

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022824\
 Data File : VW034467.D
 Acq On : 28 Feb 2024 13:29
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 29 00:37:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 29 00:34:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	142533	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	136742	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	71755	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	32973	3.985	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.800%
7) Chloroethane-d5	1.532	69	31502	4.311	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.057	65	15724	4.083	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	3.818	46	130402	60.280	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.560%
24) Chloroform-d	4.249	84	83710	5.039	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	4.947	65	44041	5.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	4.960	84	142860	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	5.992	67	44693	4.866	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.243	98	125803	4.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	7.558	79	18126	5.297	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.000%
46) 2-Hexanone-d5	8.027	63	109677	56.687	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.380%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	39639	5.452	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	53056	4.867	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	49283	5.478	ug/L	98
3) Chloromethane	1.214	50	53881	5.046	ug/L	96
5) Vinyl chloride	1.282	62	55523	5.259	ug/L	100
6) Bromomethane	1.487	94	29822	4.976	ug/L	96
8) Chloroethane	1.548	64	36585	4.898	ug/L	100
9) Trichlorofluoromethane	1.712	101	90413	5.260	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	50488	5.447	ug/L	98
12) 1,1-Dichloroethene	2.066	96	46322	5.190	ug/L	91
13) Acetone	2.147	43	109543	49.787	ug/L	100
14) Carbon disulfide	2.240	76	125213	5.235	ug/L	97
15) Methyl Acetate	2.391	43	18680	4.949	ug/L	99
16) Methylene chloride	2.446	84	53630	5.260	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	131092	5.649	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	47929	5.280	ug/L	97
19) 1,1-Dichloroethane	3.111	63	96870	5.545	ug/L	99
21) 2-Butanone	3.899	43	137268	56.829	ug/L	99
22) cis-1,2-Dichloroethene	3.815	96	55070	5.517	ug/L	97
23) Bromochloromethane	4.153	128	24120	5.797	ug/L	95
25) Chloroform	4.275	83	98973	5.454	ug/L	98

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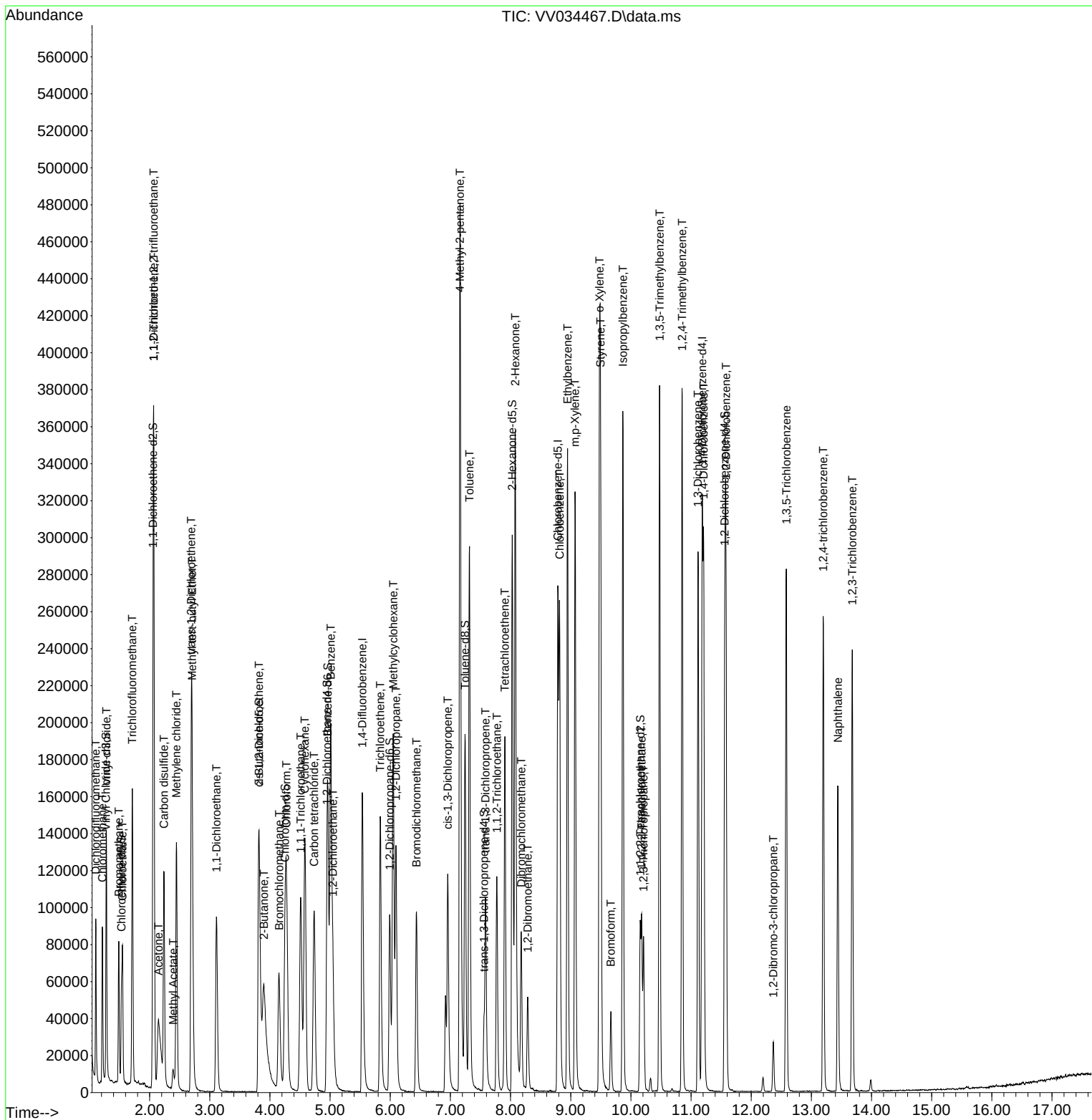
Instrument :
 MSVOA_V
 ClientSampleId :

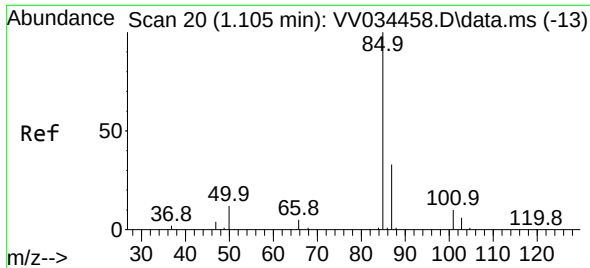
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	63048	5.693	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	87587	5.120	ug/L	100
30) Cyclohexane	4.580	56	75934	5.161	ug/L	99
31) Carbon tetrachloride	4.735	117	74628	5.027	ug/L	100
33) Benzene	5.011	78	198390	5.242	ug/L	100
34) Trichloroethene	5.834	95	53588	5.422	ug/L	97
35) Methylcyclohexane	6.050	83	79206	5.105	ug/L	99
37) 1,2-Dichloropropane	6.095	63	50027	5.347	ug/L	98
38) Bromodichloromethane	6.436	83	67327	5.281	ug/L	97
39) cis-1,3-Dichloropropene	6.957	75	72118	5.563	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	339469	58.658	ug/L	99
42) Toluene	7.317	91	213285	5.364	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	62176	5.905	ug/L	96
45) 1,1,2-Trichloroethane	7.773	97	35644	5.602	ug/L	98
47) Tetrachloroethene	7.905	164	41110	5.302	ug/L	99
48) 2-Hexanone	8.079	43	252804	61.331	ug/L	99
49) Dibromochloromethane	8.178	129	41162	5.556	ug/L	96
50) 1,2-Dibromoethane	8.285	107	33999	5.712	ug/L	99
51) Chlorobenzene	8.815	112	136938	5.302	ug/L	98
52) Ethylbenzene	8.947	91	240162	5.363	ug/L	98
53) m,p-Xylene	9.072	106	89372	5.370	ug/L	100
54) o-Xylene	9.477	106	88074	5.300	ug/L	100
55) Styrene	9.497	104	147665	5.526	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	41751	5.485	ug/L	99
59) Bromoform	9.667	173	18917	5.163	ug/L	97
60) Isopropylbenzene	9.866	105	226728	5.279	ug/L	99
61) 1,2,3-Trichloropropane	10.211	75	31673	5.721	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	196987	5.255	ug/L	100
63) 1,2,4-Trimethylbenzene	10.854	105	198093	5.276	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	111345	5.337	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	110328	5.329	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	105297	5.384	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	7019	5.018	ug/L	90
69) 1,3,5-Trichlorobenzene	12.583	180	84197	5.260	ug/L	98
70) 1,2,4-trichlorobenzene	13.198	180	74225	5.312	ug/L	96
71) Naphthalene	13.442	128	129194	5.411	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	67135	5.364	ug/L	99

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

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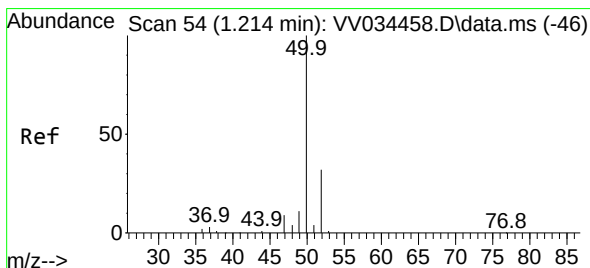
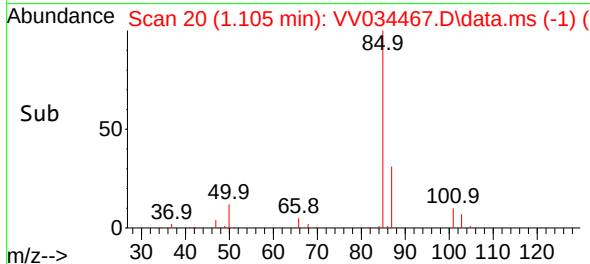
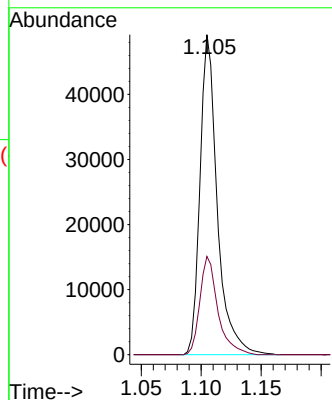
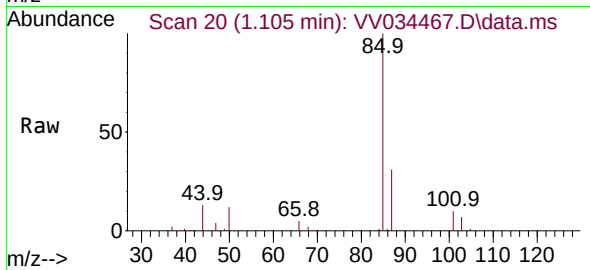




#2
 Dichlorodifluoromethane
 Concen: 5.478 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV034467.D
 Acq: 28 Feb 2024 13:29

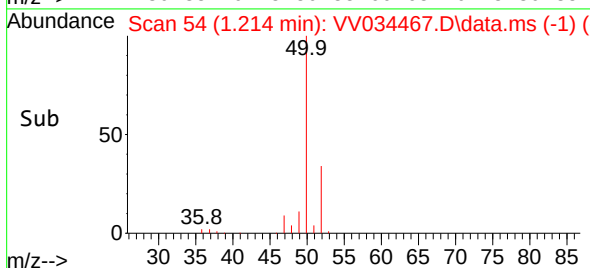
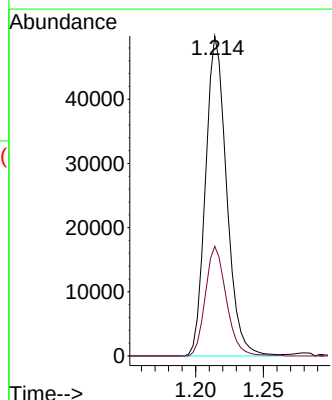
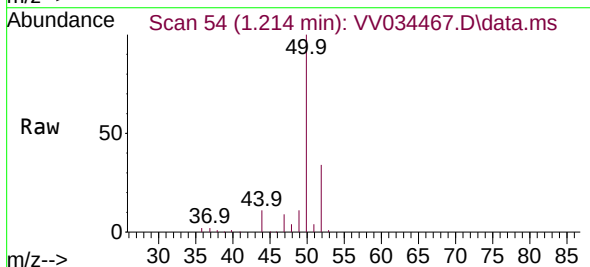
Instrument :
 MSVOA_V
 ClientSampleId :

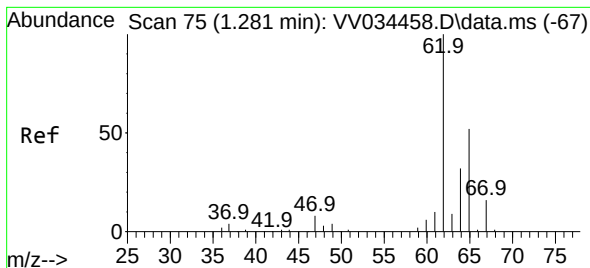
Tgt Ion: 85 Resp: 49283
 Ion Ratio Lower Upper
 85 100
 87 32.0 24.9 37.3



#3
 Chloromethane
 Concen: 5.046 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV034467.D
 Acq: 28 Feb 2024 13:29

Tgt Ion: 50 Resp: 53881
 Ion Ratio Lower Upper
 50 100
 52 34.3 22.3 41.3





#5

Vinyl chloride

Concen: 5.259 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV034467.D

Acq: 28 Feb 2024 13:29

Instrument :

MSVOA_V

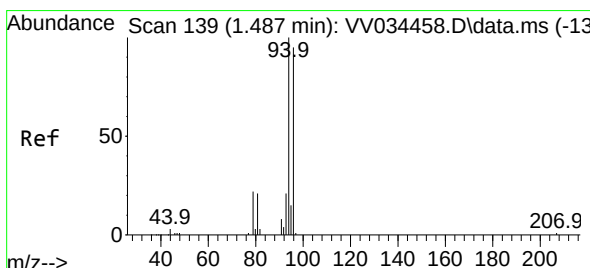
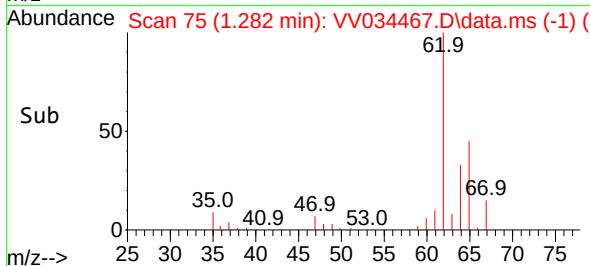
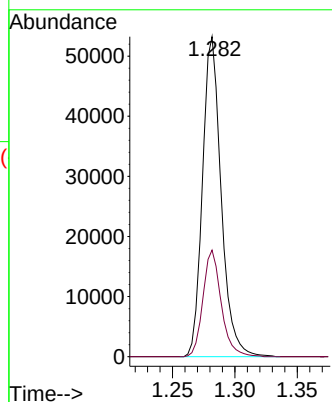
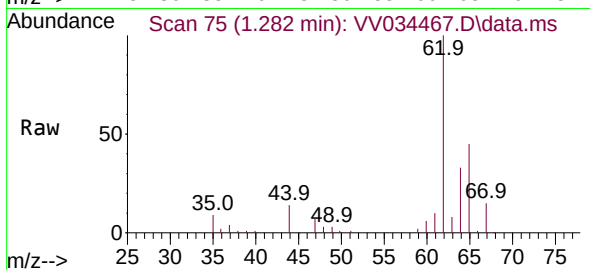
ClientSampleId :

Tgt Ion: 62 Resp: 55523

Ion Ratio Lower Upper

62 100

64 33.3 23.4 43.4



#6

Bromomethane

Concen: 4.976 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV034467.D

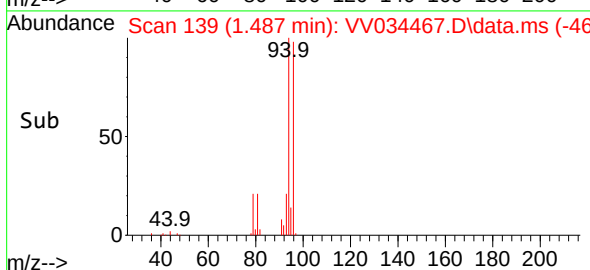
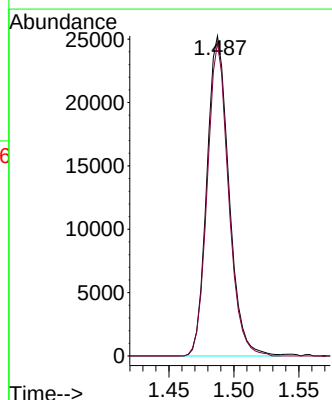
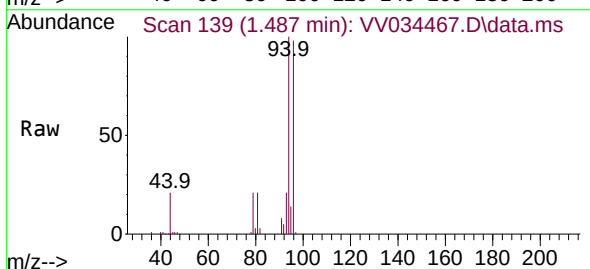
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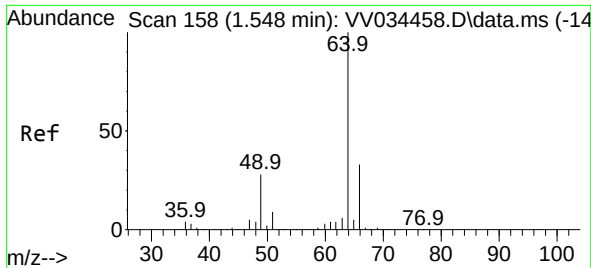
Tgt Ion: 94 Resp: 29822

