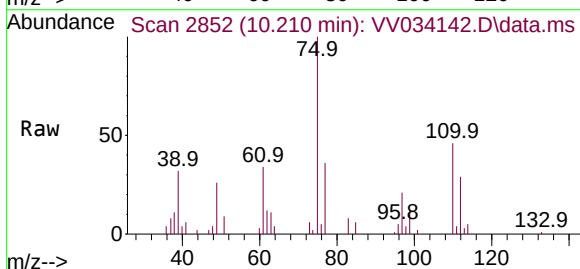
Tgt Ion: 75 Resp: 12546

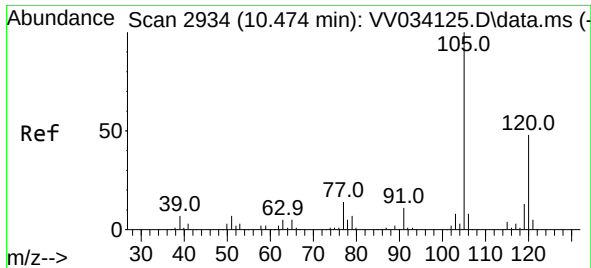
Ion Ratio Lower Upper

75 100

77 35.4 26.9 40.3

110 43.2 33.3 49.9

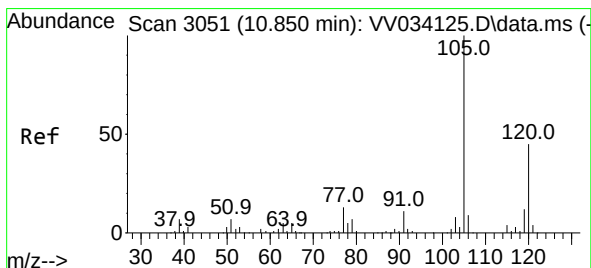
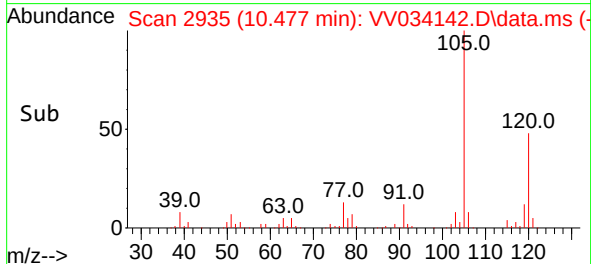
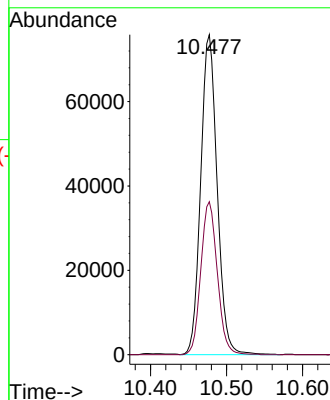
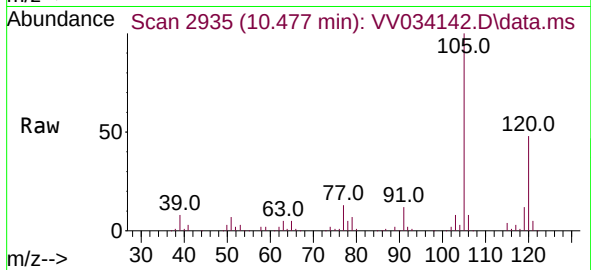




#62
1,3,5-Trimethylbenzene
Concen: 4.851 ug/L
RT: 10.477 min Scan# 2934
Delta R.T. 0.003 min
Lab File: VV034142.D
Acq: 12 Feb 2024 16:08

