

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051324\
 Data File : VV035592.D
 Acq On : 13 May 2024 11:11
 Operator : SY/MD
 Sample : P2409-06
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 14 01:45:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 14 01:24:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	451344	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	446456	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	200099	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.278	65	139682	40.137	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.280%
7) Chloroethane-d5	1.526	69	125026	48.751	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.500%
11) 1,1-Dichloroethene-d2	2.056	65	63914	42.784	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.560%
21) 2-Butanone-d5	3.783	46	213400	90.858	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.860%
24) Chloroform-d	4.243	84	301607	47.248	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.500%
26) 1,2-Dichloroethane-d4	4.937	65	187422	49.856	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.720%
32) Benzene-d6	4.957	84	586671	46.685	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.360%
36) 1,2-Dichloropropane-d6	5.985	67	194744	49.702	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.400%
41) Toluene-d8	7.239	98	500278	43.736	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.480%
43) trans-1,3-Dichloroprop...	7.551	79	81885	42.879	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.760%
47) 2-Hexanone-d5	8.021	63	147328	81.823	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.820%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	261872	43.861	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.720%
66) 1,2-Dichlorobenzene-d4	11.558	152	198787	50.003	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.105	85	7994	2.644	ug/L	95
3) Chloromethane	1.214	50	9454	2.886	ug/L	98
5) Vinyl chloride	1.281	62	9036	2.619	ug/L #	78
6) Bromomethane	1.478	94	6476	2.953	ug/L	95
8) Chloroethane	1.542	64	6549	3.302	ug/L	98
9) Trichlorofluoromethane	1.709	101	12462	2.685	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	9882	3.359	ug/L #	86
12) 1,1-Dichloroethene	2.066	96	8572	3.262	ug/L #	1
13) Acetone	2.114	43	11607	5.338	ug/L	95
14) Carbon disulfide	2.236	76	16572	2.401	ug/L	100
15) Methyl Acetate	2.381	43	8763	2.484	ug/L	100
16) Methylene chloride	2.445	84	10181	3.058	ug/L	96
17) trans-1,2-Dichloroethene	2.696	96	6520	2.348	ug/L	91
18) Methyl tert-butyl Ether	2.706	73	22765	2.331	ug/L	98
19) 1,1-Dichloroethane	3.114	63	15407	2.642	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	8547	2.587	ug/L	96
22) 2-Butanone	3.908	43	2946	1.144	ug/L	91
23) Bromochloromethane	4.156	128	4735	2.621	ug/L	98
25) Chloroform	4.272	83	19282	3.203	ug/L	100

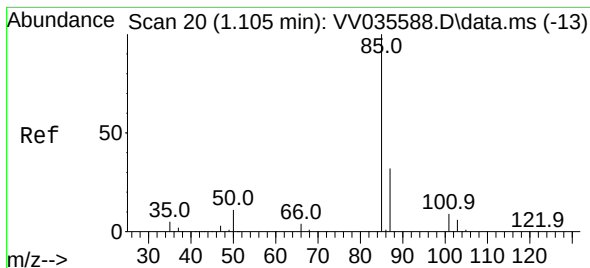
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051324\
 Data File : VV035592.D
 Acq On : 13 May 2024 11:11
 Operator : SY/MD
 Sample : P2409-06
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 14 01:45:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 14 01:24:59 2024
 Response via : Initial Calibration