Ion Ratio Lower Upper

94 100

96 97.9 65.5 121.7

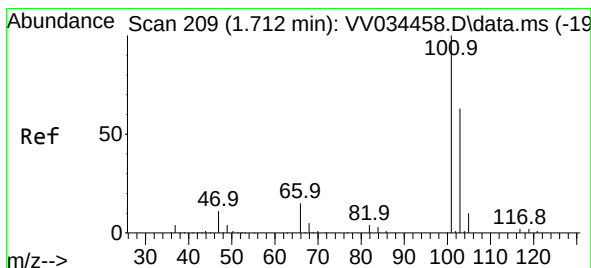
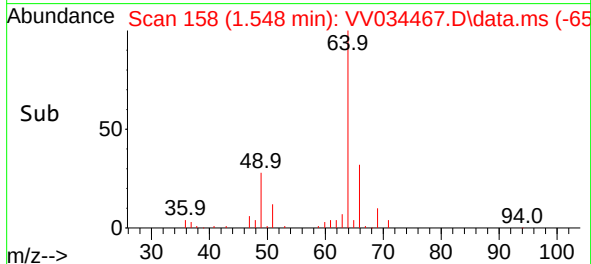
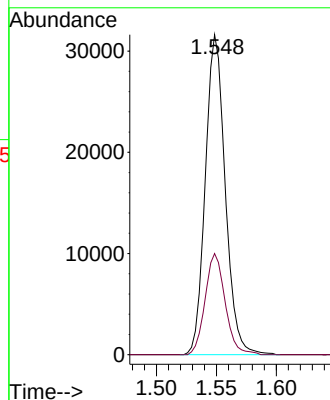
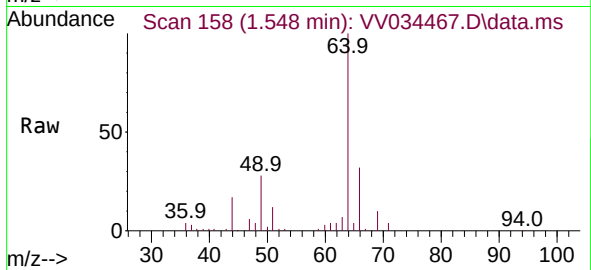




#8
Chloroethane
Concen: 4.898 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV034467.D
Acq: 28 Feb 2024 13:29

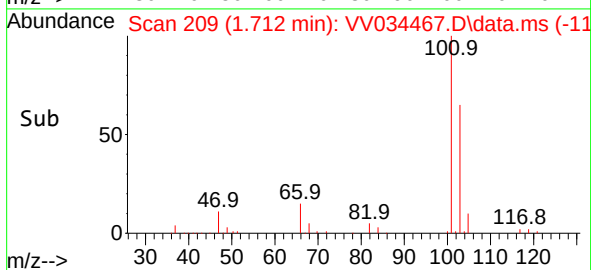
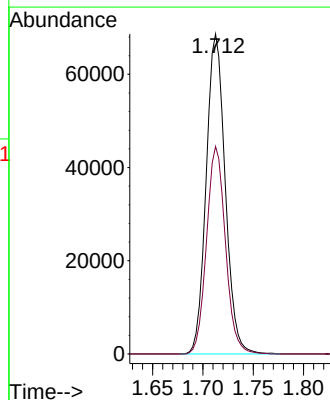
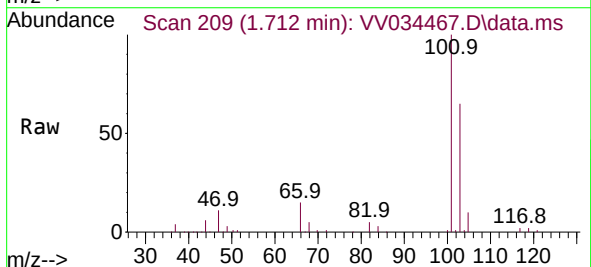
Instrument :
MSVOA_V
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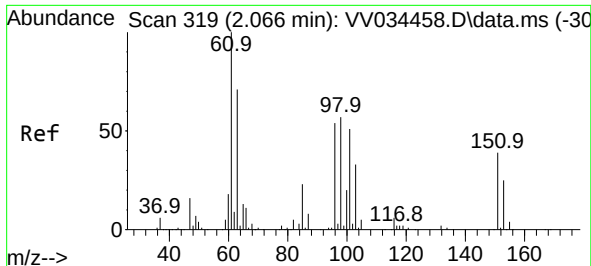
Tgt Ion: 64 Resp: 36585
Ion Ratio Lower Upper
64 100
66 31.6 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.260 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV034467.D
Acq: 28 Feb 2024 13:29

Tgt Ion:101 Resp: 90413
Ion Ratio Lower Upper
101 100
103 64.5 52.0 78.0

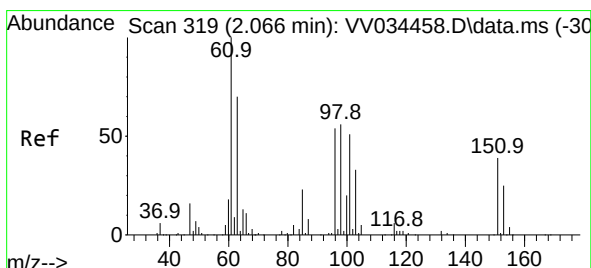
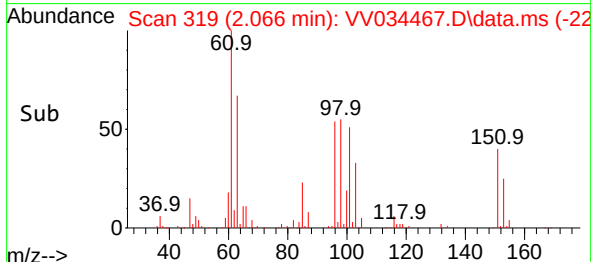
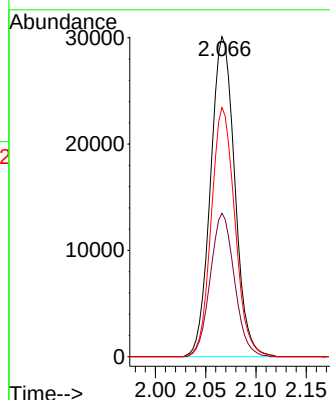
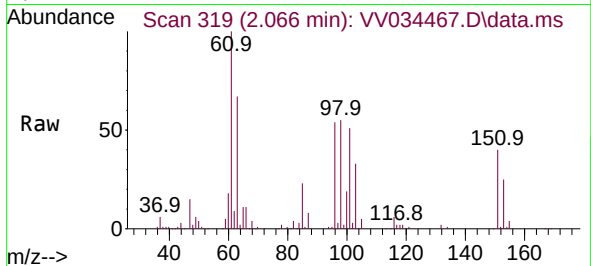




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.447 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV034467.D
 Acq: 28 Feb 2024 13:29

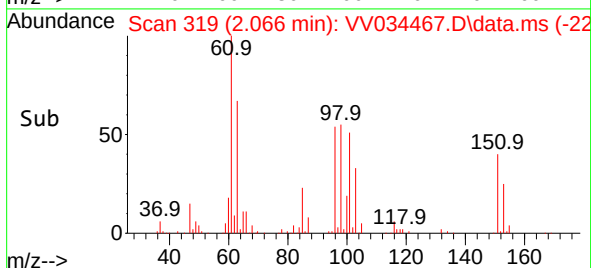
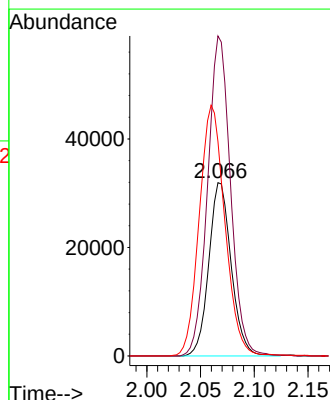
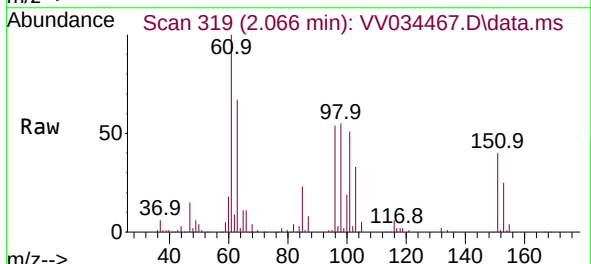
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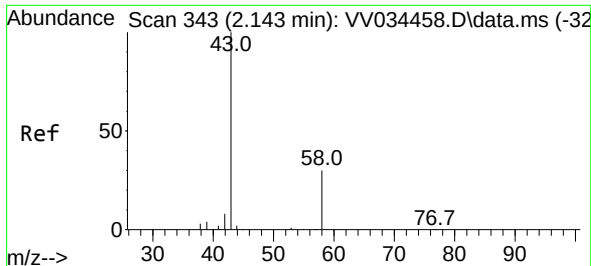
Tgt Ion:101 Resp: 50488
 Ion Ratio Lower Upper
 101 100
 85 44.6 37.9 56.9
 151 76.1 61.8 92.6



#12
 1,1-Dichloroethene
 Concen: 5.190 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV034467.D
 Acq: 28 Feb 2024 13:29

Tgt Ion: 96 Resp: 46322
 Ion Ratio Lower Upper
 96 100
 61 184.6 131.3 243.8
 63 123.7 102.8 191.0





#13

Acetone

Concen: 49.787 ug/L

RT: 2.147 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV034467.D

Acq: 28 Feb 2024 13:29

Instrument :

MSVOA_V

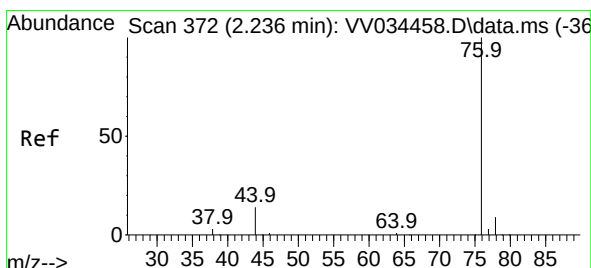
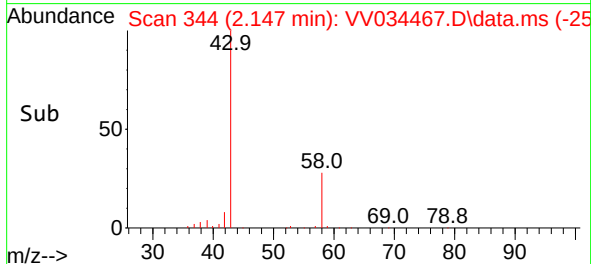
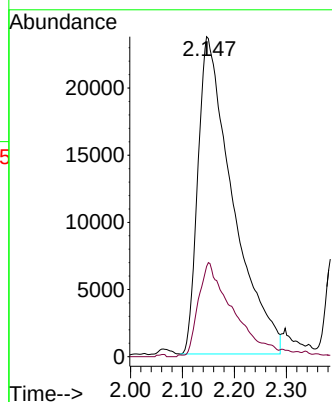
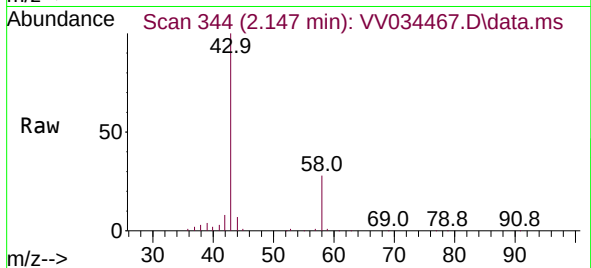
ClientSampleId :

Tgt Ion: 43 Resp: 109543

Ion Ratio Lower Upper

43 100

58 28.2 0.0 56.2



#14

Carbon disulfide

Concen: 5.235 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.003 min

Lab File: VV034467.D

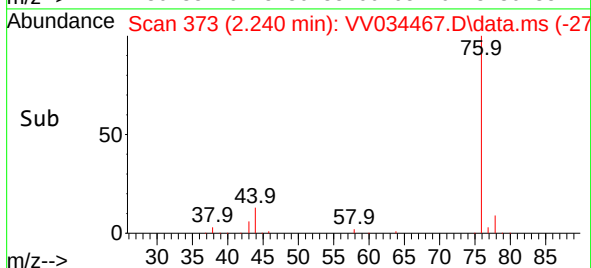
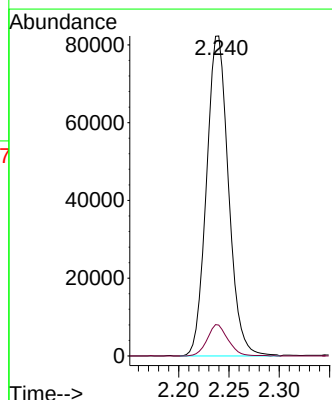
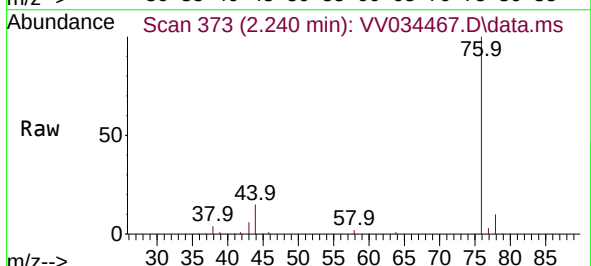
Acq: 28 Feb 2024 13:29

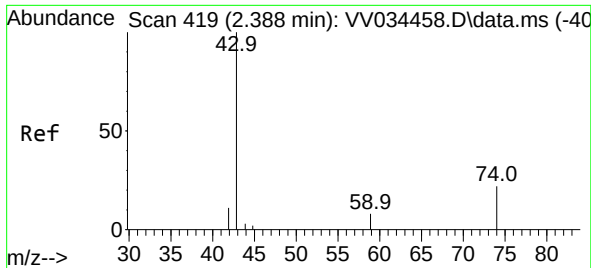
Tgt Ion: 76 Resp: 125213

Ion Ratio Lower Upper

76 100

78 9.7 7.0 10.4

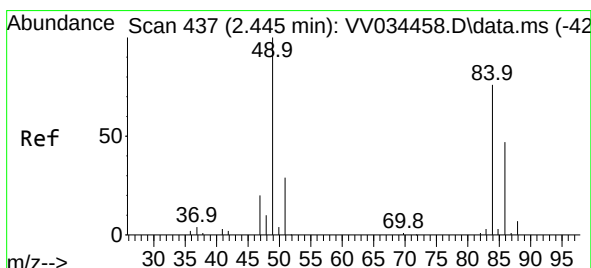
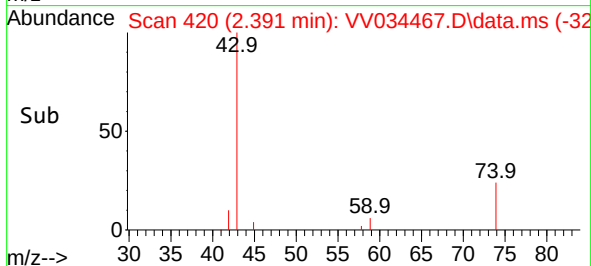
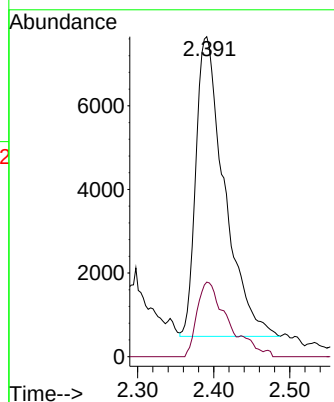
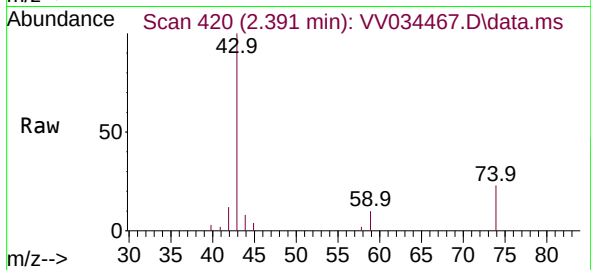




#15
Methyl Acetate
Concen: 4.949 ug/L
RT: 2.391 min Scan# 419
Delta R.T. 0.003 min
Lab File: VV034467.D
Acq: 28 Feb 2024 13:29