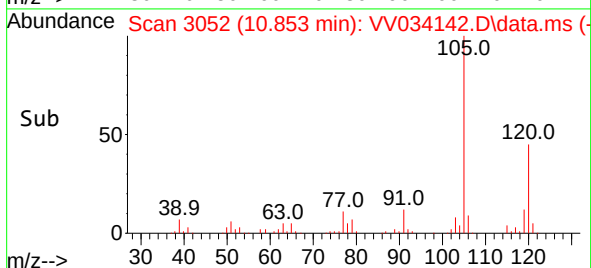
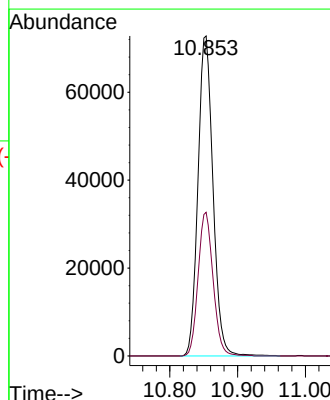
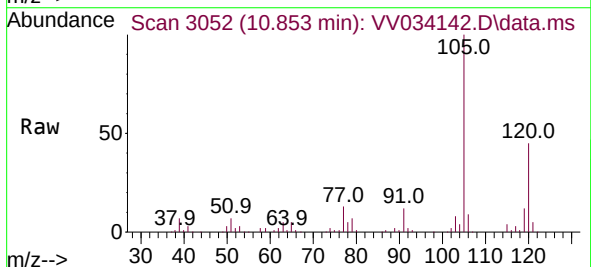
Instrument :
MSVOA_V
ClientSampleId :

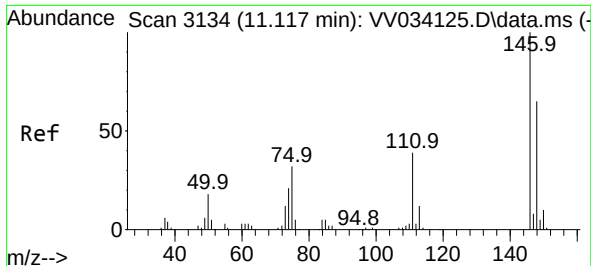
Tgt Ion:105 Resp: 113946
Ion Ratio Lower Upper
105 100
120 47.8 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 4.903 ug/L
RT: 10.853 min Scan# 3052
Delta R.T. 0.003 min
Lab File: VV034142.D
Acq: 12 Feb 2024 16:08

Tgt Ion:105 Resp: 111897
Ion Ratio Lower Upper
105 100
120 44.8 36.2 54.2

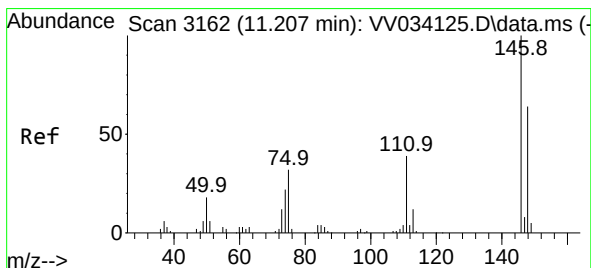
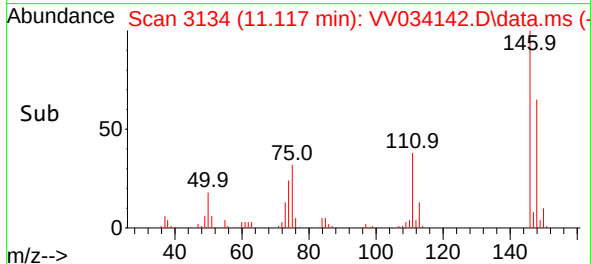
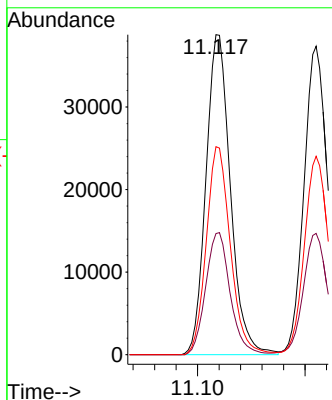
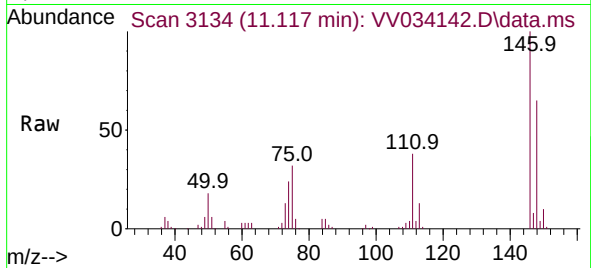




