

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041524\
 Data File : VV035195.D
 Acq On : 15 Apr 2024 12:43
 Operator : SY/MD
 Sample : VSTD001
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 15 23:58:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 15 23:57:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	196564	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	196727	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	93171	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	16866	1.300	ug/L	0.00
7) Chloroethane-d5	1.532	69	13625	1.240	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	7539	1.296	ug/L	0.00
20) 2-Butanone-d5	3.870	46	5416	1.808	ug/L	0.06
24) Chloroform-d	4.259	84	26797	1.101	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.957	65	12797	1.054	ug/L	0.01
32) Benzene-d6	4.966	84	51969	1.100	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	16308	1.152	ug/L	0.00
41) Toluene-d8	7.246	98	43585	1.018	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.571	79	5062	0.970	ug/L	0.02
46) 2-Hexanone-d5	8.043	63	14878	5.445	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.153	84	11835	1.061	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	16165	1.097	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	17253	1.251	ug/L	97
3) Chloromethane	1.214	50	20695	1.284	ug/L	97
5) Vinyl chloride	1.282	62	19788	1.242	ug/L	98
6) Bromomethane	1.490	94	11358	1.262	ug/L	95
8) Chloroethane	1.548	64	12519	1.136	ug/L	97
9) Trichlorofluoromethane	1.712	101	24746	1.021	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	14191	1.055	ug/L	95
12) 1,1-Dichloroethene	2.069	96	14162	1.101	ug/L	90
13) Acetone	2.143	43	10682	3.719	ug/L	72
14) Carbon disulfide	2.240	76	42219	1.170	ug/L	98
15) Methyl Acetate	2.400	43	4185	0.815	ug/L #	84
16) Methylene chloride	2.449	84	18219	1.222	ug/L	90
17) Methyl tert-butyl Ether	2.706	73	29381	0.914	ug/L	100
18) trans-1,2-Dichloroethene	2.696	96	13661	1.042	ug/L	93
19) 1,1-Dichloroethane	3.114	63	28781	1.127	ug/L	97
21) 2-Butanone	3.944	43	13630	4.175	ug/L #	76
22) cis-1,2-Dichloroethene	3.828	96	14424	1.017	ug/L	99
23) Bromochloromethane	4.156	128	6475	1.088	ug/L	94
25) Chloroform	4.278	83	27895	1.069	ug/L	94
27) 1,2-Dichloroethane	5.056	62	16014	1.021	ug/L #	94
29) 1,1,1-Trichloroethane	4.513	97	22967	0.923	ug/L	100
30) Cyclohexane	4.580	56	19891	0.908	ug/L	97
31) Carbon tetrachloride	4.735	117	19932	0.929	ug/L	97
33) Benzene	5.018	78	56146	0.993	ug/L	100
34) Trichloroethene	5.841	95	15108	1.025	ug/L	95
35) Methylcyclohexane	6.047	83	20493	0.886	ug/L	96
37) 1,2-Dichloropropane	6.098	63	14560	1.027	ug/L #	93
38) Bromodichloromethane	6.439	83	17315	0.914	ug/L #	96
39) cis-1,3-Dichloropropene	6.966	75	15634	0.805	ug/L	93
40) 4-Methyl-2-pentanone	7.166	43	66631	7.912	ug/L	91
42) Toluene	7.320	91	56182	0.945	ug/L	97
44) trans-1,3-Dichloropropene	7.593	75	14150	0.892	ug/L	89

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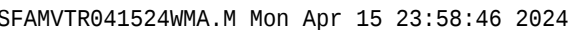
Quant Time: Apr 15 23:58:37 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 15 23:57:40 2024
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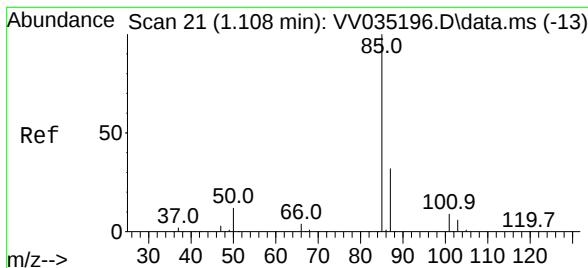
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.776	97	10140	1.054	ug/L	96
47) Tetrachloroethene	7.908	164	11702	1.014	ug/L	93
48) 2-Hexanone	8.088	43	44033	7.244	ug/L	95
49) Dibromochloromethane	8.178	129	10480	0.963	ug/L	93
50) 1,2-Dibromoethane	8.288	107	9828	1.093	ug/L #	89
51) Chlorobenzene	8.818	112	37902	0.993	ug/L	99
52) Ethylbenzene	8.950	91	57447	0.873	ug/L	97
53) m,p-Xylene	9.075	106	19734	0.806	ug/L	98
54) o-Xylene	9.481	106	19208	0.794	ug/L	95
55) Styrene	9.503	104	30192	0.763	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.181	83	12194	1.046	ug/L	98
59) Bromoform	9.667	173	5071	1.036	ug/L	98
60) Isopropylbenzene	9.866	105	50907	0.890	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	9197	1.212	ug/L	96
62) 1,3,5-Trimethylbenzene	10.477	105	39494	0.806	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	37930	0.770	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	27740	0.994	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	29494	1.060	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	26323	1.007	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	1488	0.817	ug/L	84
69) 1,3,5-Trichlorobenzene	12.583	180	20740	0.966	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	17110	0.938	ug/L	94
71) Naphthalene	13.445	128	21237	0.714	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	14416	0.875	ug/L	98

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

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QLast Update : Mon Apr 15 23:57:40 2024
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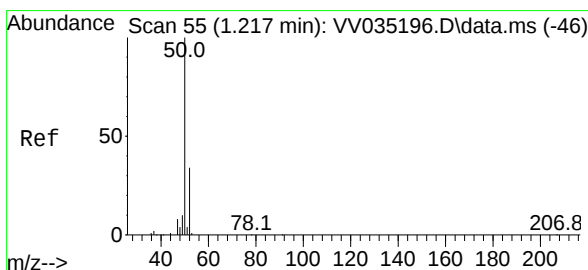
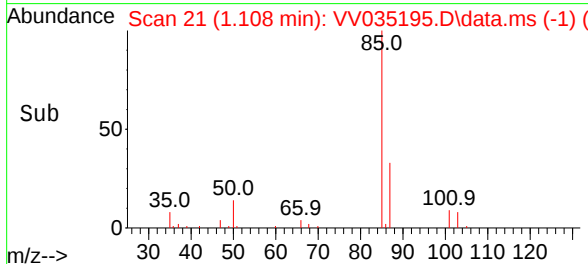
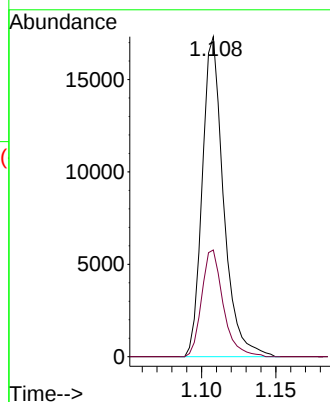
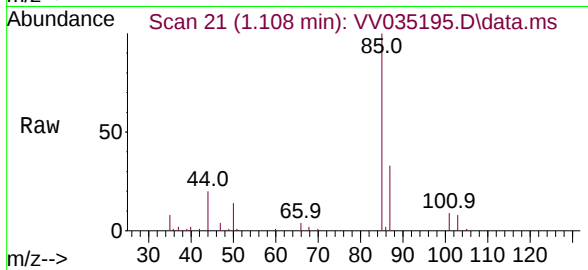




#2
 Dichlorodifluoromethane
 Concen: 1.251 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV035195.D
 Acq: 15 Apr 2024 12:43

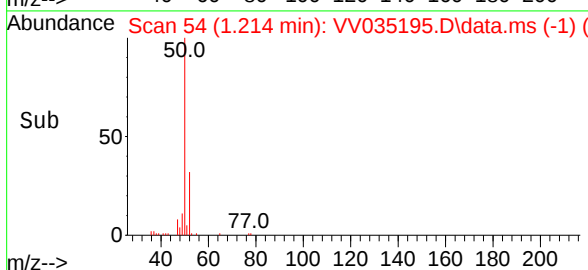
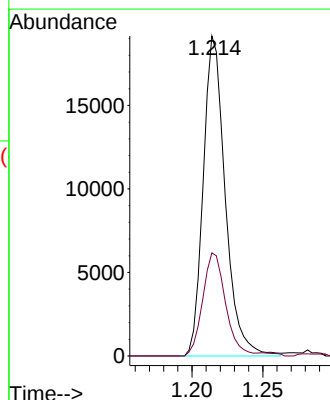
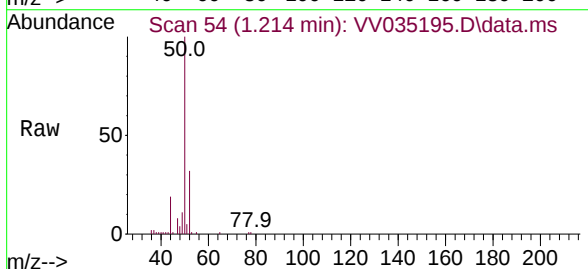
Instrument :
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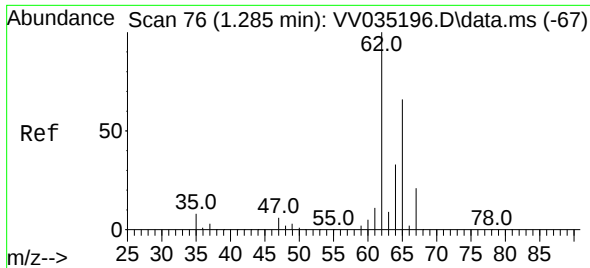
Tgt Ion: 85 Resp: 17253
 Ion Ratio Lower Upper
 85 100
 87 33.7 25.8 38.6



#3
 Chloromethane
 Concen: 1.284 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV035195.D
 Acq: 15 Apr 2024 12:43

Tgt Ion: 50 Resp: 20695
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.7 43.9

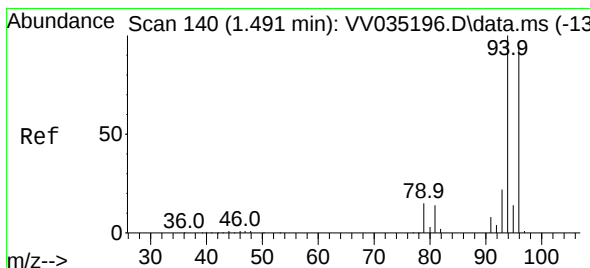
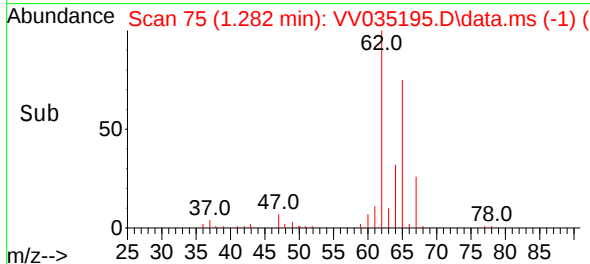
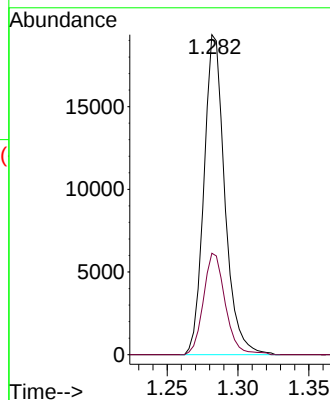
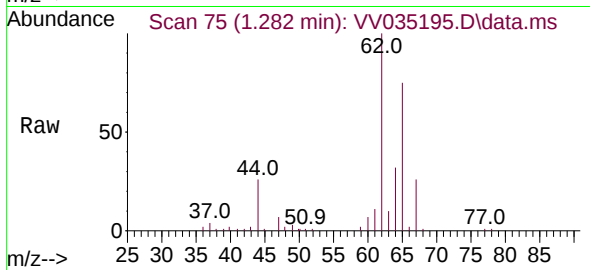




#5
 Vinyl chloride
 Concen: 1.242 ug/L
 RT: 1.282 min Scan# 76
 Delta R.T. -0.003 min
 Lab File: VV035195.D
 Acq: 15 Apr 2024 12:43

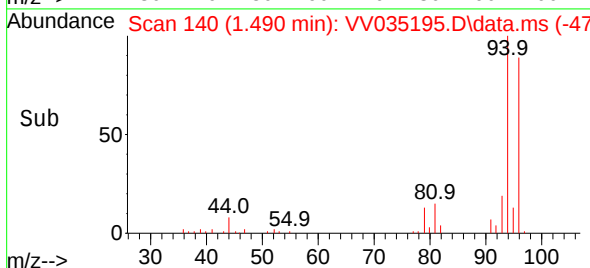
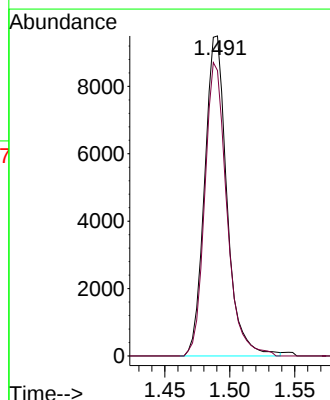
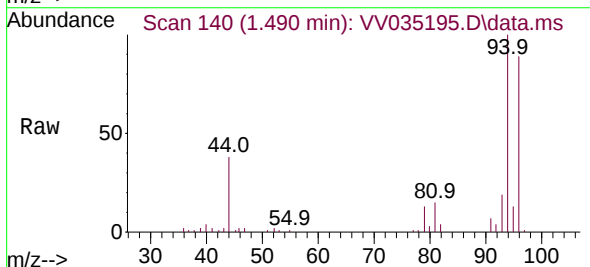
Instrument :
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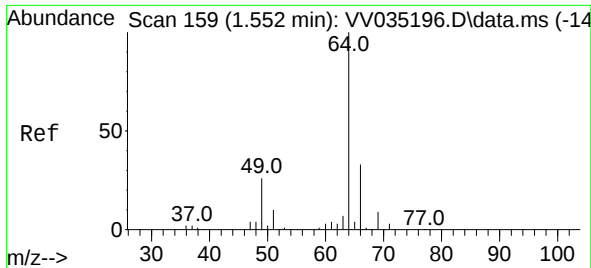
Tgt Ion: 62 Resp: 19788
 Ion Ratio Lower Upper
 62 100
 64 31.7 22.8 42.4



#6
 Bromomethane
 Concen: 1.262 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV035195.D
 Acq: 15 Apr 2024 12:43

Tgt Ion: 94 Resp: 11358
 Ion Ratio Lower Upper
 94 100
 96 89.2 65.7 122.1

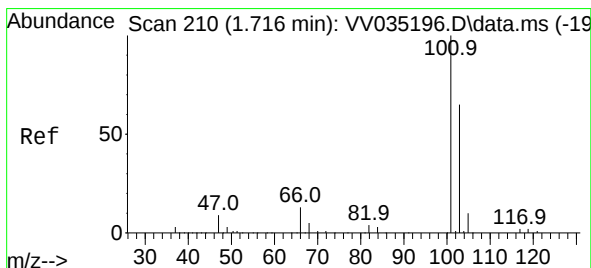
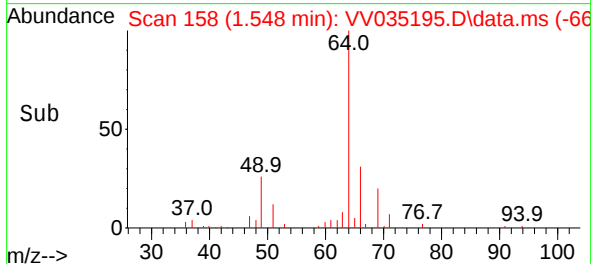
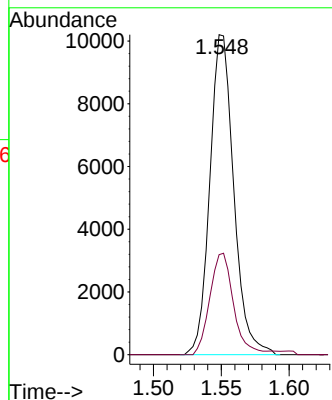
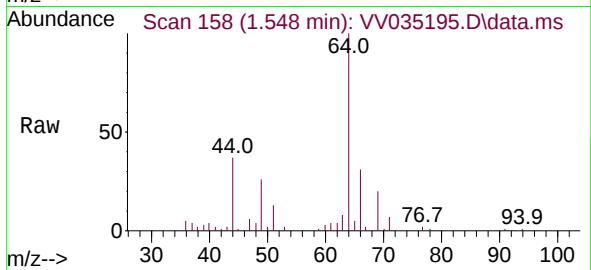




#8
Chloroethane
Concen: 1.136 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV035195.D
Acq: 15 Apr 2024 12:43