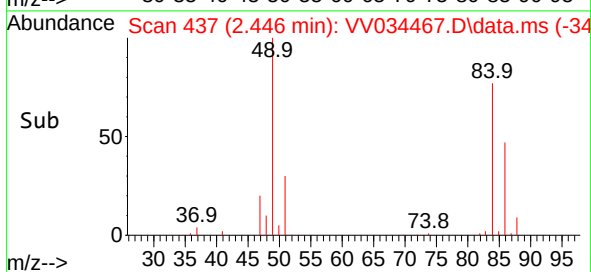
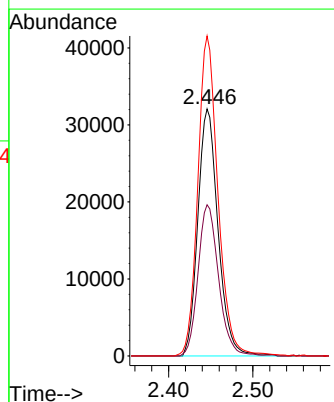
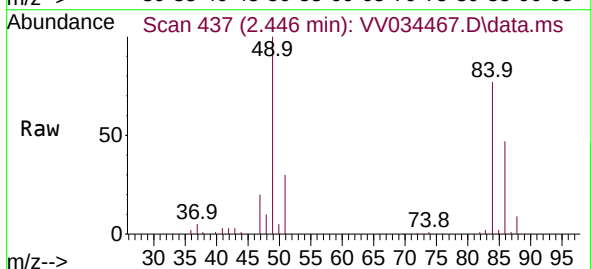
Instrument :
MSVOA_V
ClientSampleId :

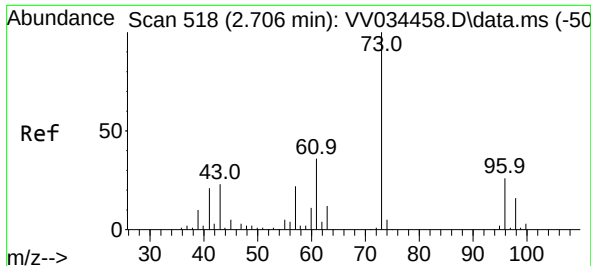
Tgt Ion: 43 Resp: 18680
Ion Ratio Lower Upper
43 100
74 23.6 18.6 28.0



#16
Methylene chloride
Concen: 5.260 ug/L
RT: 2.446 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV034467.D
Acq: 28 Feb 2024 13:29

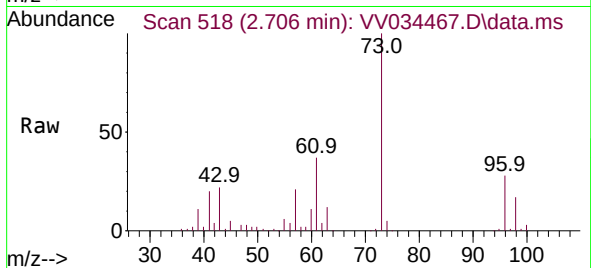
Tgt Ion: 84 Resp: 53630
Ion Ratio Lower Upper
84 100
86 61.2 43.8 81.4
49 129.5 87.6 162.8



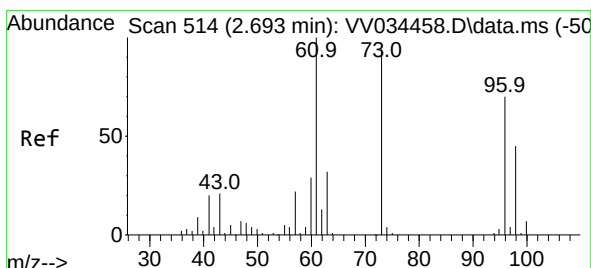
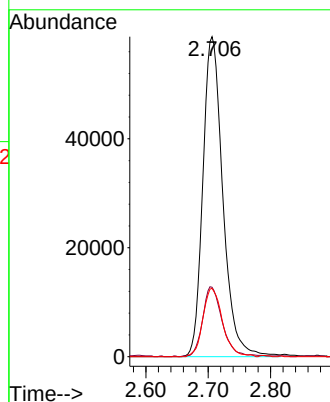
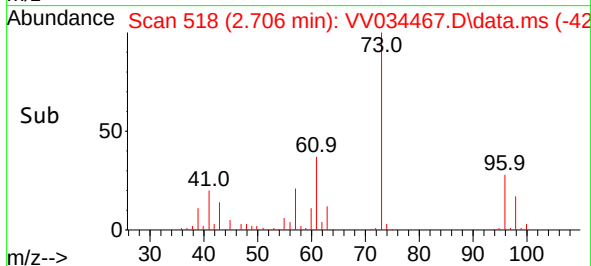


#17
Methyl tert-butyl Ether
Concen: 5.649 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV034467.D
Acq: 28 Feb 2024 13:29

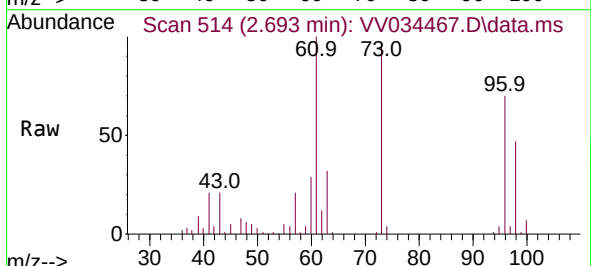
Instrument :
MSVOA_V
ClientSampleId :



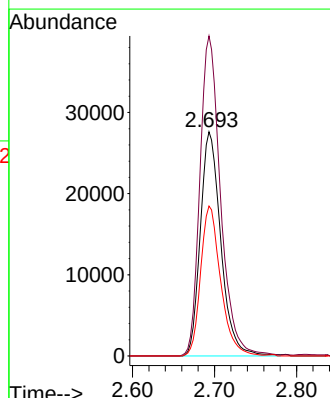
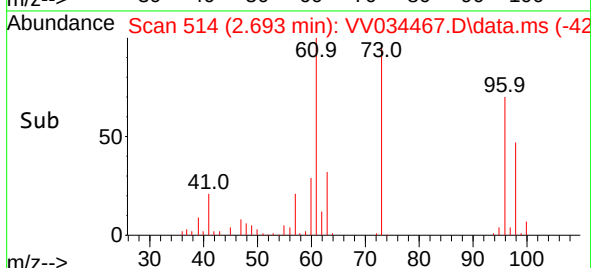
Tgt Ion: 73 Resp: 131092
Ion Ratio Lower Upper
73 100
43 21.2 18.0 27.0
57 21.0 17.0 25.6

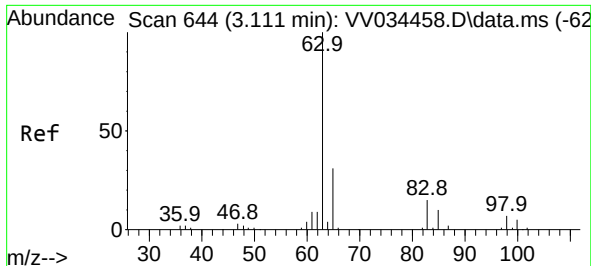


#18
trans-1,2-Dichloroethene
Concen: 5.280 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV034467.D
Acq: 28 Feb 2024 13:29



Tgt Ion: 96 Resp: 47929
Ion Ratio Lower Upper
96 100
61 142.8 101.3 188.1
98 66.9 43.5 80.7





#19

1,1-Dichloroethane

Concen: 5.545 ug/L

RT: 3.111 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV034467.D

Acq: 28 Feb 2024 13:29

Instrument :

MSVOA_V

ClientSampleId :

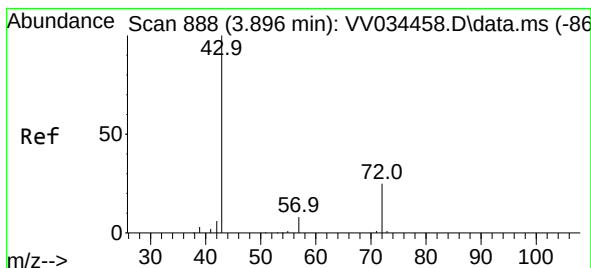
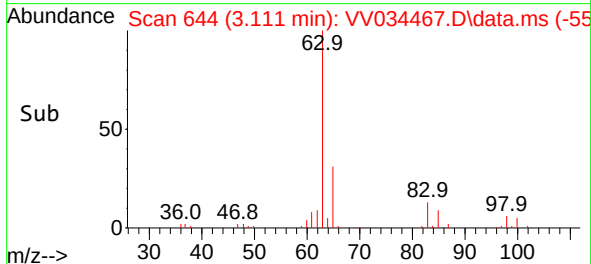
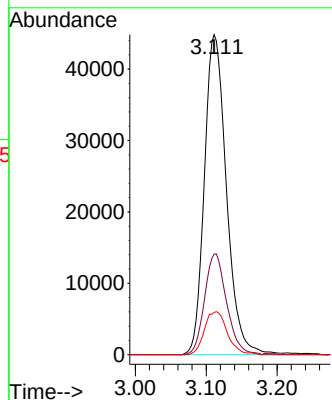
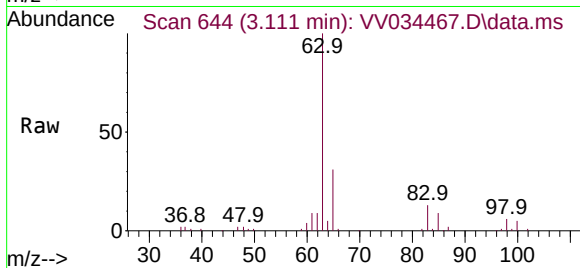
Tgt Ion: 63 Resp: 96870

Ion Ratio Lower Upper

63 100

65 31.4 22.0 41.0

83 13.2 10.1 18.9



#21

2-Butanone

Concen: 56.829 ug/L

RT: 3.899 min Scan# 889

Delta R.T. 0.003 min

Lab File: VV034467.D

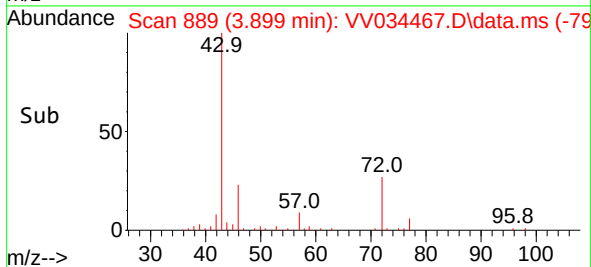
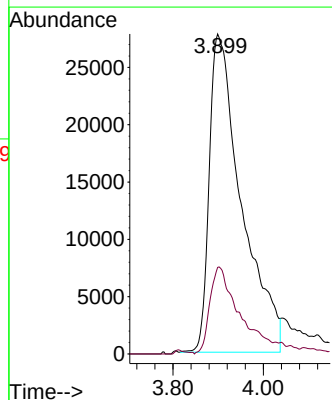
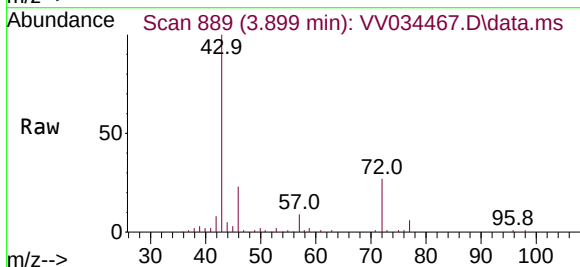
Acq: 28 Feb 2024 13:29

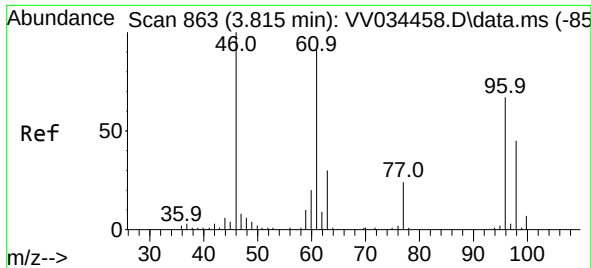
Tgt Ion: 43 Resp: 137268

Ion Ratio Lower Upper

43 100

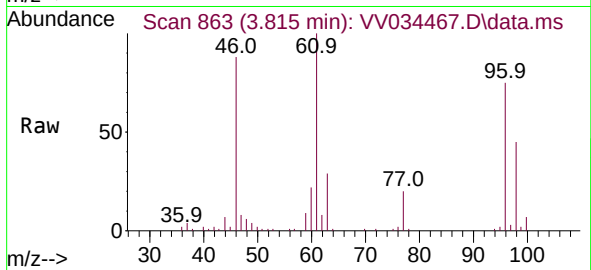
72 25.0 12.4 37.0





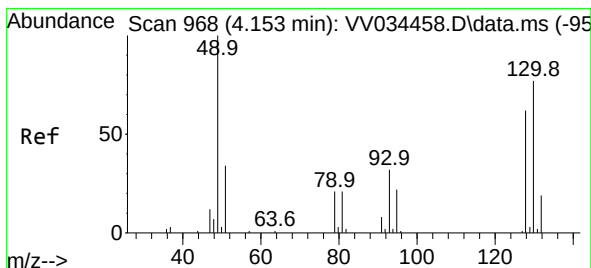
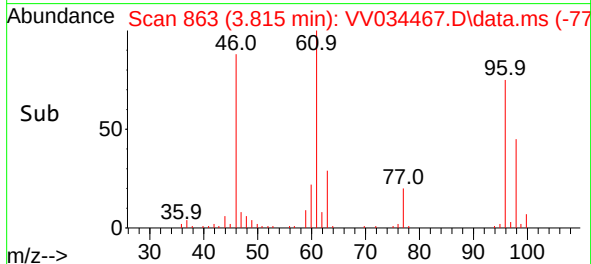
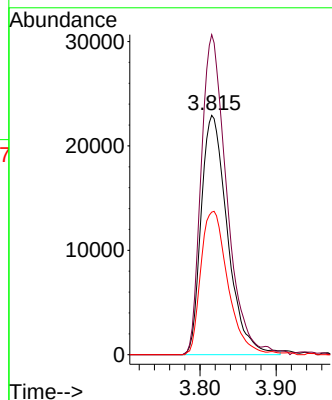
#22
 cis-1,2-Dichloroethene
 Concen: 5.517 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VV034467.D
 Acq: 28 Feb 2024 13:29

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 55070

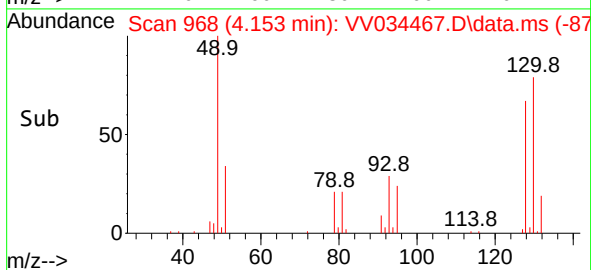
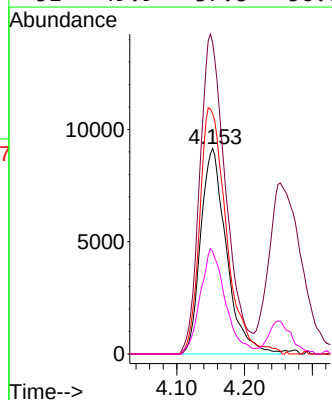
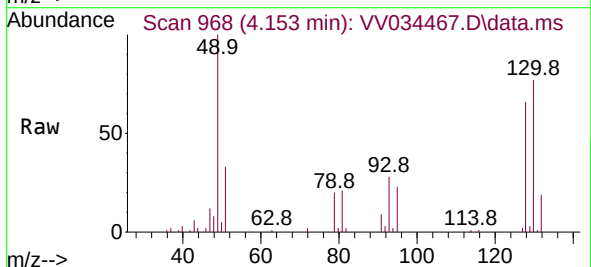
Ion	Ratio	Lower	Upper
96	100		
61	133.7	89.7	166.5
98	59.5	42.0	78.0

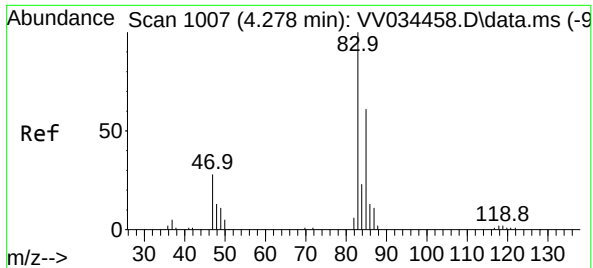


#23
 Bromochloromethane
 Concen: 5.797 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.000 min
 Lab File: VV034467.D
 Acq: 28 Feb 2024 13:29

Tgt Ion: 128 Resp: 24120

Ion	Ratio	Lower	Upper
128	100		
49	151.3	109.9	204.1
130	116.9	87.7	162.9
51	49.9	37.8	56.6