#64
1,3-Dichlorobenzene
Concen: 5.058 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV034142.D
Acq: 12 Feb 2024 16:08

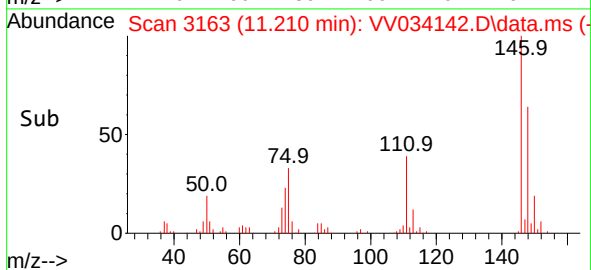
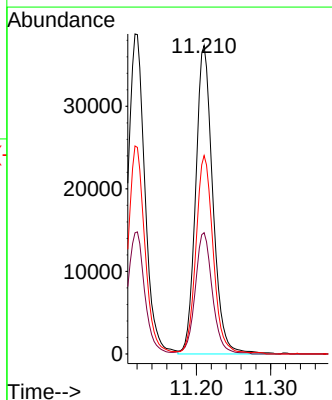
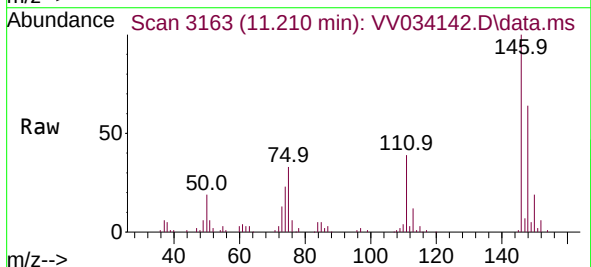
Instrument :
MSVOA_V
ClientSampleId :

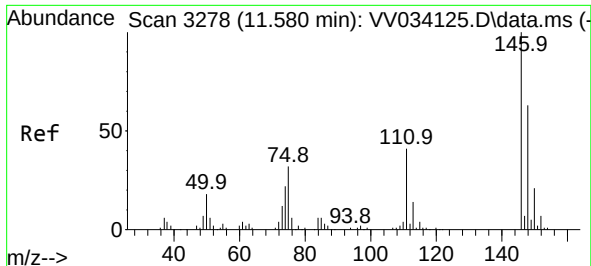
Tgt Ion:146 Resp: 61277
Ion Ratio Lower Upper
146 100
111 37.9 28.5 52.9
148 65.0 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.000 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV034142.D
Acq: 12 Feb 2024 16:08

Tgt Ion:146 Resp: 59986
Ion Ratio Lower Upper
146 100
111 39.3 27.6 51.4
148 64.3 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.130 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

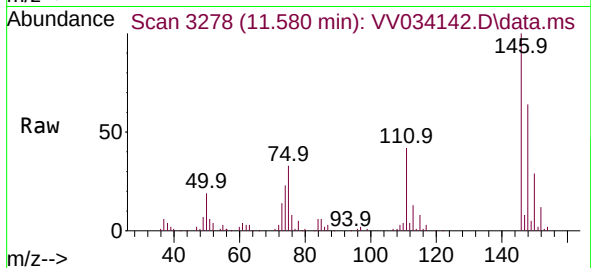
Lab File: VV034142.D

Acq: 12 Feb 2024 16:08

Instrument :