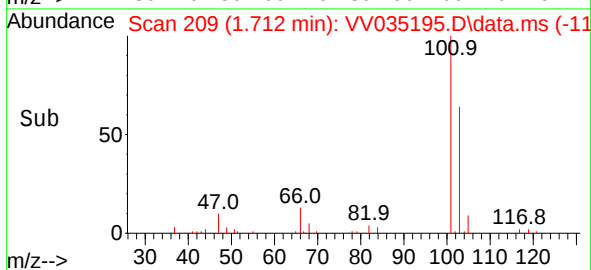
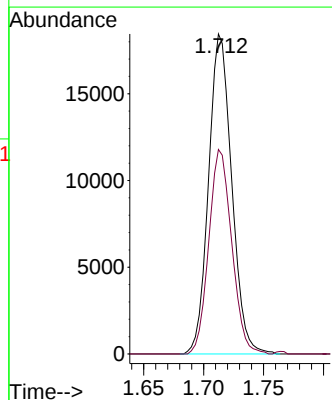
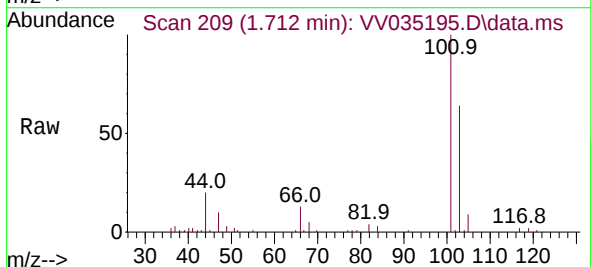
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ClientSampleId :

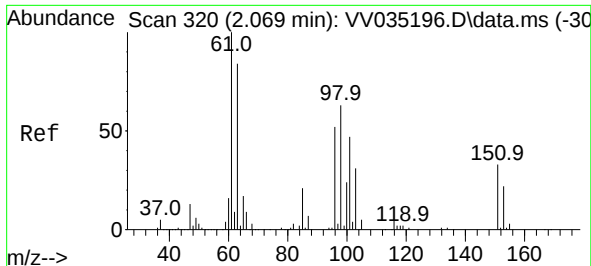
Tgt Ion: 64 Resp: 12519
Ion Ratio Lower Upper
64 100
66 31.3 23.0 42.6



#9
Trichlorofluoromethane
Concen: 1.021 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV035195.D
Acq: 15 Apr 2024 12:43

Tgt Ion:101 Resp: 24746
Ion Ratio Lower Upper
101 100
103 63.3 51.4 77.2

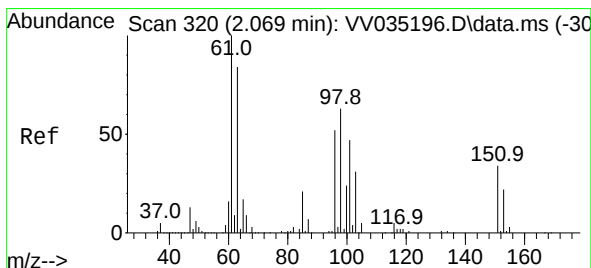
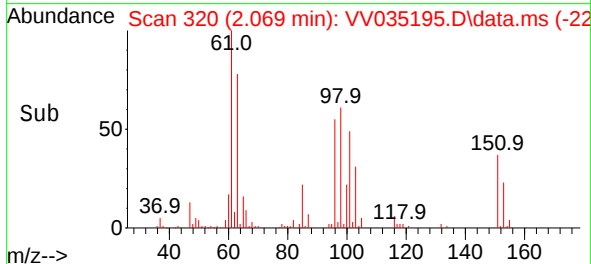
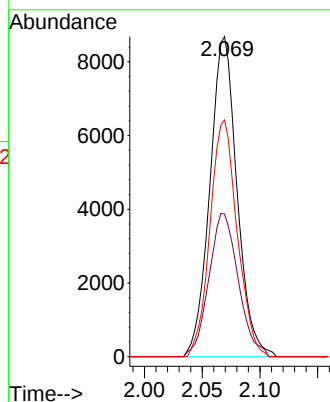
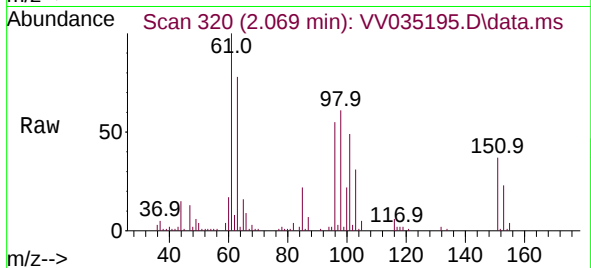




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.055 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV035195.D
 Acq: 15 Apr 2024 12:43

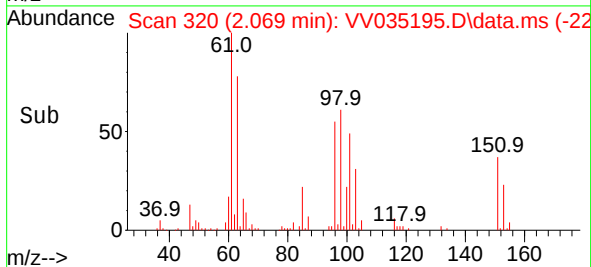
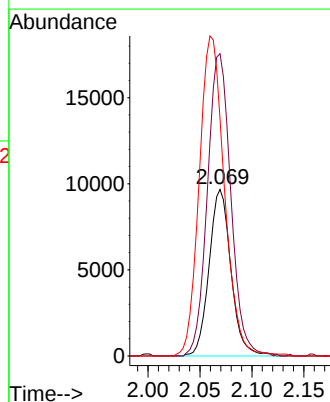
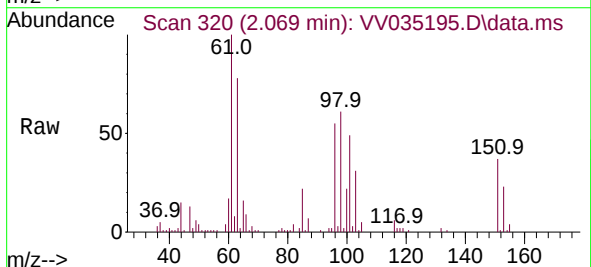
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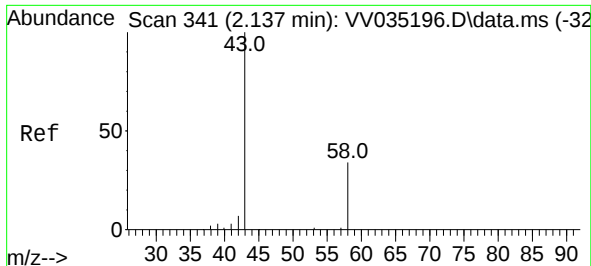
Tgt Ion:101 Resp: 14191
 Ion Ratio Lower Upper
 101 100
 85 48.4 35.8 53.6
 151 74.1 56.2 84.2



#12
 1,1-Dichloroethene
 Concen: 1.101 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV035195.D
 Acq: 15 Apr 2024 12:43

Tgt Ion: 96 Resp: 14162
 Ion Ratio Lower Upper
 96 100
 61 181.4 133.5 247.9
 63 142.1 112.5 208.9





#13

Acetone

Concen: 3.719 ug/L

RT: 2.143 min Scan# 341

Delta R.T. 0.006 min

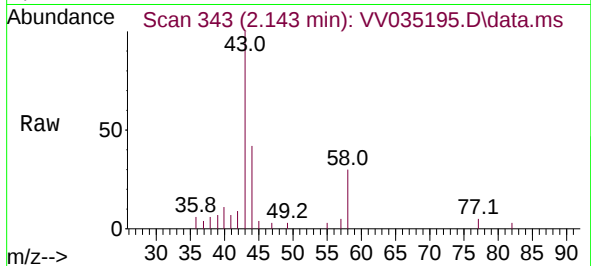
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ClientSampleId :

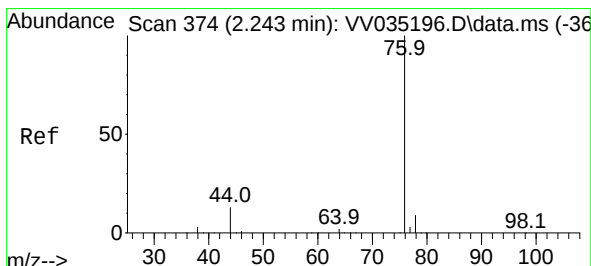
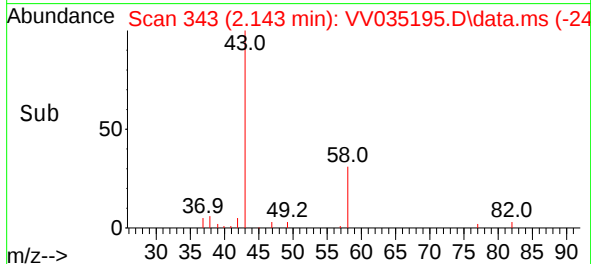
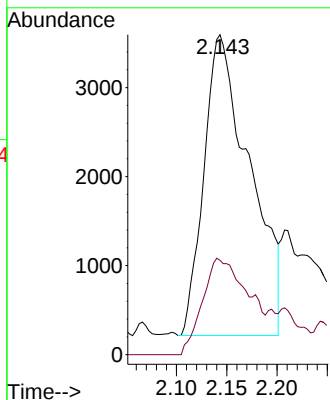


Tgt Ion: 43 Resp: 10682

Ion Ratio Lower Upper

43 100

58 32.1 0.0 39.2



#14

Carbon disulfide

Concen: 1.170 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV035195.D

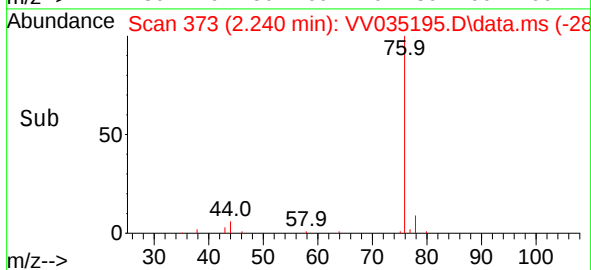
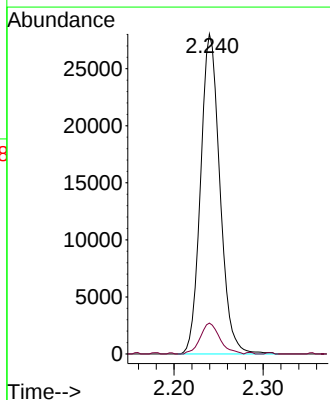
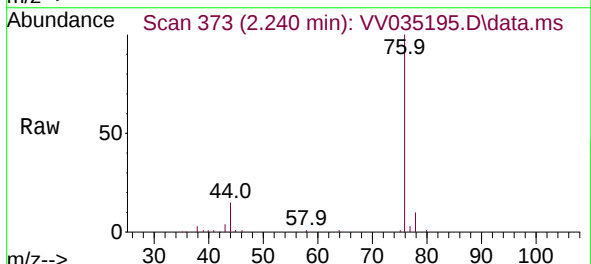
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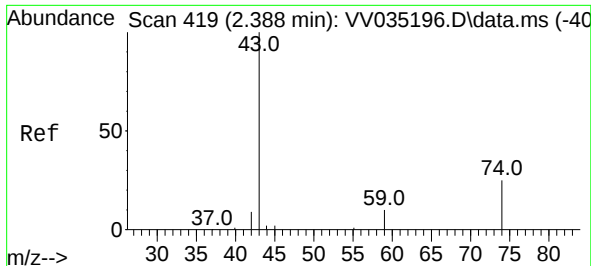
Tgt Ion: 76 Resp: 42219

Ion Ratio Lower Upper

76 100

78 9.6 7.2 10.8





#15

Methyl Acetate

Concen: 0.815 ug/L

RT: 2.400 min Scan# 419

Delta R.T. 0.013 min

Lab File: VV035195.D

Acq: 15 Apr 2024 12:43

Instrument :

MSVOA_V

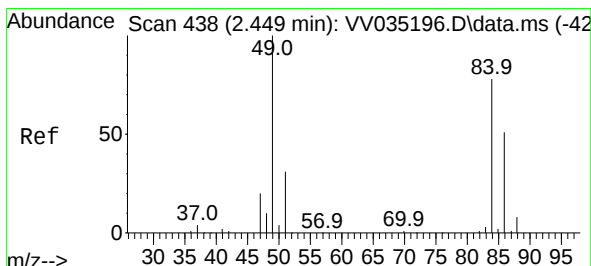
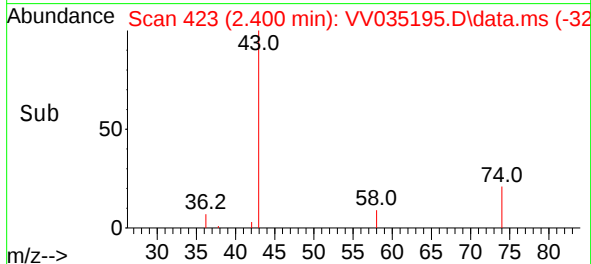
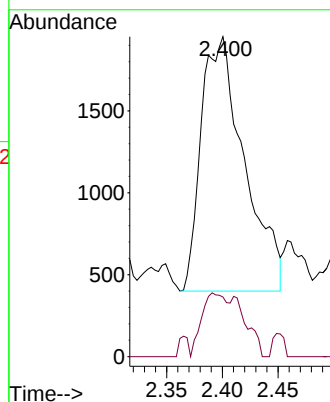
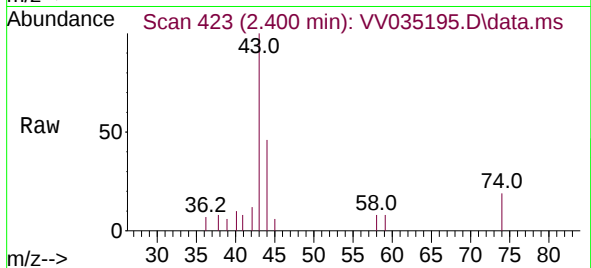
ClientSampleId :

Tgt Ion: 43 Resp: 4185

Ion Ratio Lower Upper

43 100

74 15.3 18.3 27.5#



#16

Methylene chloride

Concen: 1.222 ug/L

RT: 2.449 min Scan# 438

Delta R.T. -0.000 min

Lab File: VV035195.D

Acq: 15 Apr 2024 12:43

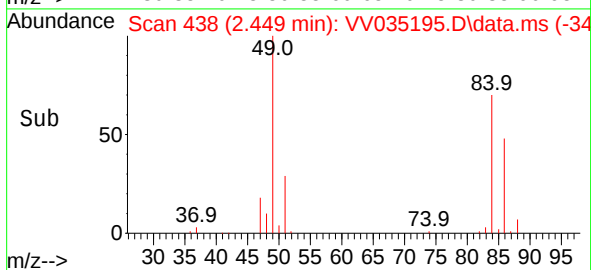
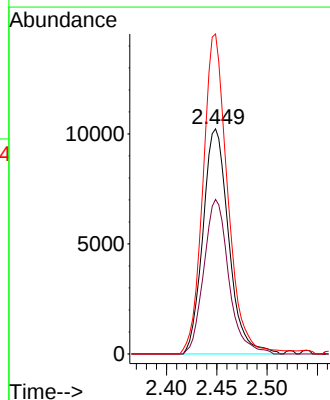
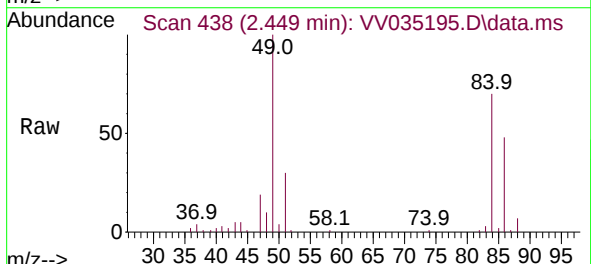
Tgt Ion: 84 Resp: 18219