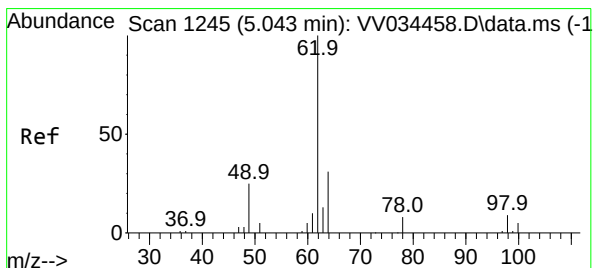
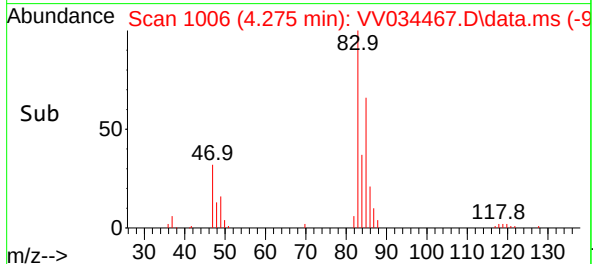
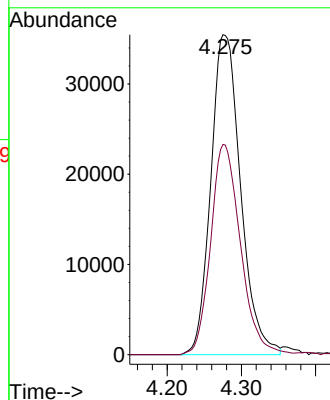
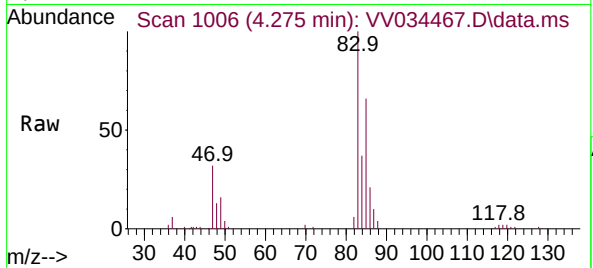




#25
Chloroform
Concen: 5.454 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. -0.003 min
Lab File: VV034467.D
Acq: 28 Feb 2024 13:29

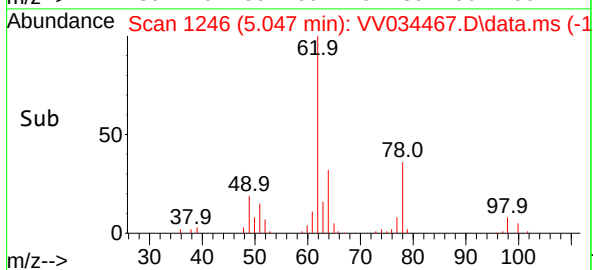
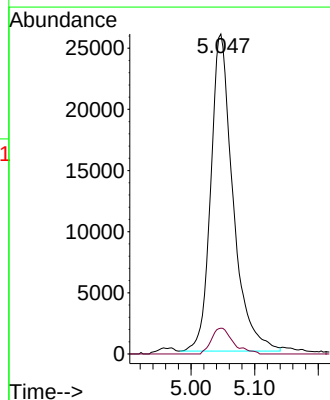
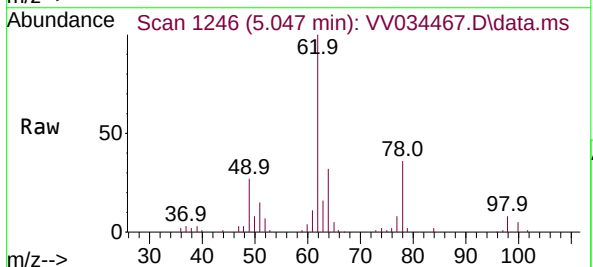
Instrument :
MSVOA_V
ClientSampleId :

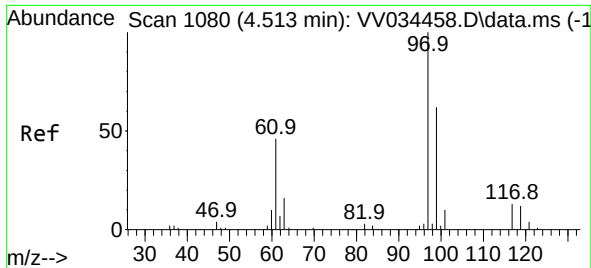
Tgt Ion: 83 Resp: 98973
Ion Ratio Lower Upper
83 100
85 65.7 47.0 87.4



#27
1,2-Dichloroethane
Concen: 5.693 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. 0.003 min
Lab File: VV034467.D
Acq: 28 Feb 2024 13:29

Tgt Ion: 62 Resp: 63048
Ion Ratio Lower Upper
62 100
98 8.1 7.0 10.6

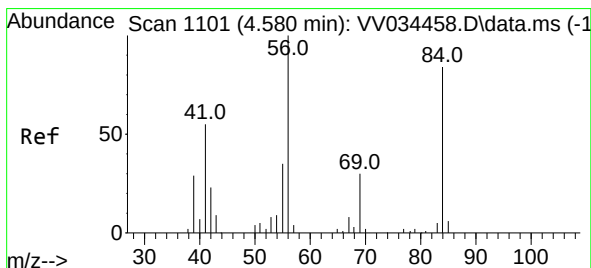
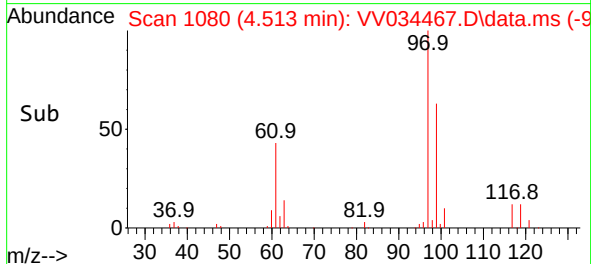
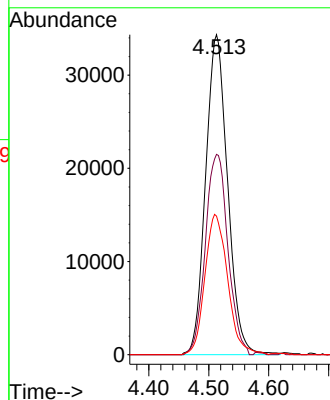
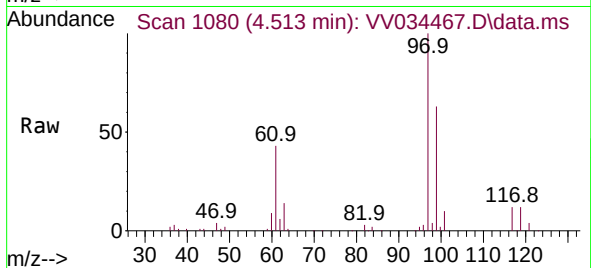




#29
1,1,1-Trichloroethane
Concen: 5.120 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VV034467.D
Acq: 28 Feb 2024 13:29

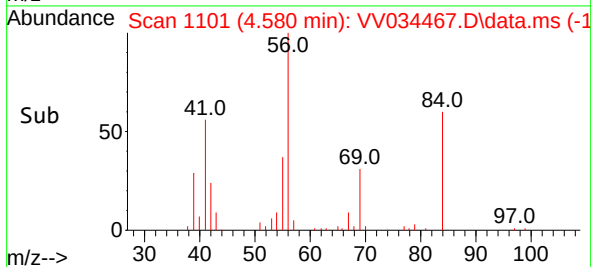
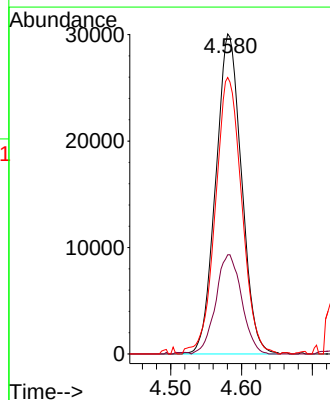
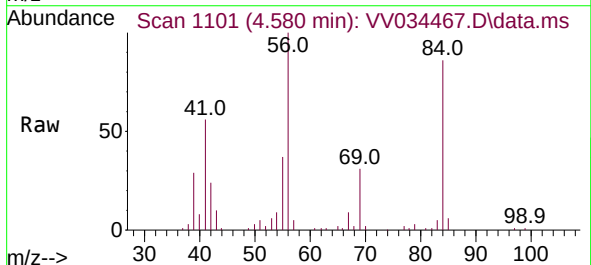
Instrument :
MSVOA_V
ClientSampleId :

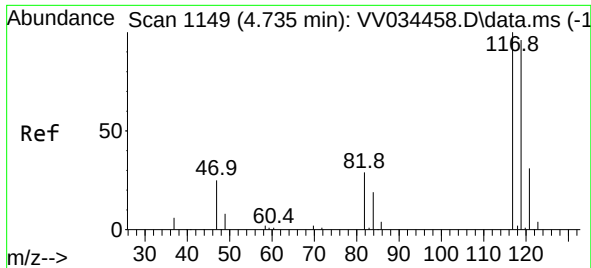
Tgt Ion: 97 Resp: 87587
Ion Ratio Lower Upper
97 100
99 64.3 51.2 76.8
61 45.5 36.1 54.1



#30
Cyclohexane
Concen: 5.161 ug/L
RT: 4.580 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VV034467.D
Acq: 28 Feb 2024 13:29

Tgt Ion: 56 Resp: 75934
Ion Ratio Lower Upper
56 100
69 31.1 24.5 36.7
84 88.5 70.3 105.5

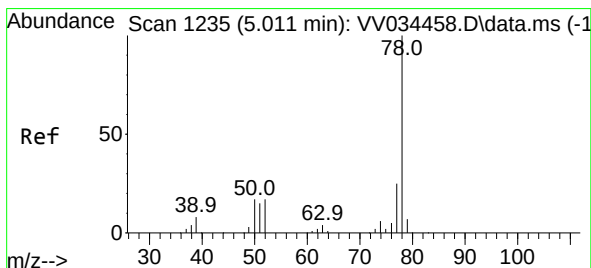
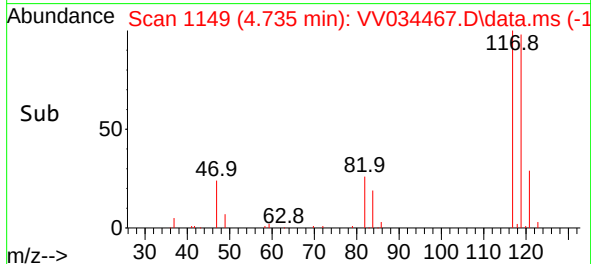
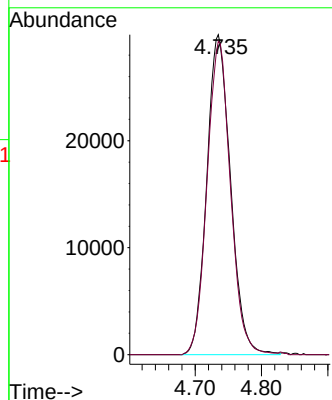
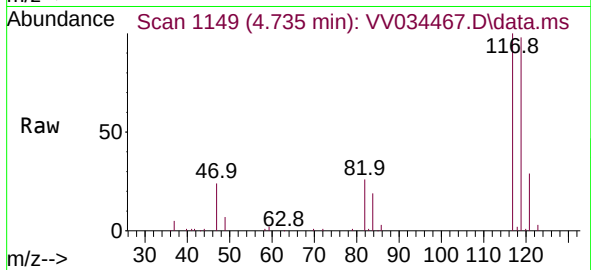




#31
Carbon tetrachloride
Concen: 5.027 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV034467.D
Acq: 28 Feb 2024 13:29

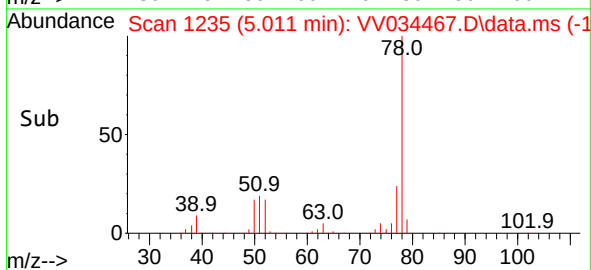
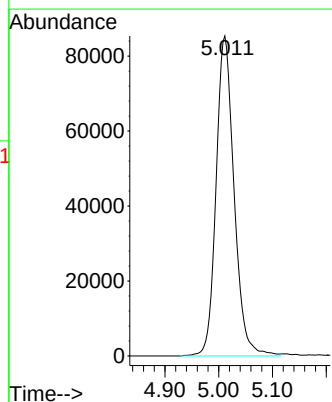
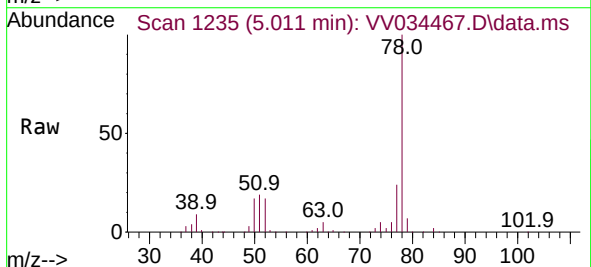
Instrument :
MSVOA_V
ClientSampleId :

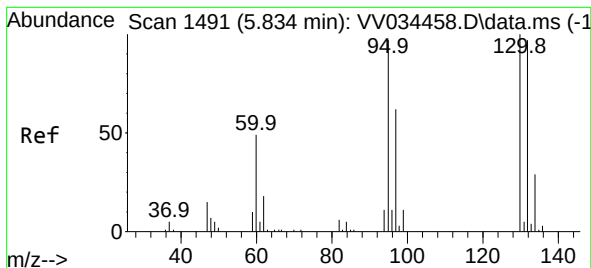
Tgt Ion:117 Resp: 74628
Ion Ratio Lower Upper
117 100
119 96.4 77.0 115.6



#33
Benzene
Concen: 5.242 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VV034467.D
Acq: 28 Feb 2024 13:29

Tgt Ion: 78 Resp: 198390





#34

Trichloroethene

Concen: 5.422 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VV034467.D

Acq: 28 Feb 2024 13:29

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 53588

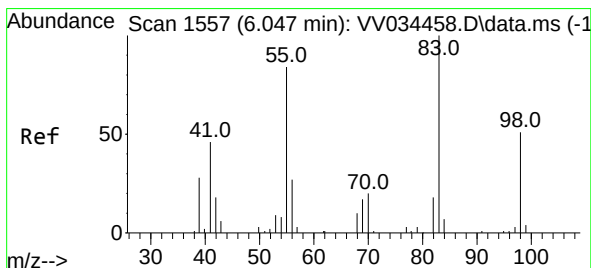
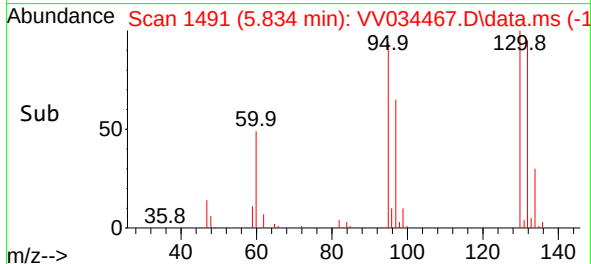
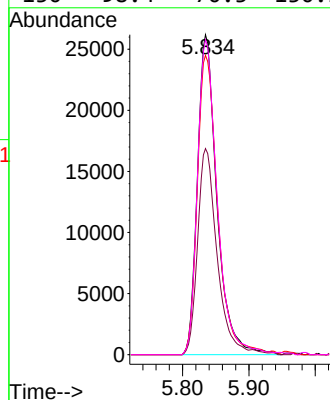
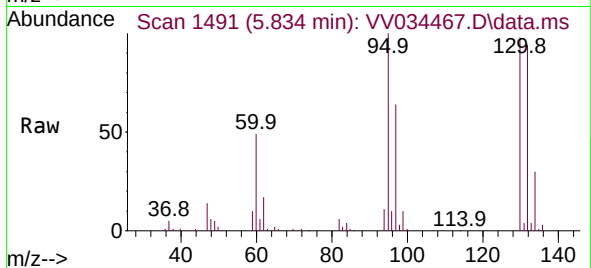
Ion Ratio Lower Upper

95 100

97 64.4 43.3 80.5

132 93.6 67.8 126.0

130 98.4 70.3 130.5



#35

Methylcyclohexane

Concen: 5.105 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV034467.D

Acq: 28 Feb 2024 13:29

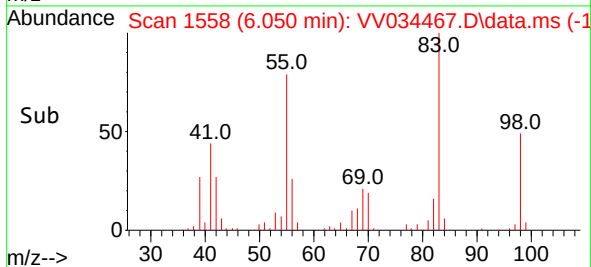
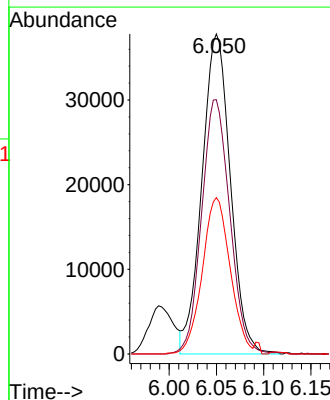
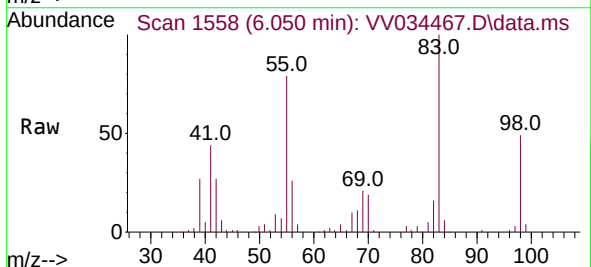
Tgt Ion: 83 Resp: 79206

