

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020524\
 Data File : VW034000.D
 Acq On : 05 Feb 2024 20:02
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 06 05:18:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 06 05:11:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	93636	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	87938	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	45768	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	25640	3.536	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.536	69	25769	4.057	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.060	65	14956	4.276	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	3.809	46	60365	49.564	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.120%
24) Chloroform-d	4.252	84	60313	4.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	4.947	65	28817	4.679	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	4.963	84	113196	4.290	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	5.992	67	32269	4.375	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.246	98	106142	4.377	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	7.558	79	12198	4.380	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.027	63	53215	53.530	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.060%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	21807	4.877	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	37740	4.534	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	42108	4.907	ug/L	99
3) Chloromethane	1.217	50	31789	3.396	ug/L	99
5) Vinyl chloride	1.285	62	38125	4.263	ug/L	91
6) Bromomethane	1.490	94	17854	3.791	ug/L	99
8) Chloroethane	1.552	64	26368	4.322	ug/L	99
9) Trichlorofluoromethane	1.716	101	64535	5.007	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	33869	5.027	ug/L	99
12) 1,1-Dichloroethene	2.072	96	36558	5.589	ug/L	91
13) Acetone	2.137	43	44103	47.731	ug/L #	33
14) Carbon disulfide	2.243	76	94021	4.442	ug/L	99
15) Methyl Acetate	2.388	43	10670	4.879	ug/L	96
16) Methylene chloride	2.449	84	32071	5.110	ug/L	99
17) Methyl tert-butyl Ether	2.709	73	70288	5.230	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	32536	4.883	ug/L	96
19) 1,1-Dichloroethane	3.114	63	62299	5.089	ug/L	94
21) 2-Butanone	3.896	43	65275	53.459	ug/L #	54
22) cis-1,2-Dichloroethene	3.818	96	35058	4.638	ug/L	98
23) Bromochloromethane	4.153	128	14141	5.381	ug/L	95
25) Chloroform	4.281	83	64046	5.175	ug/L	99

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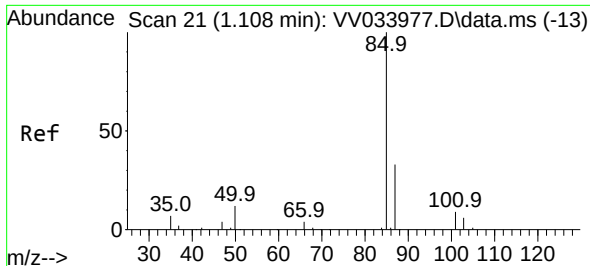
Quant Time: Feb 06 05:18:20 2024
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	39492	5.573	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	117143	9.922	ug/L	100
30) Cyclohexane	4.587	56	53781	4.684	ug/L	97
31) Carbon tetrachloride	4.738	117	50866	4.924	ug/L	98
33) Benzene	5.014	78	131541	4.987	ug/L	100
34) Trichloroethene	5.838	95	36357	4.763	ug/L	97
35) Methylcyclohexane	6.053	83	56668	4.729	ug/L	97
37) 1,2-Dichloropropane	6.095	63	31804	4.978	ug/L	100
38) Bromodichloromethane	6.436	83	43254	5.157	ug/L	100
39) cis-1,3-Dichloropropene	6.957	75	48341	4.973	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	174204	56.940	ug/L	99
42) Toluene	7.317	91	143845	5.103	ug/L	95
44) trans-1,3-Dichloropropene	7.583	75	37722	5.054	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	21233	5.382	ug/L	98
47) Tetrachloroethene	7.908	164	27584	4.447	ug/L	99
48) 2-Hexanone	8.079	43	118966	55.165	ug/L	100
49) Dibromochloromethane	8.178	129	24992	5.331	ug/L	97
50) 1,2-Dibromoethane	8.284	107	19262	5.440	ug/L	98
51) Chlorobenzene	8.815	112	91732	5.147	ug/L	98
52) Ethylbenzene	8.947	91	165545	5.102	ug/L	98
53) m,p-Xylene	9.072	106	61472	5.013	ug/L	96
54) o-Xylene	9.477	106	60493	5.116	ug/L	100
55) Styrene	9.497	104	100075	5.286	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	23324	5.602	ug/L	96
59) Bromoform	9.667	173	13239	5.251	ug/L	100
60) Isopropylbenzene	9.866	105	167089	4.934	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	16715	5.312	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	139597	4.876	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	140693	5.058	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	74679	5.057	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	73336	5.016	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	65619	5.174	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.365	75	3704	5.617	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	56365	4.932	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	45870	5.142	ug/L	98
71) Naphthalene	13.442	128	68055	5.822	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	38405	5.373	ug/L	99

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

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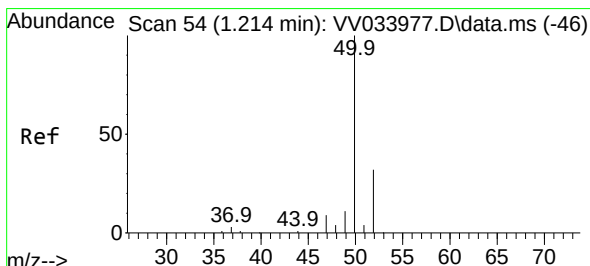
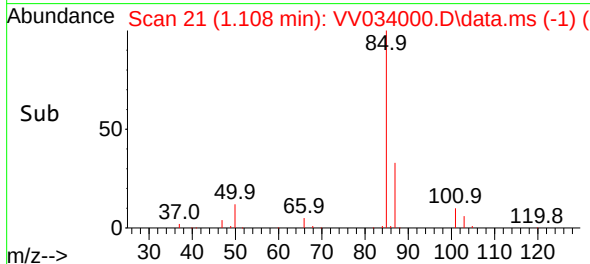
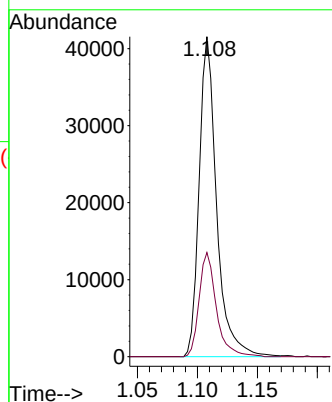
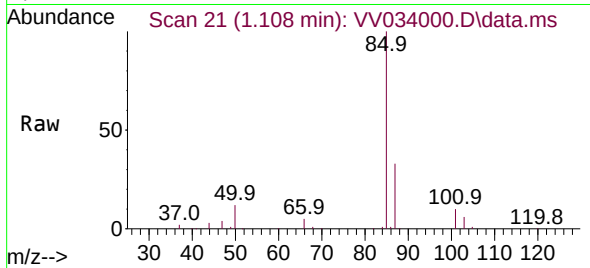




#2
 Dichlorodifluoromethane
 Concen: 4.907 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV034000.D
 Acq: 05 Feb 2024 20:02

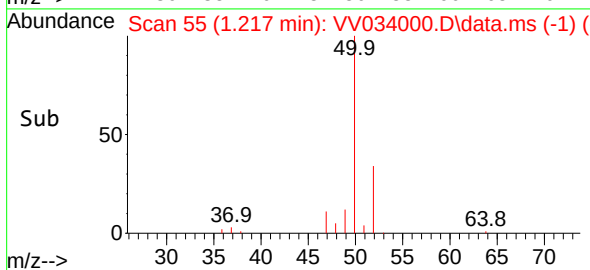
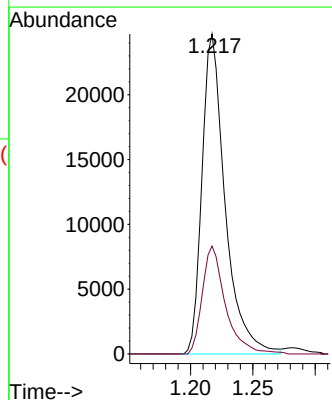
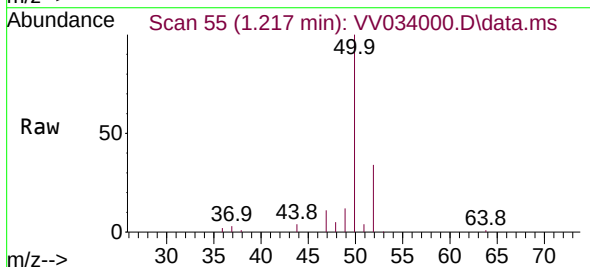
Instrument :
 MSVOA_V
 ClientSampleId :

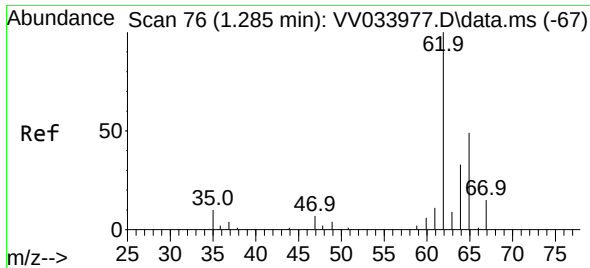
Tgt Ion: 85 Resp: 42108
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.2 39.4



#3
 Chloromethane
 Concen: 3.396 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.003 min
 Lab File: VV034000.D
 Acq: 05 Feb 2024 20:02

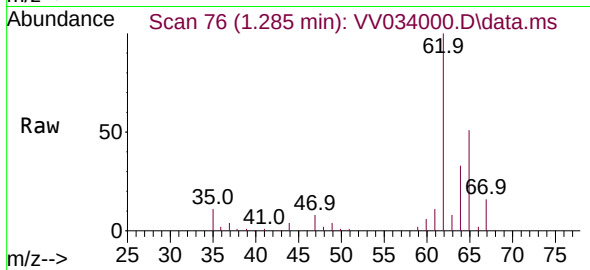
Tgt Ion: 50 Resp: 31789
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.4 43.4



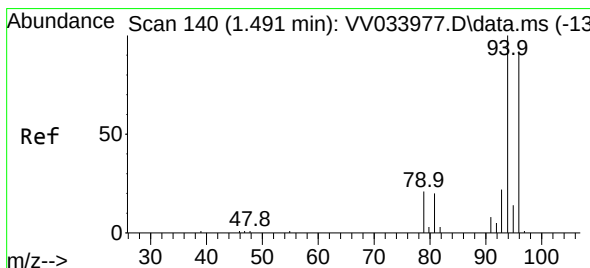
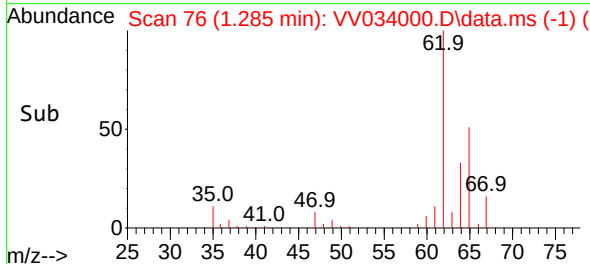
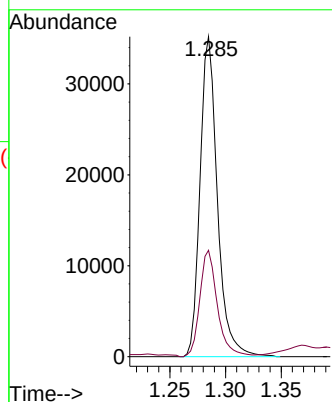


#5
 Vinyl chloride
 Concen: 4.263 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV034000.D
 Acq: 05 Feb 2024 20:02

Instrument :
 MSVOA_V
 ClientSampleId :

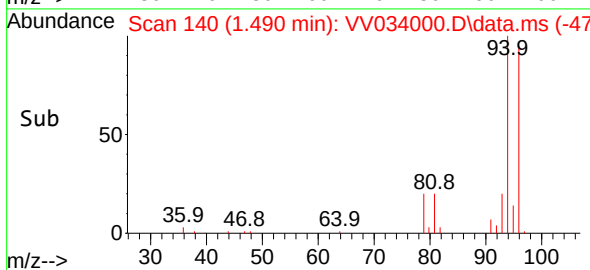
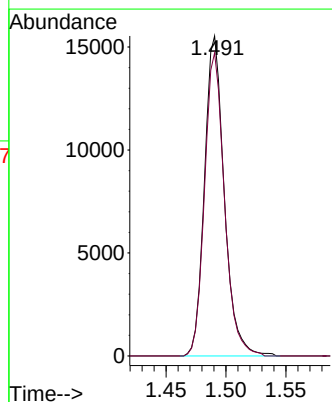
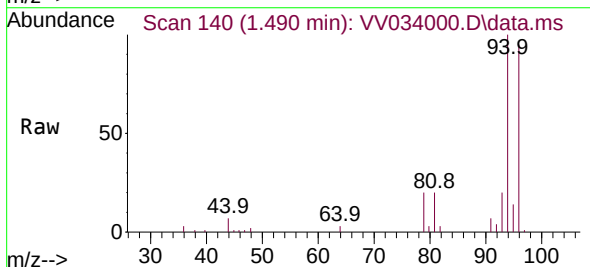


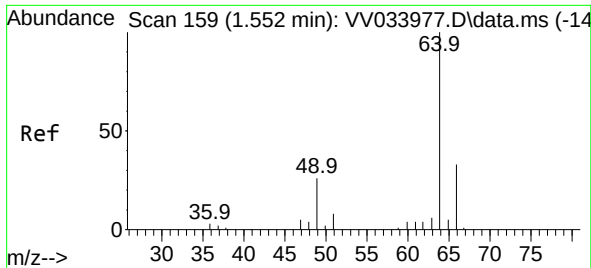
Tgt Ion: 62 Resp: 38125
 Ion Ratio Lower Upper
 62 100
 64 33.2 27.2 50.4



#6
 Bromomethane
 Concen: 3.791 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV034000.D
 Acq: 05 Feb 2024 20:02

Tgt Ion: 94 Resp: 17854
 Ion Ratio Lower Upper
 94 100
 96 94.7 66.6 123.8

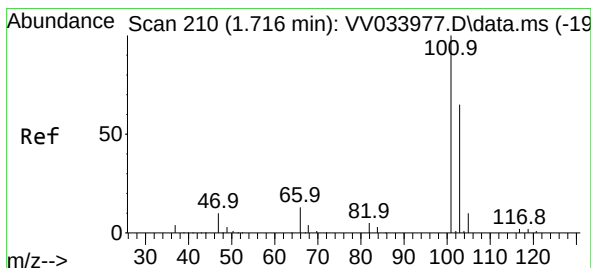
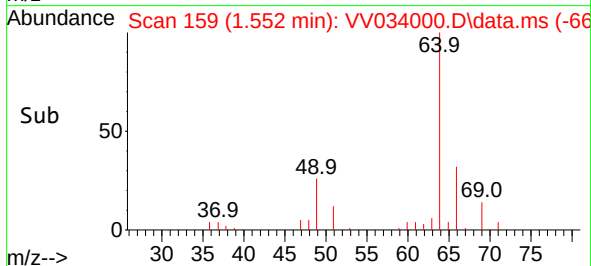
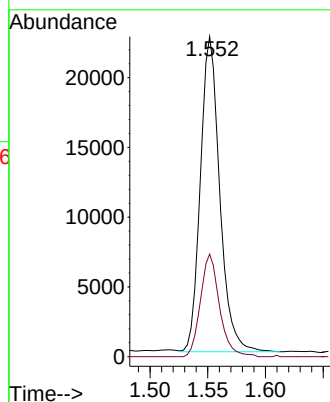
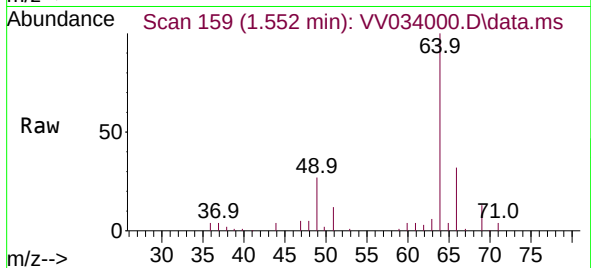




#8
Chloroethane
Concen: 4.322 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV034000.D
Acq: 05 Feb 2024 20:02

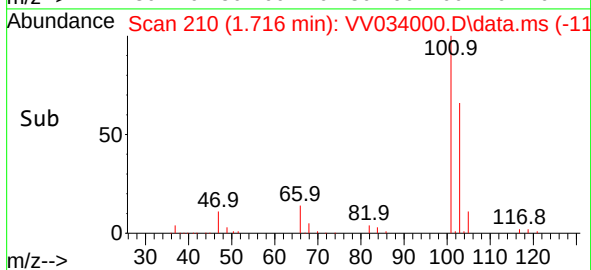
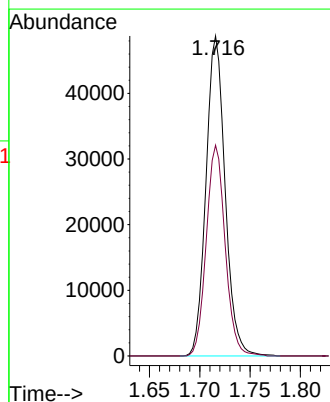
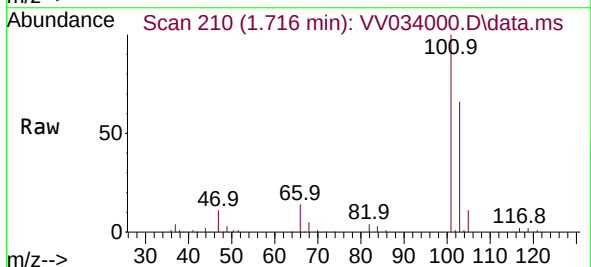
Instrument :
MSVOA_V
ClientSampleId :