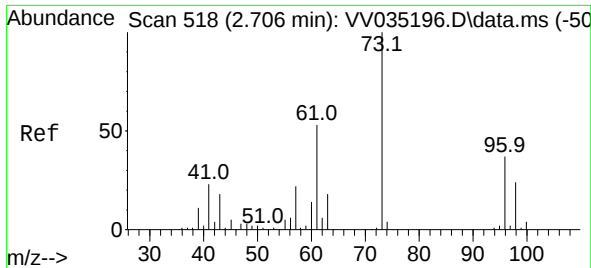
Ion Ratio Lower Upper

84 100

86 68.6 45.6 84.6

49 142.1 89.5 166.1

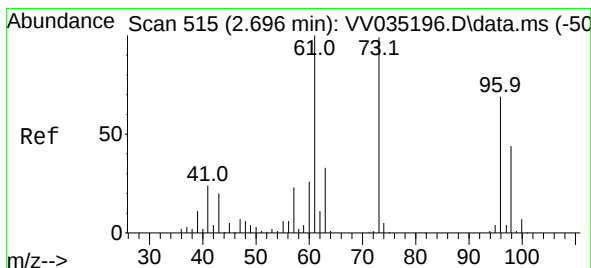
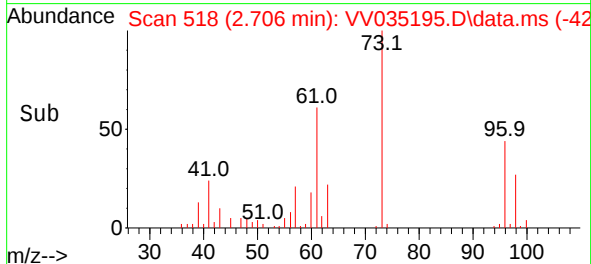
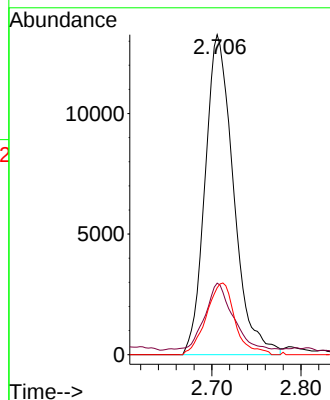
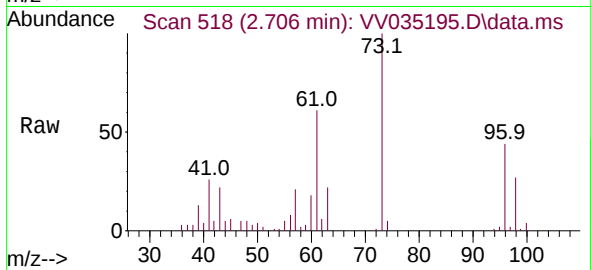




#17
Methyl tert-butyl Ether
Concen: 0.914 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV035195.D
Acq: 15 Apr 2024 12:43

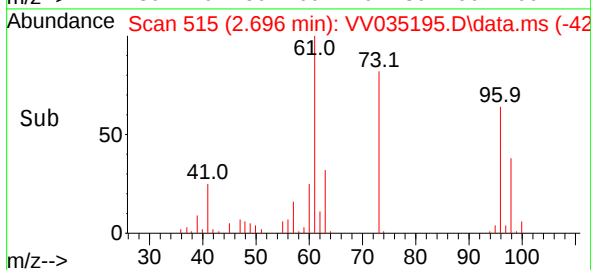
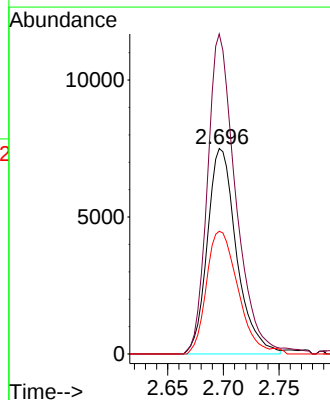
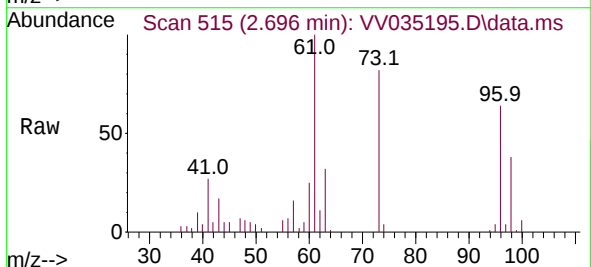
Instrument :
MSVOA_V
ClientSampleId :

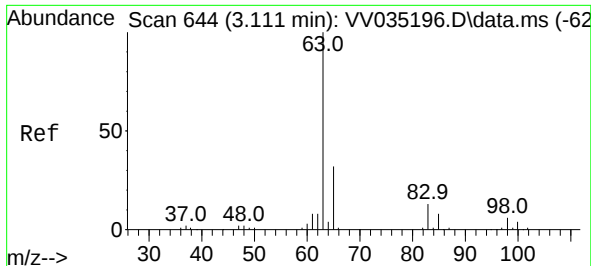
Tgt Ion: 73	Resp: 29381
Ion Ratio	Lower Upper
73 100	
43 19.7	15.7 23.5
57 22.6	18.1 27.1



#18
trans-1,2-Dichloroethene
Concen: 1.042 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV035195.D
Acq: 15 Apr 2024 12:43

Tgt Ion: 96	Resp: 13661
Ion Ratio	Lower Upper
96 100	
61 155.7	101.8 189.2
98 59.7	44.7 82.9

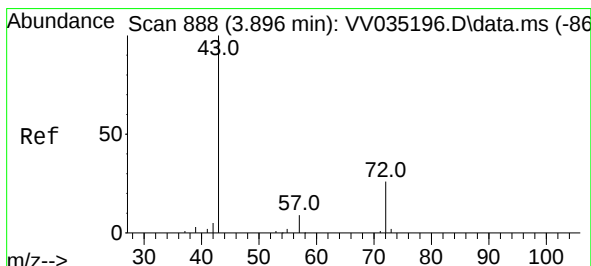
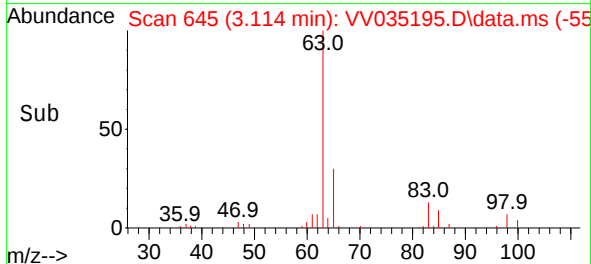
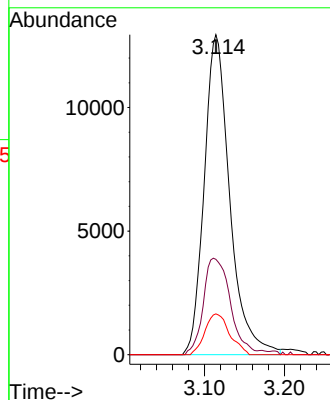
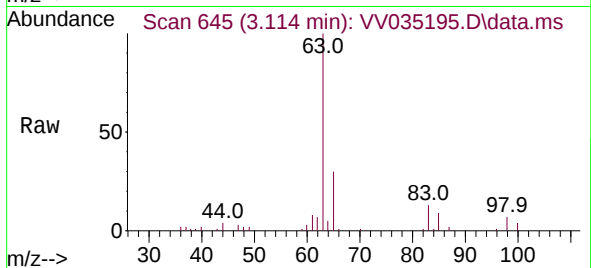




#19
1,1-Dichloroethane
Concen: 1.127 ug/L
RT: 3.114 min Scan# 644
Delta R.T. 0.003 min
Lab File: VV035195.D
Acq: 15 Apr 2024 12:43

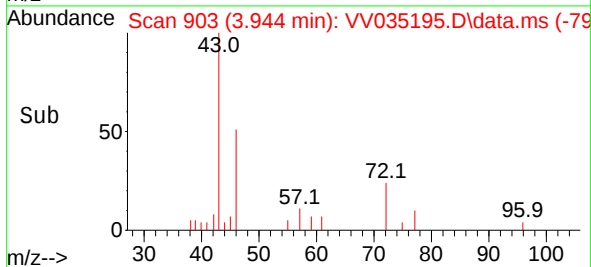
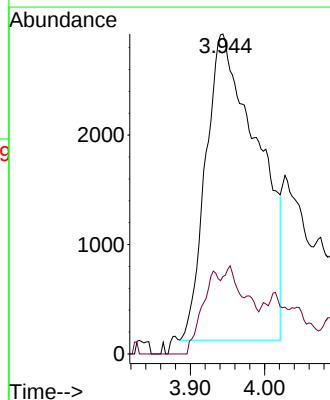
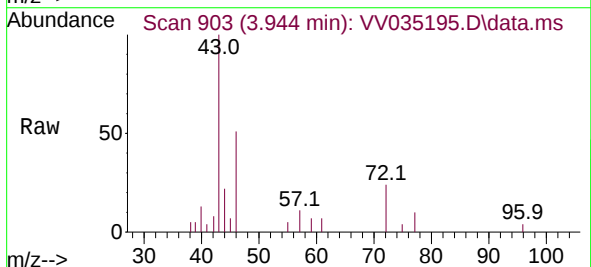
Instrument :
MSVOA_V
ClientSampleId :

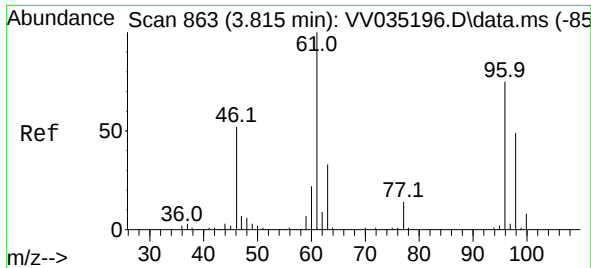
Tgt Ion: 63 Resp: 28781
Ion Ratio Lower Upper
63 100
65 29.8 22.2 41.2
83 12.8 9.4 17.4



#21
2-Butanone
Concen: 4.175 ug/L
RT: 3.944 min Scan# 903
Delta R.T. 0.048 min
Lab File: VV035195.D
Acq: 15 Apr 2024 12:43

Tgt Ion: 43 Resp: 13630
Ion Ratio Lower Upper
43 100
72 3.0 6.3 18.8#

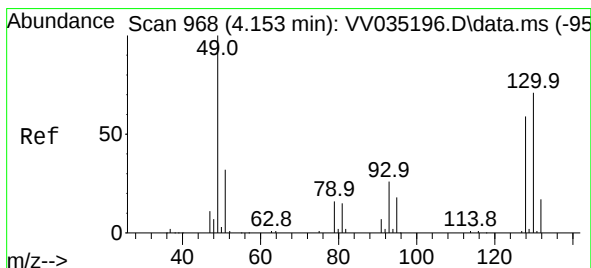
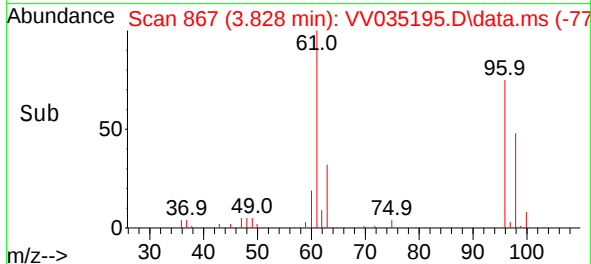
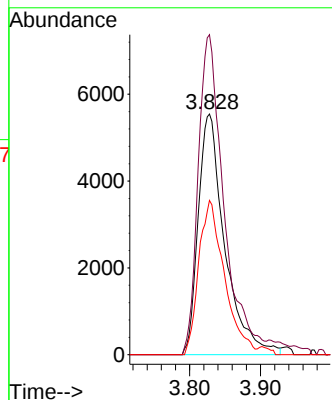
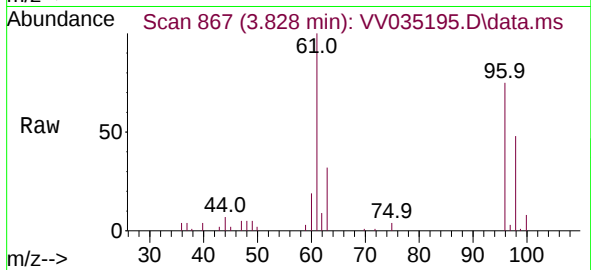




#22
 cis-1,2-Dichloroethene
 Concen: 1.017 ug/L
 RT: 3.828 min Scan# 867
 Delta R.T. 0.013 min
 Lab File: VV035195.D
 Acq: 15 Apr 2024 12:43

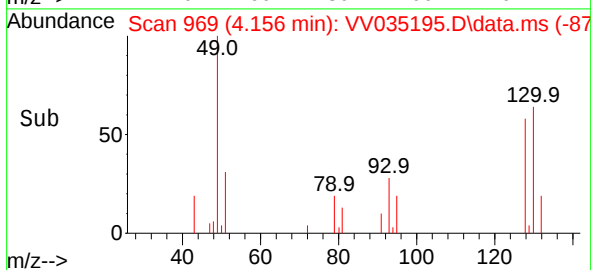
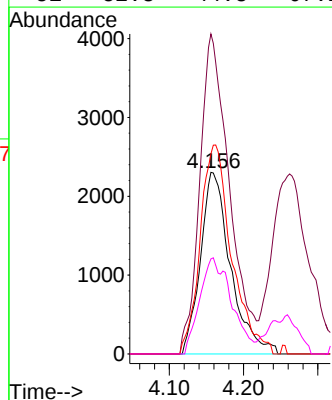
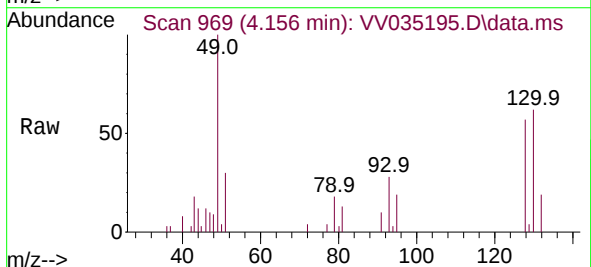
Instrument :
 MSVOA_V
 ClientSampleId :

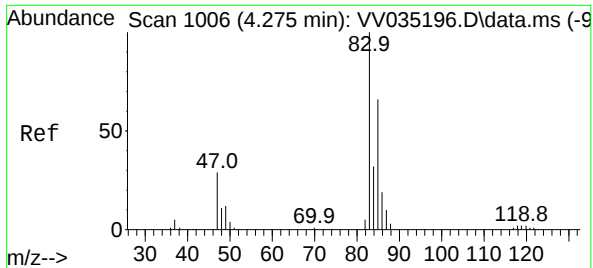
Tgt Ion: 96 Resp: 14424
 Ion Ratio Lower Upper
 96 100
 61 133.0 92.8 172.4
 98 64.1 45.5 84.5



#23
 Bromochloromethane
 Concen: 1.088 ug/L
 RT: 4.156 min Scan# 969
 Delta R.T. 0.003 min
 Lab File: VV035195.D
 Acq: 15 Apr 2024 12:43

Tgt Ion:128 Resp: 6475
 Ion Ratio Lower Upper
 128 100
 49 176.2 119.8 222.4
 130 110.1 85.2 158.2
 51 52.3 44.8 67.2





#25

Chloroform

Concen: 1.069 ug/L

RT: 4.278 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV035195.D

Acq: 15 Apr 2024 12:43

Instrument :

MSVOA_V

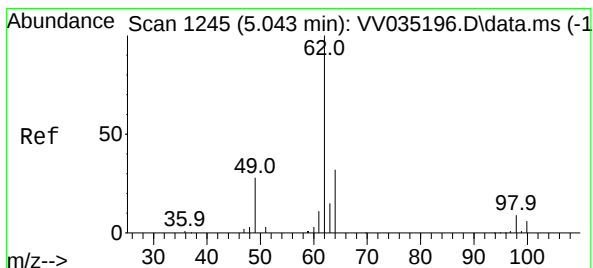
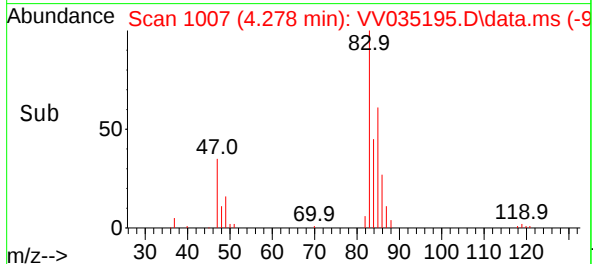
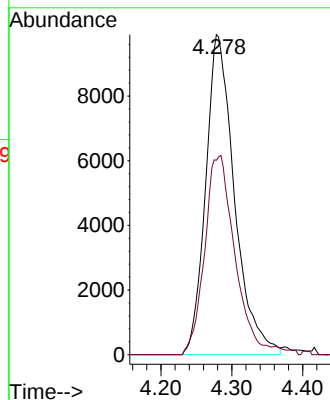
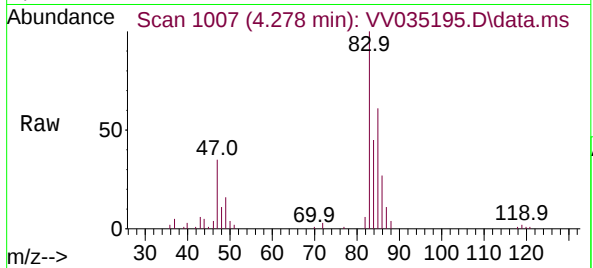
ClientSampleId :