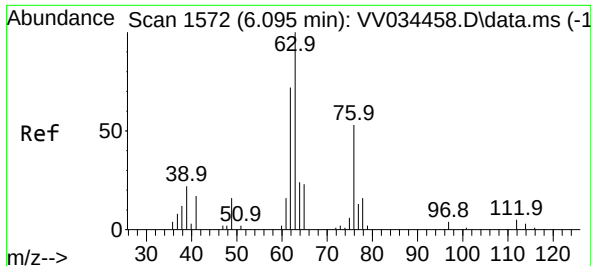
Ion Ratio Lower Upper

83 100

55 78.7 61.9 92.9

98 47.9 38.1 57.1





#37

1,2-Dichloropropane

Concen: 5.347 ug/L

RT: 6.095 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV034467.D

Acq: 28 Feb 2024 13:29

Instrument :

MSVOA_V

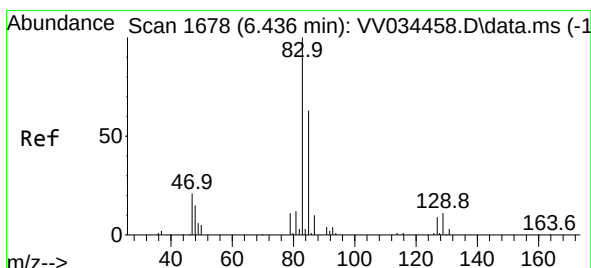
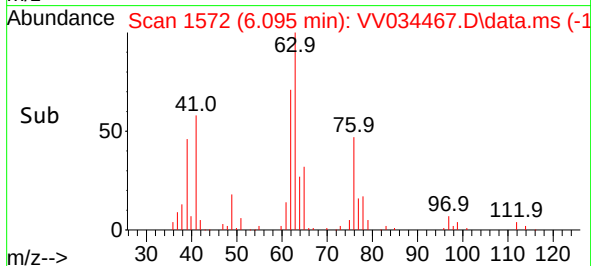
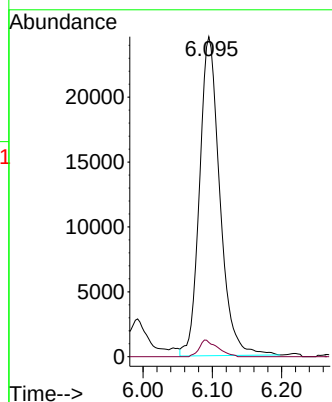
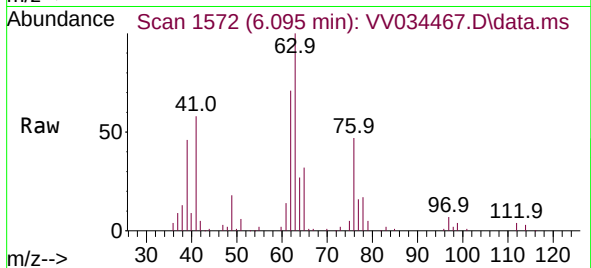
ClientSampleId :

Tgt Ion: 63 Resp: 50027

Ion Ratio Lower Upper

63 100

112 4.7 3.4 5.0



#38

Bromodichloromethane

Concen: 5.281 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VV034467.D

Acq: 28 Feb 2024 13:29

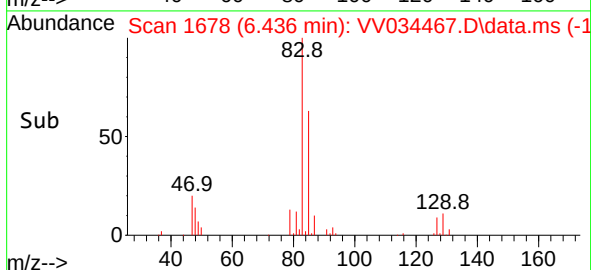
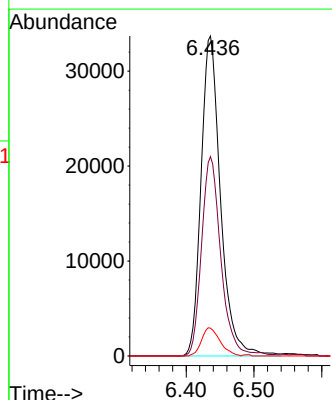
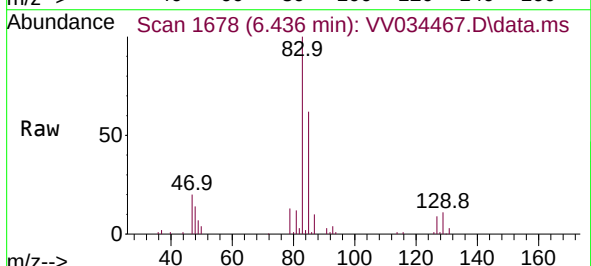
Tgt Ion: 83 Resp: 67327

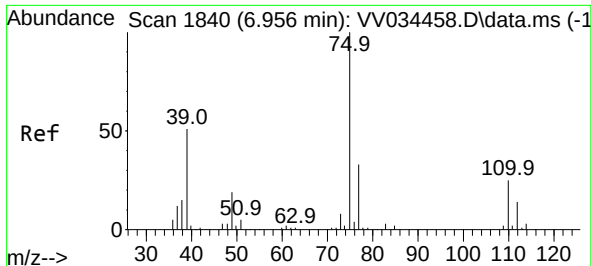
Ion Ratio Lower Upper

83 100

85 62.3 45.4 84.2

127 8.7 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 5.563 ug/L

RT: 6.957 min Scan# 1840

Delta R.T. 0.000 min

Lab File: VV034467.D

Acq: 28 Feb 2024 13:29

Instrument :

MSVOA_V

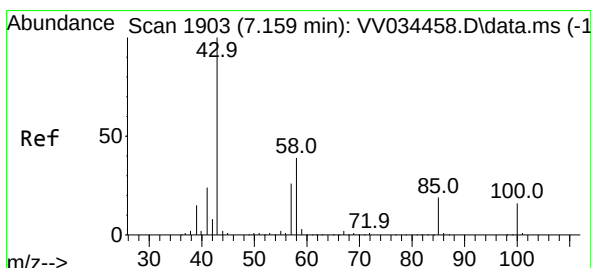
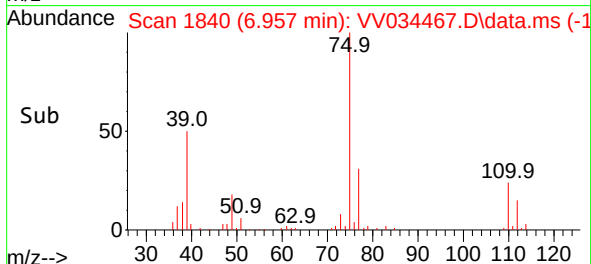
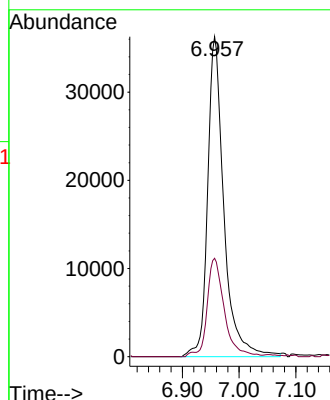
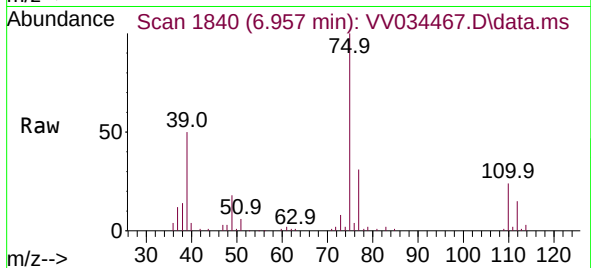
ClientSampleId :

Tgt Ion: 75 Resp: 72118

Ion Ratio Lower Upper

75 100

77 30.8 21.5 39.9



#40

4-Methyl-2-pentanone

Concen: 58.658 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV034467.D

Acq: 28 Feb 2024 13:29

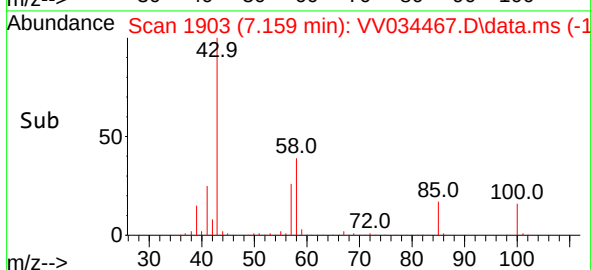
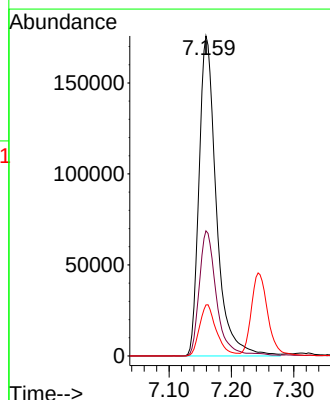
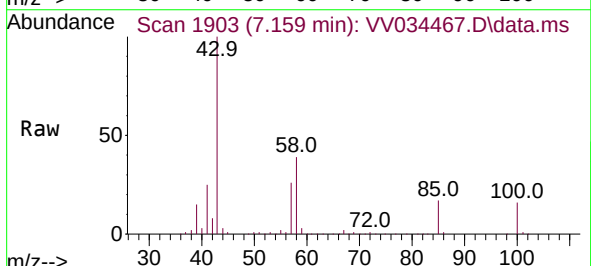
Tgt Ion: 43 Resp: 339469

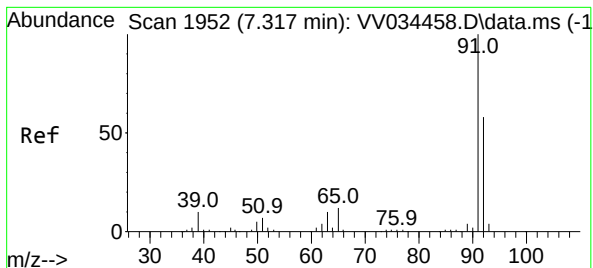
Ion Ratio Lower Upper

43 100

58 39.2 30.7 46.1

100 15.6 12.3 18.5





#42

Toluene

Concen: 5.364 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV034467.D

Acq: 28 Feb 2024 13:29

Instrument :

MSVOA_V

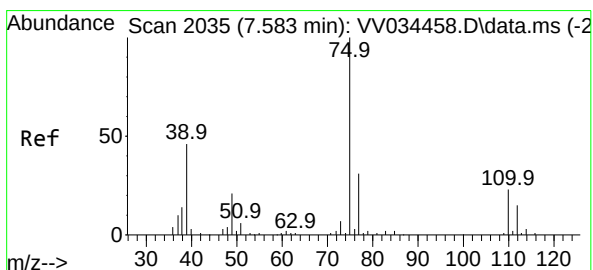
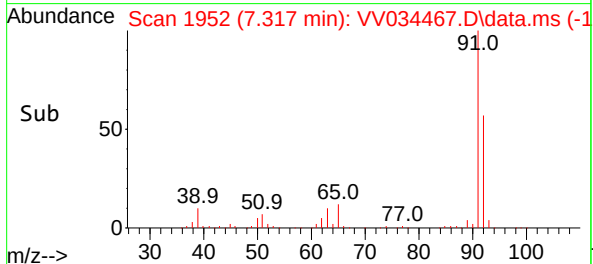
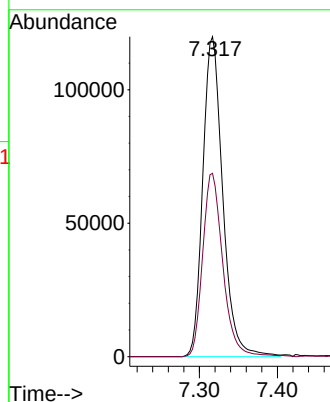
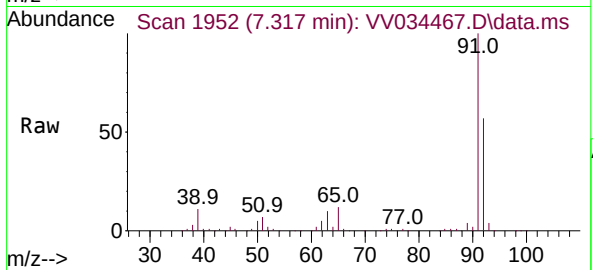
ClientSampleId :

Tgt Ion: 91 Resp: 213285

Ion Ratio Lower Upper

91 100

92 57.3 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.905 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV034467.D

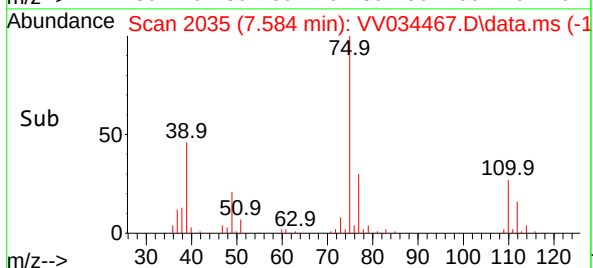
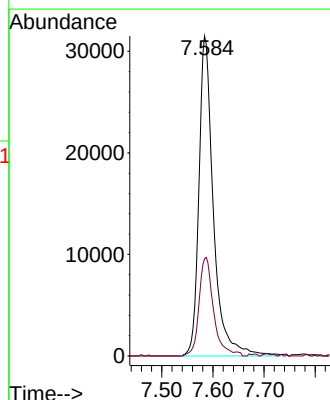
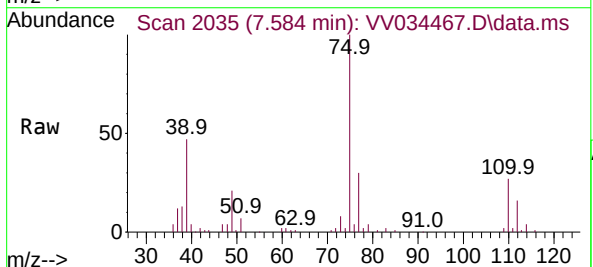
Acq: 28 Feb 2024 13:29

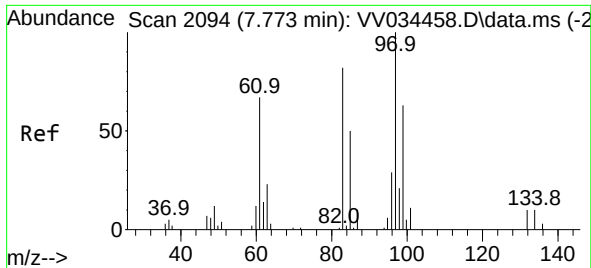
Tgt Ion: 75 Resp: 62176

Ion Ratio Lower Upper

75 100

77 30.4 22.7 42.1

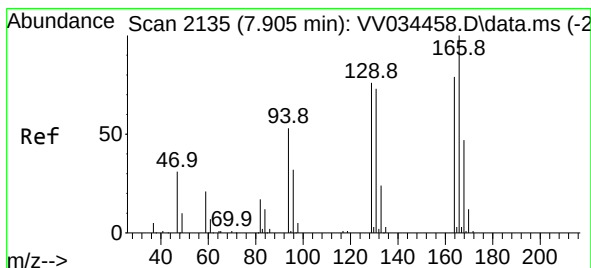
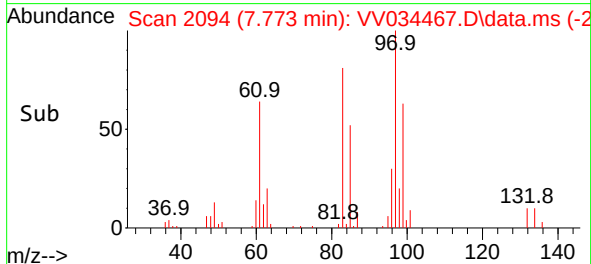
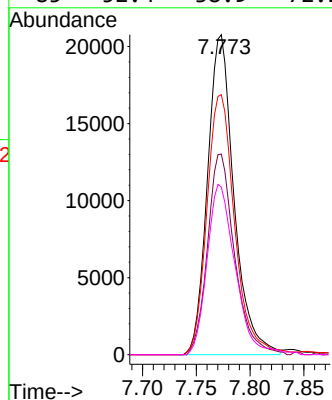
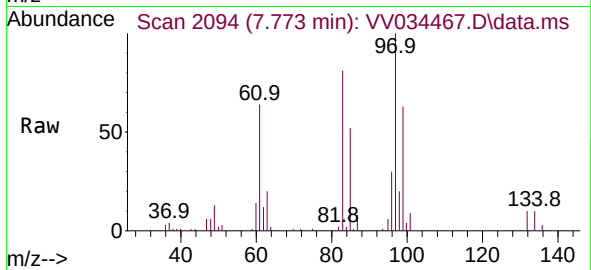




#45
1,1,2-Trichloroethane
Concen: 5.602 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.000 min
Lab File: VV034467.D
Acq: 28 Feb 2024 13:29