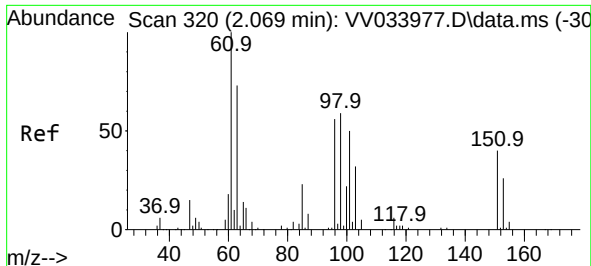
Tgt Ion: 64 Resp: 26368
Ion Ratio Lower Upper
64 100
66 32.0 22.0 41.0



#9
Trichlorofluoromethane
Concen: 5.007 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV034000.D
Acq: 05 Feb 2024 20:02

Tgt Ion:101 Resp: 64535
Ion Ratio Lower Upper
101 100
103 65.0 51.0 76.4





#10

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

Concen: 5.027 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034000.D

Acq: 05 Feb 2024 20:02

Instrument :

MSVOA_V

ClientSampleId :

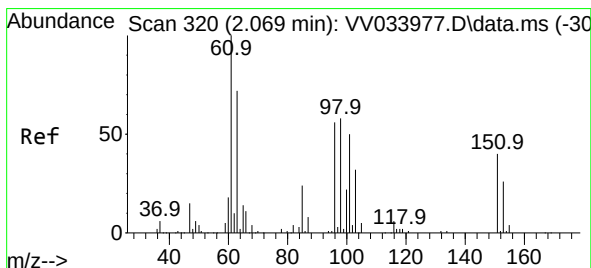
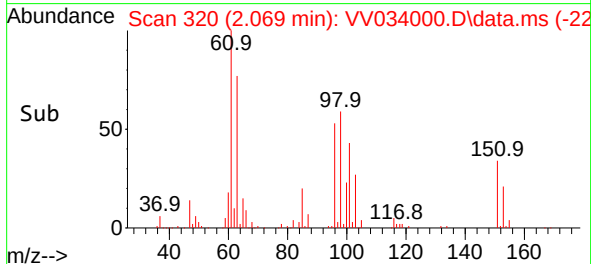
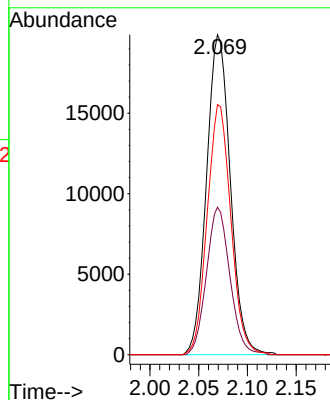
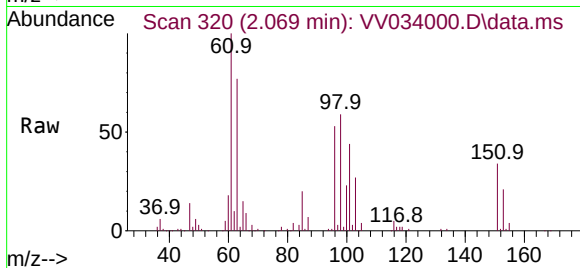
Tgt Ion:101 Resp: 33869

Ion Ratio Lower Upper

101 100

85 45.3 37.1 55.7

151 77.6 61.7 92.5



#12

1,1-Dichloroethene

Concen: 5.589 ug/L

RT: 2.072 min Scan# 321

Delta R.T. 0.003 min

Lab File: VV034000.D

Acq: 05 Feb 2024 20:02

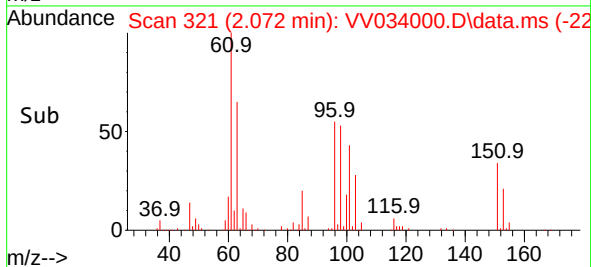
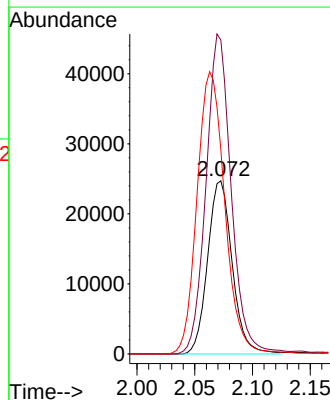
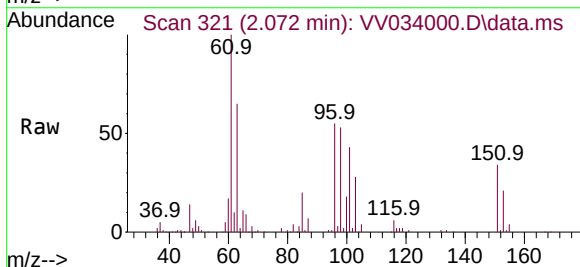
Tgt Ion: 96 Resp: 36558

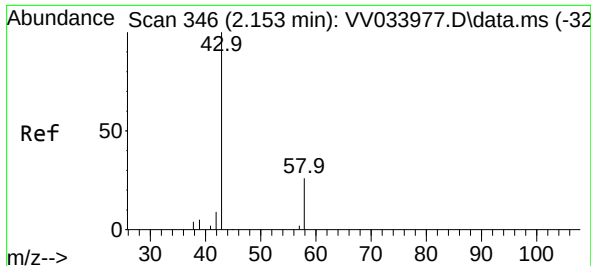
Ion Ratio Lower Upper

96 100

61 181.4 128.8 239.2

63 118.1 97.9 181.9





#13

Acetone

Concen: 47.731 ug/L

RT: 2.137 min Scan# 34

Delta R.T. -0.016 min

Lab File: VV034000.D

Acq: 05 Feb 2024 20:02

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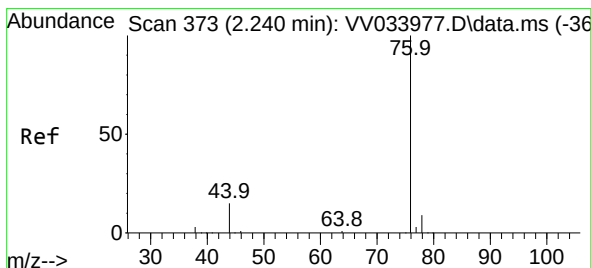
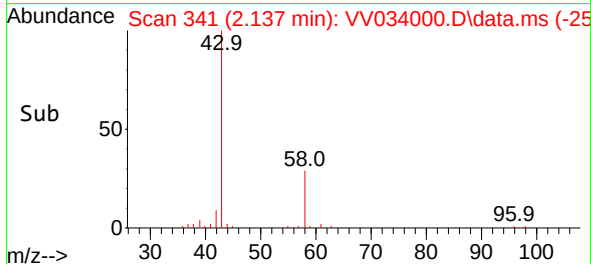
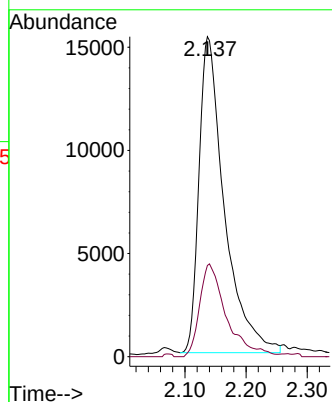
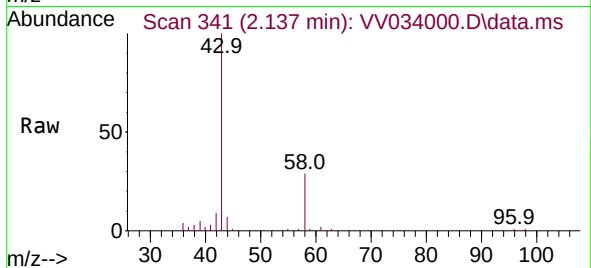
ClientSampleId :

Tgt Ion: 43 Resp: 44103

Ion Ratio Lower Upper

43 100

58 29.8 0.0 13.8#



#14

Carbon disulfide

Concen: 4.442 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV034000.D

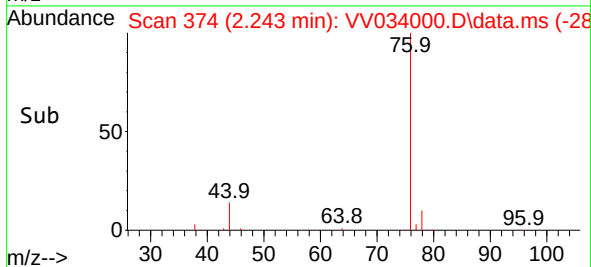
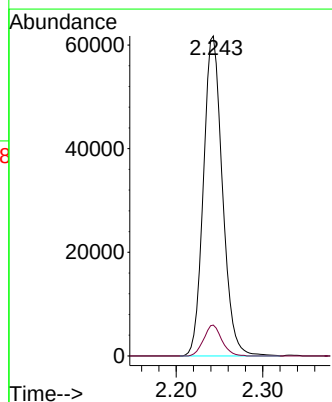
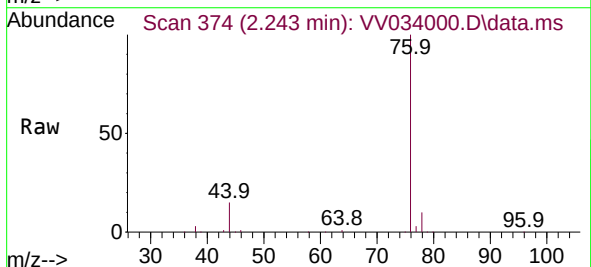
Acq: 05 Feb 2024 20:02

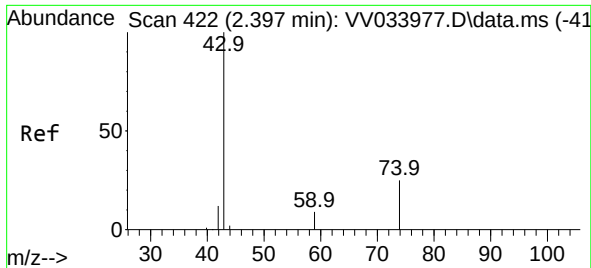
Tgt Ion: 76 Resp: 94021

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3

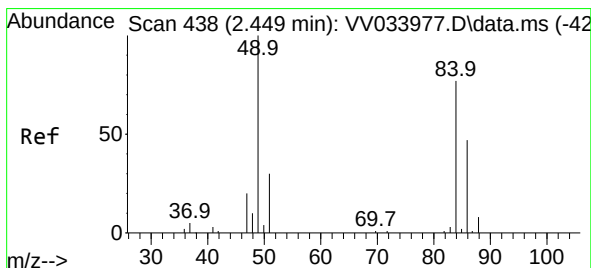
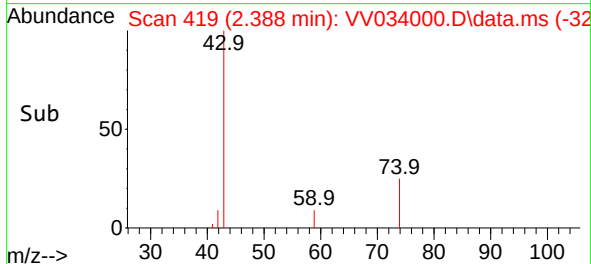
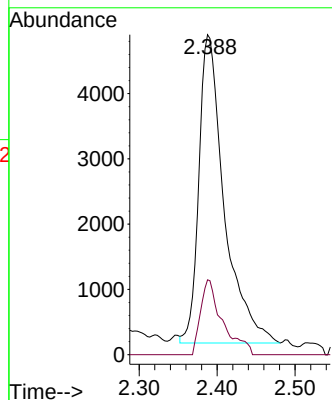
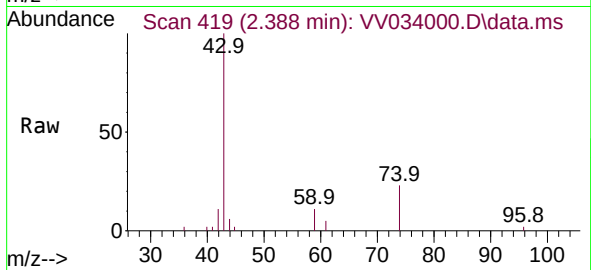




#15
Methyl Acetate
Concen: 4.879 ug/L
RT: 2.388 min Scan# 41
Delta R.T. -0.010 min
Lab File: VV034000.D
Acq: 05 Feb 2024 20:02

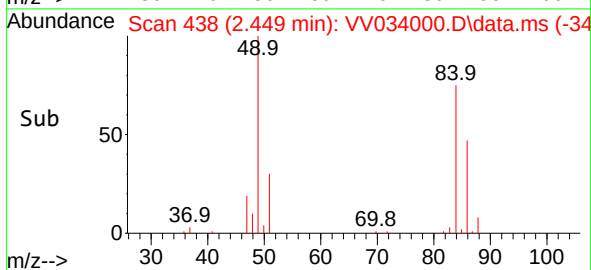
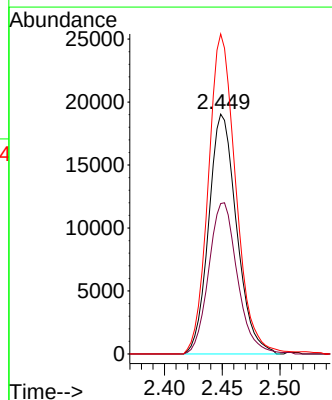
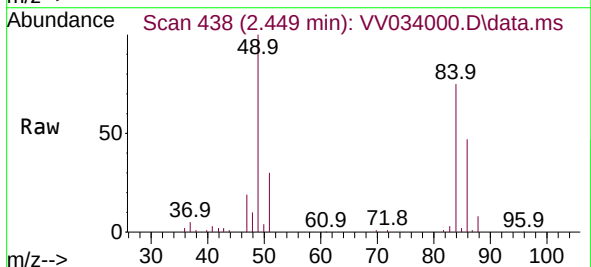
Instrument :
MSVOA_V
ClientSampleId :

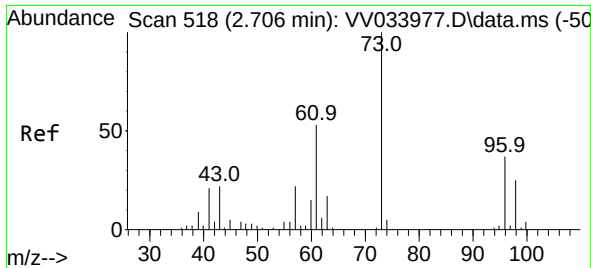
Tgt Ion: 43 Resp: 10670
Ion Ratio Lower Upper
43 100
74 20.9 18.2 27.4



#16
Methylene chloride
Concen: 5.110 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV034000.D
Acq: 05 Feb 2024 20:02

Tgt Ion: 84 Resp: 32071
Ion Ratio Lower Upper
84 100
86 62.7 44.7 83.1
49 133.4 93.7 173.9