Tgt Ion: 83 Resp: 27895

Ion Ratio Lower Upper

83 100

85 60.7 46.0 85.4



#27

1,2-Dichloroethane

Concen: 1.021 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. 0.013 min

Lab File: VV035195.D

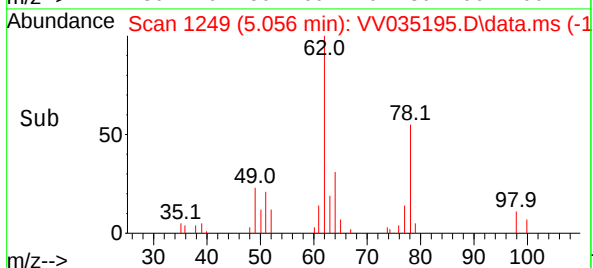
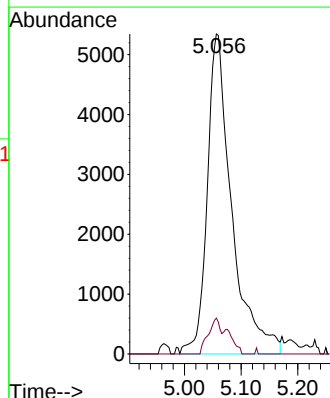
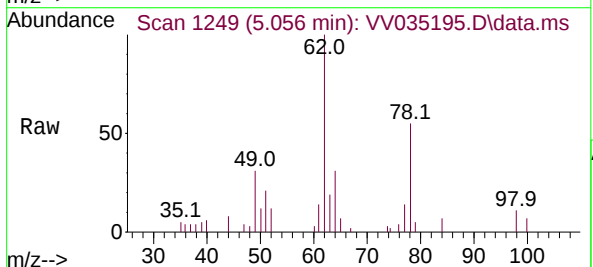
Acq: 15 Apr 2024 12:43

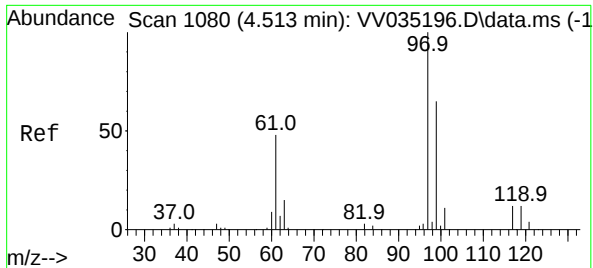
Tgt Ion: 62 Resp: 16014

Ion Ratio Lower Upper

62 100

98 11.2 7.3 10.9#

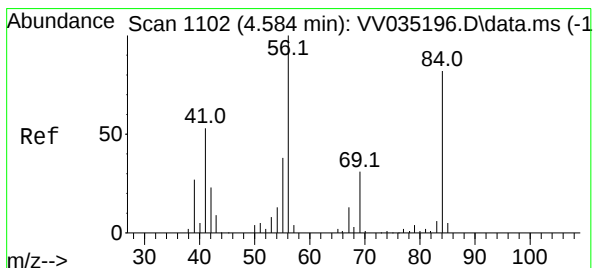
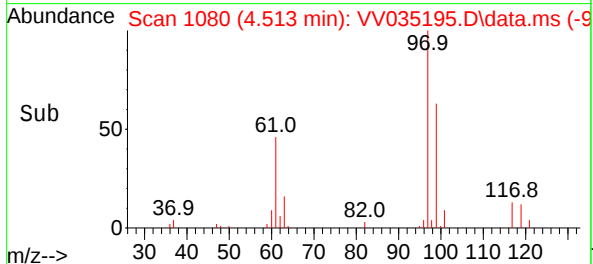
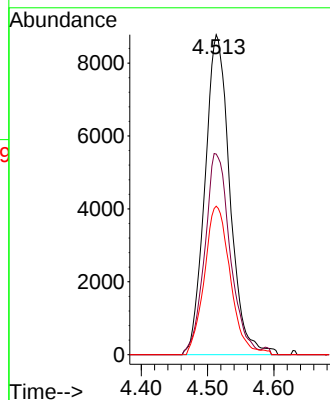
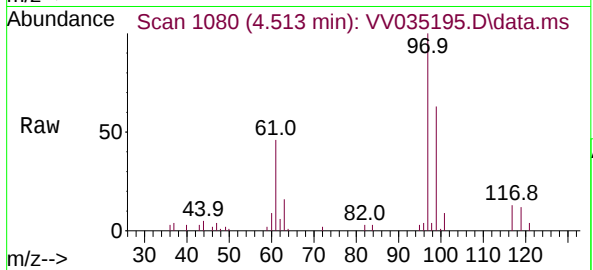




#29
1,1,1-Trichloroethane
Concen: 0.923 ug/L
RT: 4.513 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VV035195.D
Acq: 15 Apr 2024 12:43

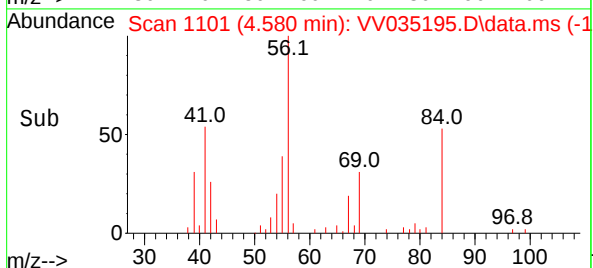
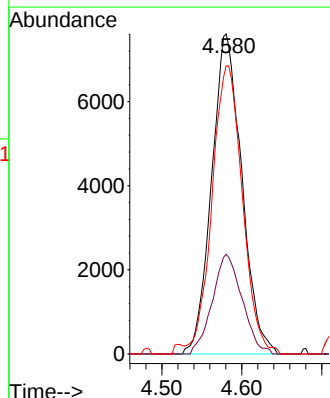
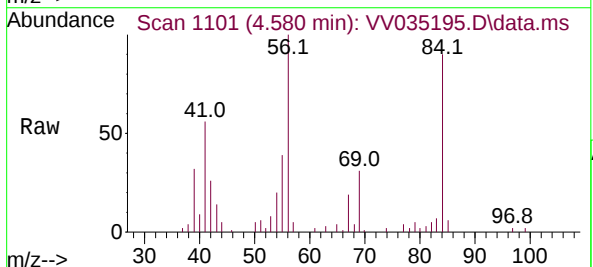
Instrument :
MSVOA_V
ClientSampleId :

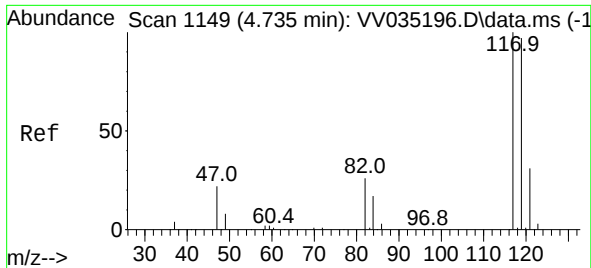
Tgt Ion: 97 Resp: 22967
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.2
61 48.2 38.3 57.5



#30
Cyclohexane
Concen: 0.908 ug/L
RT: 4.580 min Scan# 1101
Delta R.T. -0.003 min
Lab File: VV035195.D
Acq: 15 Apr 2024 12:43

Tgt Ion: 56 Resp: 19891
Ion Ratio Lower Upper
56 100
69 30.8 24.8 37.2
84 90.5 69.4 104.2

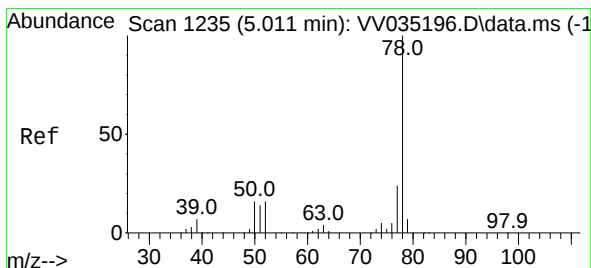
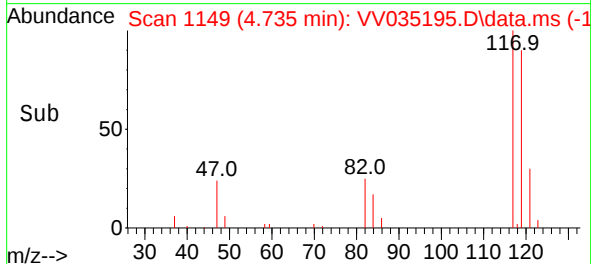
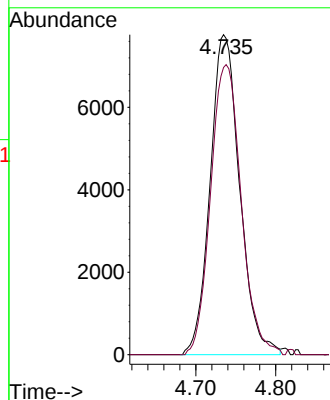
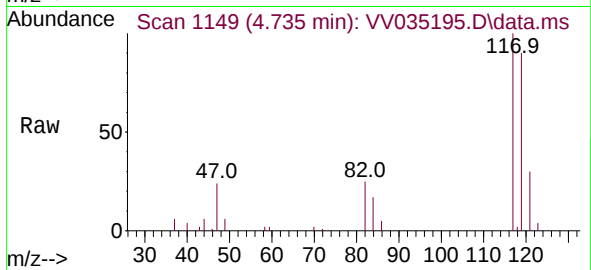




#31
Carbon tetrachloride
Concen: 0.929 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV035195.D
Acq: 15 Apr 2024 12:43

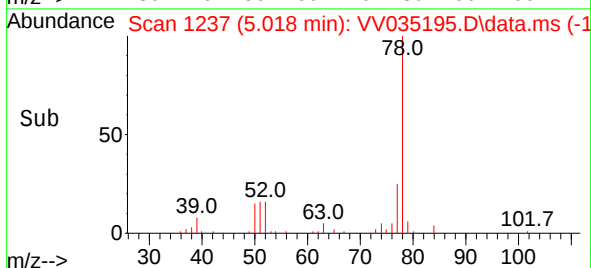
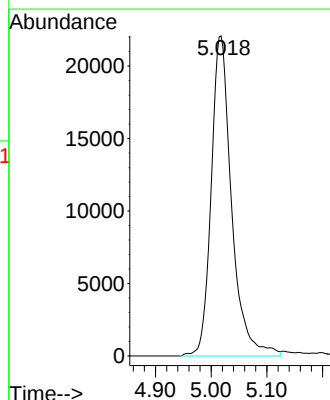
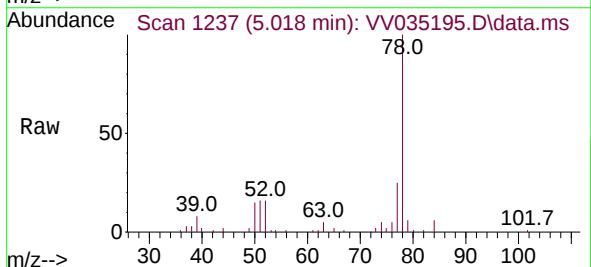
Instrument :
MSVOA_V
ClientSampleId :

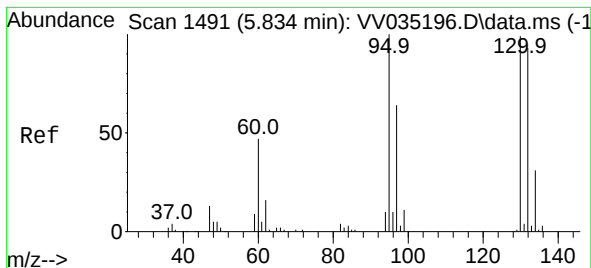
Tgt Ion:117 Resp: 19932
Ion Ratio Lower Upper
117 100
119 93.8 77.0 115.6



#33
Benzene
Concen: 0.993 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.006 min
Lab File: VV035195.D
Acq: 15 Apr 2024 12:43

Tgt Ion: 78 Resp: 56146





#34

Trichloroethene

Concen: 1.025 ug/L

RT: 5.841 min Scan# 1491

Delta R.T. 0.006 min

Lab File: VV035195.D

Acq: 15 Apr 2024 12:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 15108

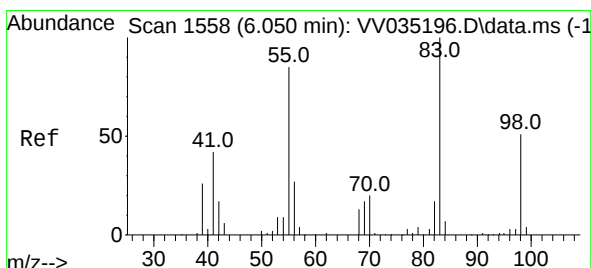
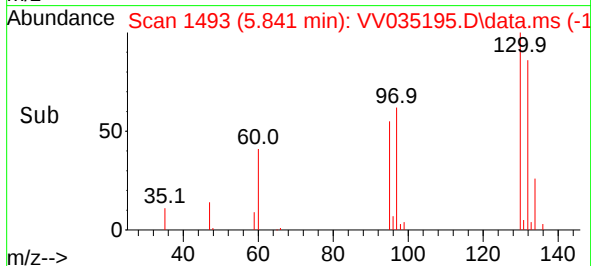
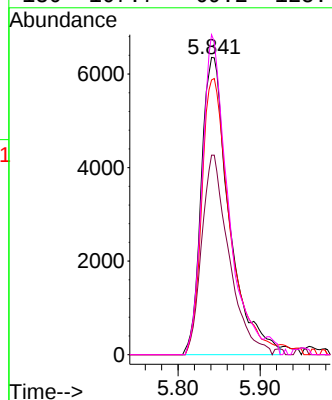
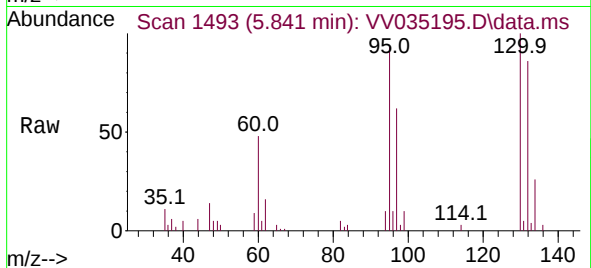
Ion Ratio Lower Upper

95 100

97 67.1 44.7 82.9

132 92.4 64.8 120.3

130 107.7 69.2 128.4



#35

Methylcyclohexane

Concen: 0.886 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. -0.003 min

Lab File: VV035195.D

Acq: 15 Apr 2024 12:43

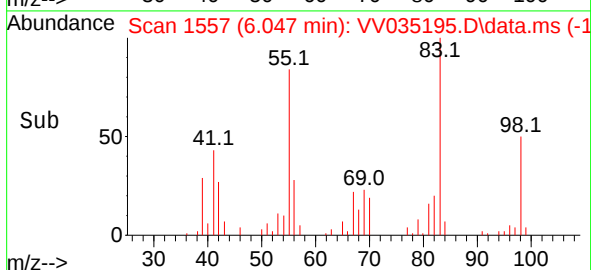
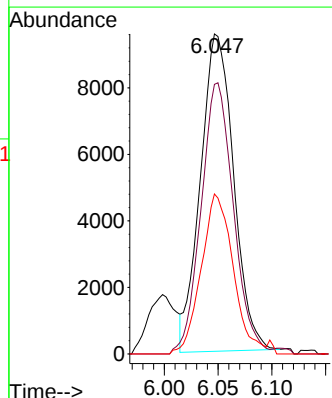
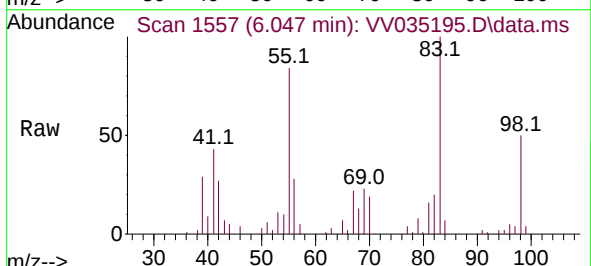
Tgt Ion: 83 Resp: 20493

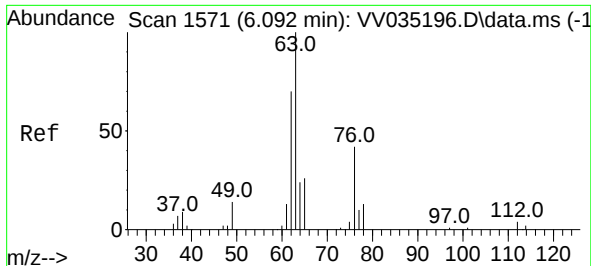
Ion Ratio Lower Upper

83 100

55 83.3 63.8 95.6

98 48.5 37.4 56.2

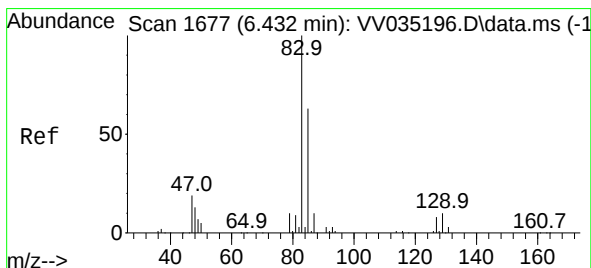
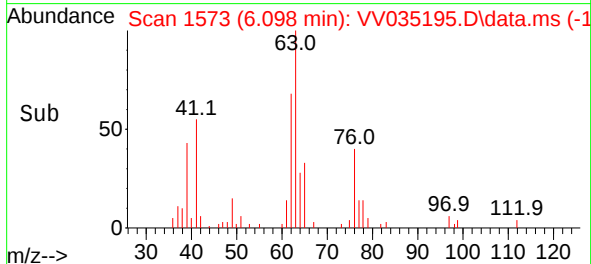
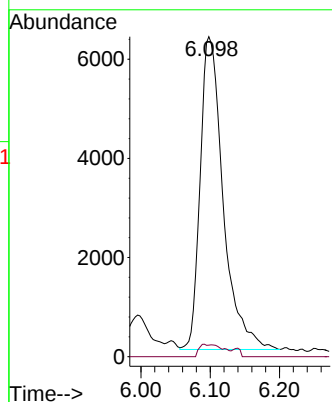
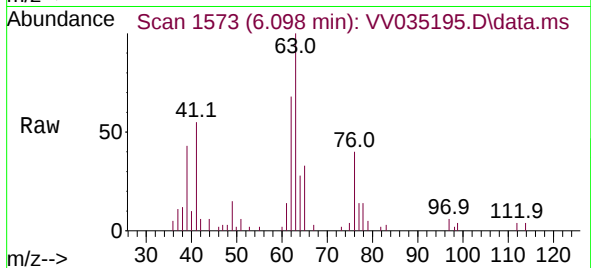