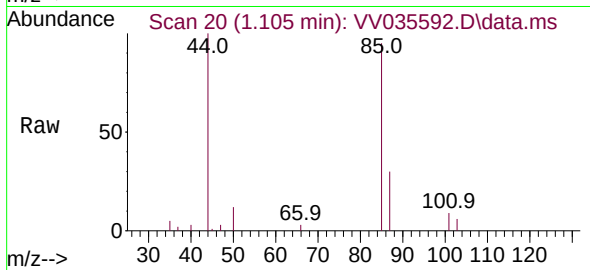
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.059	62	11095	2.575	ug/L	99
29) Cyclohexane	4.577	56	8107	2.034	ug/L	95
30) 1,1,1-Trichloroethane	4.513	97	13942	2.729	ug/L	98
31) Carbon tetrachloride	4.728	117	11720	2.653	ug/L	99
33) Benzene	5.014	78	30559	2.535	ug/L	100
34) Trichloroethene	5.844	95	9784	3.050	ug/L	97
35) Methylcyclohexane	6.047	83	9351	2.066	ug/L	95
37) 1,2-Dichloropropane	6.101	63	7740	2.337	ug/L #	97
38) Bromodichloromethane	6.439	83	11907	2.613	ug/L	97
39) cis-1,3-Dichloropropene	6.963	75	11033	2.122	ug/L	92
40) 4-Methyl-2-pentanone	7.165	43	16844	3.810	ug/L	93
42) Toluene	7.323	91	30898	2.443	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	9190	1.861	ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	9148	2.582	ug/L	94
46) Tetrachloroethene	7.908	164	6521	2.517	ug/L	92
48) 2-Hexanone	8.088	43	17655	4.907	ug/L #	90
49) Dibromochloromethane	8.178	129	9854	2.657	ug/L	95
50) 1,2-Dibromoethane	8.291	107	9299	2.512	ug/L #	99
51) Chlorobenzene	8.815	112	22223	2.531	ug/L	99
52) Ethylbenzene	8.950	91	29085	2.129	ug/L	97
53) m,p-Xylene	9.079	106	10195	2.011	ug/L	93
54) o-Xylene	9.480	106	9853	1.929	ug/L	87
55) Styrene	9.506	104	15460	1.751	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.175	83	14397	2.375	ug/L	95
59) Bromoform	9.667	173	6844	2.644	ug/L	98
60) Isopropylbenzene	9.866	105	24896	2.155	ug/L	98
61) 1,2,3-Trichloropropane	10.207	75	11975	2.983	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	19766	2.137	ug/L	95
63) 1,2,4-Trimethylbenzene	10.853	105	18545	2.000	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	15018	2.510	ug/L	93
65) 1,4-Dichlorobenzene	11.207	146	17473	2.767	ug/L	96
67) 1,2-Dichlorobenzene	11.577	146	18232	2.912	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.368	75	2706	2.289	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	11447	2.520	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	10296	2.573	ug/L	98
71) Naphthalene	13.442	128	22494	2.006	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	9998	2.407	ug/L	97

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

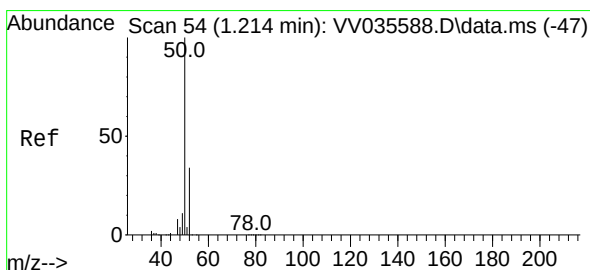
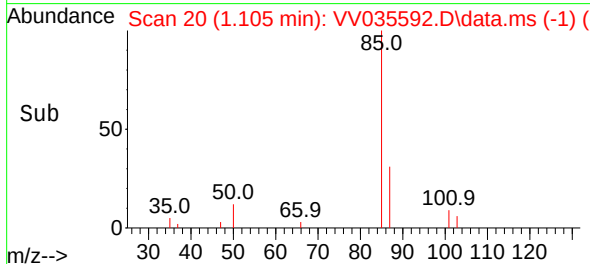
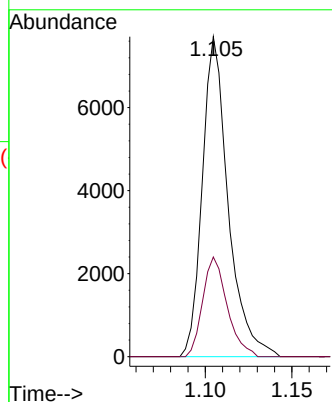


#2
 Dichlorodifluoromethane
 Concen: 2.644 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV035592.D
 Acq: 13 May 2024 11:11

Instrument :
 MSVOA_V
 ClientSampleId :