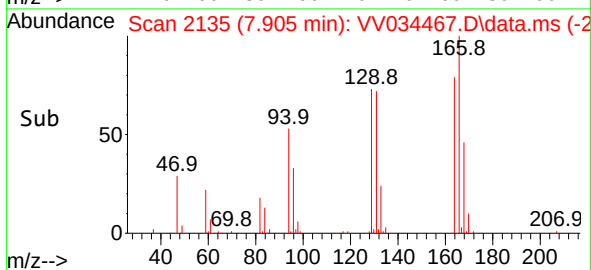
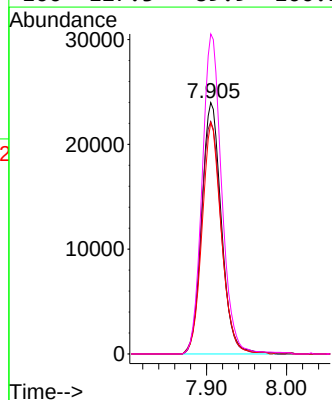
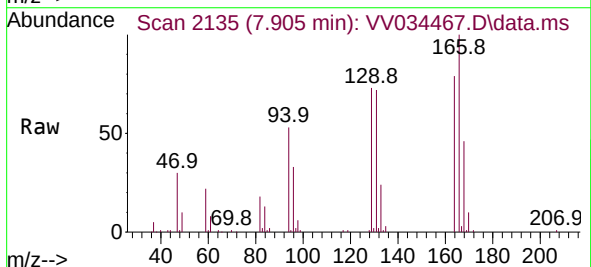
Instrument :
MSVOA_V
ClientSampleId :

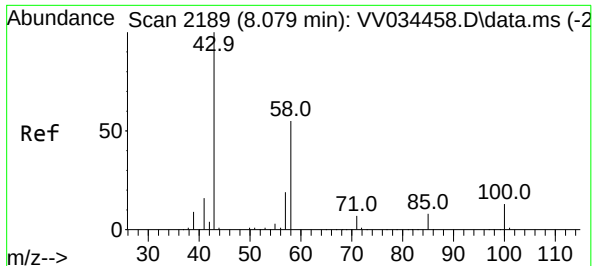
Tgt Ion:	97	Resp:	35644
Ion	Ratio	Lower	Upper
97	100		
99	62.7	43.3	80.5
83	81.2	57.9	107.5
85	52.4	38.9	72.2



#47
Tetrachloroethene
Concen: 5.302 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV034467.D
Acq: 28 Feb 2024 13:29

Tgt Ion:	164	Resp:	41110
Ion	Ratio	Lower	Upper
164	100		
129	92.5	64.2	119.2
131	91.9	65.9	122.3
166	127.3	89.9	166.9

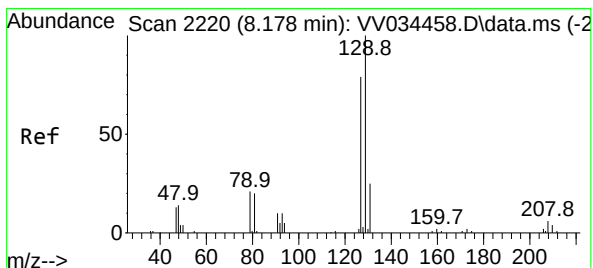
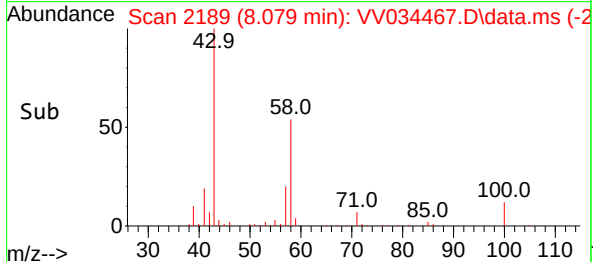
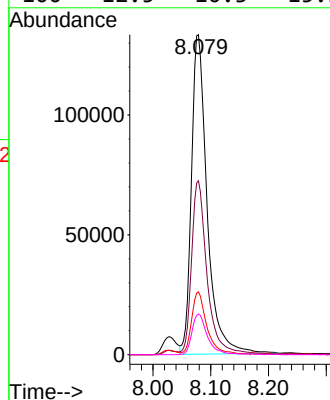
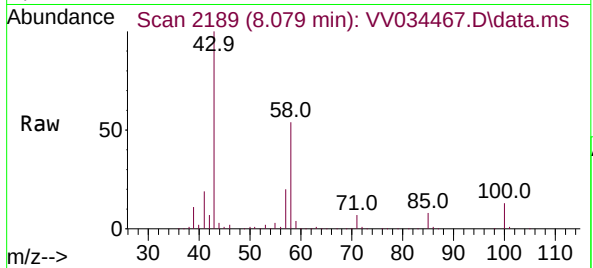




#48
2-Hexanone
Concen: 61.331 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV034467.D
Acq: 28 Feb 2024 13:29

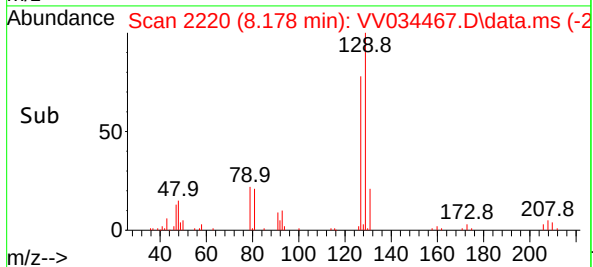
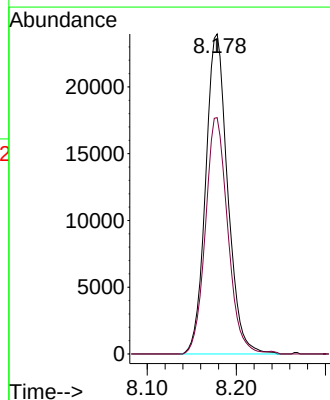
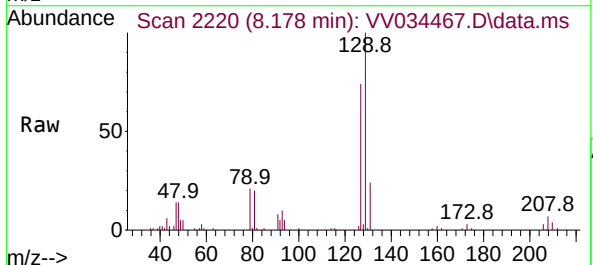
Instrument :
MSVOA_V
ClientSampleId :

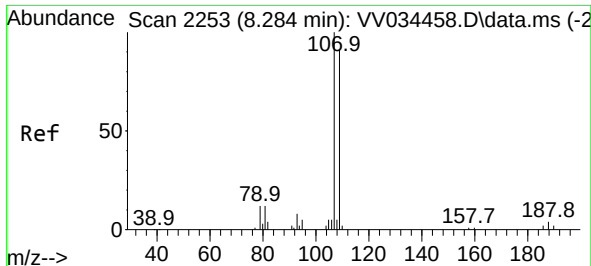
Tgt Ion: 43 Resp: 252804
Ion Ratio Lower Upper
43 100
58 53.2 43.4 65.0
57 18.7 15.5 23.3
100 12.5 10.3 15.5



#49
Dibromochloromethane
Concen: 5.556 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.000 min
Lab File: VV034467.D
Acq: 28 Feb 2024 13:29

Tgt Ion: 129 Resp: 41162
Ion Ratio Lower Upper
129 100
127 73.8 54.0 100.4





#50

1,2-Dibromoethane

Concen: 5.712 ug/L

RT: 8.285 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV034467.D

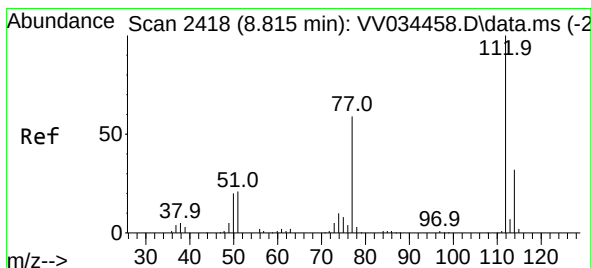
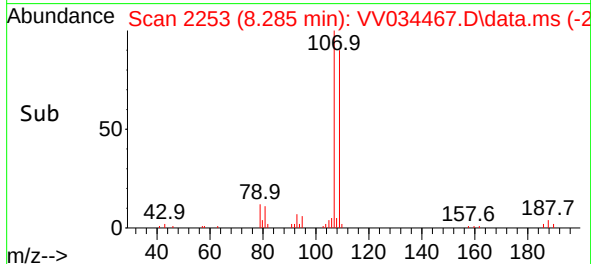
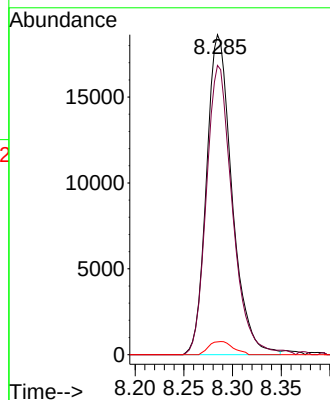
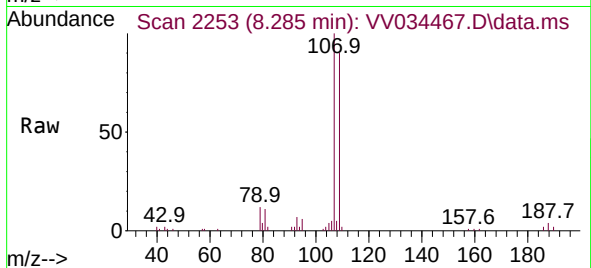
Acq: 28 Feb 2024 13:29

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	33999
Ion Ratio	Lower	Upper
107	100	
109	90.4	63.8 118.4
188	4.0	3.1 4.7



#51

Chlorobenzene

Concen: 5.302 ug/L

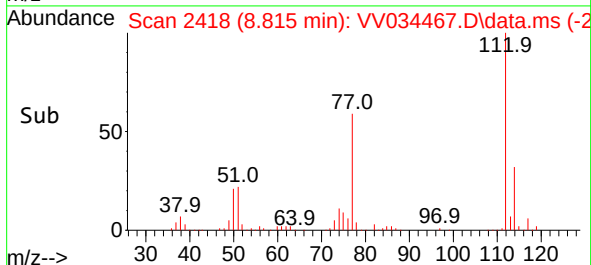
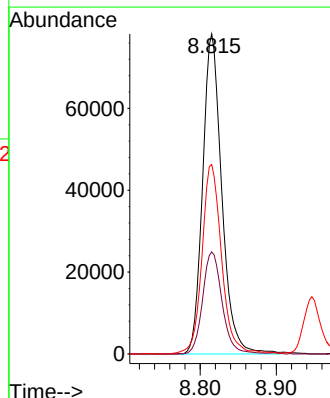
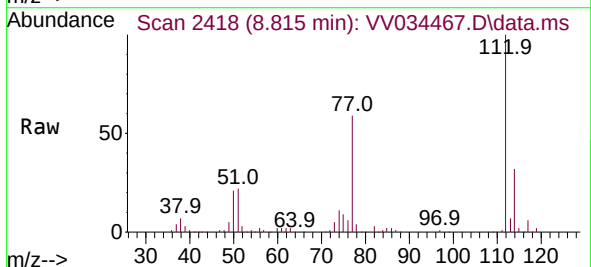
RT: 8.815 min Scan# 2418

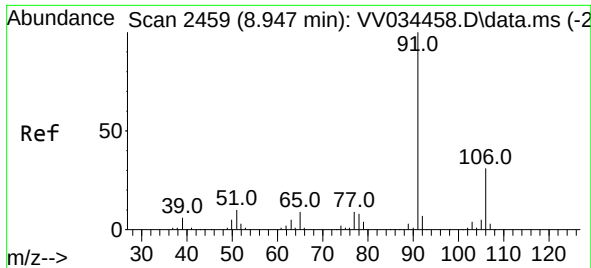
Delta R.T. 0.000 min

Lab File: VV034467.D

Acq: 28 Feb 2024 13:29

Tgt Ion:112	Resp:	136938
Ion Ratio	Lower	Upper
112	100	
114	31.9	22.5 41.9
77	59.2	45.4 68.2

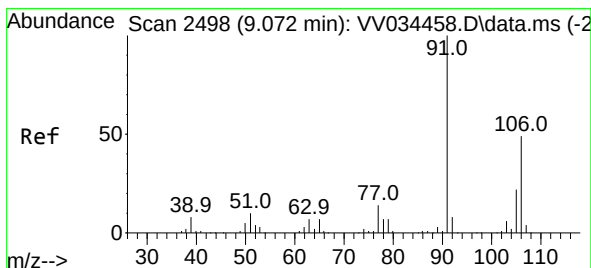
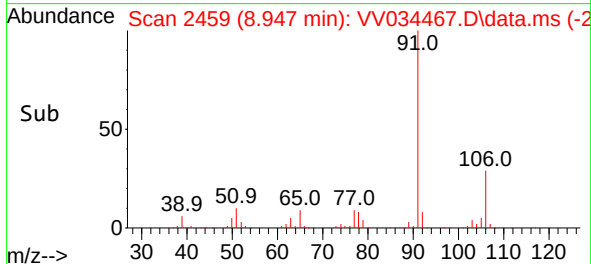
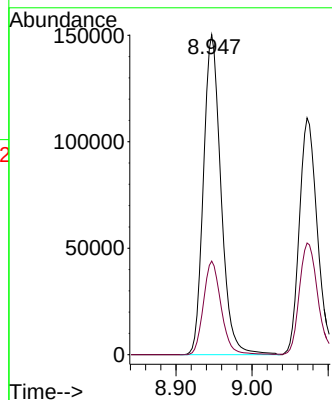
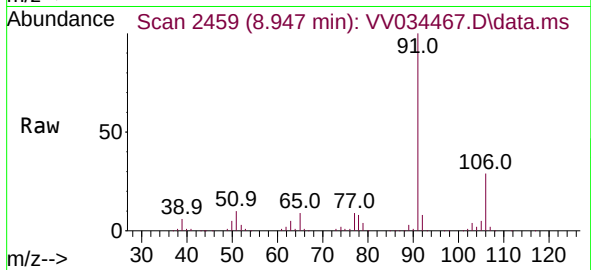




#52
Ethylbenzene
Concen: 5.363 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.000 min
Lab File: VV034467.D
Acq: 28 Feb 2024 13:29

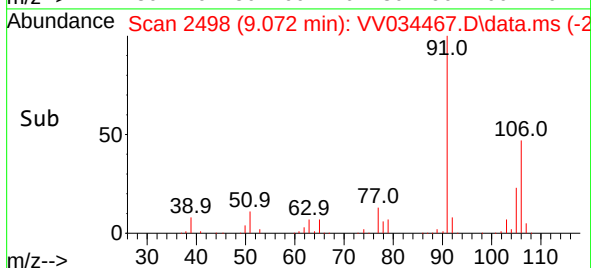
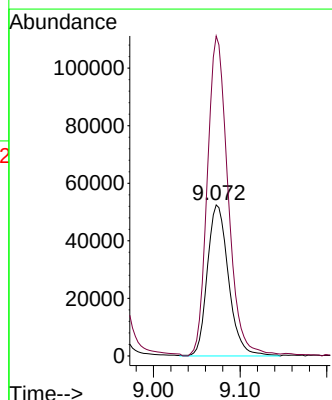
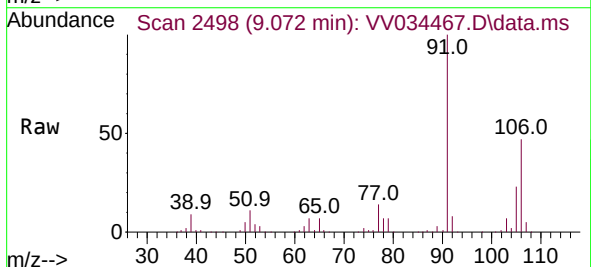
Instrument :
MSVOA_V
ClientSampleId :

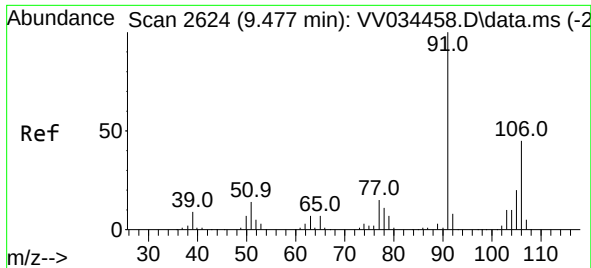
Tgt Ion: 91 Resp: 240162
Ion Ratio Lower Upper
91 100
106 29.3 21.4 39.8



#53
m,p-Xylene
Concen: 5.370 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV034467.D
Acq: 28 Feb 2024 13:29