#37
1,2-Dichloropropane
Concen: 1.027 ug/L
RT: 6.098 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV035195.D
Acq: 15 Apr 2024 12:43

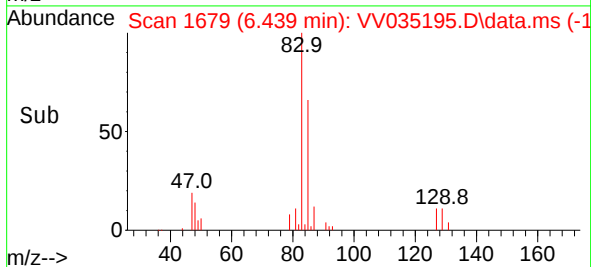
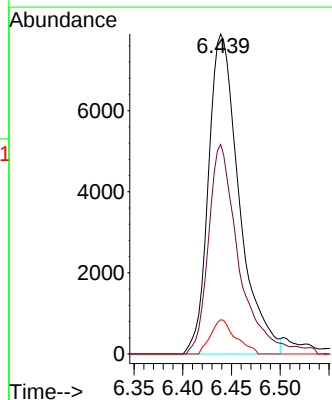
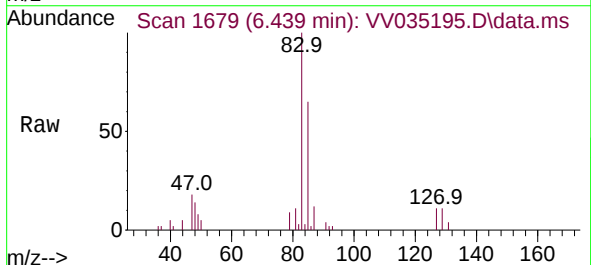
Instrument :
MSVOA_V
ClientSampleId :

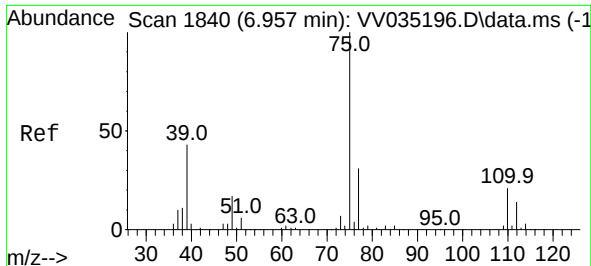
Tgt Ion: 63 Resp: 14560
Ion Ratio Lower Upper
63 100
112 1.7 3.3 4.9#



#38
Bromodichloromethane
Concen: 0.914 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VV035195.D
Acq: 15 Apr 2024 12:43

Tgt Ion: 83 Resp: 17315
Ion Ratio Lower Upper
83 100
85 65.4 43.8 81.4
127 10.7 6.3 9.5#

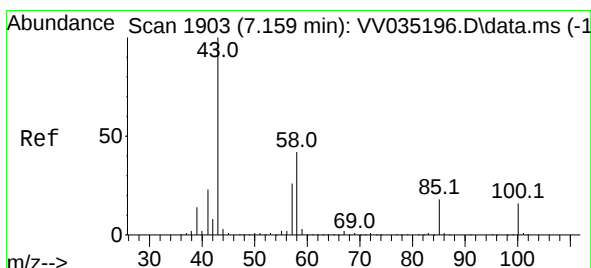
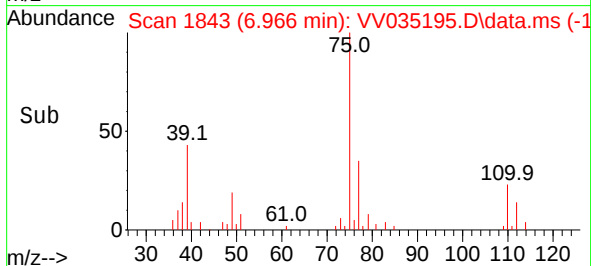
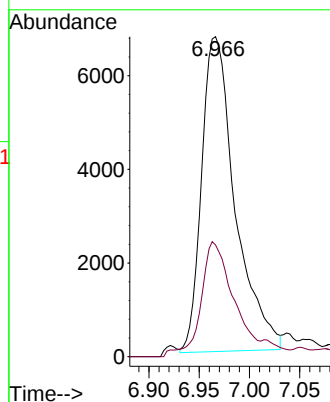
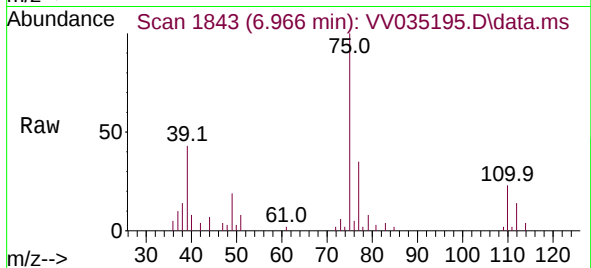




#39
 cis-1,3-Dichloropropene
 Concen: 0.805 ug/L
 RT: 6.966 min Scan# 11
 Delta R.T. 0.010 min
 Lab File: VV035195.D
 Acq: 15 Apr 2024 12:43

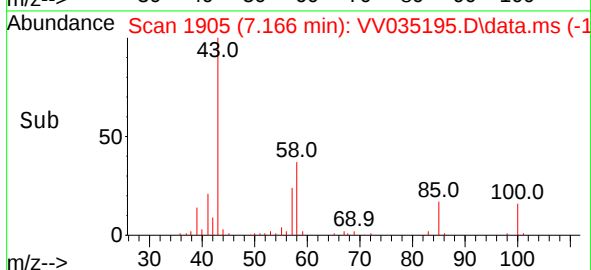
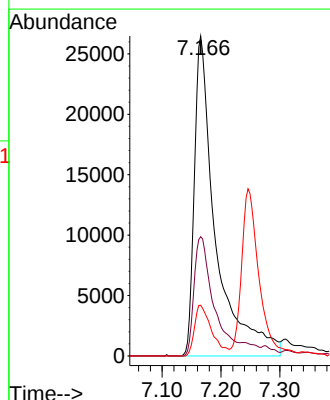
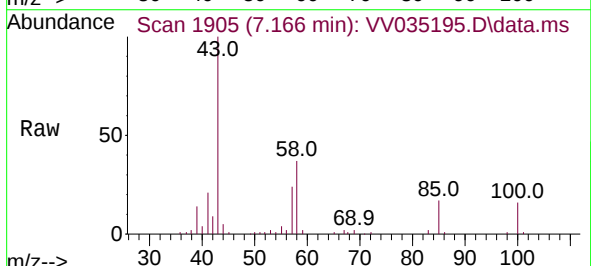
Instrument :
 MSVOA_V
 ClientSampleId :

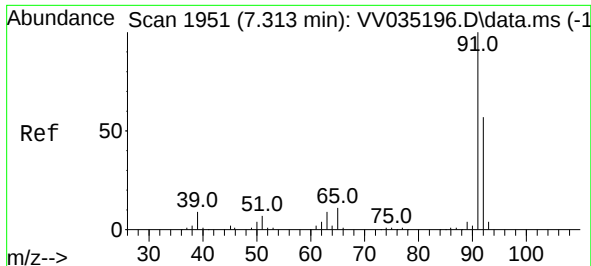
Tgt Ion: 75 Resp: 15634
 Ion Ratio Lower Upper
 75 100
 77 34.9 21.8 40.4



#40
 4-Methyl-2-pentanone
 Concen: 7.912 ug/L
 RT: 7.166 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VV035195.D
 Acq: 15 Apr 2024 12:43

Tgt Ion: 43 Resp: 66631
 Ion Ratio Lower Upper
 43 100
 58 34.2 33.4 50.0
 100 12.9 10.6 15.8





#42

Toluene

Concen: 0.945 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VV035195.D

Acq: 15 Apr 2024 12:43

Instrument :

MSVOA_V

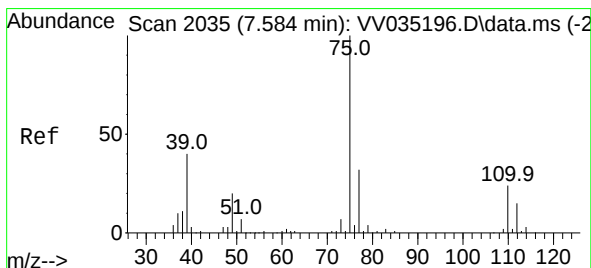
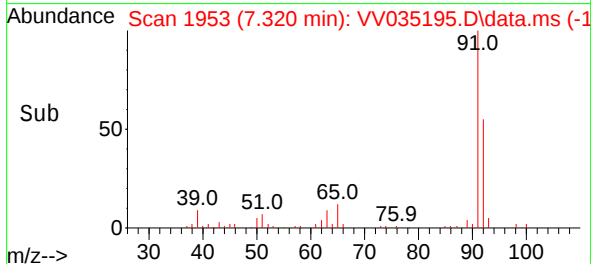
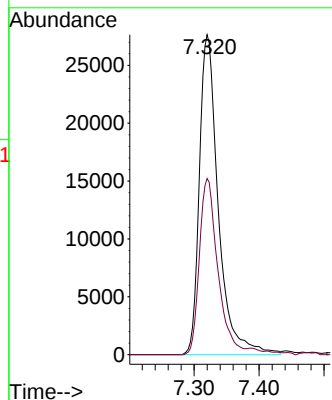
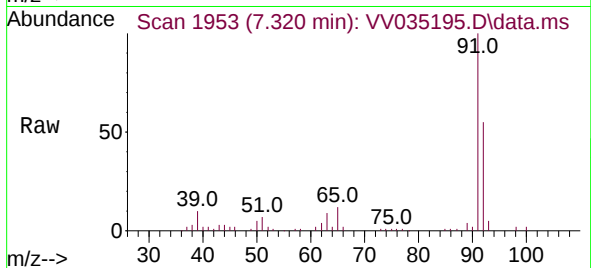
ClientSampleId :

Tgt Ion: 91 Resp: 56182

Ion Ratio Lower Upper

91 100

92 55.1 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 0.892 ug/L

RT: 7.593 min Scan# 2038

Delta R.T. 0.010 min

Lab File: VV035195.D

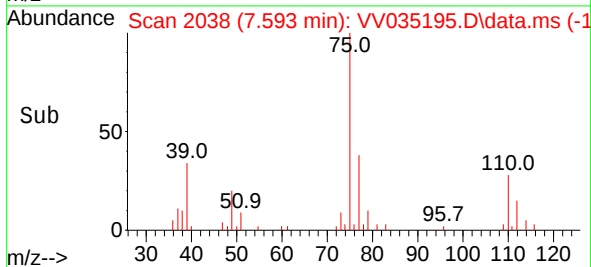
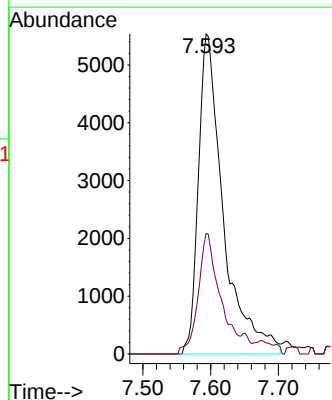
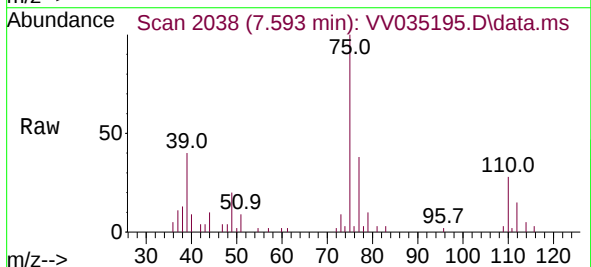
Acq: 15 Apr 2024 12:43

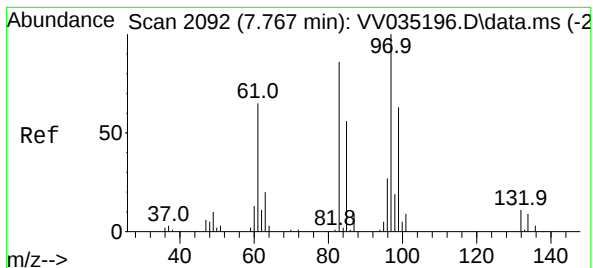
Tgt Ion: 75 Resp: 14150

Ion Ratio Lower Upper

75 100

77 37.7 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 1.054 ug/L

RT: 7.776 min Scan# 2092

Delta R.T. 0.010 min

Lab File: VV035195.D

Acq: 15 Apr 2024 12:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 10140

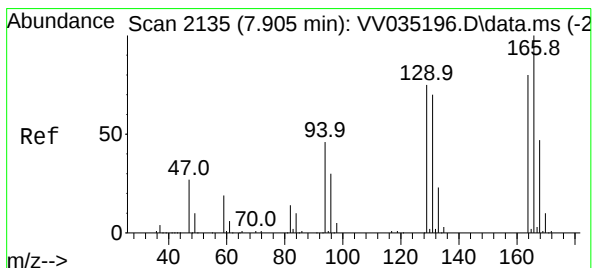
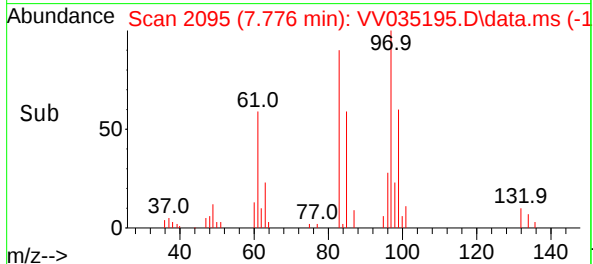
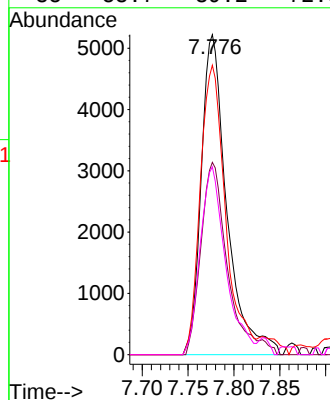
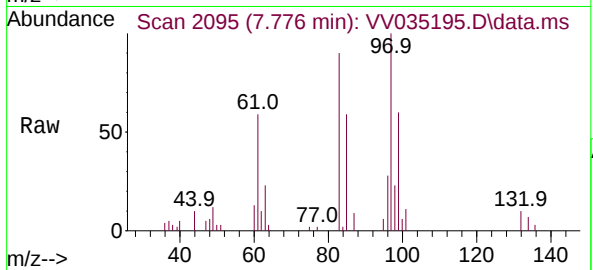
Ion Ratio Lower Upper

97 100

99 60.1 44.2 82.2

83 90.4 60.2 111.8

85 58.7 39.2 72.8



#47

Tetrachloroethene

Concen: 1.014 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VV035195.D

Acq: 15 Apr 2024 12:43

Tgt Ion: 164 Resp: 11702

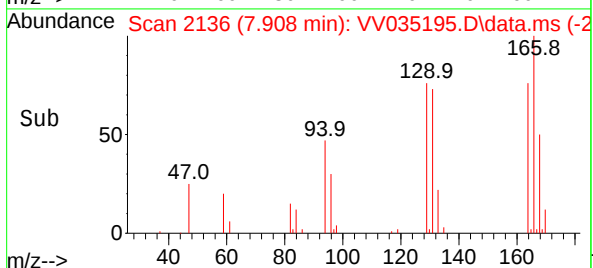
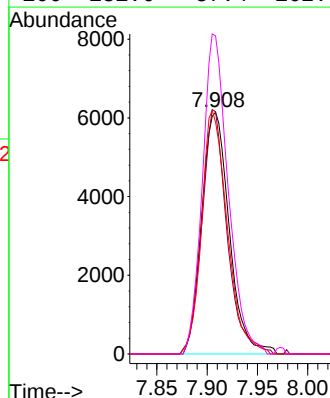
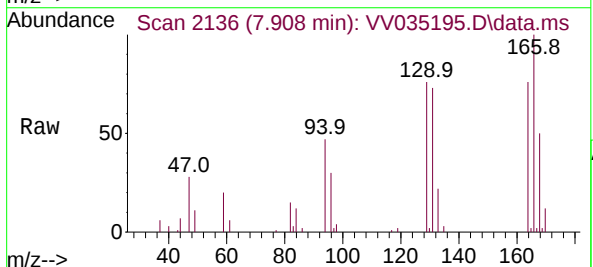
Ion Ratio Lower Upper