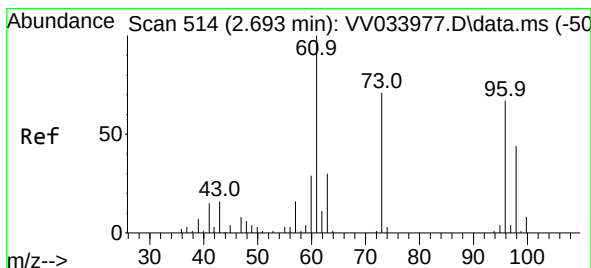
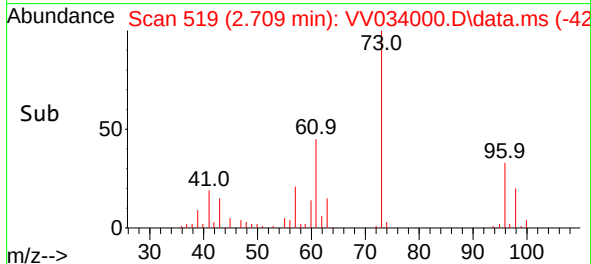
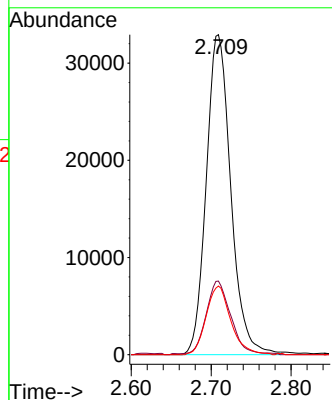
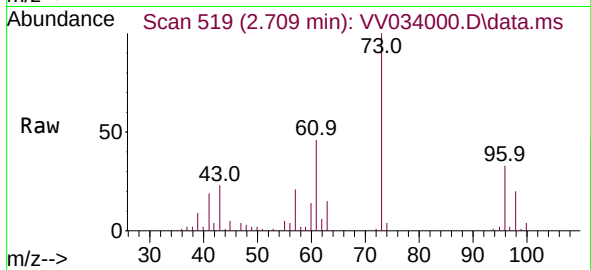




#17
Methyl tert-butyl Ether
Concen: 5.230 ug/L
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV034000.D
Acq: 05 Feb 2024 20:02

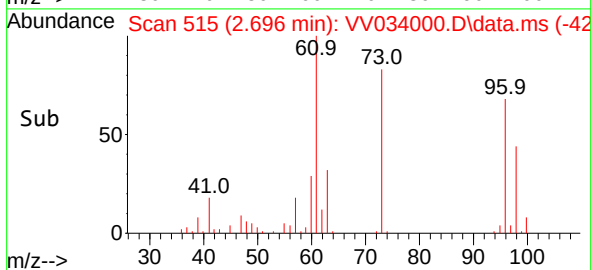
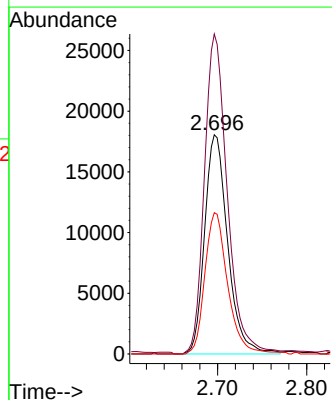
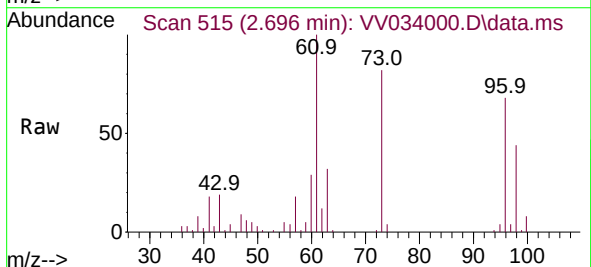
Instrument :
MSVOA_V
ClientSampleId :

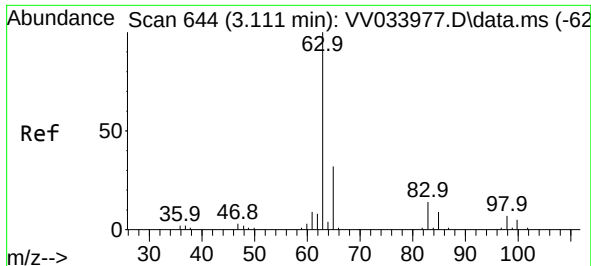
Tgt Ion: 73 Resp: 70288
Ion Ratio Lower Upper
73 100
43 22.1 17.7 26.5
57 21.6 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 4.883 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV034000.D
Acq: 05 Feb 2024 20:02

Tgt Ion: 96 Resp: 32536
Ion Ratio Lower Upper
96 100
61 146.0 97.6 181.4
98 64.5 44.4 82.5

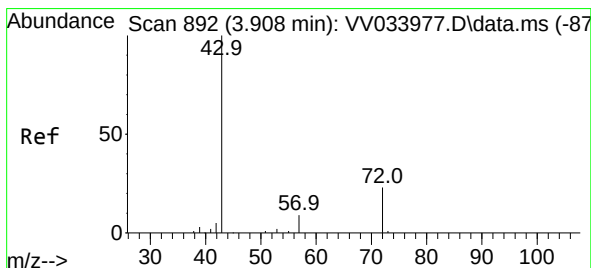
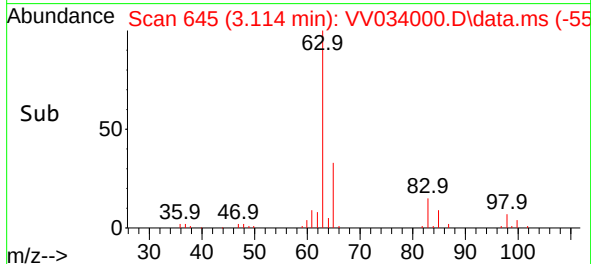
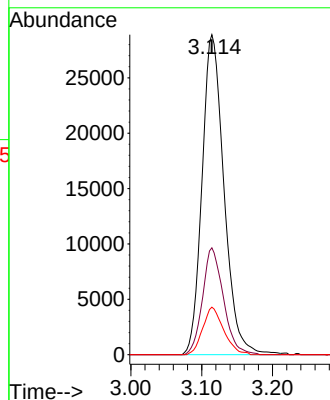
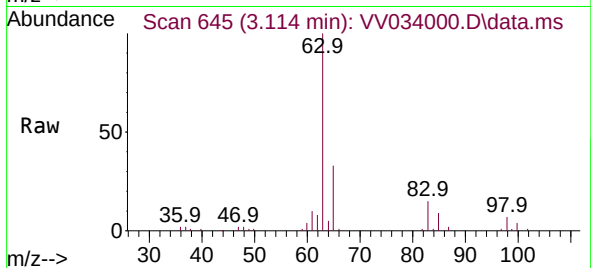




#19
1,1-Dichloroethane
Concen: 5.089 ug/L
RT: 3.114 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV034000.D
Acq: 05 Feb 2024 20:02

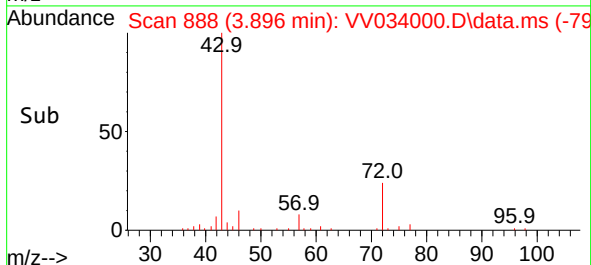
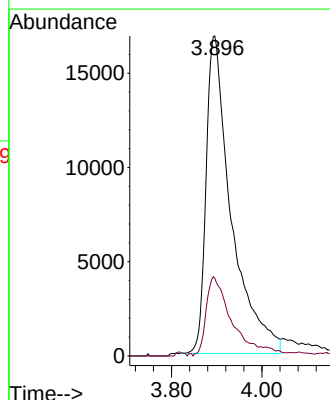
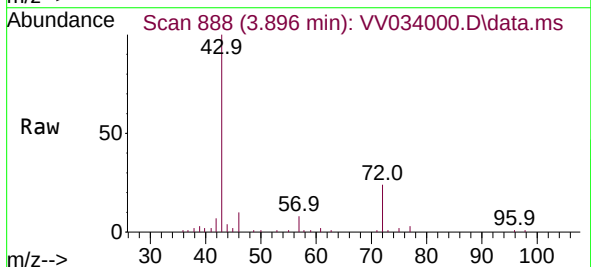
Instrument :
MSVOA_V
ClientSampleId :

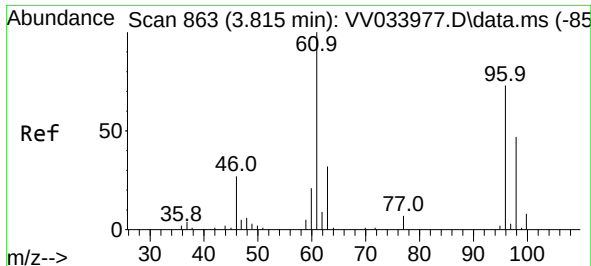
Tgt Ion: 63 Resp: 62299
Ion Ratio Lower Upper
63 100
65 33.4 20.8 38.6
83 14.8 9.4 17.4



#21
2-Butanone
Concen: 53.459 ug/L
RT: 3.896 min Scan# 888
Delta R.T. -0.013 min
Lab File: VV034000.D
Acq: 05 Feb 2024 20:02

Tgt Ion: 43 Resp: 65275
Ion Ratio Lower Upper
43 100
72 24.1 4.0 11.9#





#22

cis-1,2-Dichloroethene

Concen: 4.638 ug/L

RT: 3.818 min Scan# 863

Delta R.T. 0.003 min

Lab File: VV034000.D

Acq: 05 Feb 2024 20:02

Instrument :

MSVOA_V

ClientSampleId :

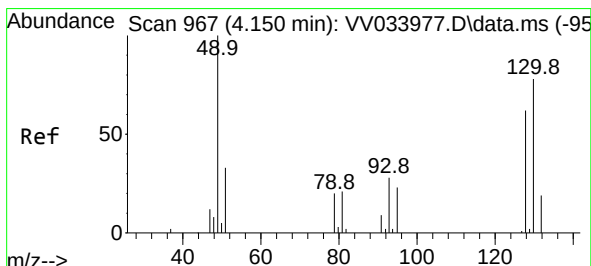
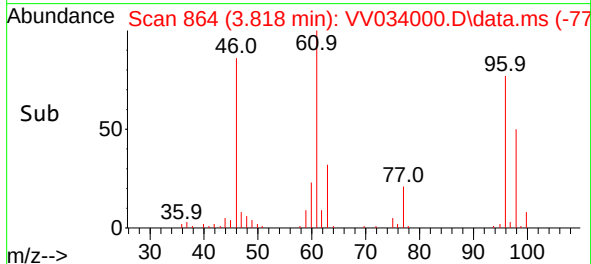
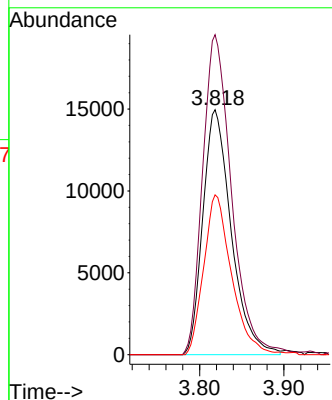
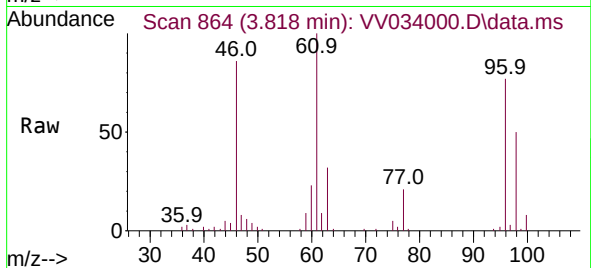
Tgt Ion: 96 Resp: 35058

Ion Ratio Lower Upper

96 100

61 130.6 90.3 167.7

98 65.2 43.2 80.2



#23

Bromochloromethane

Concen: 5.381 ug/L

RT: 4.153 min Scan# 968

Delta R.T. 0.003 min

Lab File: VV034000.D

Acq: 05 Feb 2024 20:02

Tgt Ion: 128 Resp: 14141

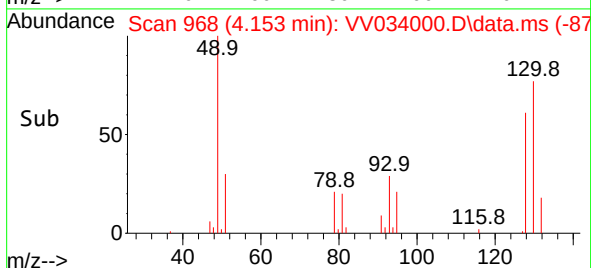
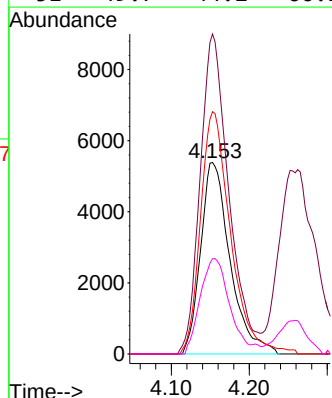
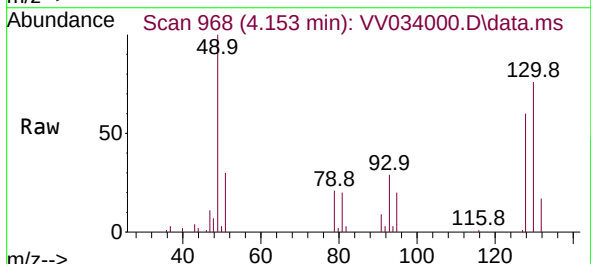
Ion Ratio Lower Upper

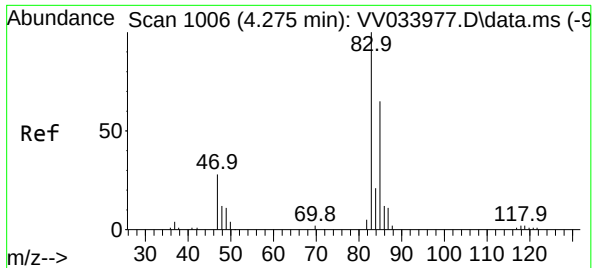
128 100

49 167.1 120.5 223.7

130 126.5 93.4 173.4

51 49.7 44.2 66.2

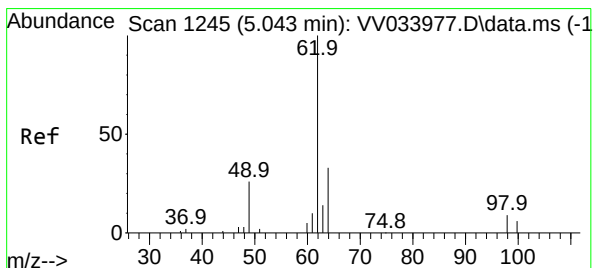
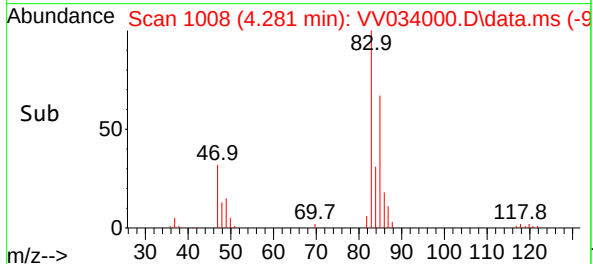
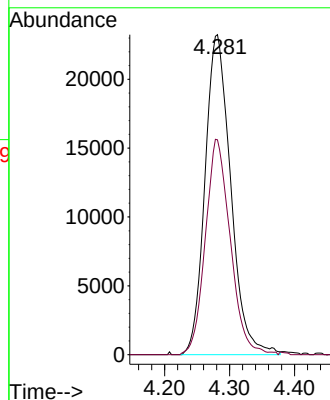
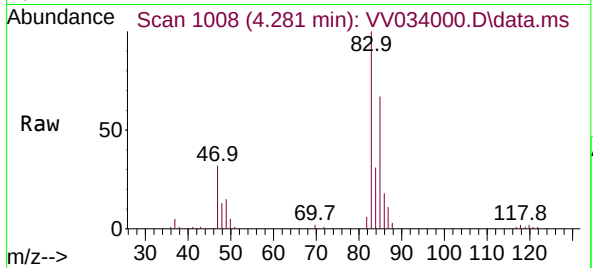




#25
Chloroform
Concen: 5.175 ug/L
RT: 4.281 min Scan# 1006
Delta R.T. 0.006 min
Lab File: VV034000.D
Acq: 05 Feb 2024 20:02

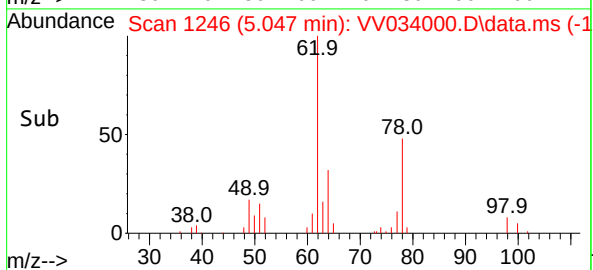
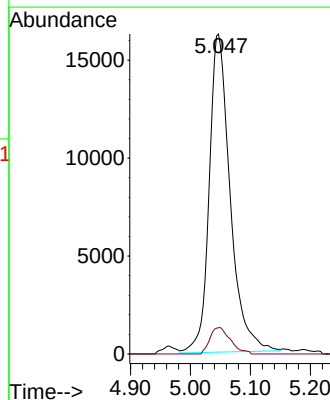
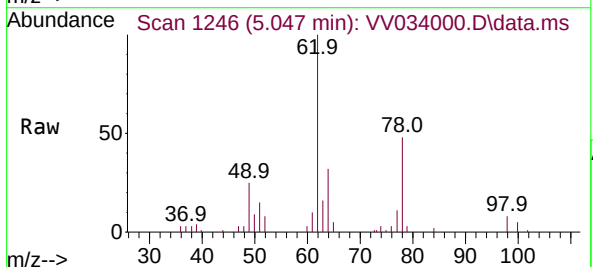
Instrument :
MSVOA_V
ClientSampleId :