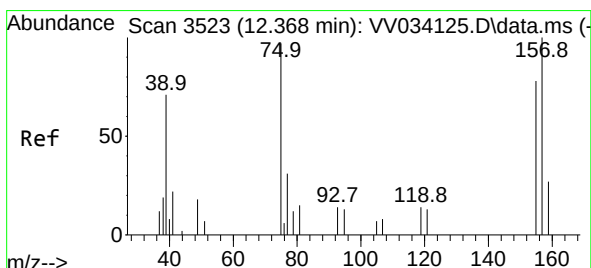
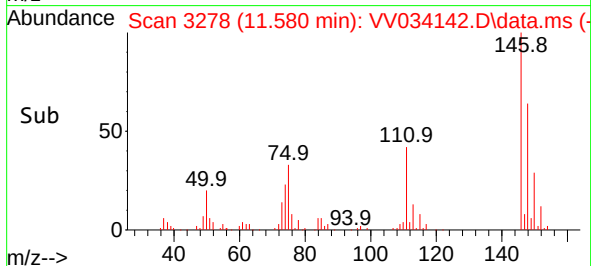
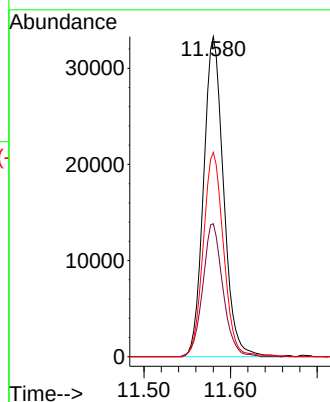
MSVOA_V

ClientSampleId :



Tgt Ion:146 Resp: 53381

Ion	Ratio	Lower	Upper
146	100		
111	41.5	31.2	46.8
148	63.8	49.8	74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.231 ug/L

RT: 12.368 min Scan# 3523

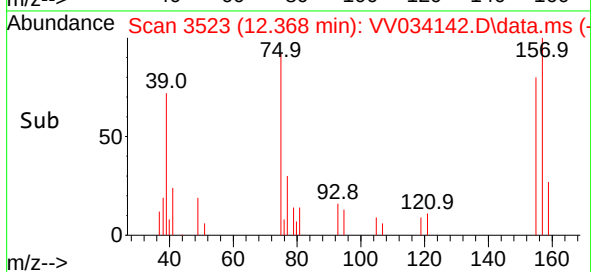
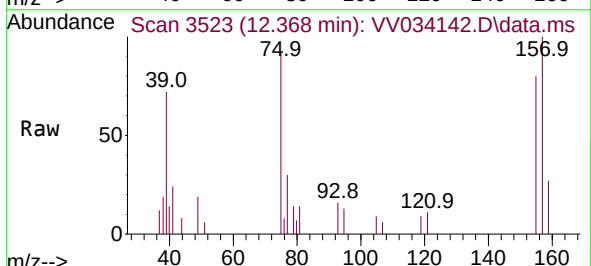
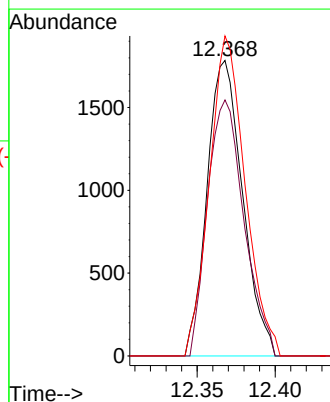
Delta R.T. 0.000 min