Tgt Ion: 106 Resp: 89372
Ion Ratio Lower Upper
106 100
91 211.9 148.5 275.9

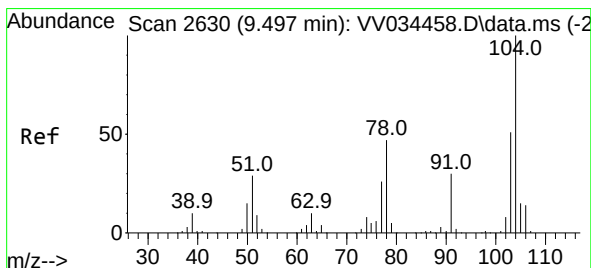
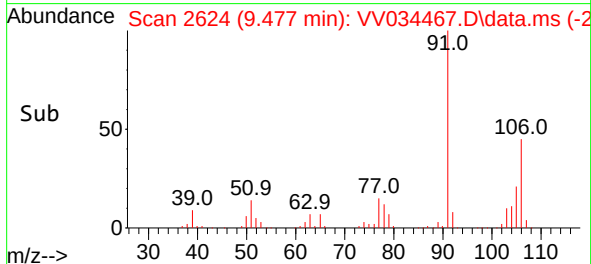
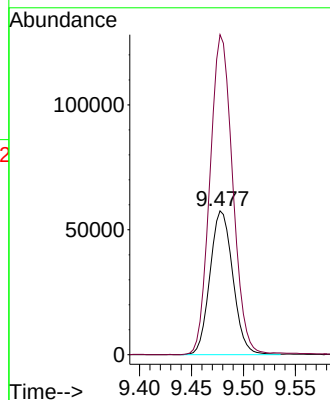
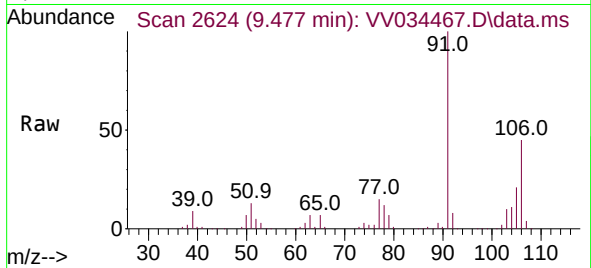




#54
o-Xylene
Concen: 5.300 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV034467.D
Acq: 28 Feb 2024 13:29

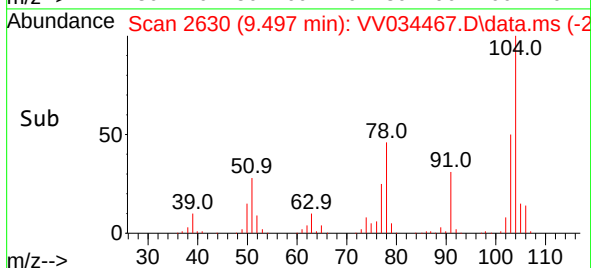
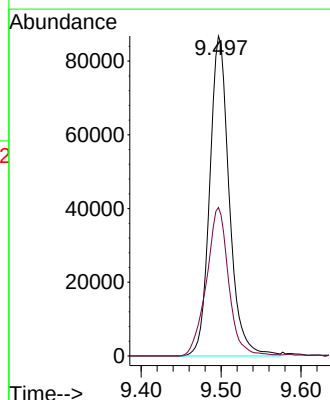
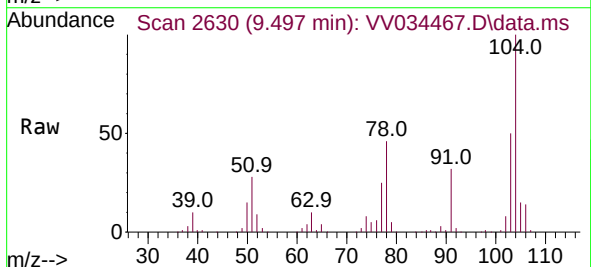
Instrument :
MSVOA_V
ClientSampleId :

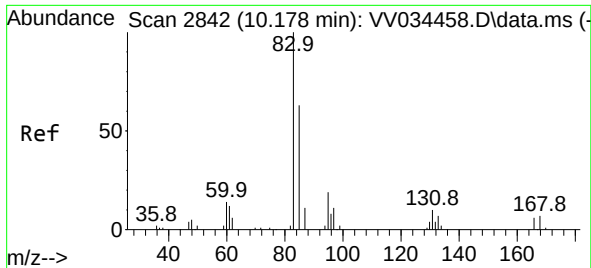
Tgt Ion:106 Resp: 88074
Ion Ratio Lower Upper
106 100
91 222.5 155.8 289.3



#55
Styrene
Concen: 5.526 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV034467.D
Acq: 28 Feb 2024 13:29

Tgt Ion:104 Resp: 147665
Ion Ratio Lower Upper
104 100
78 46.4 32.9 61.1

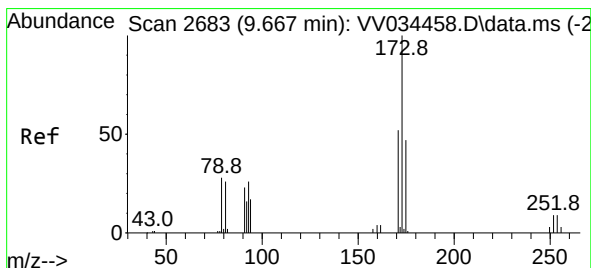
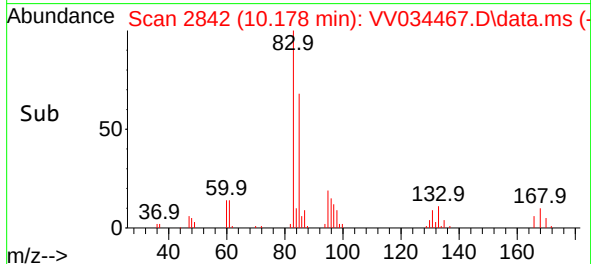
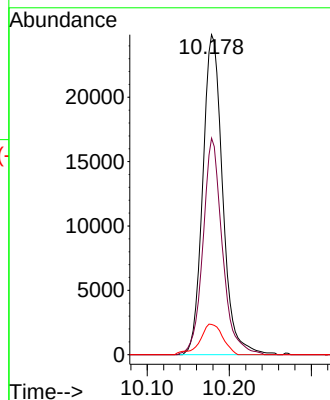
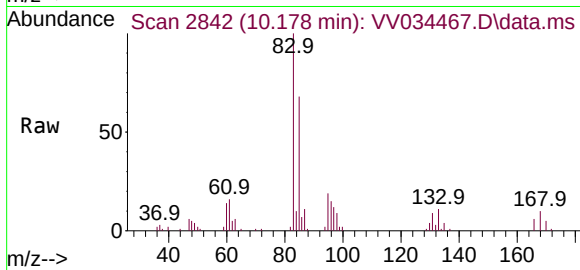




#57
1,1,2,2-Tetrachloroethane
Concen: 5.485 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV034467.D
Acq: 28 Feb 2024 13:29

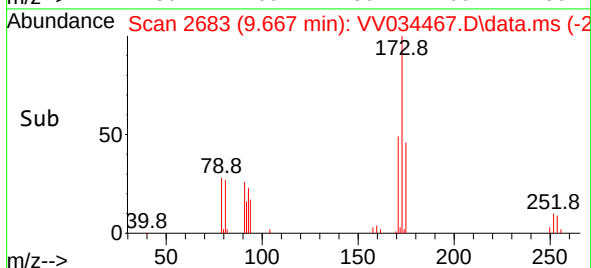
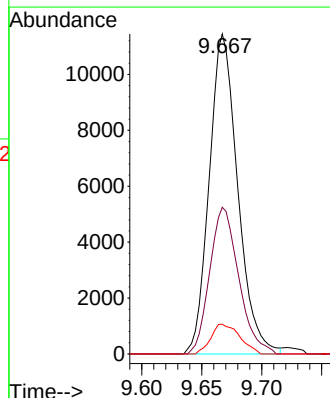
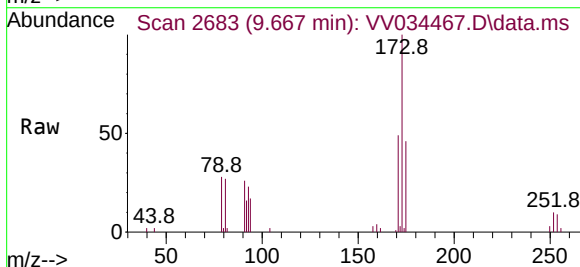
Instrument :
MSVOA_V
ClientSampleId :

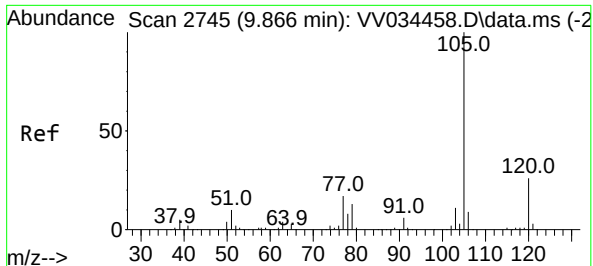
Tgt Ion: 83 Resp: 41751
Ion Ratio Lower Upper
83 100
85 67.7 46.7 86.7
131 9.5 8.6 12.8



#59
Bromoform
Concen: 5.163 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.000 min
Lab File: VV034467.D
Acq: 28 Feb 2024 13:29

Tgt Ion: 173 Resp: 18917
Ion Ratio Lower Upper
173 100
175 46.6 38.9 58.3
254 9.4 7.8 11.6

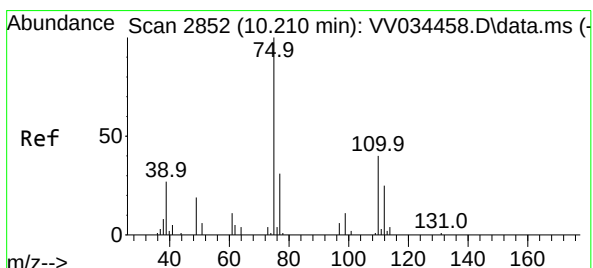
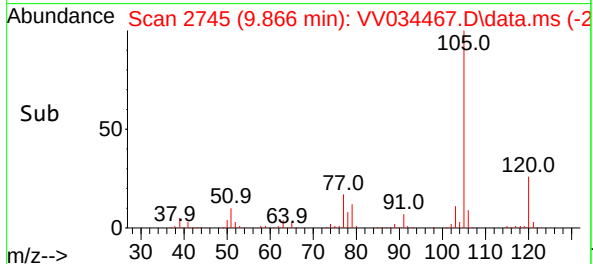
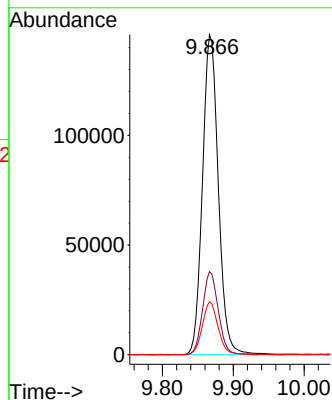
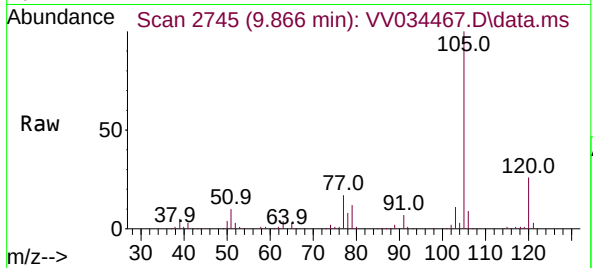




#60
Isopropylbenzene
Concen: 5.279 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034467.D
Acq: 28 Feb 2024 13:29

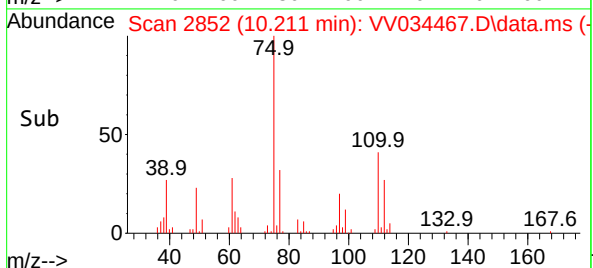
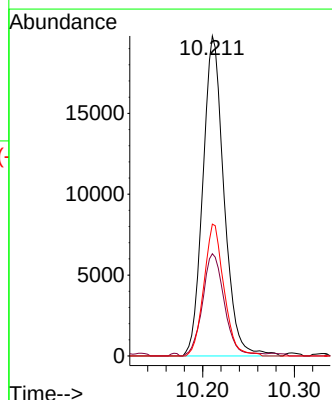
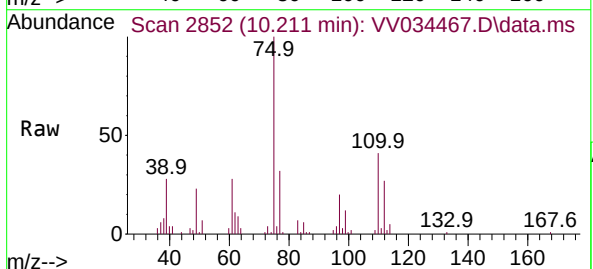
Instrument :
MSVOA_V
ClientSampleId :

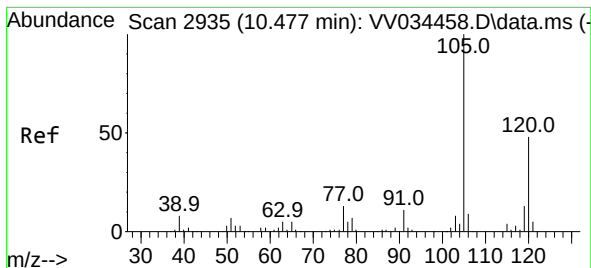
Tgt Ion:105 Resp: 226728
Ion Ratio Lower Upper
105 100
120 25.5 21.3 31.9
77 16.4 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 5.721 ug/L
RT: 10.211 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV034467.D
Acq: 28 Feb 2024 13:29

Tgt Ion: 75 Resp: 31673
Ion Ratio Lower Upper
75 100
77 33.1 27.7 41.5
110 39.3 32.0 48.0





#62

1,3,5-Trimethylbenzene

Concen: 5.255 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. 0.000 min

Lab File: VV034467.D

Acq: 28 Feb 2024 13:29

Instrument :

MSVOA_V

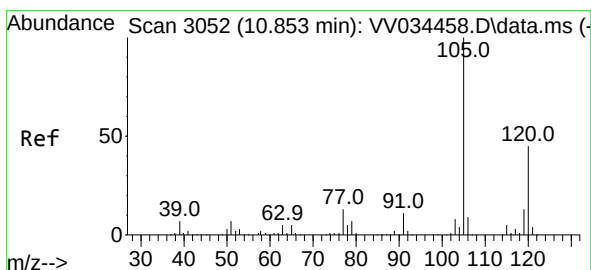
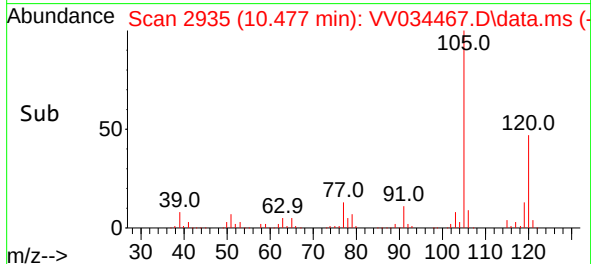
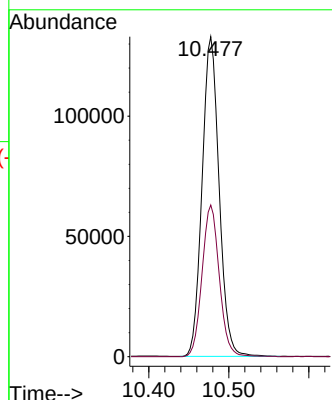
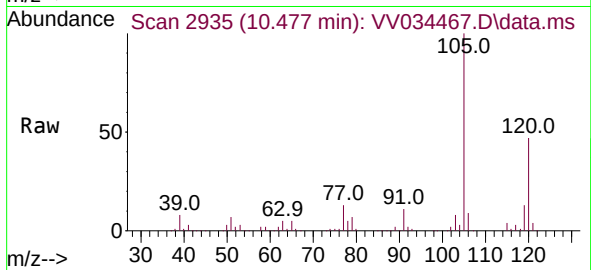
ClientSampleId :

Tgt Ion:105 Resp: 196987

Ion Ratio Lower Upper

105 100

120 48.1 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 5.276 ug/L

RT: 10.854 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VV034467.D

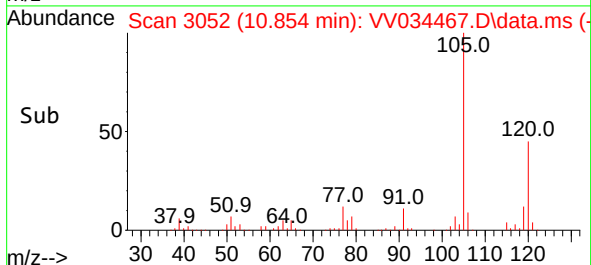
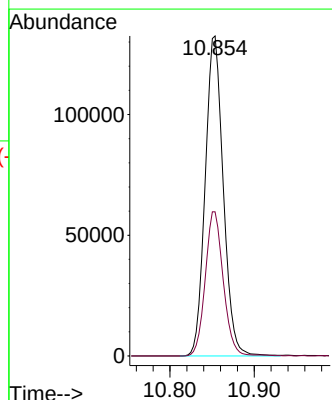
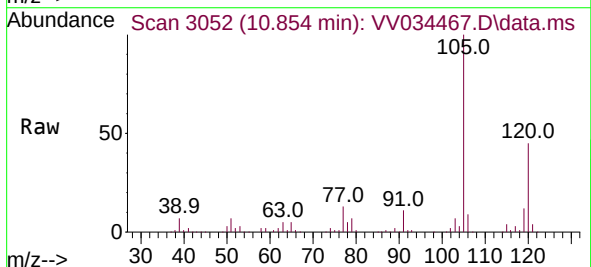
Acq: 28 Feb 2024 13:29