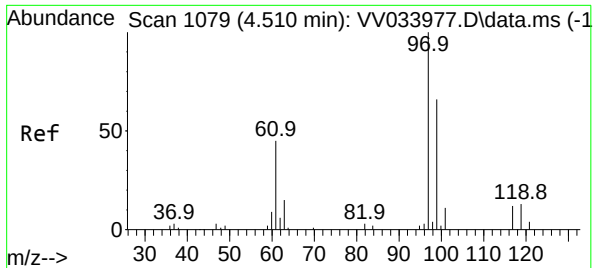
Tgt Ion: 83 Resp: 64046
Ion Ratio Lower Upper
83 100
85 67.1 47.5 88.1



#27
1,2-Dichloroethane
Concen: 5.573 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. 0.003 min
Lab File: VV034000.D
Acq: 05 Feb 2024 20:02

Tgt Ion: 62 Resp: 39492
Ion Ratio Lower Upper
62 100
98 8.2 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 9.922 ug/L

RT: 4.516 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VV034000.D

Acq: 05 Feb 2024 20:02

Instrument :

MSVOA_V

ClientSampleId :

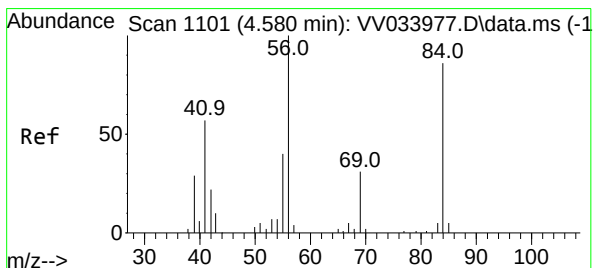
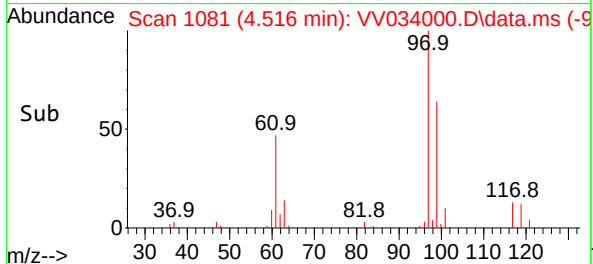
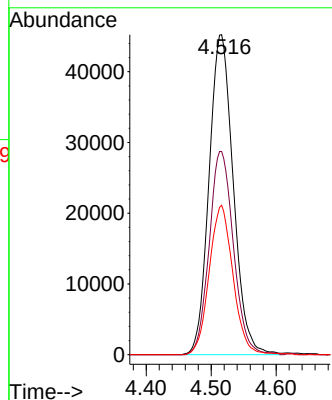
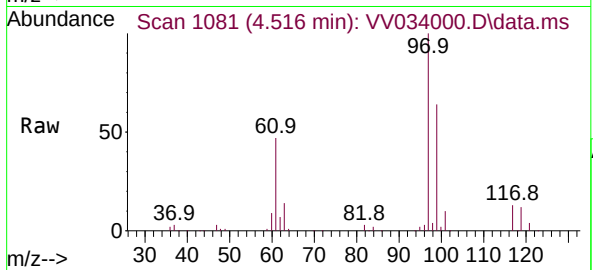
Tgt Ion: 97 Resp: 117143

Ion Ratio Lower Upper

97 100

99 63.7 50.6 75.8

61 46.0 36.8 55.2



#30

Cyclohexane

Concen: 4.684 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VV034000.D

Acq: 05 Feb 2024 20:02

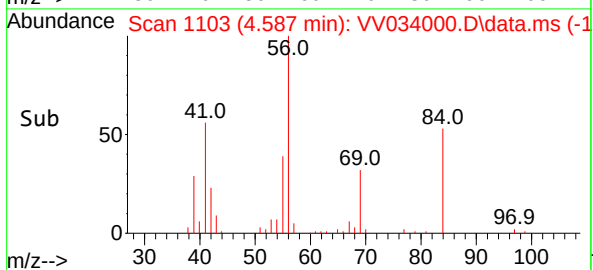
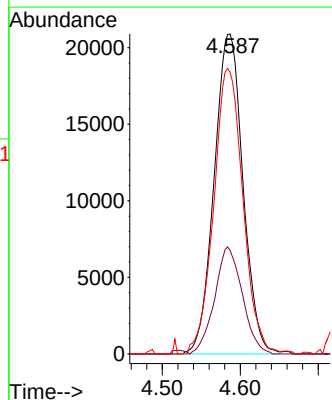
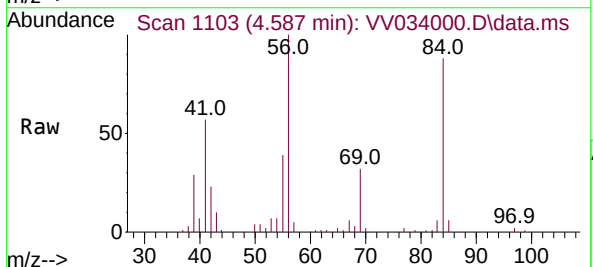
Tgt Ion: 56 Resp: 53781

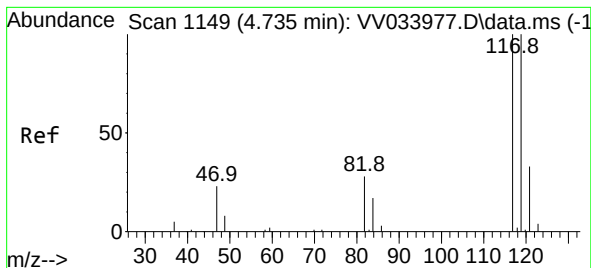
Ion Ratio Lower Upper

56 100

69 32.1 24.2 36.2

84 90.1 70.0 105.0





#31

Carbon tetrachloride

Concen: 4.924 ug/L

RT: 4.738 min Scan# 1149

Delta R.T. 0.003 min

Lab File: VV034000.D

Acq: 05 Feb 2024 20:02

Instrument :

MSVOA_V

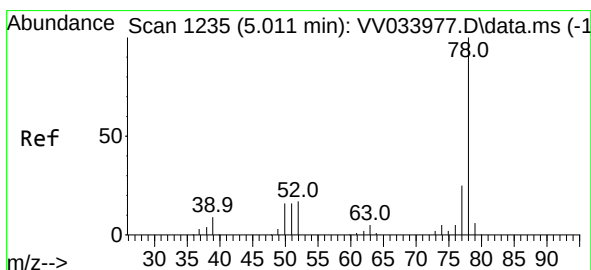
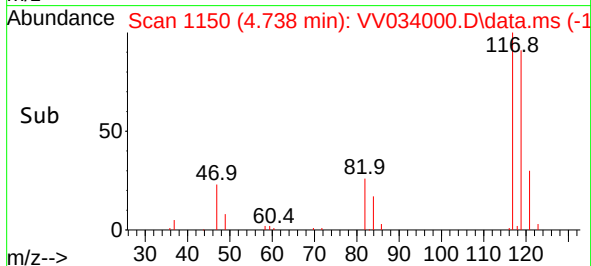
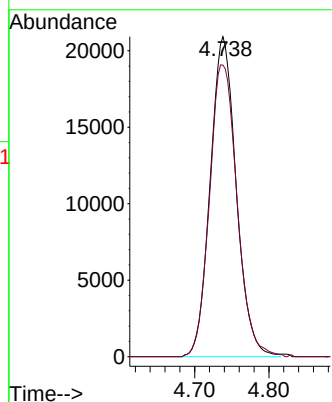
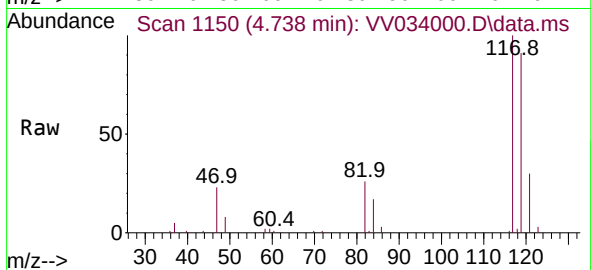
ClientSampleId :

Tgt Ion:117 Resp: 50866

Ion Ratio Lower Upper

117 100

119 96.7 76.1 114.1



#33

Benzene

Concen: 4.987 ug/L

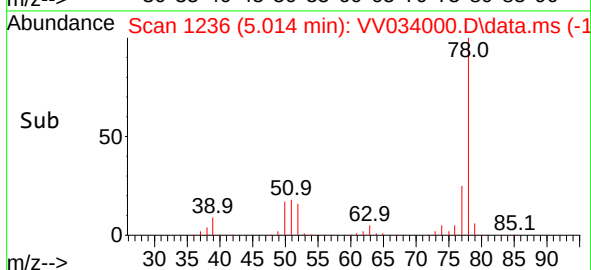
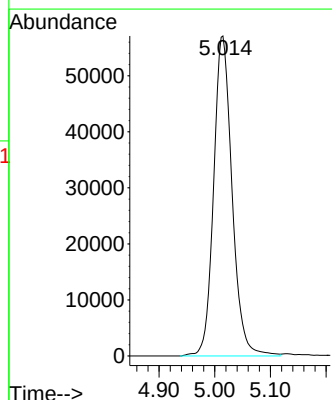
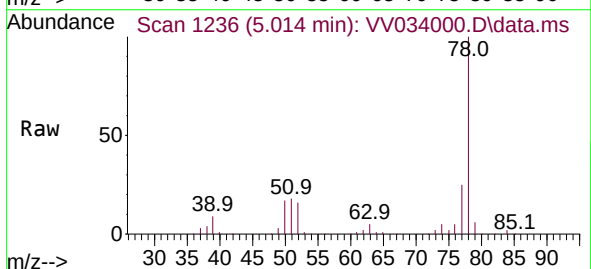
RT: 5.014 min Scan# 1236

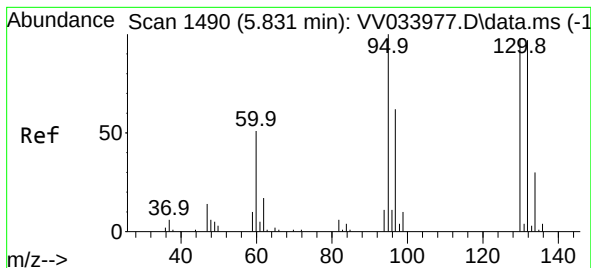
Delta R.T. 0.003 min

Lab File: VV034000.D

Acq: 05 Feb 2024 20:02

Tgt Ion: 78 Resp: 131541





#34

Trichloroethene

Concen: 4.763 ug/L

RT: 5.838 min Scan# 1490

Delta R.T. 0.006 min

Lab File: VV034000.D

Acq: 05 Feb 2024 20:02

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 36357

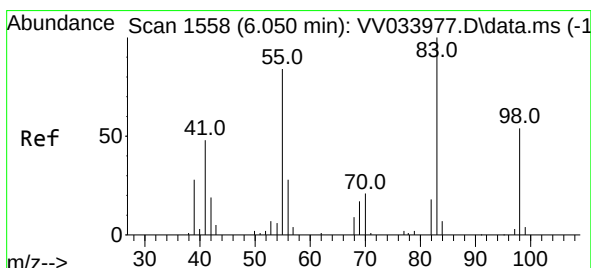
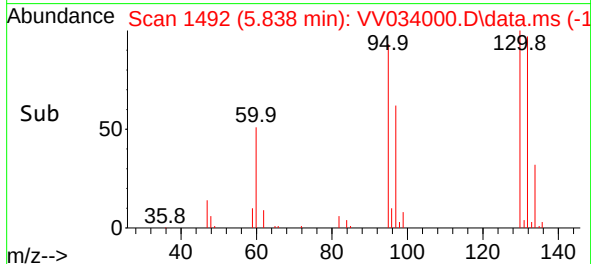
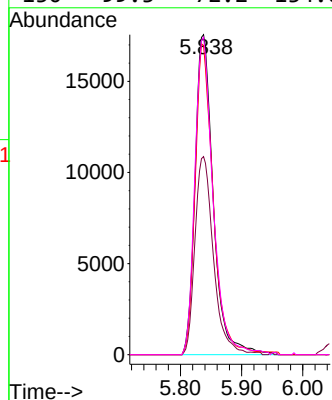
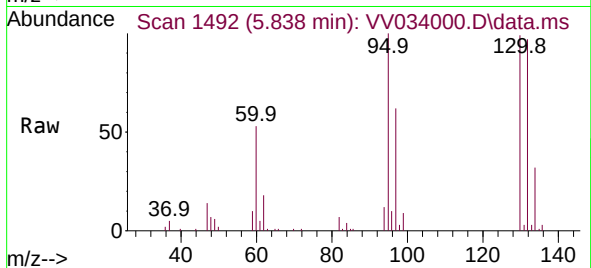
Ion Ratio Lower Upper

95 100

97 61.9 45.1 83.7

132 96.6 66.0 122.6

130 99.3 72.2 134.0



#35

Methylcyclohexane

Concen: 4.729 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. 0.003 min

Lab File: VV034000.D

Acq: 05 Feb 2024 20:02

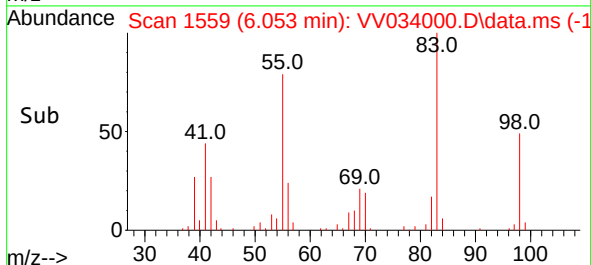
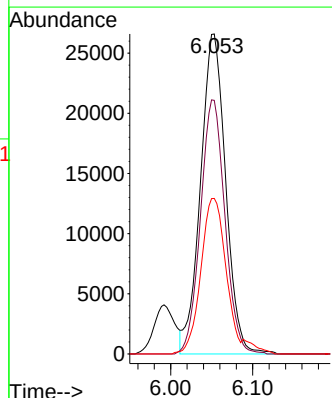
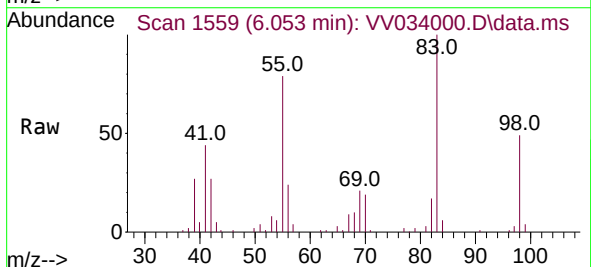
Tgt Ion: 83 Resp: 56668

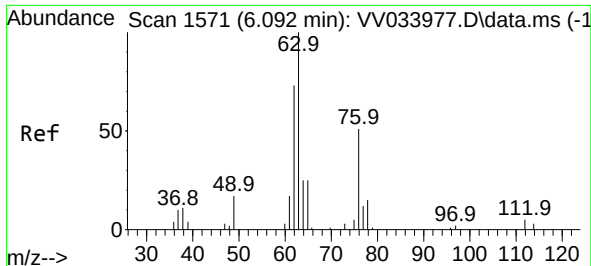
Ion Ratio Lower Upper

83 100

55 77.0 63.5 95.3

98 50.4 39.0 58.4

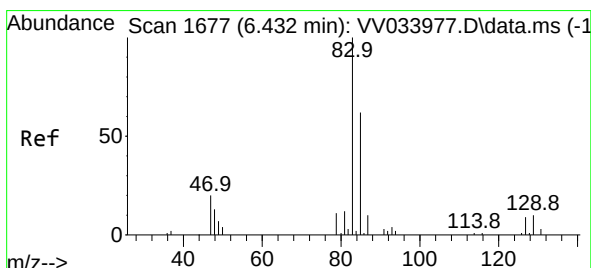
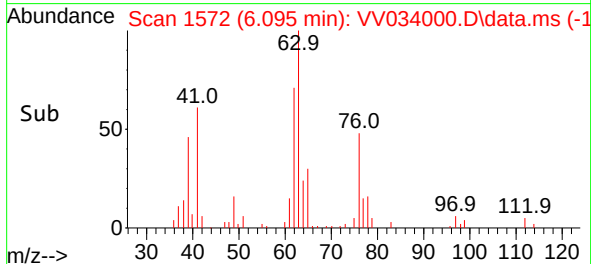
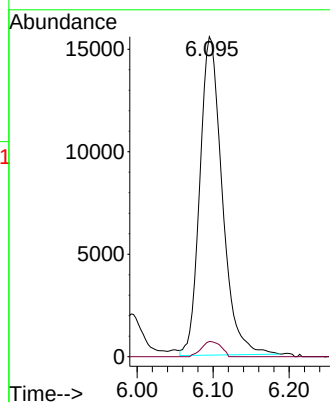
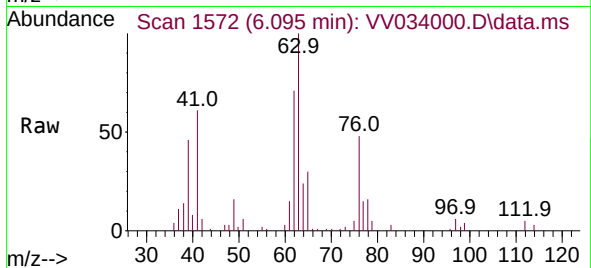