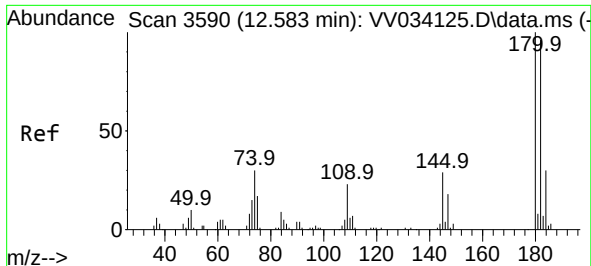
Lab File: VV034142.D

Acq: 12 Feb 2024 16:08

Tgt Ion: 75 Resp: 2830

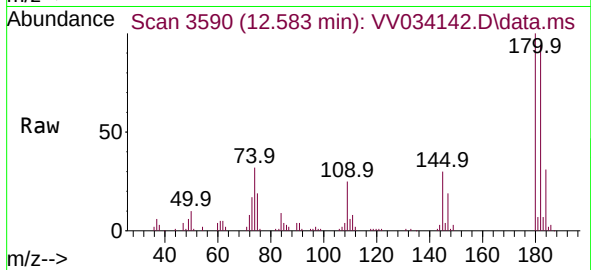
Ion	Ratio	Lower	Upper
75	100		
155	86.7	68.9	103.3
157	108.3	84.6	127.0



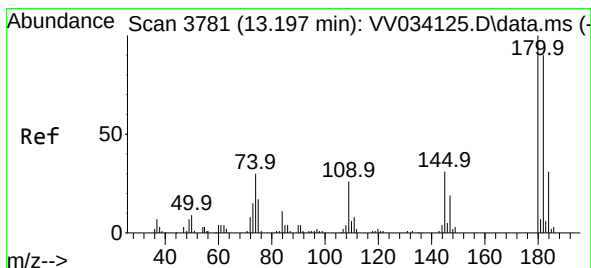
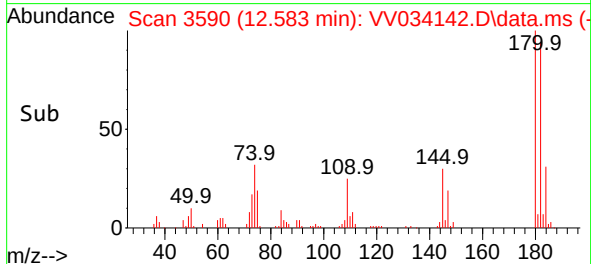
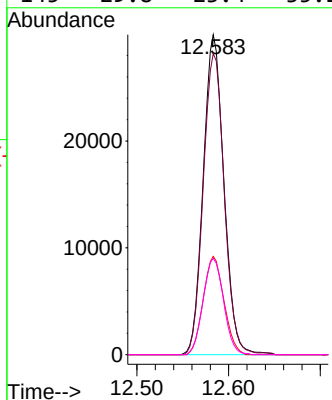


#69
 1,3,5-Trichlorobenzene
 Concen: 5.001 ug/L
 RT: 12.583 min Scan# 3590
 Delta R.T. 0.000 min
 Lab File: VV034142.D
 Acq: 12 Feb 2024 16:08

Instrument :
 MSVOA_V
 ClientSampleId :

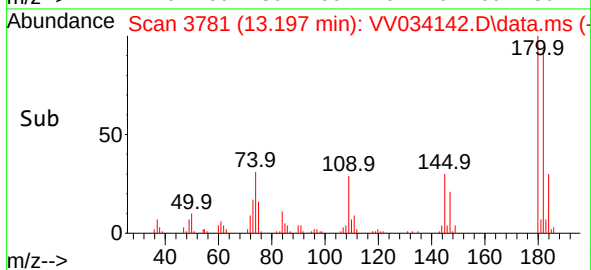
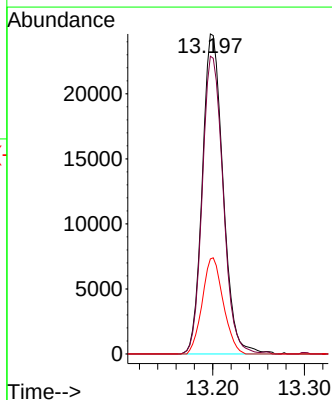
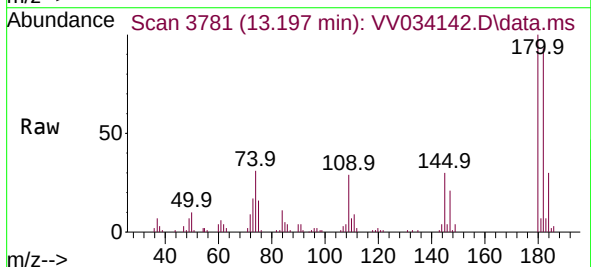