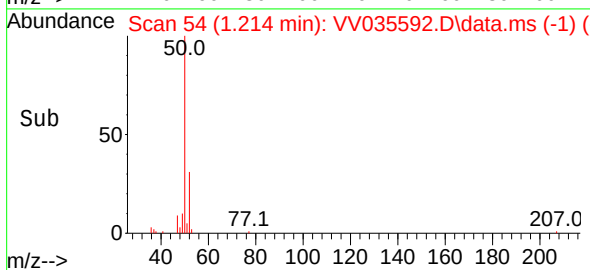
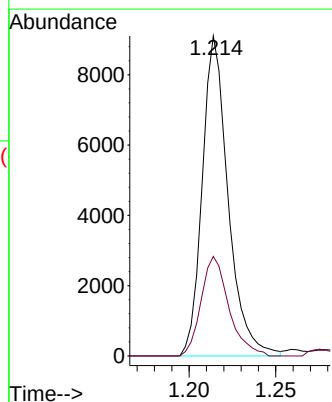
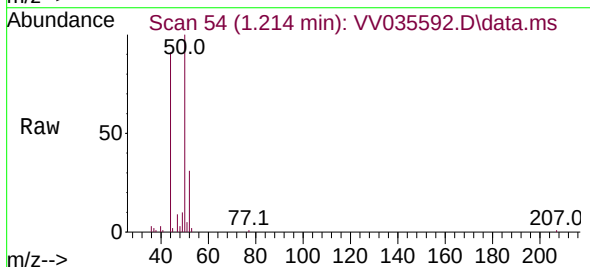


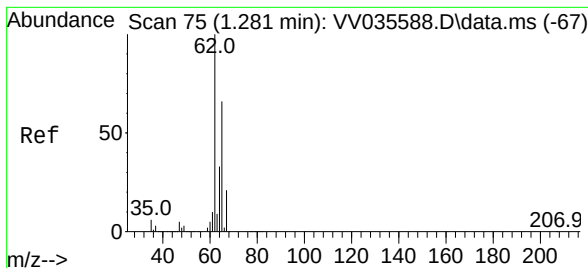
Tgt Ion: 85 Resp: 7994
 Ion Ratio Lower Upper
 85 100
 87 29.4 25.8 38.8



#3
 Chloromethane
 Concen: 2.886 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV035592.D
 Acq: 13 May 2024 11:11

Tgt Ion: 50 Resp: 9454
 Ion Ratio Lower Upper
 50 100
 52 31.1 22.6 42.0





#5

Vinyl chloride

Concen: 2.619 ug/L

RT: 1.281 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV035592.D

Acq: 13 May 2024 11:11

Instrument :

MSVOA_V

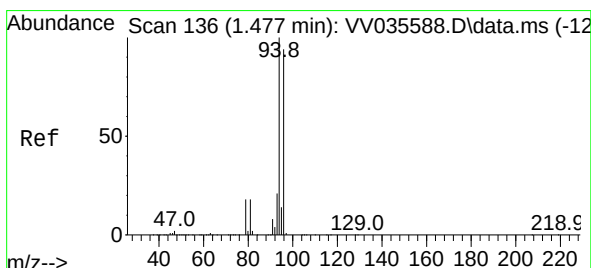
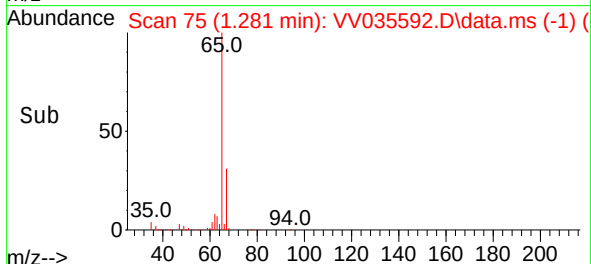
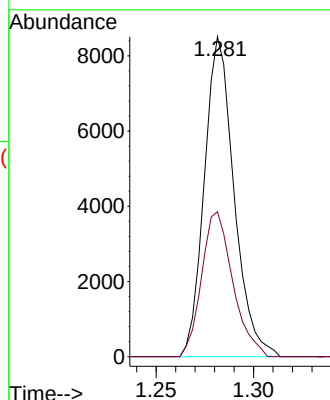
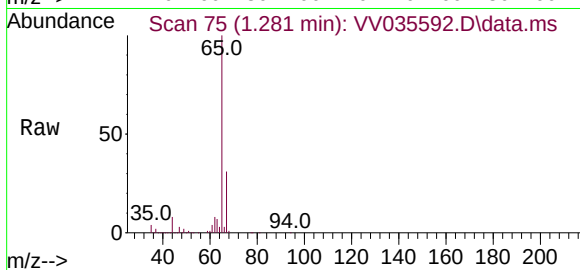
ClientSampleId :