#37
1,2-Dichloropropane
Concen: 4.978 ug/L
RT: 6.095 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV034000.D
Acq: 05 Feb 2024 20:02

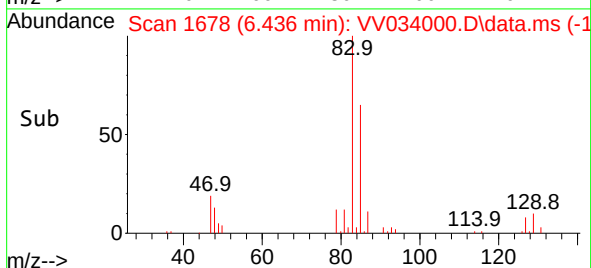
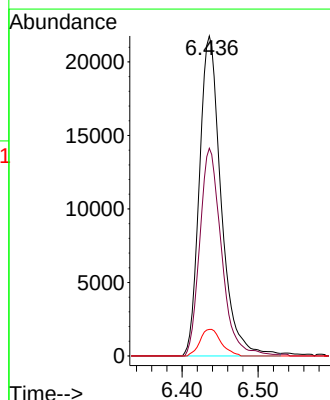
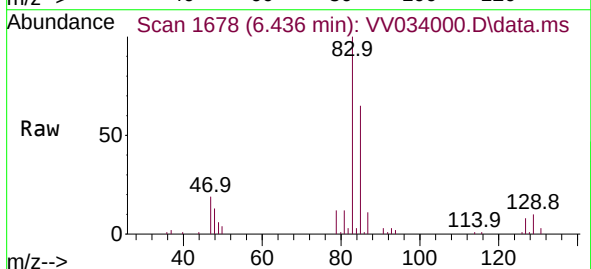
Instrument :
MSVOA_V
ClientSampleId :

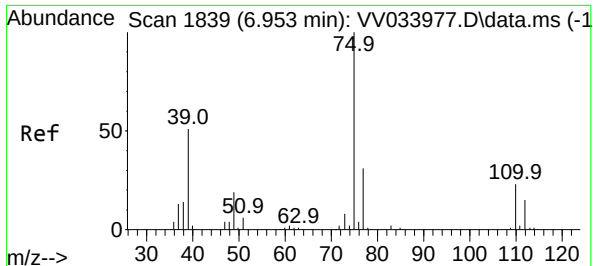
Tgt Ion: 63 Resp: 31804
Ion Ratio Lower Upper
63 100
112 4.2 3.4 5.0



#38
Bromodichloromethane
Concen: 5.157 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.003 min
Lab File: VV034000.D
Acq: 05 Feb 2024 20:02

Tgt Ion: 83 Resp: 43254
Ion Ratio Lower Upper
83 100
85 64.9 45.4 84.2
127 8.3 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.973 ug/L

RT: 6.957 min Scan# 1839

Delta R.T. 0.003 min

Lab File: VV034000.D

Acq: 05 Feb 2024 20:02

Instrument :

MSVOA_V

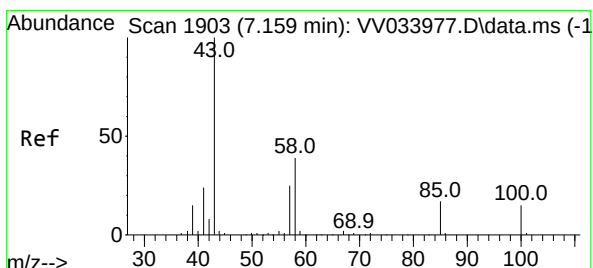
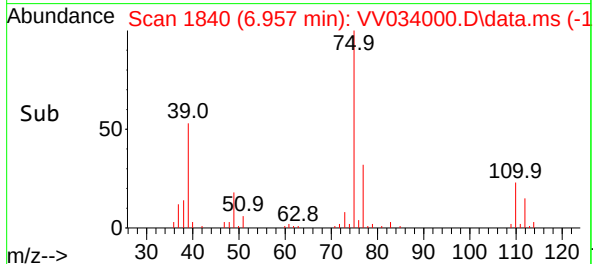
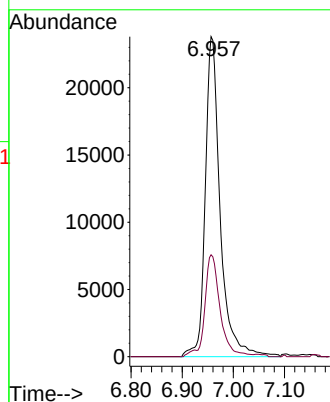
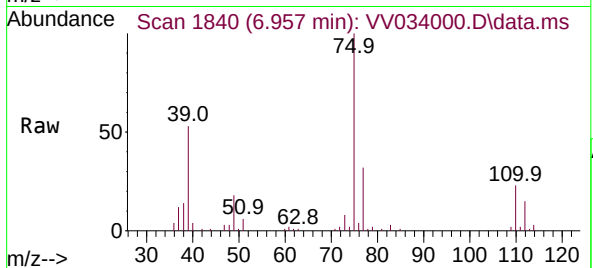
ClientSampleId :

Tgt Ion: 75 Resp: 48341

Ion Ratio Lower Upper

75 100

77 31.9 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 56.940 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV034000.D

Acq: 05 Feb 2024 20:02

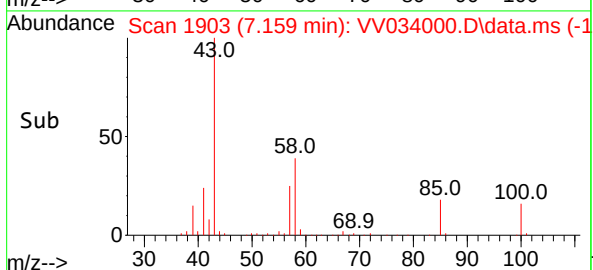
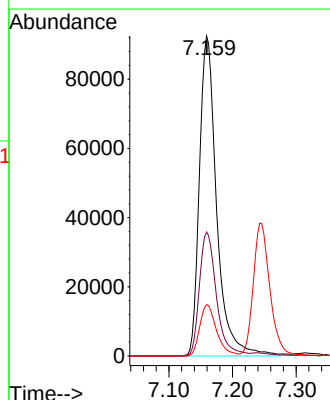
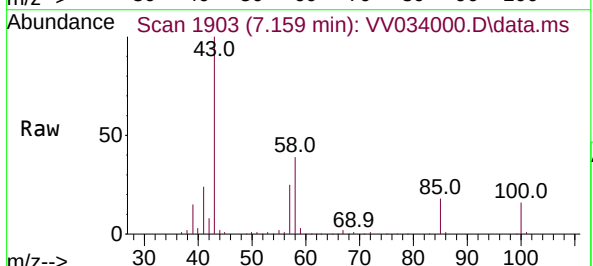
Tgt Ion: 43 Resp: 174204

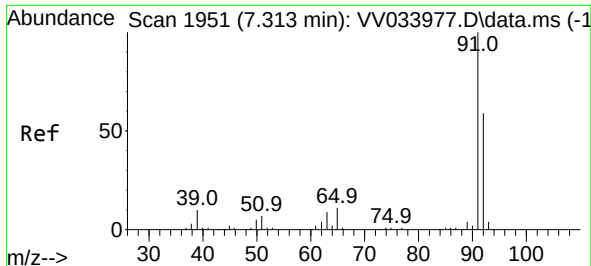
Ion Ratio Lower Upper

43 100

58 38.2 30.2 45.2

100 15.7 12.1 18.1





#42

Toluene

Concen: 5.103 ug/L

RT: 7.317 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV034000.D

Acq: 05 Feb 2024 20:02

Instrument :

MSVOA_V

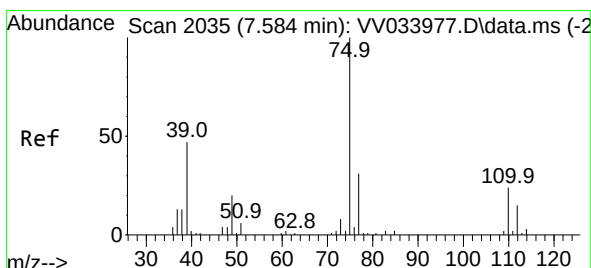
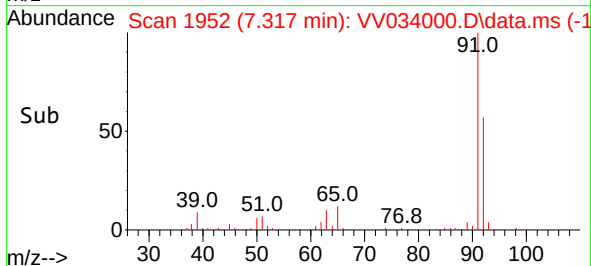
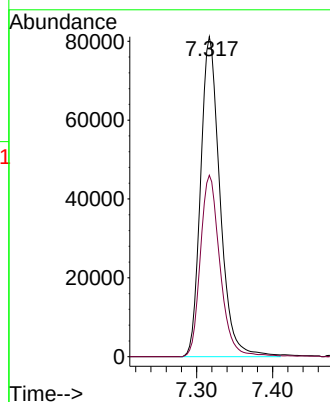
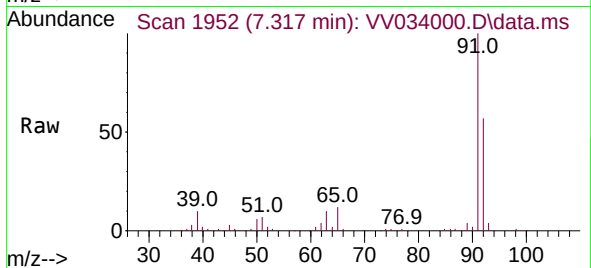
ClientSampleId :

Tgt Ion: 91 Resp: 143845

Ion Ratio Lower Upper

91 100

92 56.7 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 5.054 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. -0.000 min

Lab File: VV034000.D

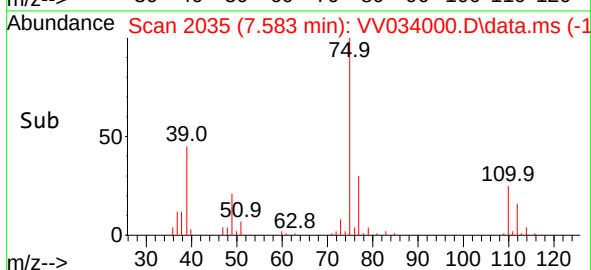
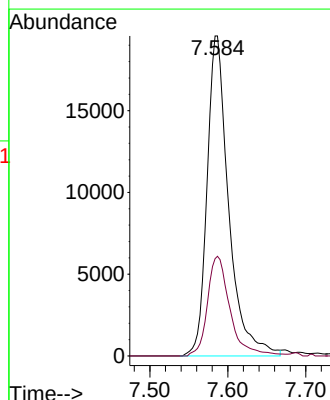
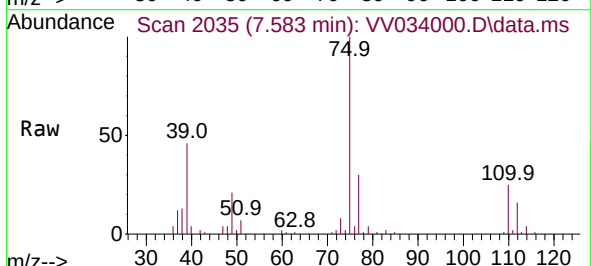
Acq: 05 Feb 2024 20:02

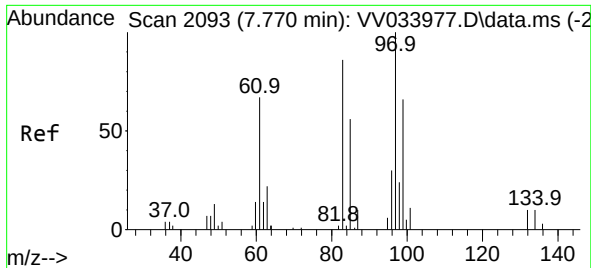
Tgt Ion: 75 Resp: 37722

Ion Ratio Lower Upper

75 100

77 30.4 22.2 41.2



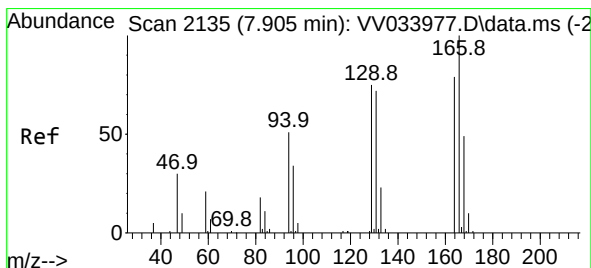
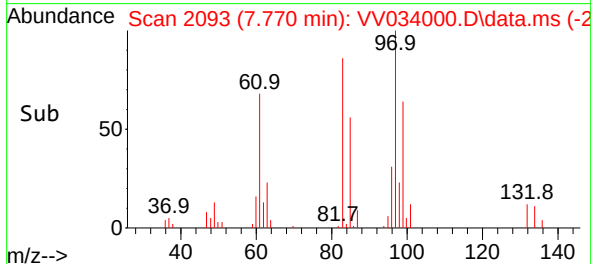
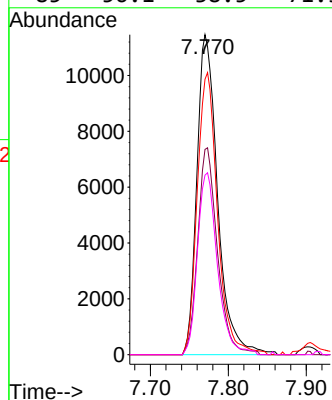
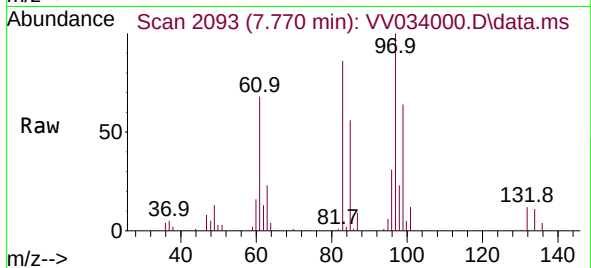


#45
1,1,2-Trichloroethane
Concen: 5.382 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.000 min
Lab File: VV034000.D
Acq: 05 Feb 2024 20:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 21233

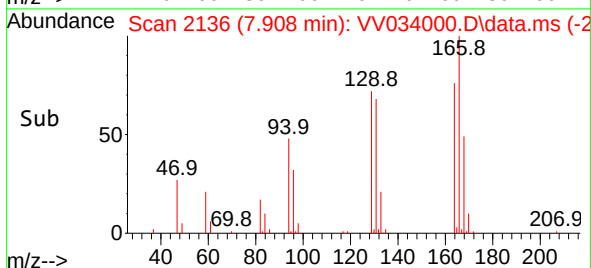
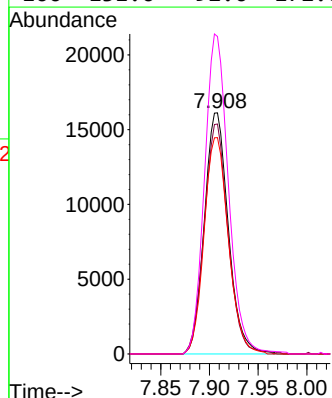
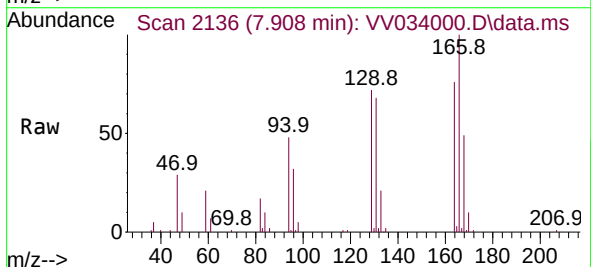
Ion	Ratio	Lower	Upper
97	100		
99	64.1	45.6	84.6
83	86.0	62.3	115.7
85	56.1	38.5	71.5