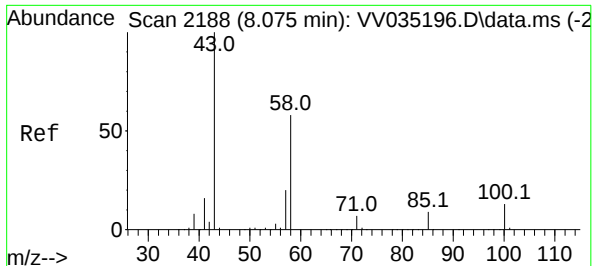
164 100

129 100.2 65.3 121.3

131 95.9 60.9 113.1

166 131.6 87.4 162.4





#48

2-Hexanone

Concen: 7.244 ug/L

RT: 8.088 min Scan# 2188

Delta R.T. 0.013 min

Lab File: VV035195.D

Acq: 15 Apr 2024 12:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 44033

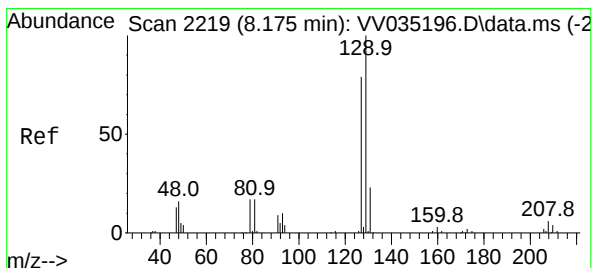
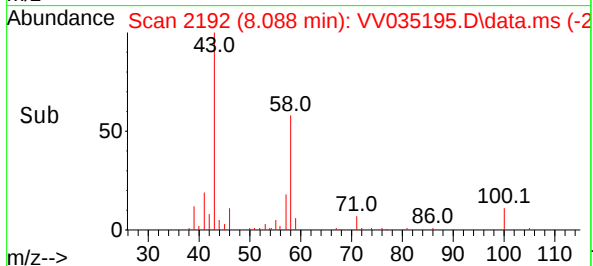
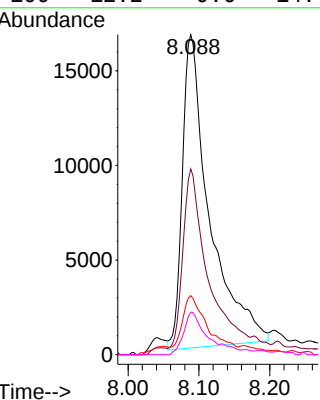
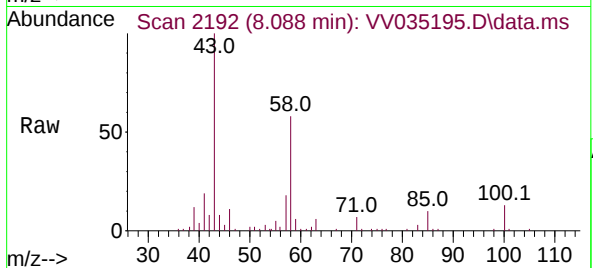
Ion Ratio Lower Upper

43 100

58 52.3 45.2 67.8

57 17.1 15.5 23.3

100 12.2 9.6 14.4



#49

Dibromochloromethane

Concen: 0.963 ug/L

RT: 8.178 min Scan# 2220

Delta R.T. 0.003 min

Lab File: VV035195.D

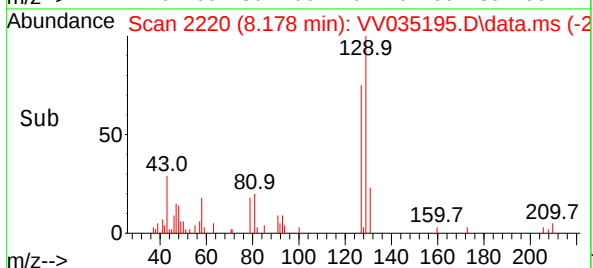
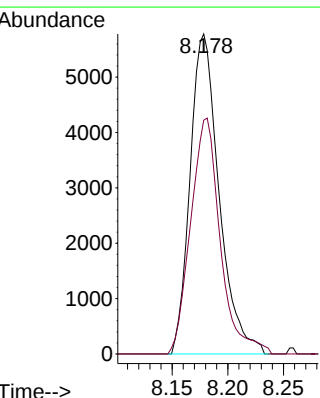
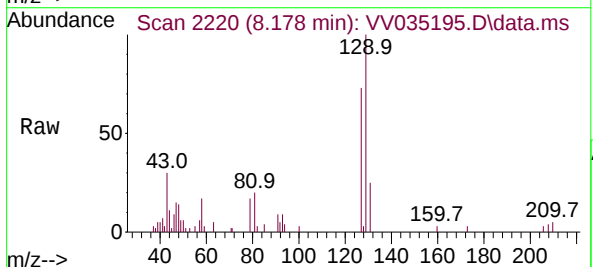
Acq: 15 Apr 2024 12:43

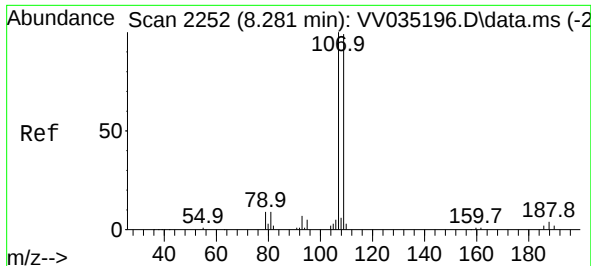
Tgt Ion: 129 Resp: 10480

Ion Ratio Lower Upper

129 100

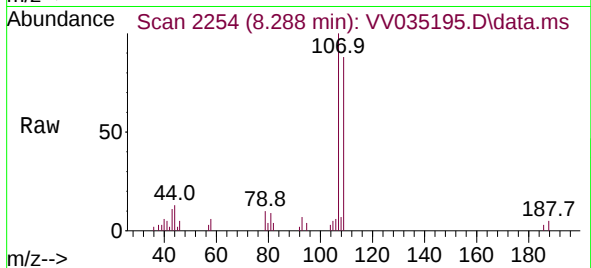
127 73.0 55.2 102.6



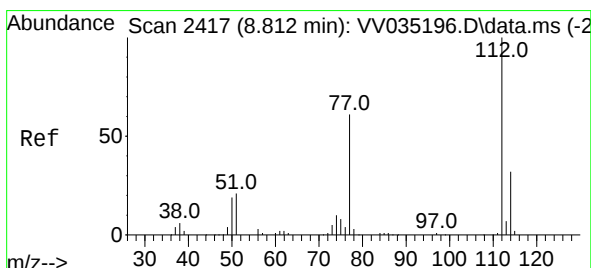
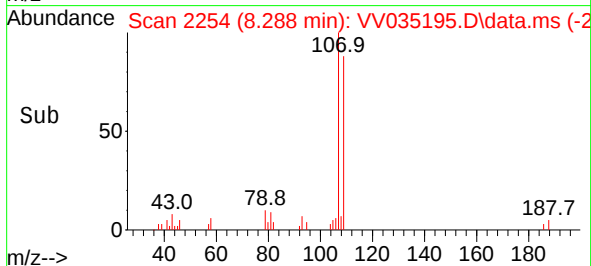
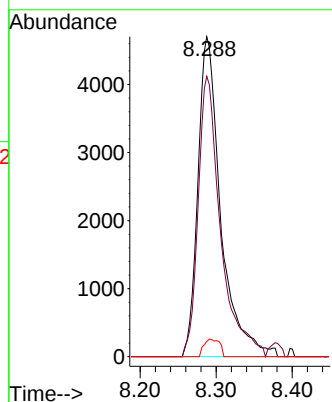


#50
1,2-Dibromoethane
Concen: 1.093 ug/L
RT: 8.288 min Scan# 2419
Delta R.T. 0.006 min
Lab File: VV035195.D
Acq: 15 Apr 2024 12:43

Instrument :
MSVOA_V
ClientSampleId :

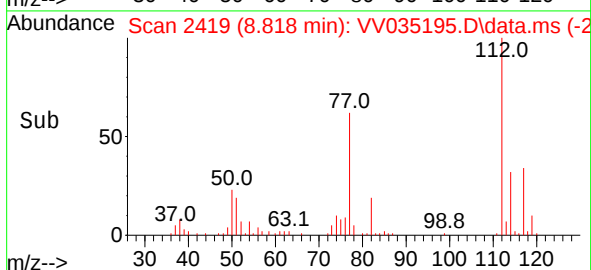
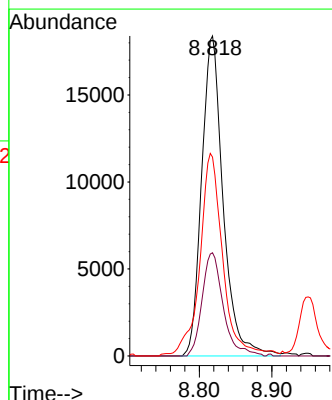
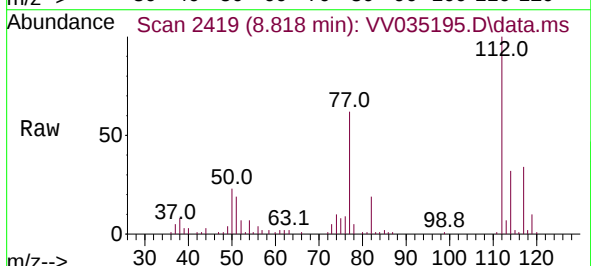


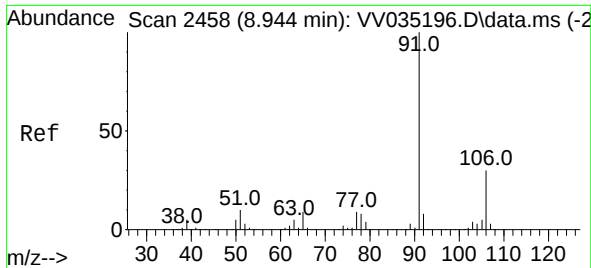
Tgt Ion:107 Resp: 9828
Ion Ratio Lower Upper
107 100
109 87.6 69.1 128.3
188 4.7 2.8 4.2#



#51
Chlorobenzene
Concen: 0.993 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.006 min
Lab File: VV035195.D
Acq: 15 Apr 2024 12:43

Tgt Ion:112 Resp: 37902
Ion Ratio Lower Upper
112 100
114 32.3 22.0 41.0
77 62.2 49.0 73.6

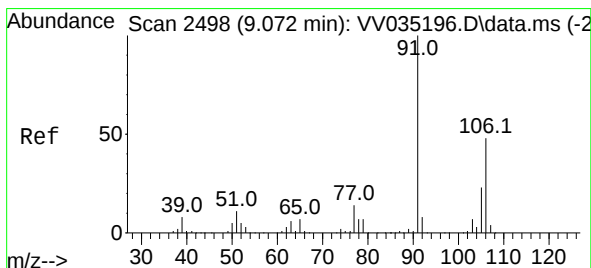
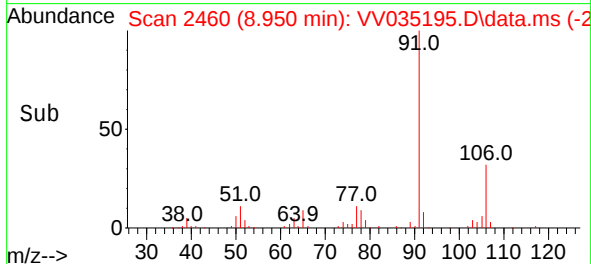
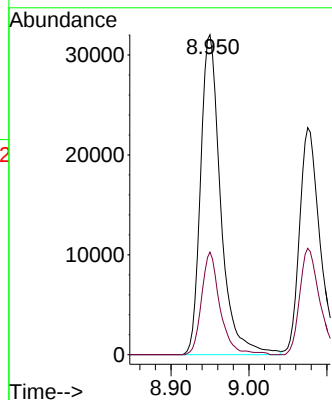
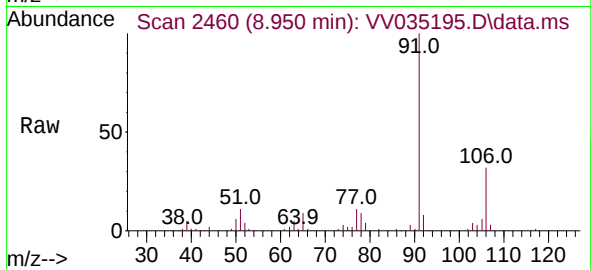




#52
Ethylbenzene
Concen: 0.873 ug/L
RT: 8.950 min Scan# 2458
Delta R.T. 0.006 min
Lab File: VV035195.D
Acq: 15 Apr 2024 12:43

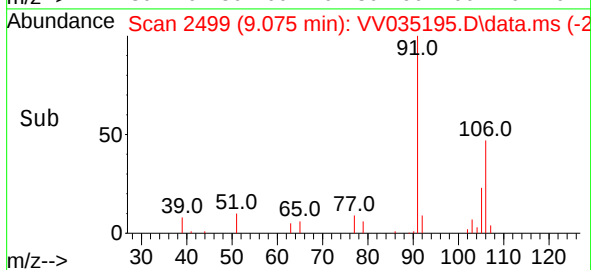
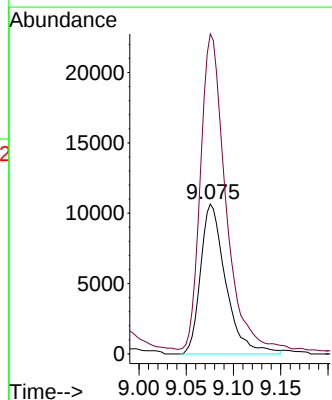
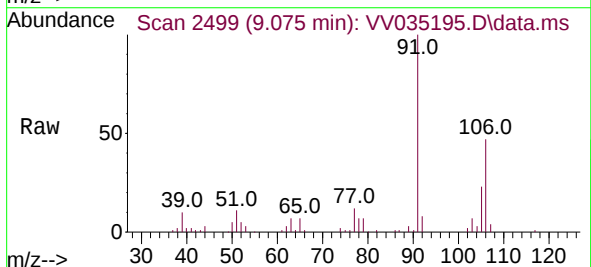
Instrument :
MSVOA_V
ClientSampleId :

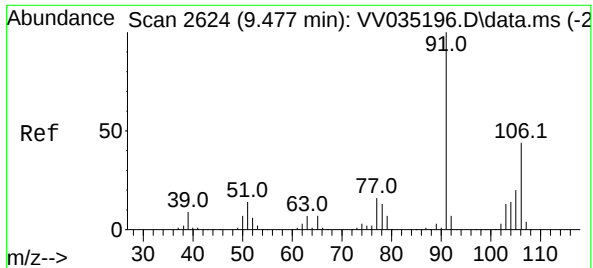
Tgt Ion: 91 Resp: 57447
Ion Ratio Lower Upper
91 100
106 32.0 21.3 39.5



#53
m,p-Xylene
Concen: 0.806 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VV035195.D
Acq: 15 Apr 2024 12:43

Tgt Ion: 106 Resp: 19734
Ion Ratio Lower Upper
106 100
91 213.5 147.1 273.3

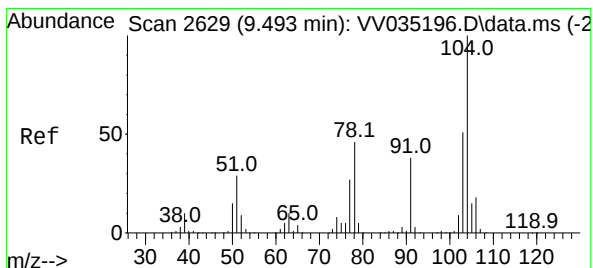
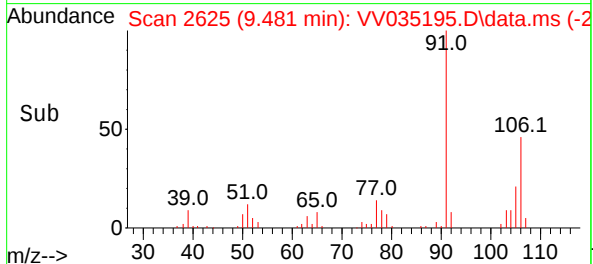
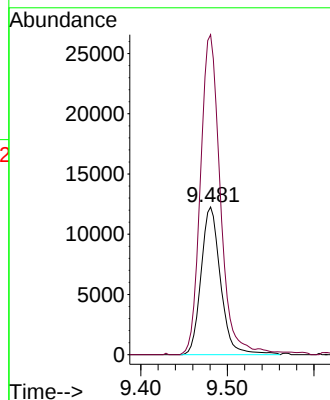
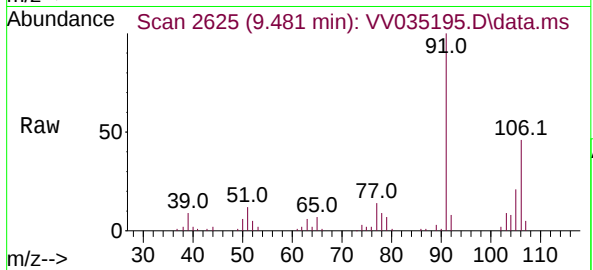