Tgt Ion: 62 Resp: 9036

Ion Ratio Lower Upper

62 100

64 45.3 22.9 42.5#



#6

Bromomethane

Concen: 2.953 ug/L

RT: 1.478 min Scan# 136

Delta R.T. 0.000 min

Lab File: VV035592.D

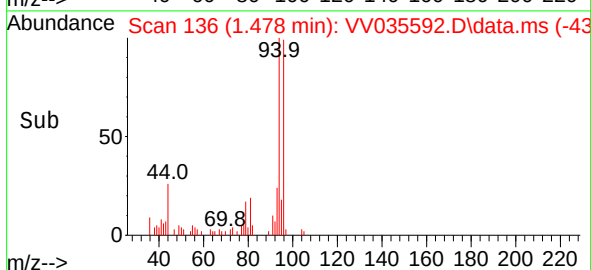
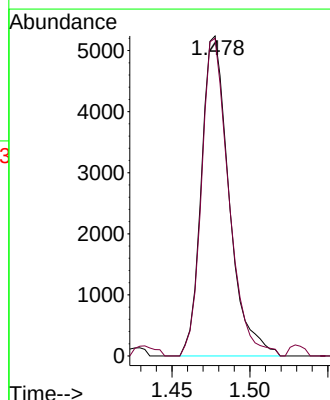
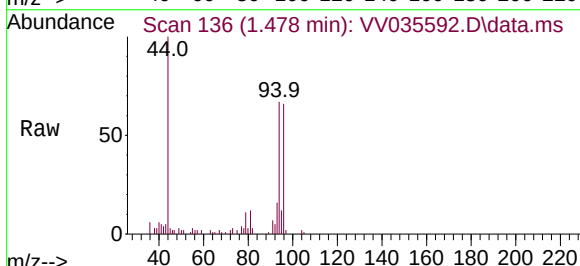
Acq: 13 May 2024 11:11

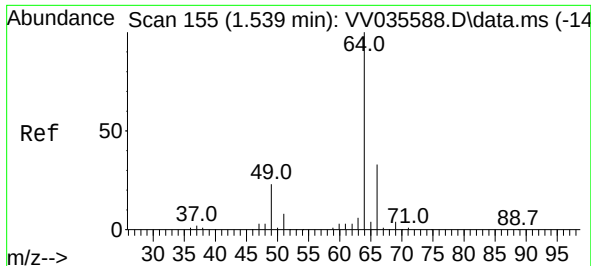
Tgt Ion: 94 Resp: 6476

Ion Ratio Lower Upper

94 100

96 99.3 66.2 123.0

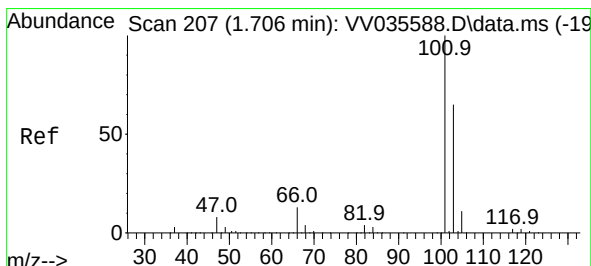
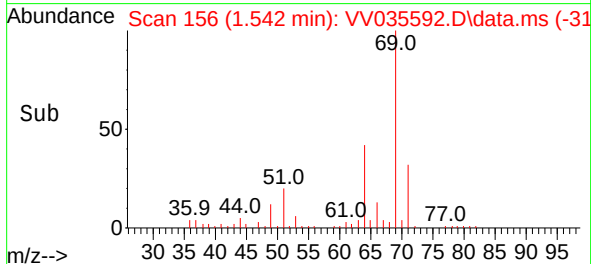
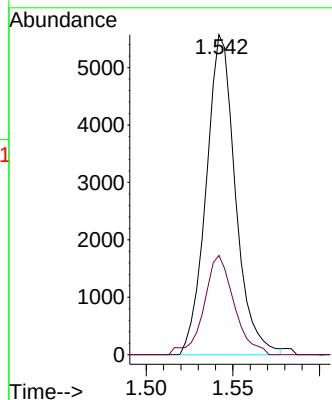
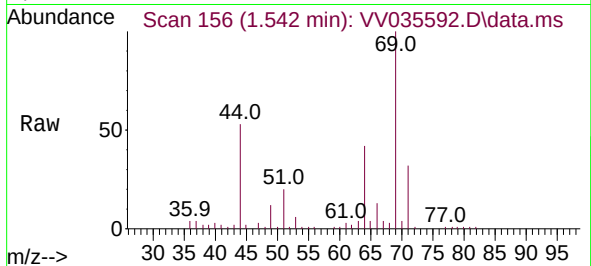