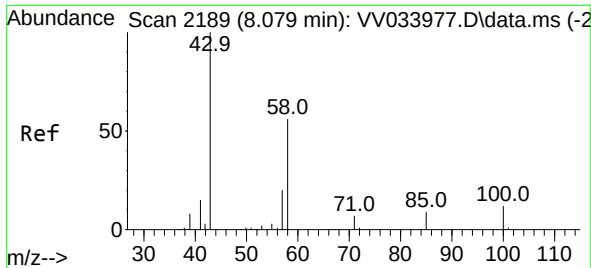


#47
Tetrachloroethene
Concen: 4.447 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV034000.D
Acq: 05 Feb 2024 20:02

Tgt Ion: 164 Resp: 27584

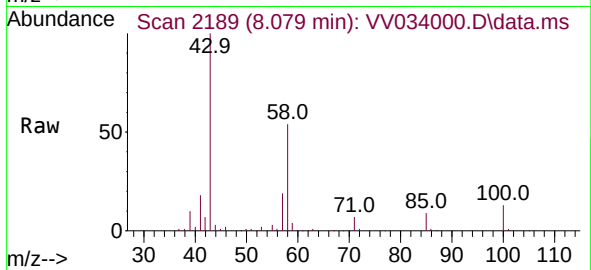
Ion	Ratio	Lower	Upper
164	100		
129	95.3	67.8	125.8
131	89.7	63.0	117.0
166	131.6	92.6	172.0





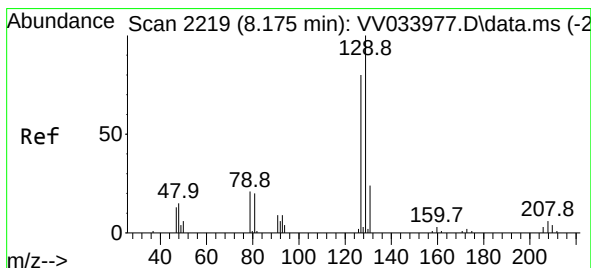
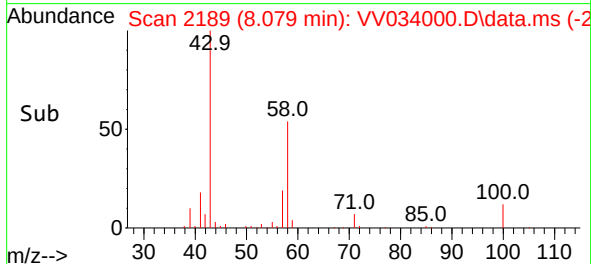
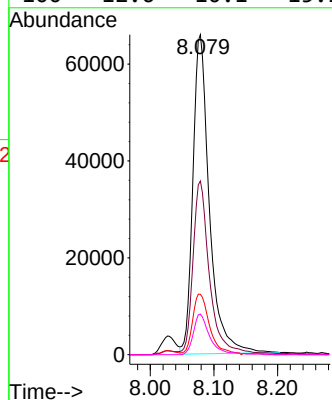
#48
2-Hexanone
Concen: 55.165 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV034000.D
Acq: 05 Feb 2024 20:02

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 118966

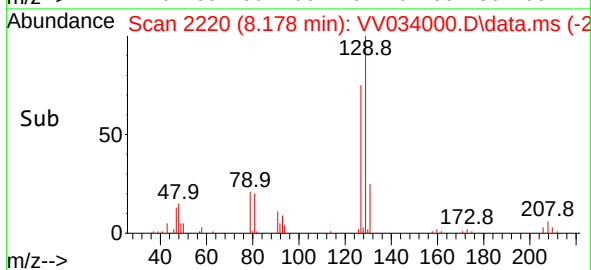
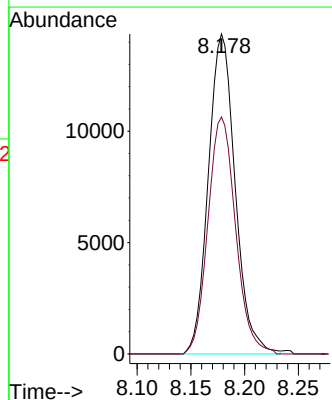
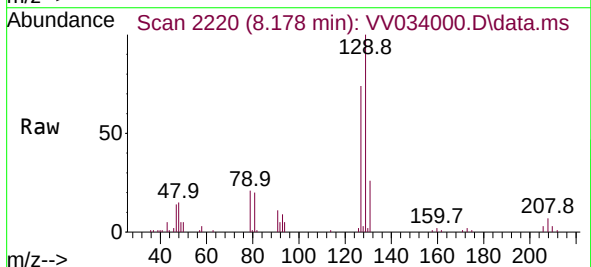
Ion	Ratio	Lower	Upper
43	100		
58	53.1	42.6	64.0
57	19.7	15.5	23.3
100	12.6	10.1	15.1

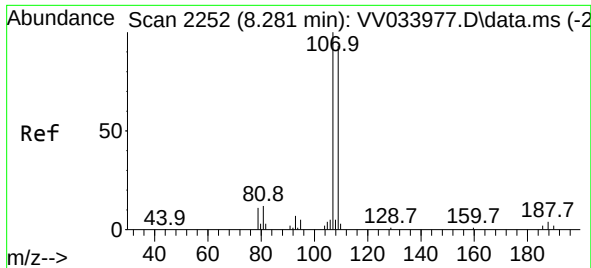


#49
Dibromochloromethane
Concen: 5.331 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.003 min
Lab File: VV034000.D
Acq: 05 Feb 2024 20:02

Tgt Ion: 129 Resp: 24992

Ion	Ratio	Lower	Upper
129	100		
127	74.1	53.5	99.5

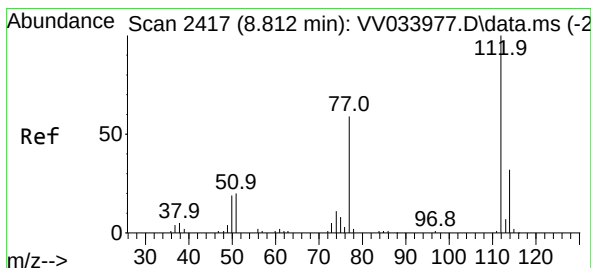
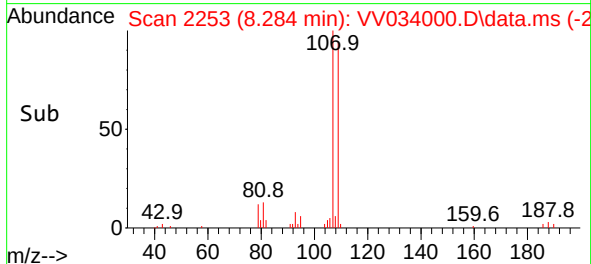
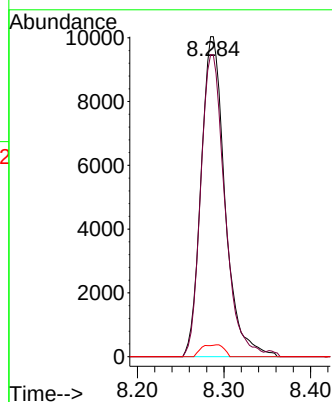
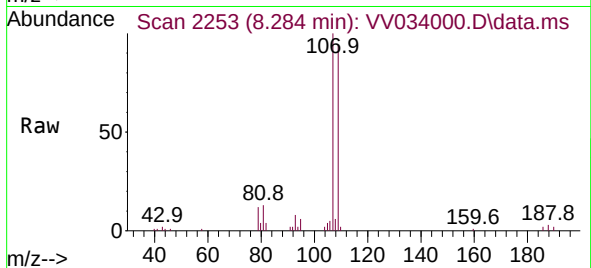




#50
1,2-Dibromoethane
Concen: 5.440 ug/L
RT: 8.284 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034000.D
Acq: 05 Feb 2024 20:02

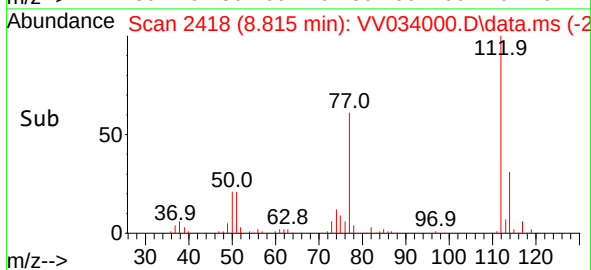
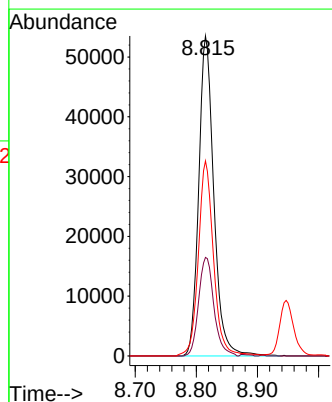
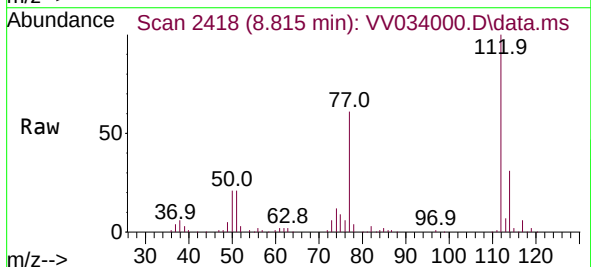
Instrument :
MSVOA_V
ClientSampleId :

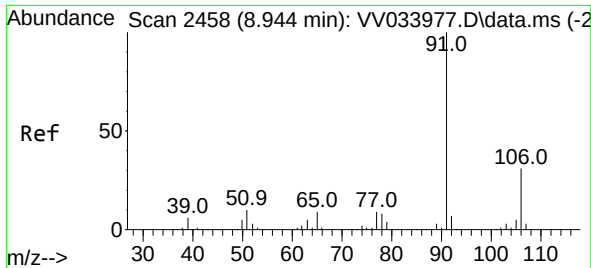
Tgt Ion:107 Resp: 19262
Ion Ratio Lower Upper
107 100
109 94.4 64.5 119.9
188 3.5 2.6 4.0



#51
Chlorobenzene
Concen: 5.147 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV034000.D
Acq: 05 Feb 2024 20:02

Tgt Ion:112 Resp: 91732
Ion Ratio Lower Upper
112 100
114 30.8 22.5 41.7
77 60.9 48.1 72.1

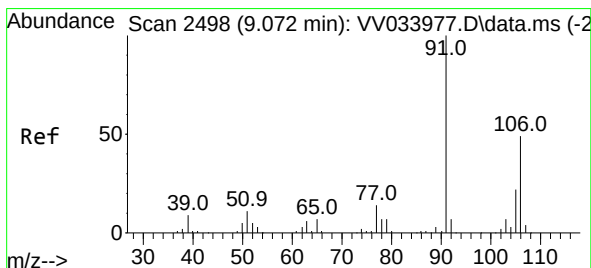
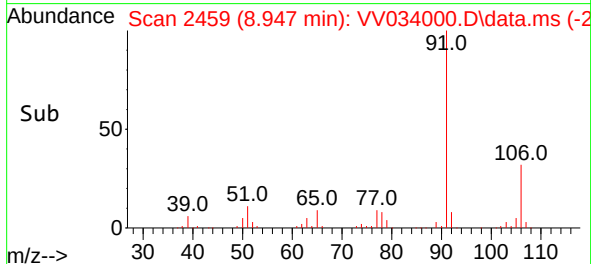
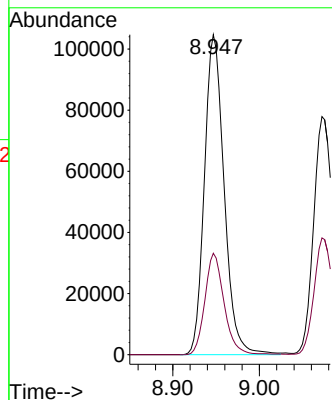
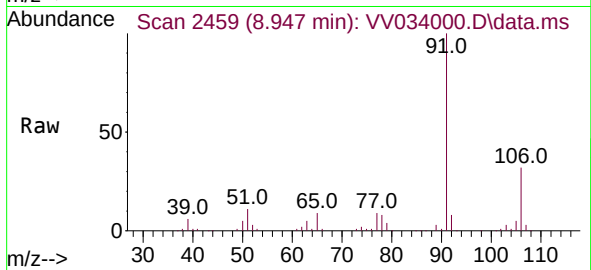




#52
Ethylbenzene
Concen: 5.102 ug/L
RT: 8.947 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV034000.D
Acq: 05 Feb 2024 20:02

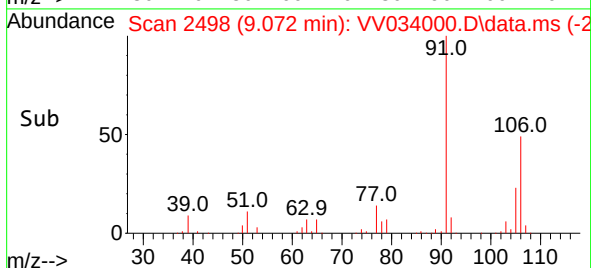
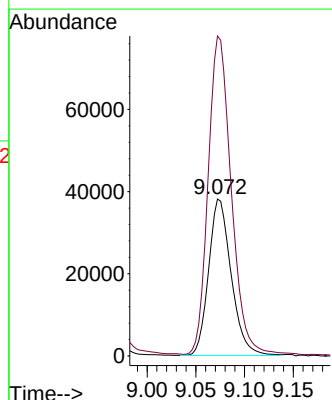
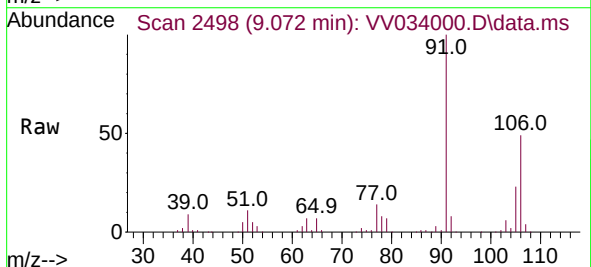
Instrument :
MSVOA_V
ClientSampleId :

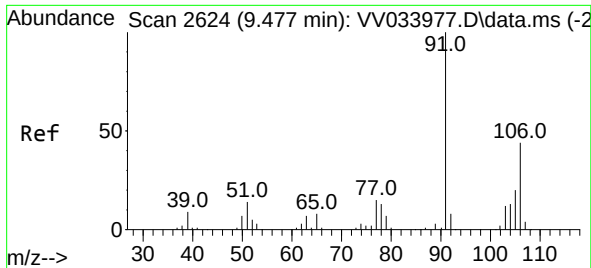
Tgt Ion: 91 Resp: 165545
Ion Ratio Lower Upper
91 100
106 31.7 21.4 39.8



#53
m,p-Xylene
Concen: 5.013 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV034000.D
Acq: 05 Feb 2024 20:02

Tgt Ion: 106 Resp: 61472
Ion Ratio Lower Upper
106 100
91 203.8 147.5 273.9

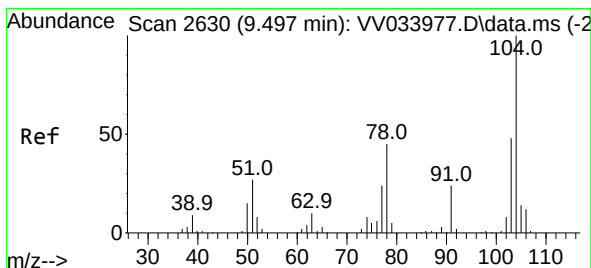
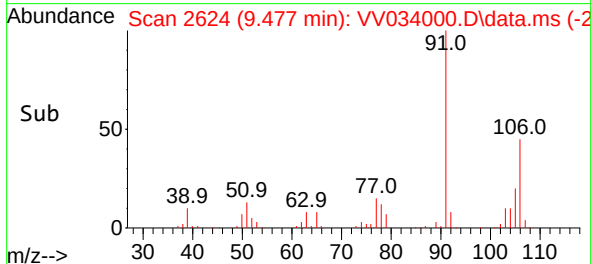
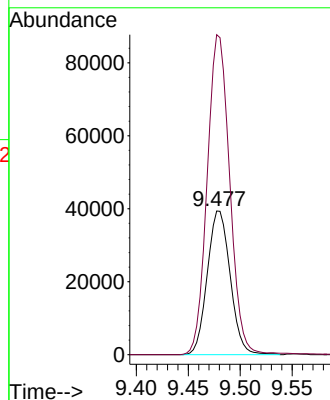
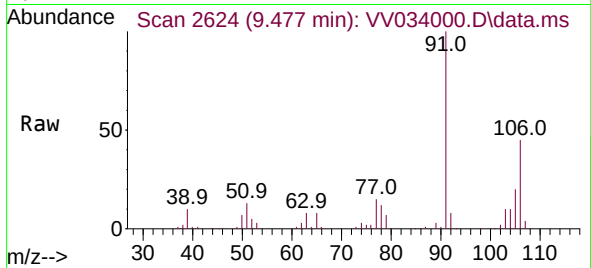