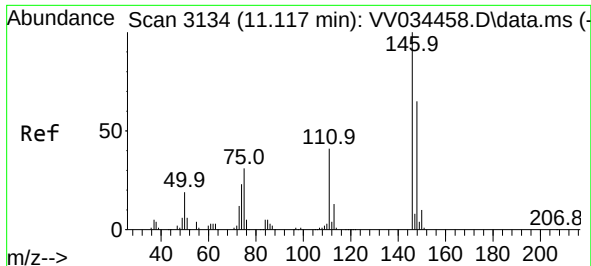
Tgt Ion:105 Resp: 198093

Ion Ratio Lower Upper

105 100

120 44.9 35.4 53.2

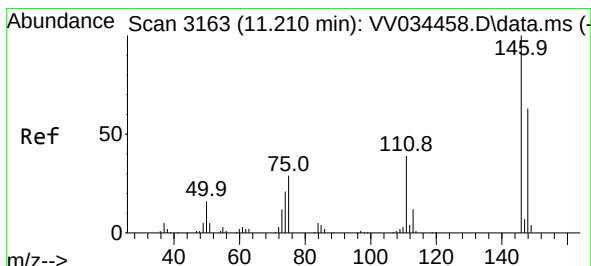
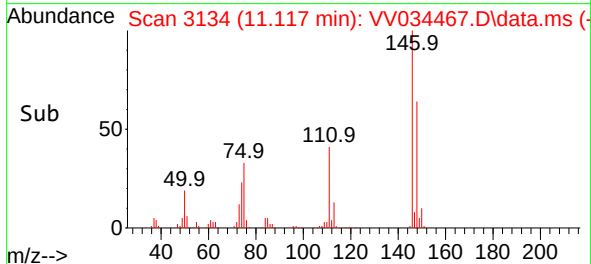
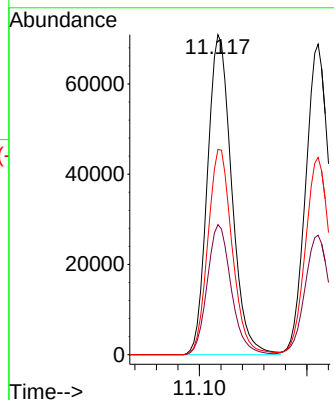
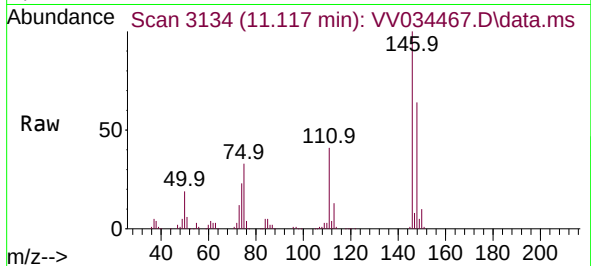




#64
1,3-Dichlorobenzene
Concen: 5.337 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV034467.D
Acq: 28 Feb 2024 13:29

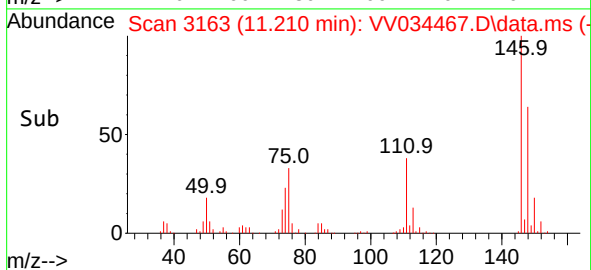
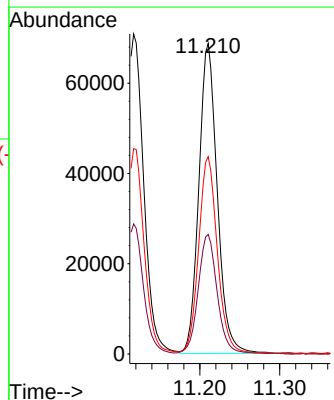
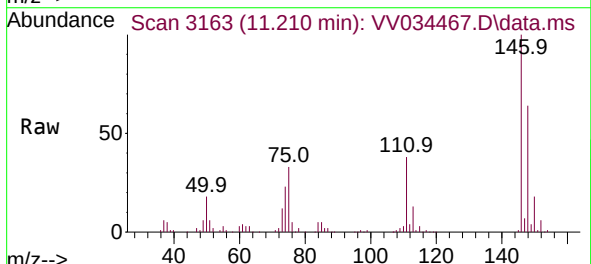
Instrument :
MSVOA_V
ClientSampleId :

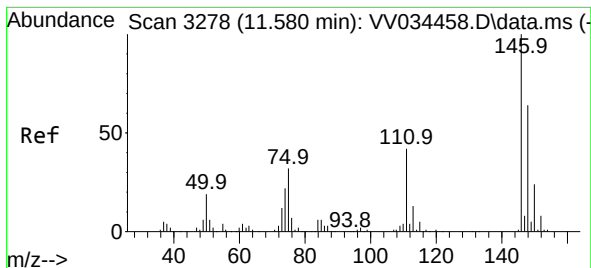
Tgt Ion:146 Resp: 111345
Ion Ratio Lower Upper
146 100
111 40.6 27.0 50.2
148 64.2 43.1 80.1



#65
1,4-Dichlorobenzene
Concen: 5.329 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV034467.D
Acq: 28 Feb 2024 13:29

Tgt Ion:146 Resp: 110328
Ion Ratio Lower Upper
146 100
111 38.5 27.2 50.6
148 63.6 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 5.384 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034467.D

Acq: 28 Feb 2024 13:29

Instrument :

MSVOA_V

ClientSampleId :

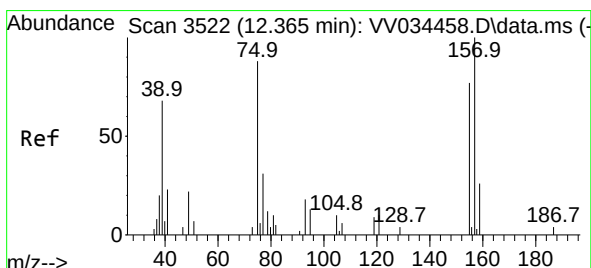
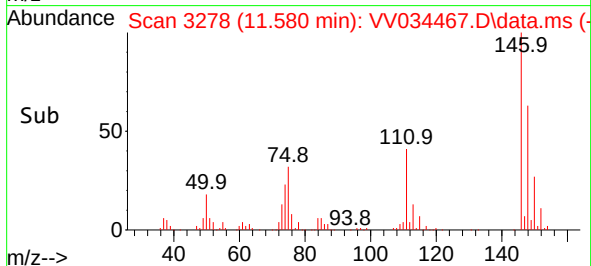
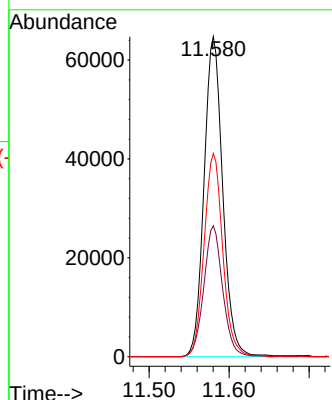
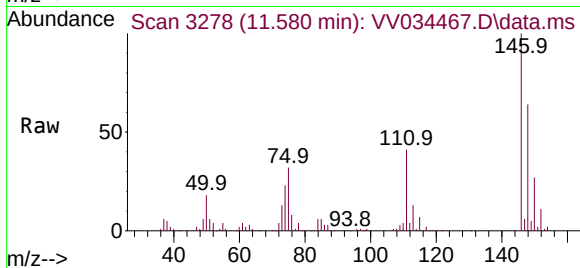
Tgt Ion:146 Resp: 105297

Ion Ratio Lower Upper

146 100

111 40.9 32.2 48.4

148 63.5 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.018 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.003 min

Lab File: VV034467.D

Acq: 28 Feb 2024 13:29

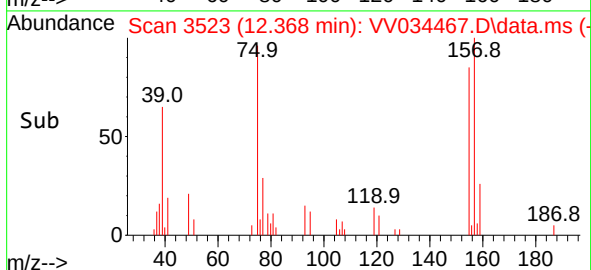
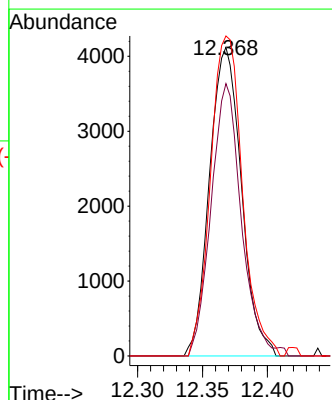
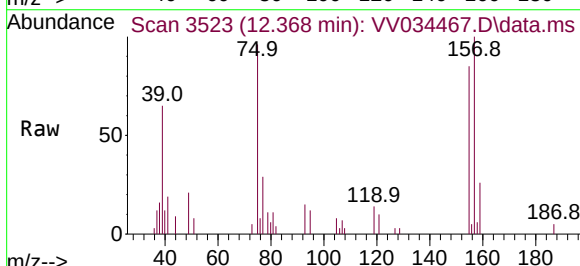
Tgt Ion: 75 Resp: 7019

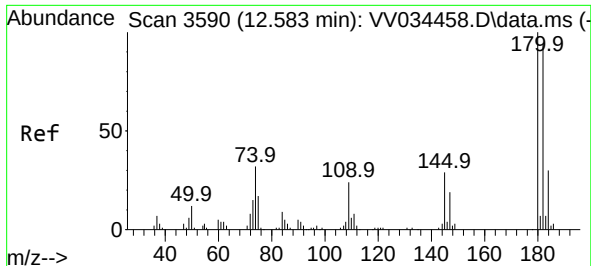
Ion Ratio Lower Upper

75 100

155 88.3 60.0 90.0

157 103.7 78.6 117.8





#69

1,3,5-Trichlorobenzene

Concen: 5.260 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.000 min

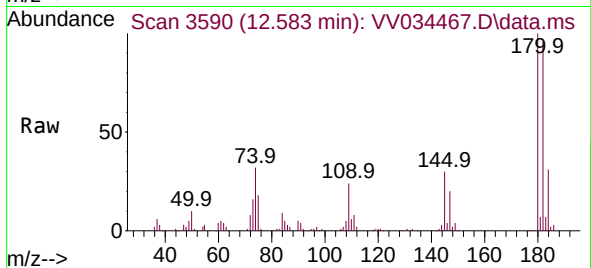
Lab File: VV034467.D

Acq: 28 Feb 2024 13:29

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 84197

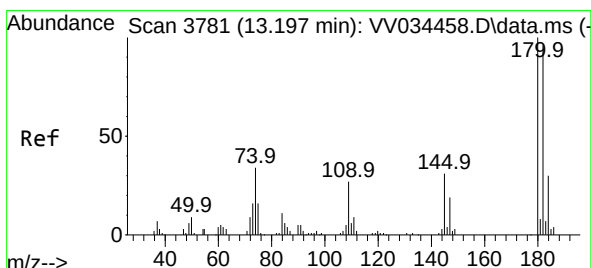
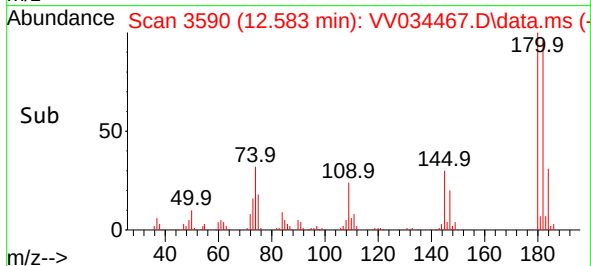
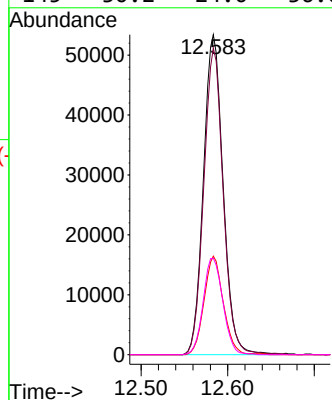
Ion Ratio Lower Upper

180 100

182 94.3 77.8 116.6

184 30.0 23.8 35.8

145 30.2 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 5.312 ug/L

RT: 13.198 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034467.D

Acq: 28 Feb 2024 13:29

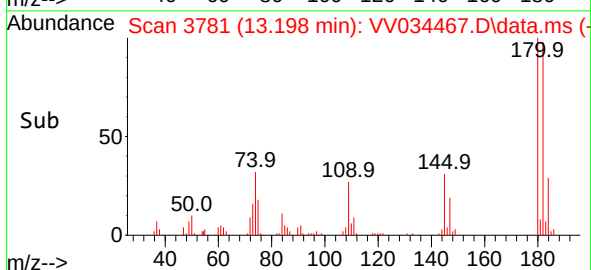
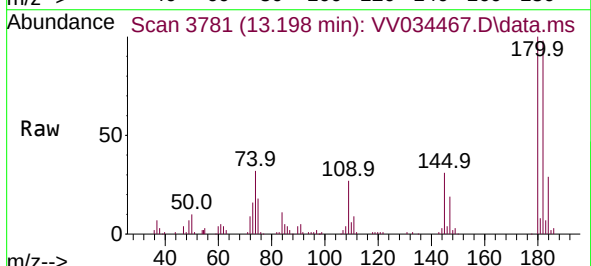
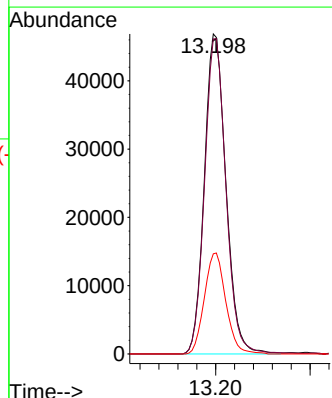
Tgt Ion:180 Resp: 74225

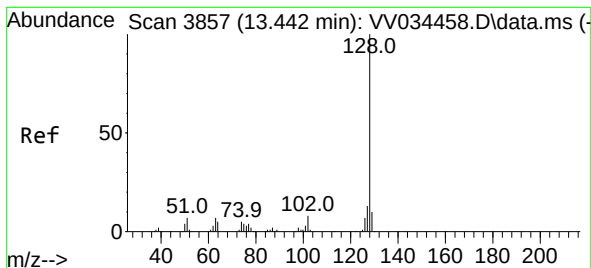
Ion Ratio Lower Upper

180 100

182 97.8 75.3 112.9

145 31.3 23.6 35.4





#71

Naphthalene

Concen: 5.411 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.000 min

Lab File: VV034467.D

Acq: 28 Feb 2024 13:29

Instrument :

MSVOA_V

ClientSampleId :

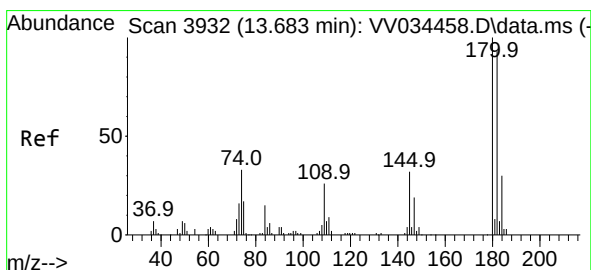
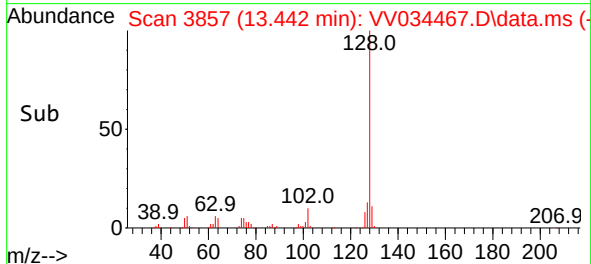
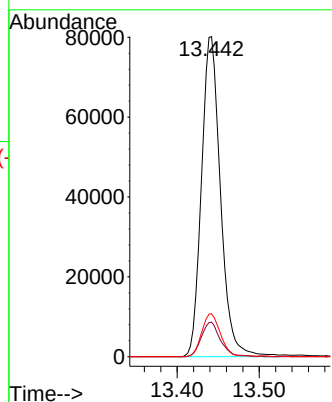
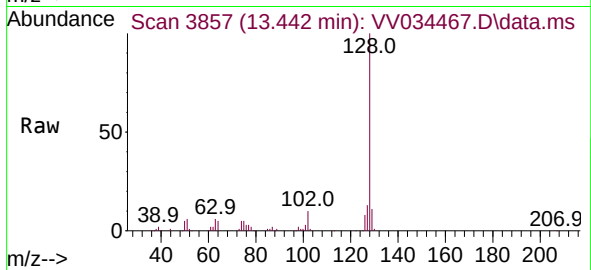
Tgt Ion:128 Resp: 129194

Ion Ratio Lower Upper

128 100

129 10.8 8.4 12.6

127 13.3 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.364 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.003 min

Lab File: VV034467.D

Acq: 28 Feb 2024 13:29

Tgt Ion:180 Resp: 67135

Ion Ratio Lower Upper

180 100

182 94.7 76.1 114.1

145 32.7 25.8 38.6