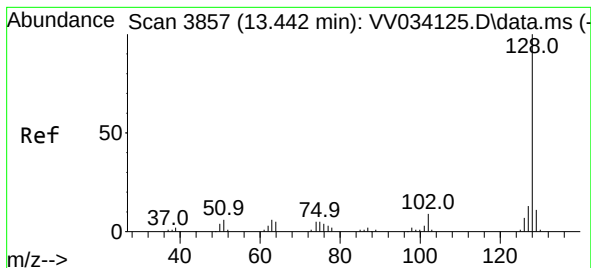
Tgt Ion:180	Resp:	46886
Ion Ratio	Lower	Upper
180	100	
182	95.6	77.0 115.4
184	30.7	23.8 35.6
145	29.8	23.4 35.2



#70
 1,2,4-trichlorobenzene
 Concen: 5.287 ug/L
 RT: 13.197 min Scan# 3781
 Delta R.T. 0.000 min
 Lab File: VV034142.D
 Acq: 12 Feb 2024 16:08

Tgt Ion:180	Resp:	38695
Ion Ratio	Lower	Upper
180	100	
182	93.3	76.8 115.2
145	30.3	24.8 37.2





#71

Naphthalene

Concen: 5.701 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. -0.003 min

Lab File: VV034142.D

Acq: 12 Feb 2024 16:08

Instrument :

MSVOA_V

ClientSampleId :

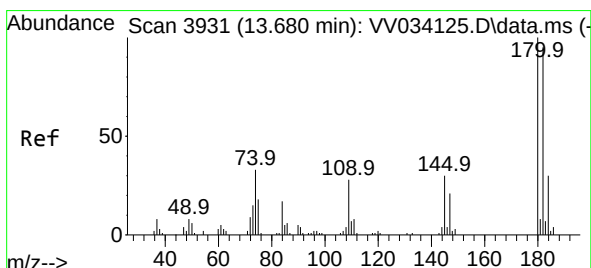
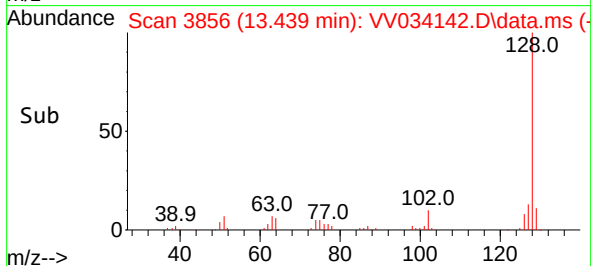
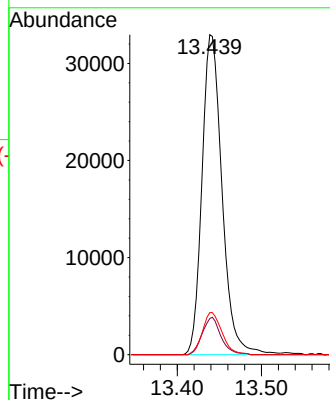
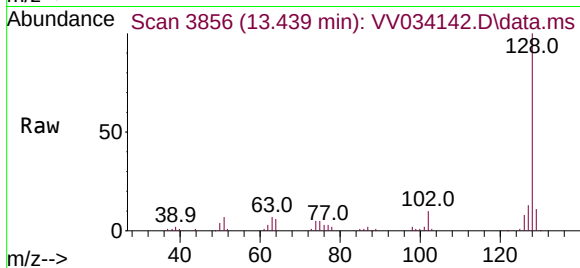
Tgt Ion:128 Resp: 54679

Ion Ratio Lower Upper

128 100

129 10.8 8.5 12.7

127 12.9 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.457 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV034142.D

Acq: 12 Feb 2024 16:08

Tgt Ion:180 Resp: 32002

Ion Ratio Lower Upper

180 100

182 95.0 75.0 112.6

145 31.0 25.2 37.8