#54
o-Xylene
Concen: 5.116 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV034000.D
Acq: 05 Feb 2024 20:02

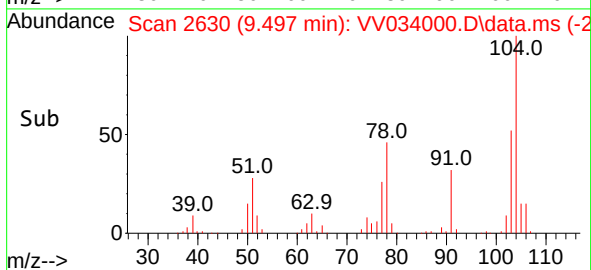
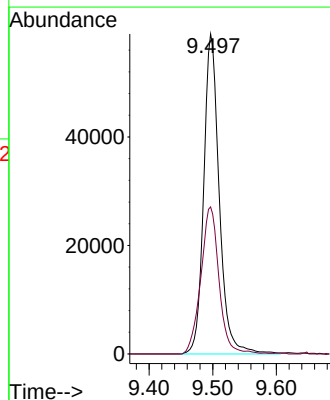
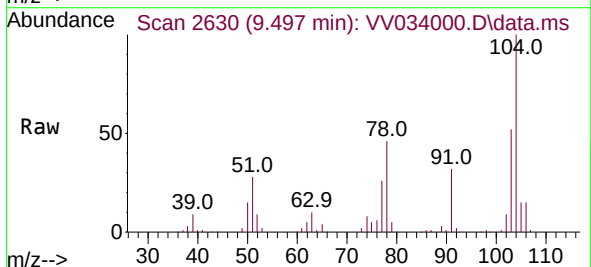
Instrument :
MSVOA_V
ClientSampleId :

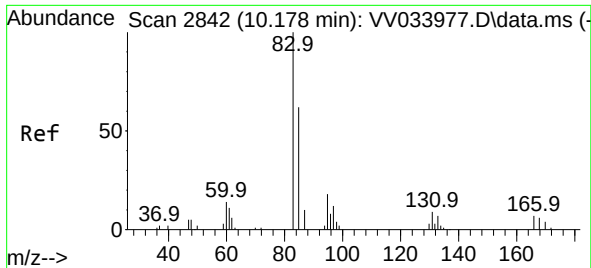
Tgt Ion:106 Resp: 60493
Ion Ratio Lower Upper
106 100
91 222.8 156.2 290.0



#55
Styrene
Concen: 5.286 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV034000.D
Acq: 05 Feb 2024 20:02

Tgt Ion:104 Resp: 100075
Ion Ratio Lower Upper
104 100
78 45.9 32.9 61.1

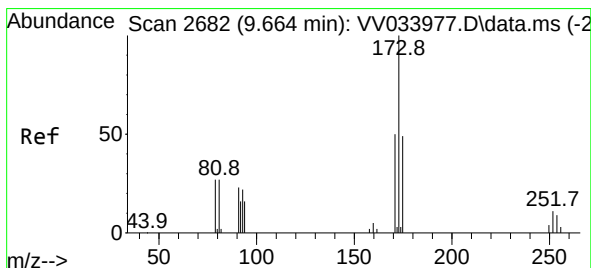
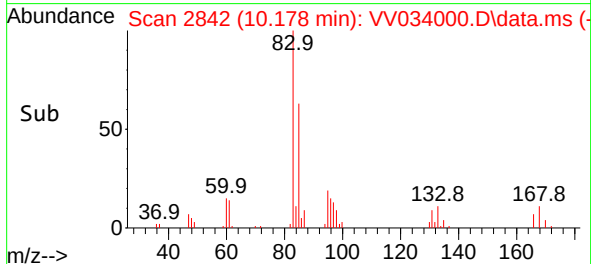
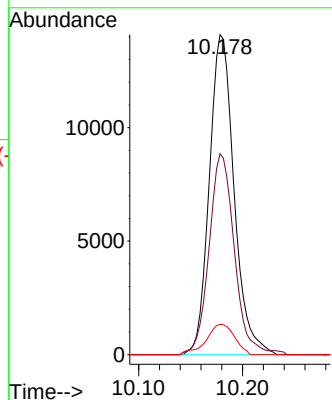
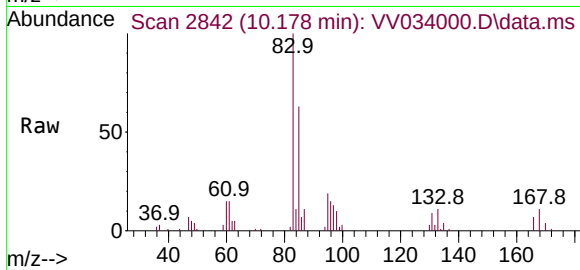




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.602 ug/L
 RT: 10.178 min Scan# 2842
 Delta R.T. -0.000 min
 Lab File: VV034000.D
 Acq: 05 Feb 2024 20:02

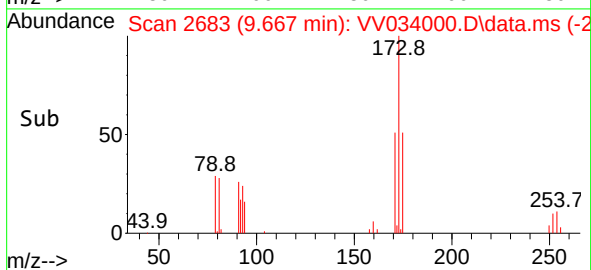
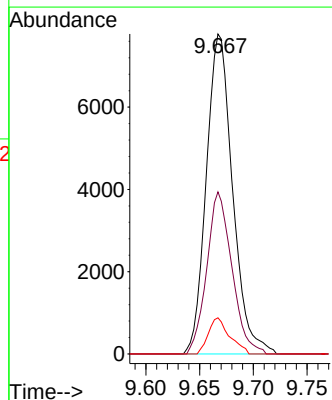
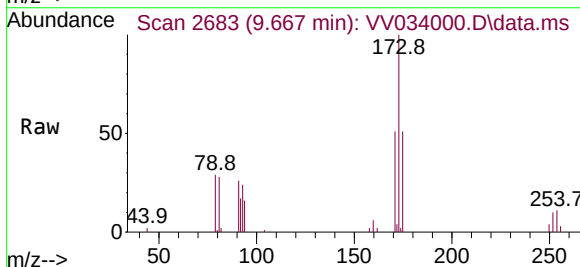
Instrument :
 MSVOA_V
 ClientSampleId :

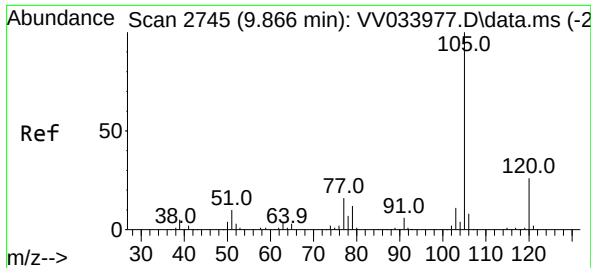
Tgt Ion:	83	Resp:	23324
Ion	Ratio	Lower	Upper
83	100		
85	62.8	46.5	86.3
131	9.5	8.4	12.6



#59
 Bromoform
 Concen: 5.251 ug/L
 RT: 9.667 min Scan# 2683
 Delta R.T. 0.003 min
 Lab File: VV034000.D
 Acq: 05 Feb 2024 20:02

Tgt Ion:	173	Resp:	13239
Ion	Ratio	Lower	Upper
173	100		
175	48.4	38.6	57.8
254	9.1	7.2	10.8

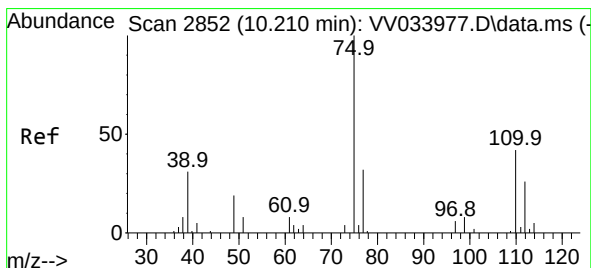
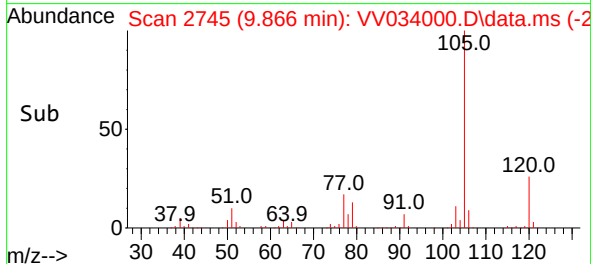
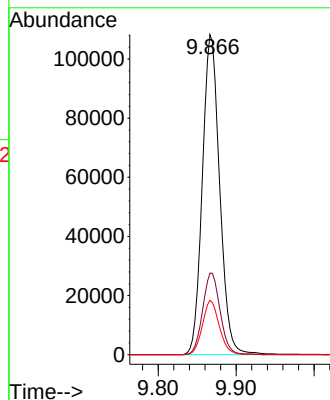
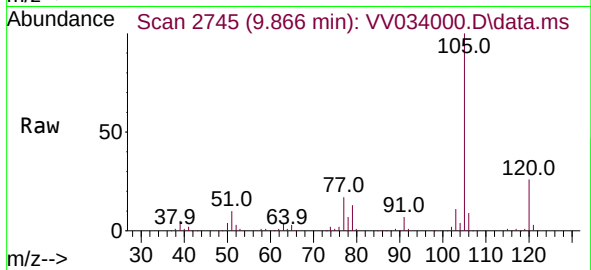




#60
Isopropylbenzene
Concen: 4.934 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034000.D
Acq: 05 Feb 2024 20:02

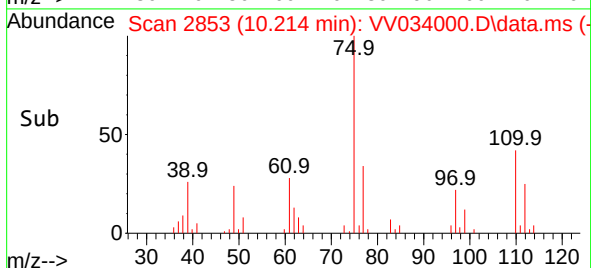
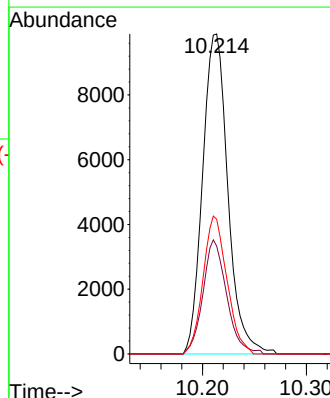
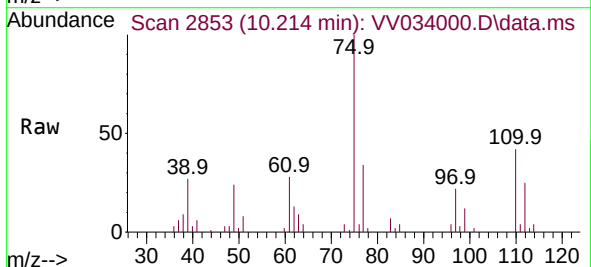
Instrument :
MSVOA_V
ClientSampleId :

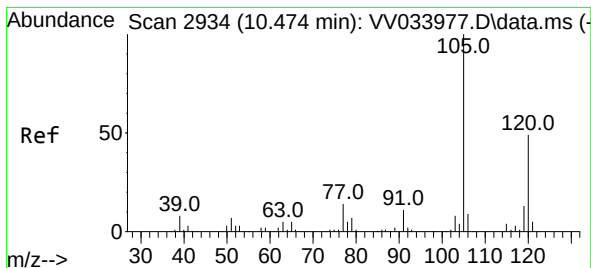
Tgt Ion:105 Resp: 167089
Ion Ratio Lower Upper
105 100
120 25.8 20.7 31.1
77 16.6 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.312 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.003 min
Lab File: VV034000.D
Acq: 05 Feb 2024 20:02

Tgt Ion: 75 Resp: 16715
Ion Ratio Lower Upper
75 100
77 33.3 26.9 40.3
110 40.7 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 4.876 ug/L

RT: 10.477 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV034000.D

Acq: 05 Feb 2024 20:02

Instrument :

MSVOA_V

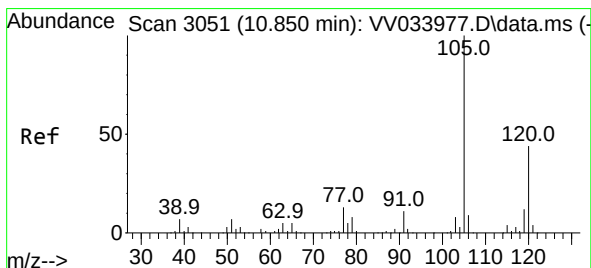
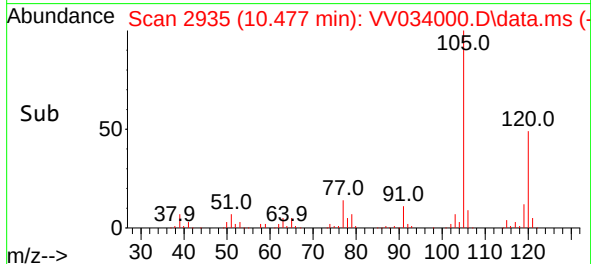
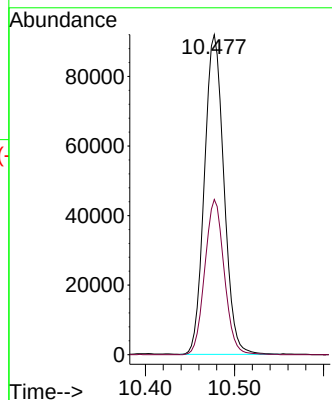
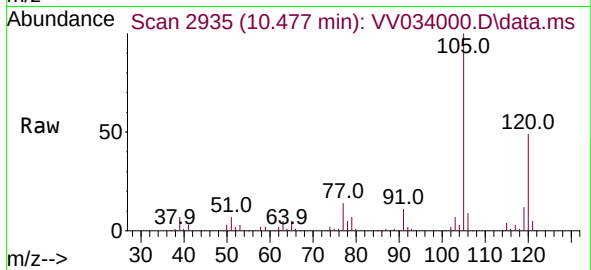
ClientSampleId :

Tgt Ion:105 Resp: 139597

Ion Ratio Lower Upper

105 100

120 48.4 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 5.058 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VV034000.D

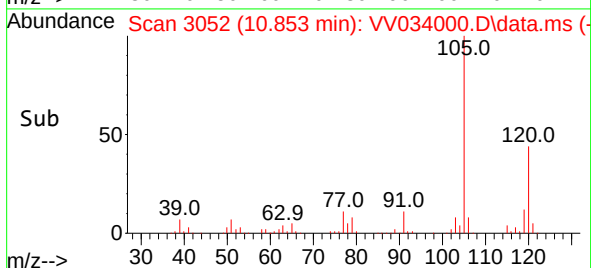
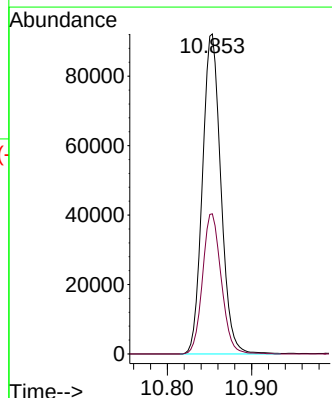
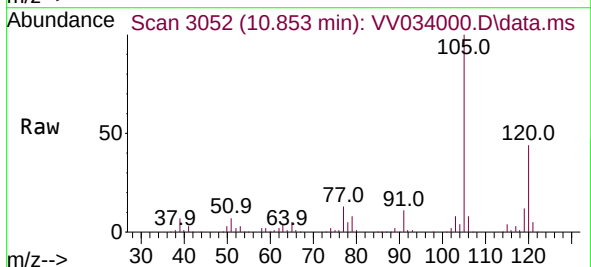
Acq: 05 Feb 2024 20:02