#54
o-Xylene
Concen: 0.794 ug/L
RT: 9.481 min Scan# 2624
Delta R.T. 0.003 min
Lab File: VV035195.D
Acq: 15 Apr 2024 12:43

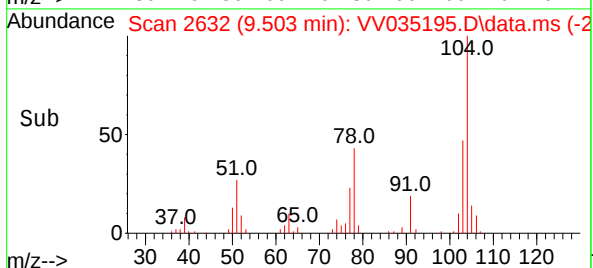
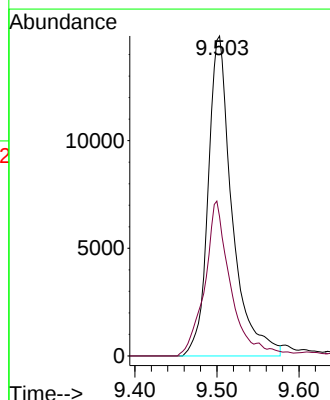
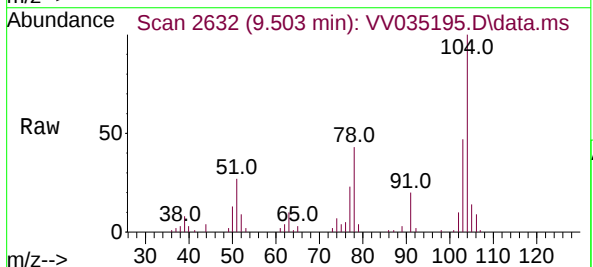
Instrument :
MSVOA_V
ClientSampleId :

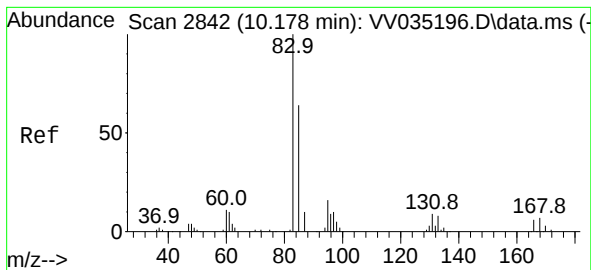
Tgt Ion:106 Resp: 19208
Ion Ratio Lower Upper
106 100
91 216.6 157.7 292.9



#55
Styrene
Concen: 0.763 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.010 min
Lab File: VV035195.D
Acq: 15 Apr 2024 12:43

Tgt Ion:104 Resp: 30192
Ion Ratio Lower Upper
104 100
78 43.5 32.4 60.2

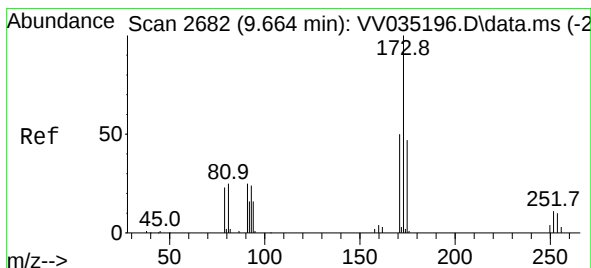
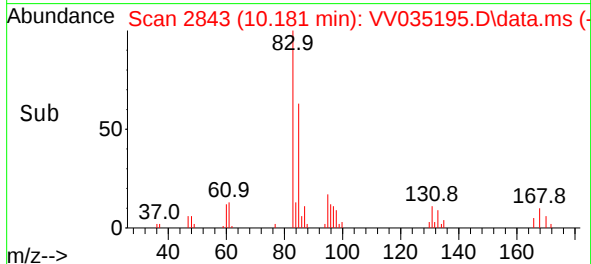
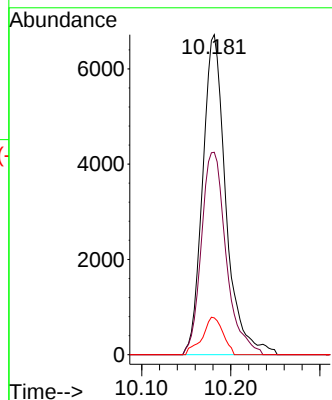
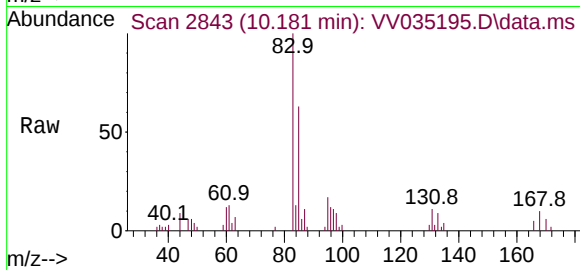




#57
1,1,2,2-Tetrachloroethane
Concen: 1.046 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VV035195.D
Acq: 15 Apr 2024 12:43

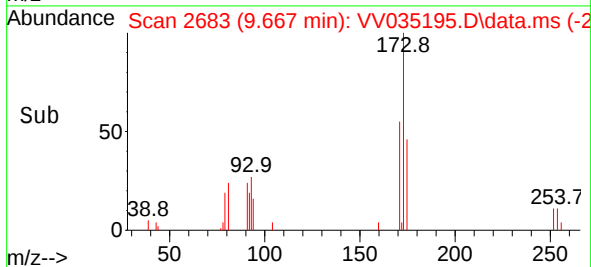
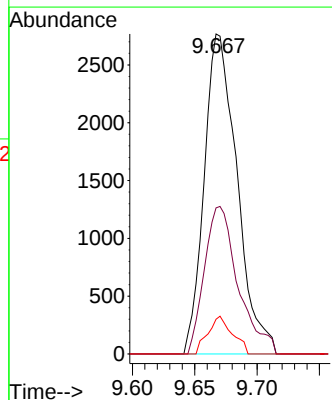
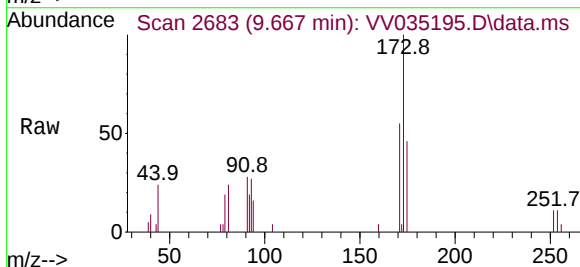
Instrument :
MSVOA_V
ClientSampleId :

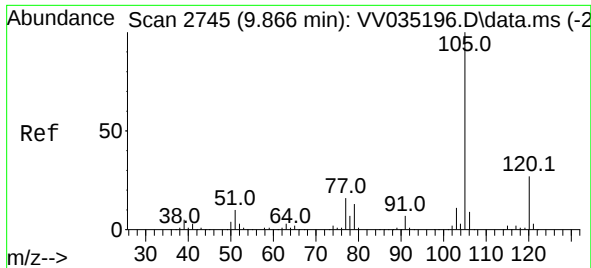
Tgt Ion: 83 Resp: 12194
Ion Ratio Lower Upper
83 100
85 63.3 44.9 83.5
131 11.5 7.8 11.6



#59
Bromoform
Concen: 1.036 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.003 min
Lab File: VV035195.D
Acq: 15 Apr 2024 12:43

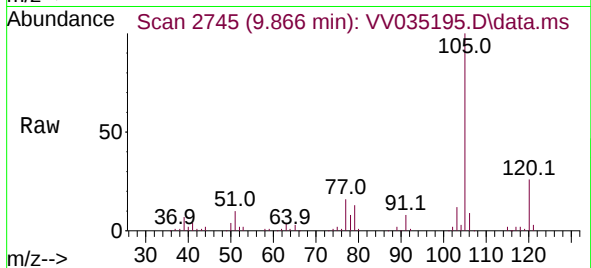
Tgt Ion: 173 Resp: 5071
Ion Ratio Lower Upper
173 100
175 47.4 38.6 57.8
254 8.8 8.2 12.2



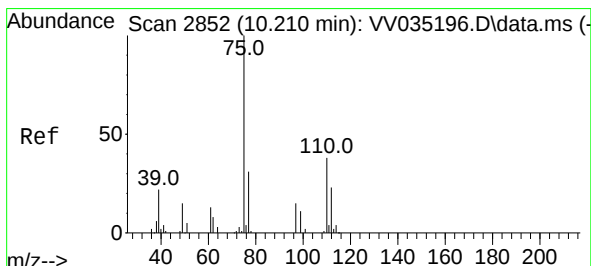
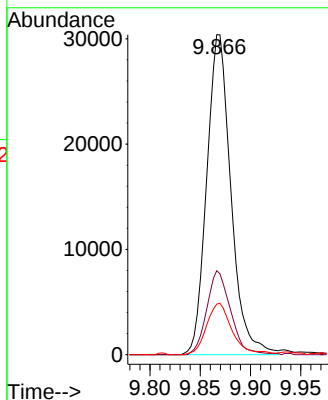
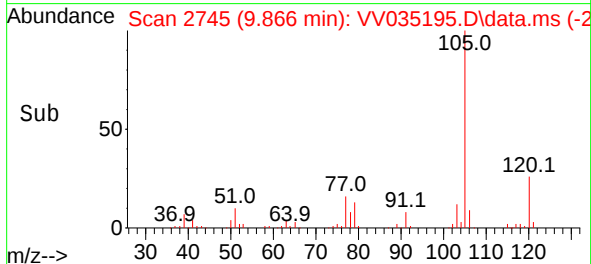


#60
Isopropylbenzene
Concen: 0.890 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV035195.D
Acq: 15 Apr 2024 12:43

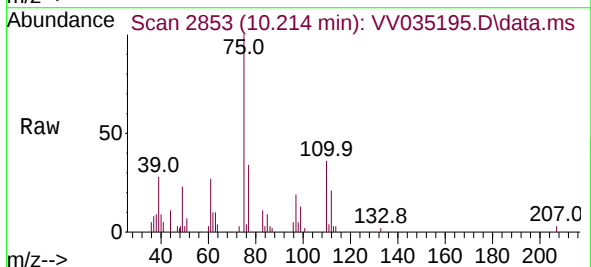
Instrument :
MSVOA_V
ClientSampleId :



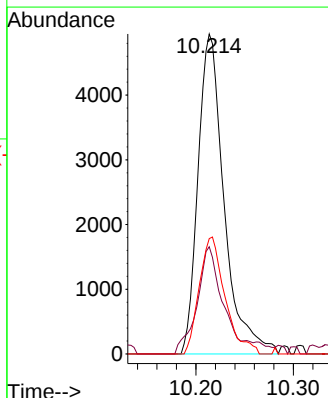
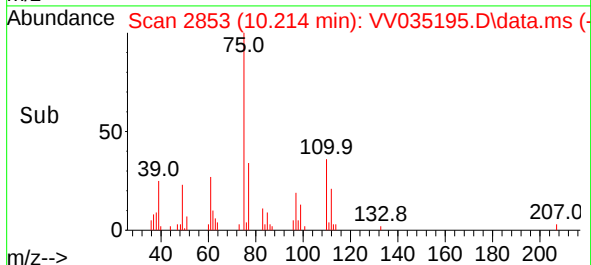
Tgt Ion:105 Resp: 50907
Ion Ratio Lower Upper
105 100
120 25.7 21.1 31.7
77 17.0 13.1 19.7

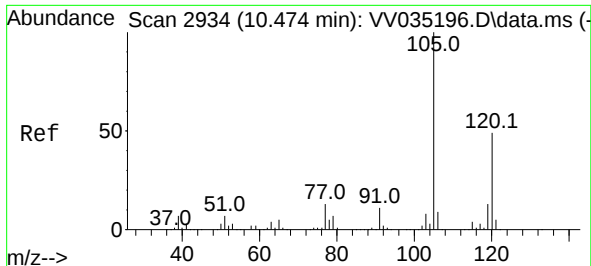


#61
1,2,3-Trichloropropane
Concen: 1.212 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.003 min
Lab File: VV035195.D
Acq: 15 Apr 2024 12:43



Tgt Ion: 75 Resp: 9197
Ion Ratio Lower Upper
75 100
77 35.4 25.3 37.9
110 36.0 29.6 44.4





#62

1,3,5-Trimethylbenzene

Concen: 0.806 ug/L

RT: 10.477 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV035195.D

Acq: 15 Apr 2024 12:43

Instrument :

MSVOA_V

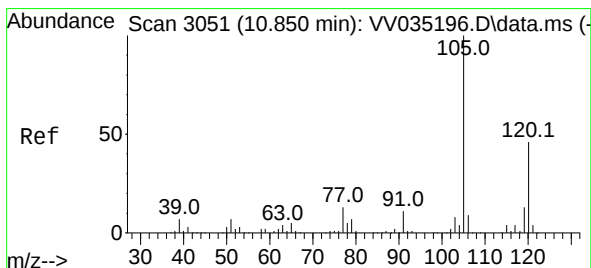
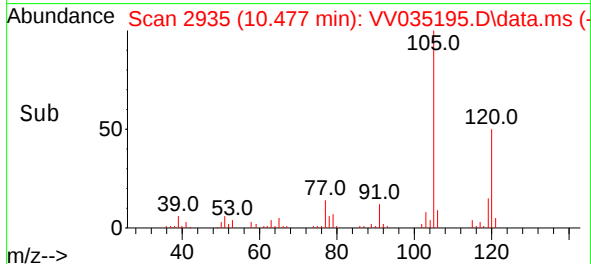
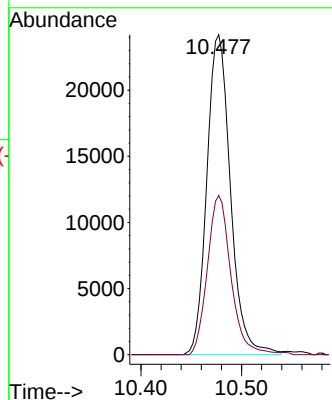
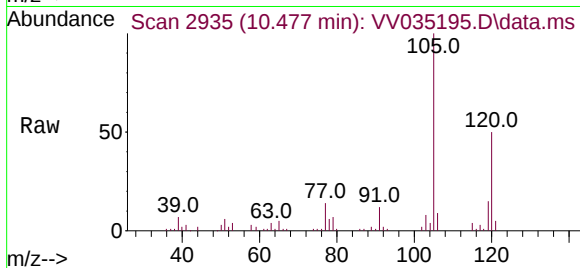
ClientSampleId :

Tgt Ion:105 Resp: 39494

Ion Ratio Lower Upper

105 100

120 49.7 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 0.770 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VV035195.D

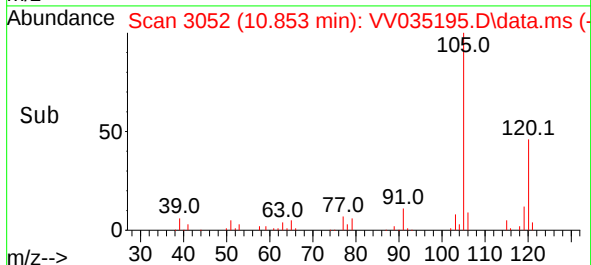
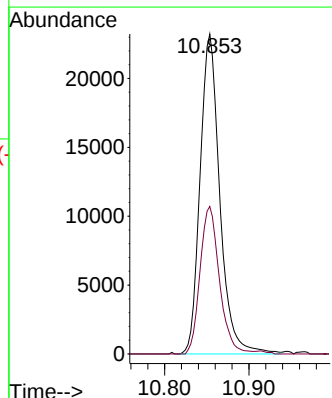
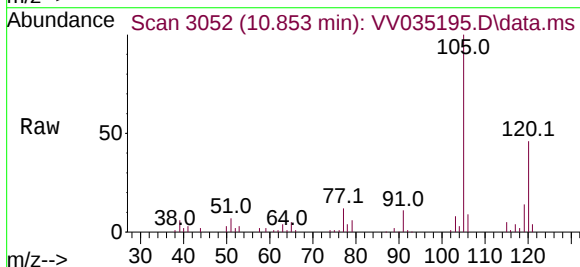
Acq: 15 Apr 2024 12:43