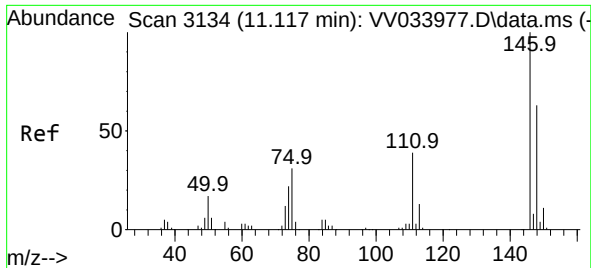
Tgt Ion:105 Resp: 140693

Ion Ratio Lower Upper

105 100

120 44.5 36.2 54.2

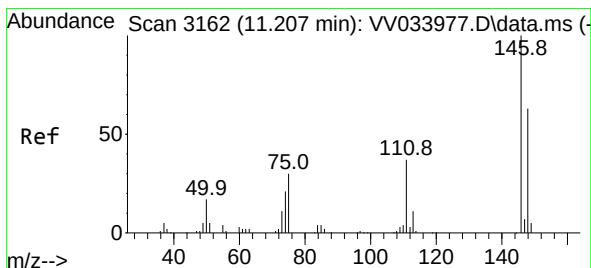
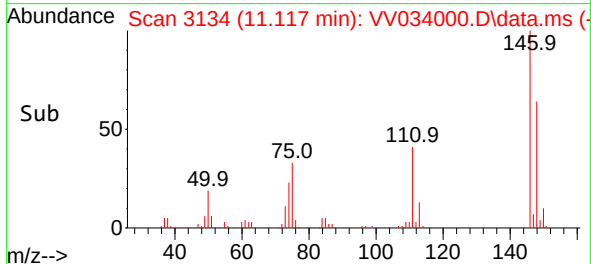
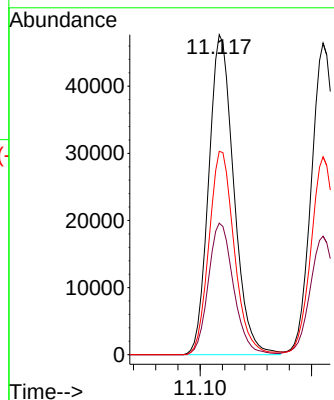
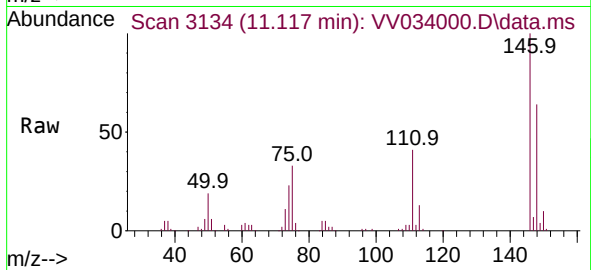




#64
1,3-Dichlorobenzene
Concen: 5.057 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV034000.D
Acq: 05 Feb 2024 20:02

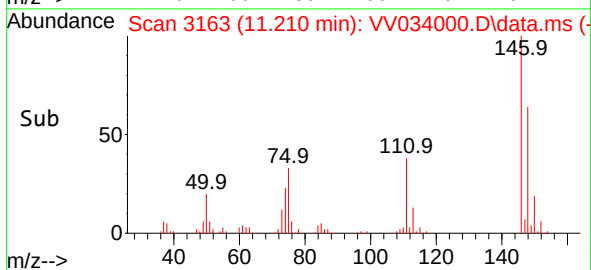
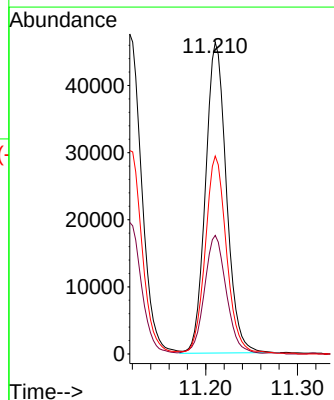
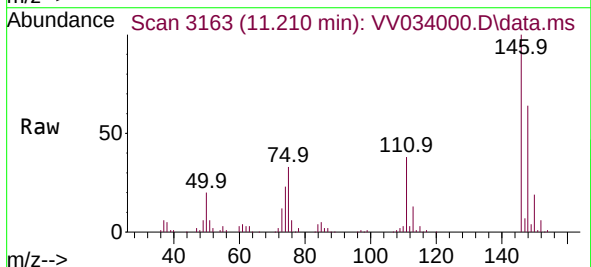
Instrument :
MSVOA_V
ClientSampleId :

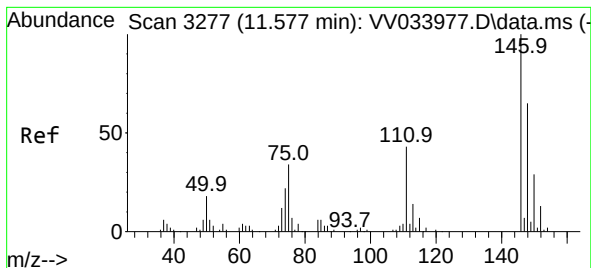
Tgt Ion:146 Resp: 74679
Ion Ratio Lower Upper
146 100
111 41.1 28.5 52.9
148 63.5 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.016 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV034000.D
Acq: 05 Feb 2024 20:02

Tgt Ion:146 Resp: 73336
Ion Ratio Lower Upper
146 100
111 38.0 27.6 51.4
148 63.5 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.174 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034000.D

Acq: 05 Feb 2024 20:02

Instrument :

MSVOA_V

ClientSampleId :

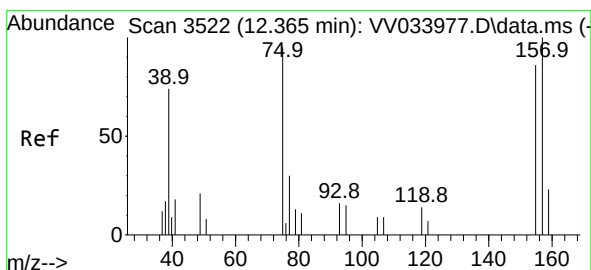
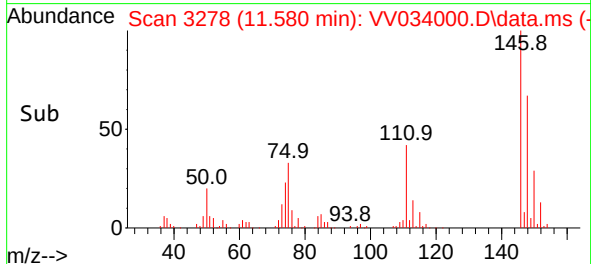
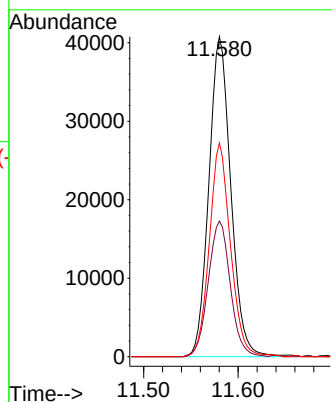
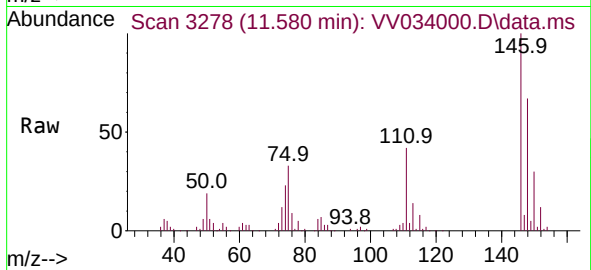
Tgt Ion:146 Resp: 65619

Ion Ratio Lower Upper

146 100

111 42.4 31.2 46.8

148 66.8 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.617 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV034000.D

Acq: 05 Feb 2024 20:02

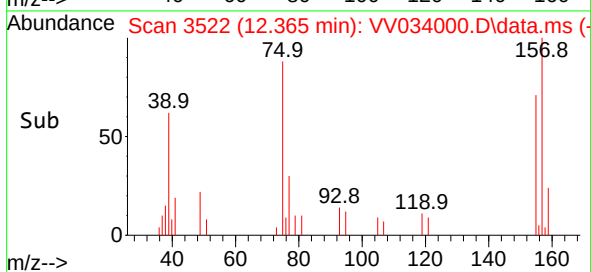
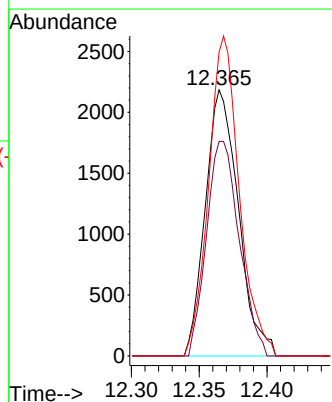
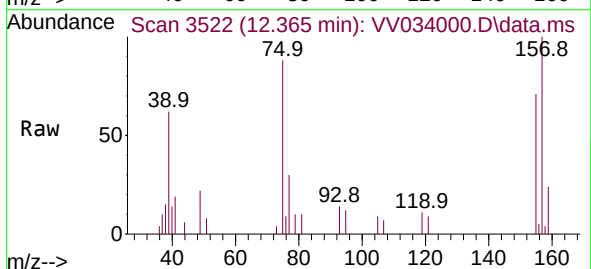
Tgt Ion: 75 Resp: 3704

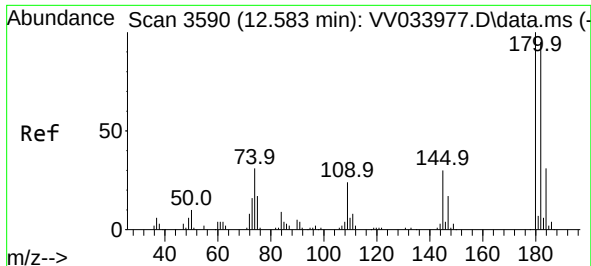
Ion Ratio Lower Upper

75 100

155 80.6 68.9 103.3

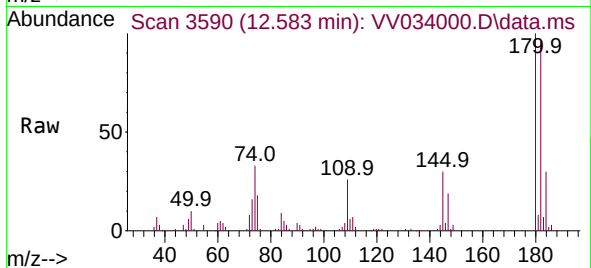
157 114.1 84.6 127.0



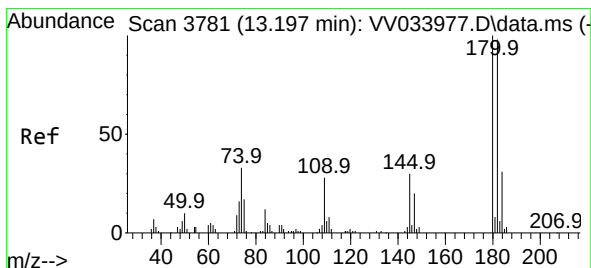
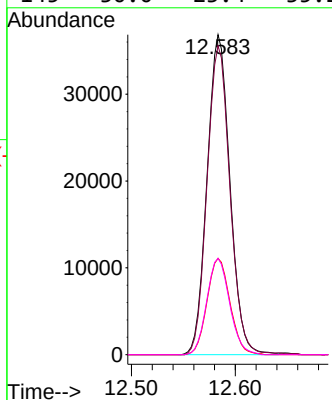
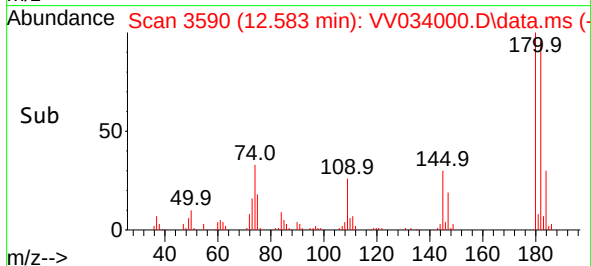


#69
 1,3,5-Trichlorobenzene
 Concen: 4.932 ug/L
 RT: 12.583 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV034000.D
 Acq: 05 Feb 2024 20:02

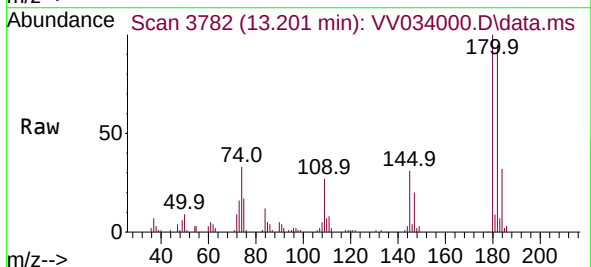
Instrument :
 MSVOA_V
 ClientSampleId :



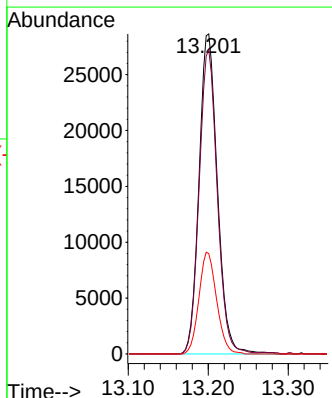
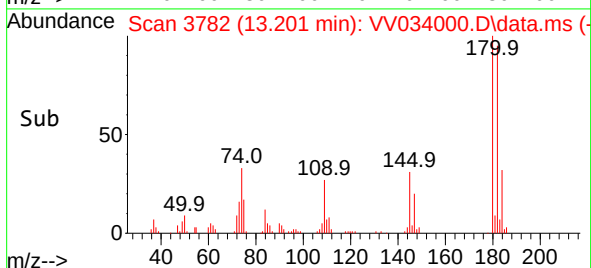
Tgt Ion:180	Resp:	56365
Ion Ratio	Lower	Upper
180	100	
182	96.6	77.0 115.4
184	30.1	23.8 35.6
145	30.0	23.4 35.2

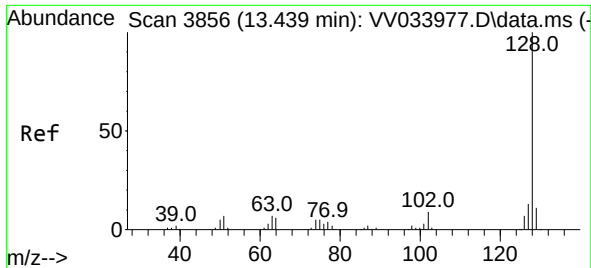


#70
 1,2,4-trichlorobenzene
 Concen: 5.142 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. 0.003 min
 Lab File: VV034000.D
 Acq: 05 Feb 2024 20:02



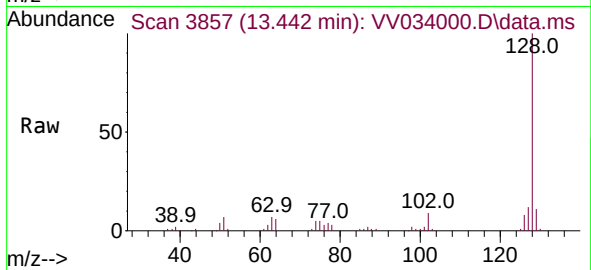
Tgt Ion:180	Resp:	45870
Ion Ratio	Lower	Upper
180	100	
182	93.5	76.8 115.2
145	30.6	24.8 37.2



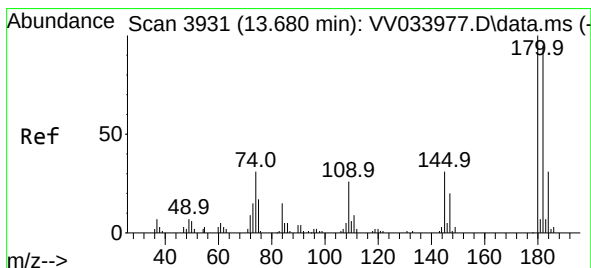
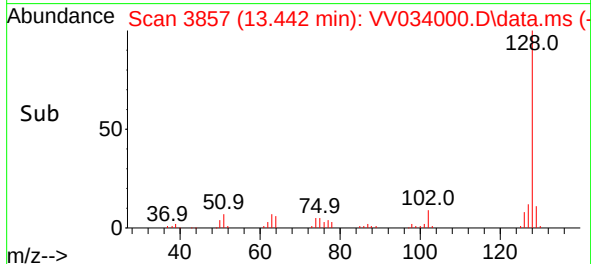
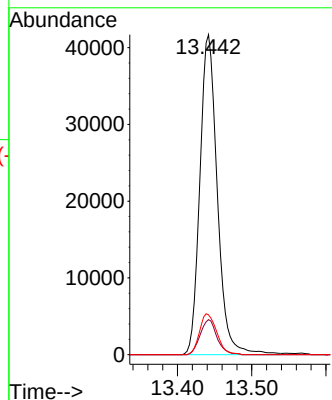


#71
Naphthalene
Concen: 5.822 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.003 min
Lab File: VV034000.D
Acq: 05 Feb 2024 20:02

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 68055
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 12.6 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.373 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.003 min
Lab File: VV034000.D
Acq: 05 Feb 2024 20:02

Tgt Ion:180 Resp: 38405
Ion Ratio Lower Upper
180 100
182 94.9 75.0 112.6
145 32.2 25.2 37.8