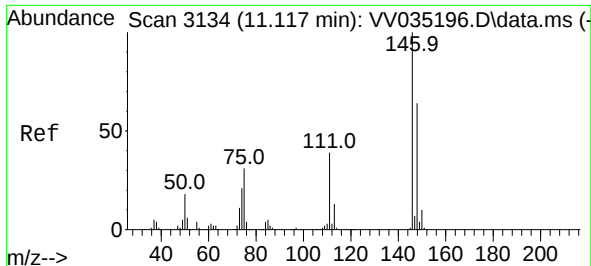
Tgt Ion:105 Resp: 37930

Ion Ratio Lower Upper

105 100

120 45.2 36.0 54.0





#64

1,3-Dichlorobenzene

Concen: 0.994 ug/L

RT: 11.120 min Scan# 3134

Delta R.T. 0.003 min

Lab File: VV035195.D

Acq: 15 Apr 2024 12:43

Instrument :

MSVOA_V

ClientSampleId :

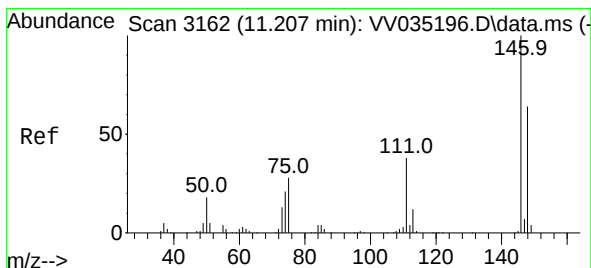
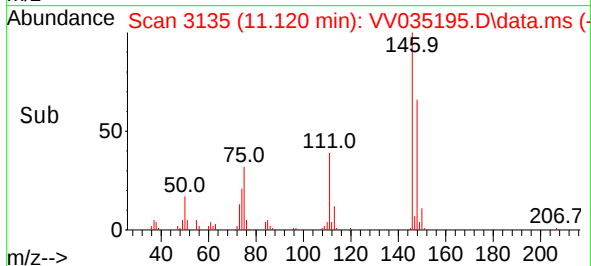
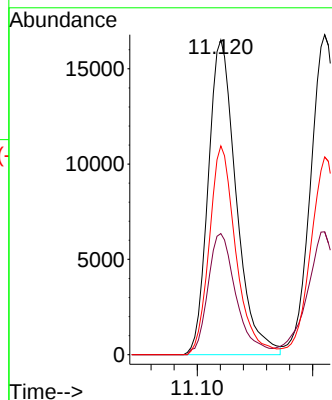
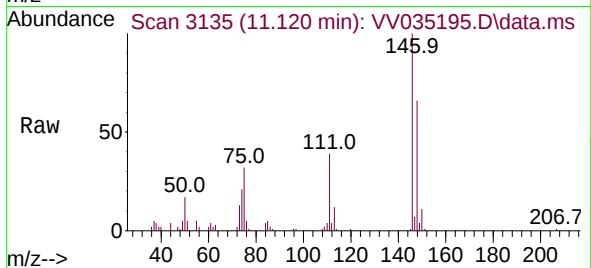
Tgt Ion:146 Resp: 27740

Ion Ratio Lower Upper

146 100

111 38.5 27.6 51.2

148 66.3 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 1.060 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VV035195.D

Acq: 15 Apr 2024 12:43

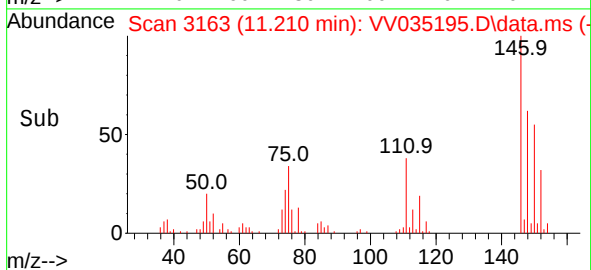
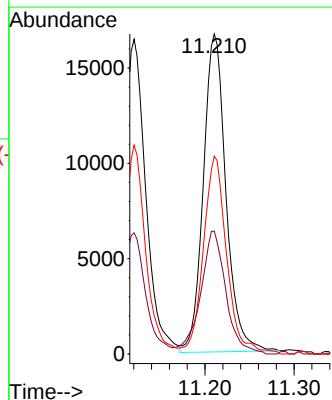
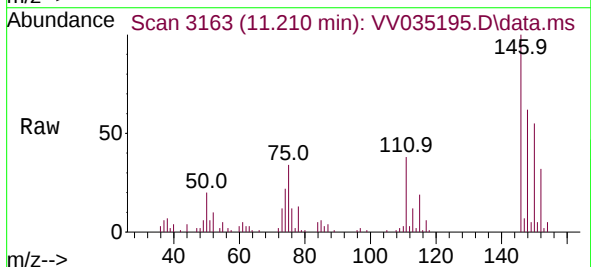
Tgt Ion:146 Resp: 29494

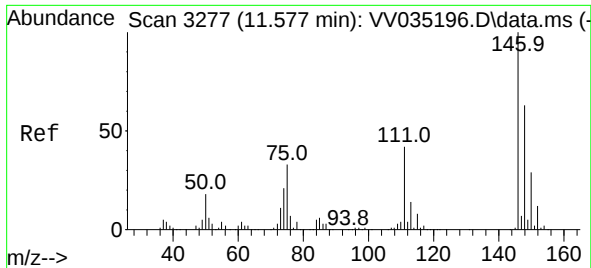
Ion Ratio Lower Upper

146 100

111 38.4 27.1 50.3

148 61.8 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 1.007 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035195.D

Acq: 15 Apr 2024 12:43

Instrument :

MSVOA_V

ClientSampleId :

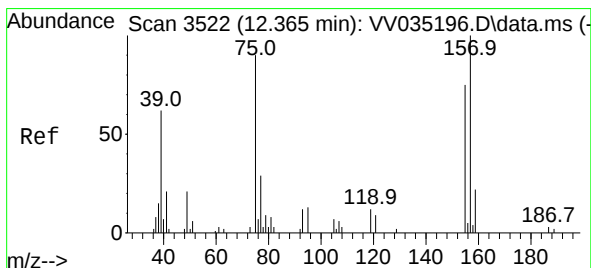
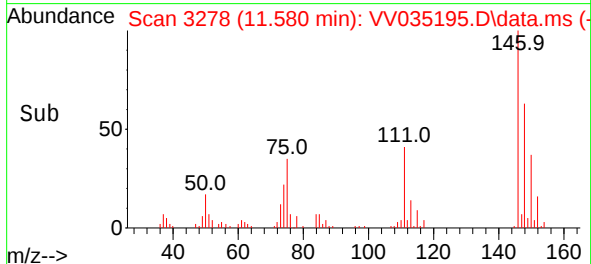
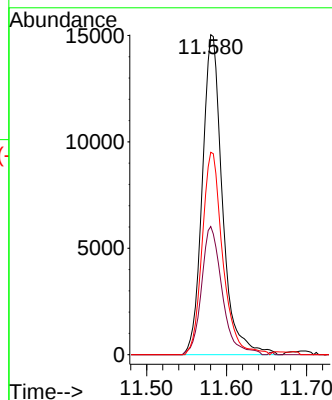
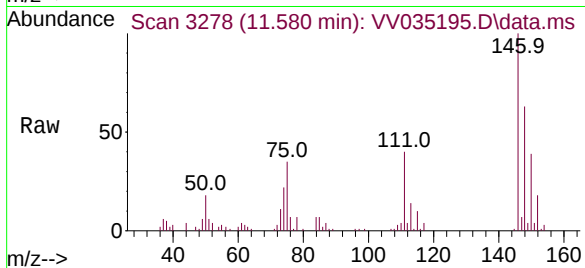
Tgt Ion:146 Resp: 26323

Ion Ratio Lower Upper

146 100

111 40.0 33.7 50.5

148 63.3 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 0.817 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. 0.006 min

Lab File: VV035195.D

Acq: 15 Apr 2024 12:43

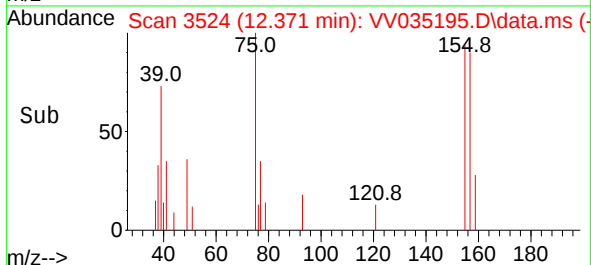
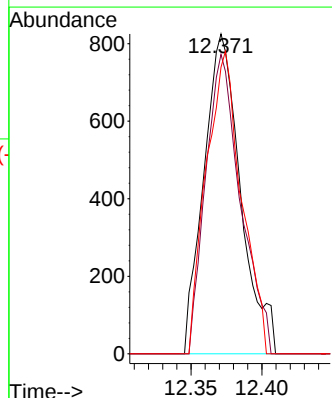
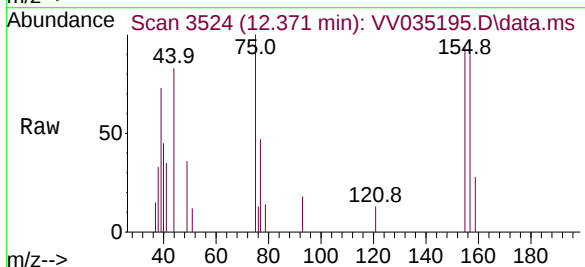
Tgt Ion: 75 Resp: 1488

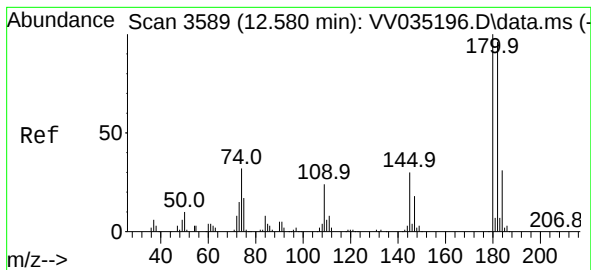
Ion Ratio Lower Upper

75 100

155 93.6 66.8 100.2

157 89.6 88.8 133.2





#69

1,3,5-Trichlorobenzene

Concen: 0.966 ug/L

RT: 12.583 min Scan# 3589

Delta R.T. 0.003 min

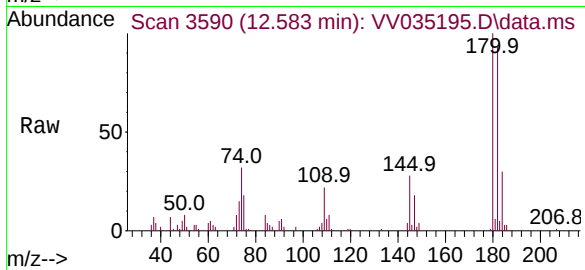
Lab File: VV035195.D

Acq: 15 Apr 2024 12:43

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 20740

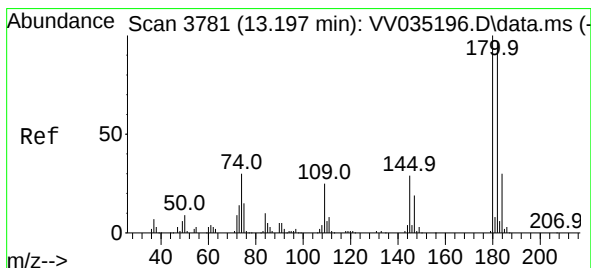
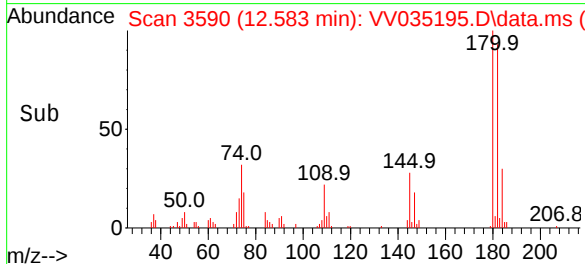
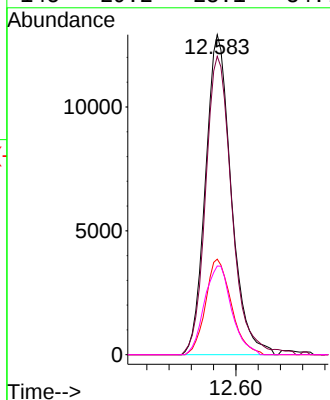
Ion Ratio Lower Upper

180 100

182 95.2 75.4 113.2

184 29.7 24.0 36.0

145 29.2 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 0.938 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV035195.D

Acq: 15 Apr 2024 12:43

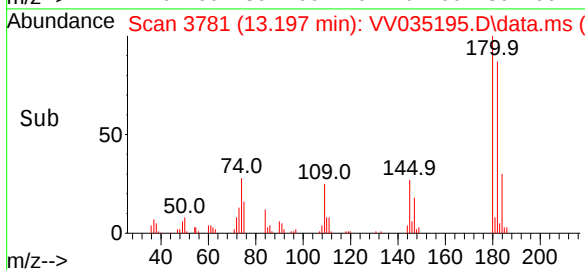
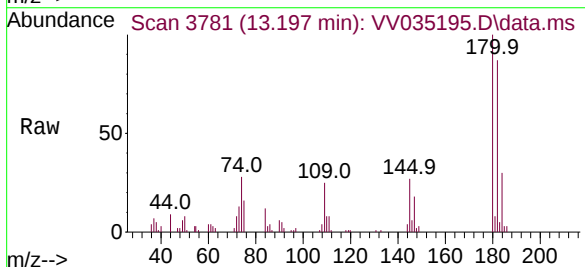
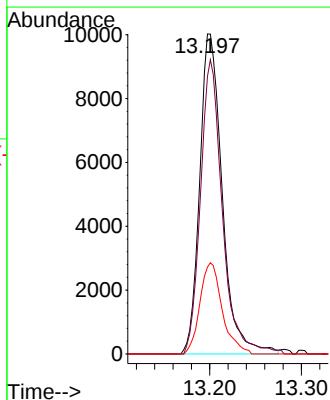
Tgt Ion:180 Resp: 17110

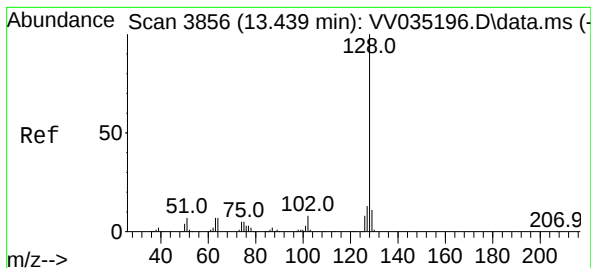
Ion Ratio Lower Upper

180 100

182 89.1 76.9 115.3

145 28.2 23.5 35.3





#71

Naphthalene

Concen: 0.714 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.006 min

Lab File: VV035195.D

Acq: 15 Apr 2024 12:43

Instrument :

MSVOA_V

ClientSampleId :

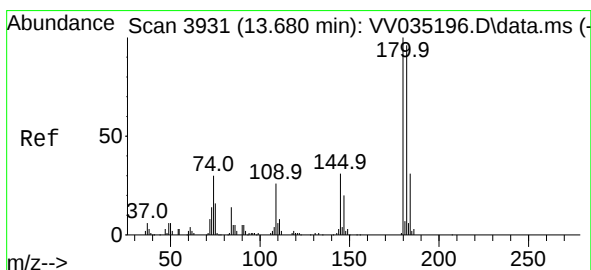
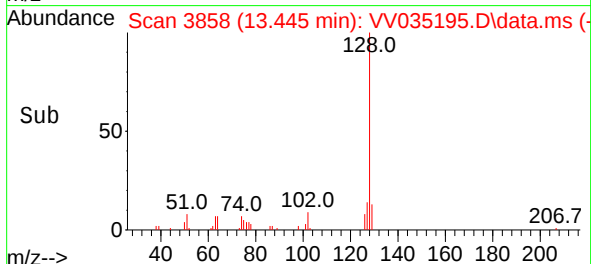
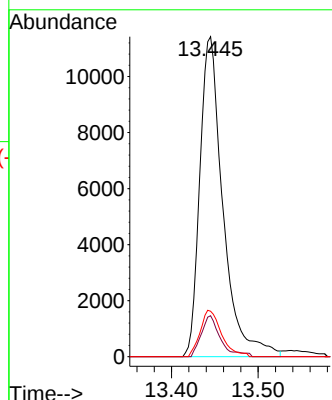
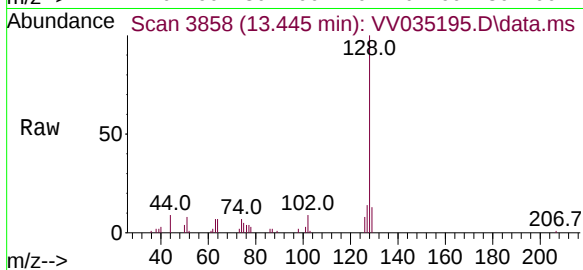
Tgt Ion:128 Resp: 21237

Ion Ratio Lower Upper

128 100

129 10.6 8.5 12.7

127 13.3 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 0.875 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV035195.D

Acq: 15 Apr 2024 12:43

Tgt Ion:180 Resp: 14416

Ion Ratio Lower Upper

180 100

182 97.5 75.9 113.9

145 31.8 25.3 37.9