#8
Chloroethane
Concen: 3.302 ug/L
RT: 1.542 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

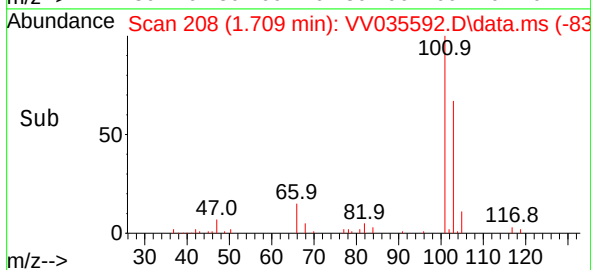
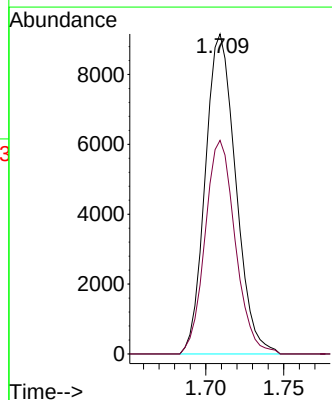
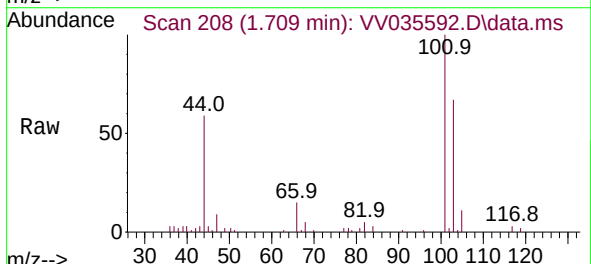
Instrument :
MSVOA_V
ClientSampleId :

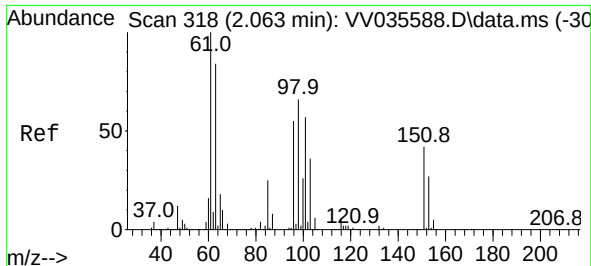
Tgt Ion: 64 Resp: 6549
Ion Ratio Lower Upper
64 100
66 31.0 22.7 42.1



#9
Trichlorofluoromethane
Concen: 2.685 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.003 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

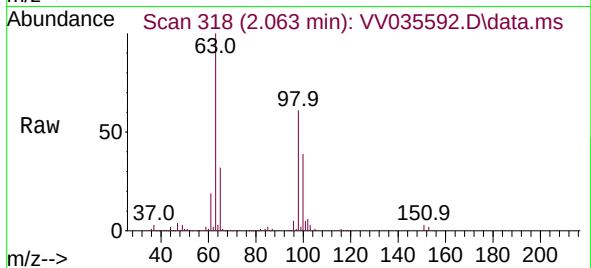
Tgt Ion:101 Resp: 12462
Ion Ratio Lower Upper
101 100
103 66.2 52.0 78.0



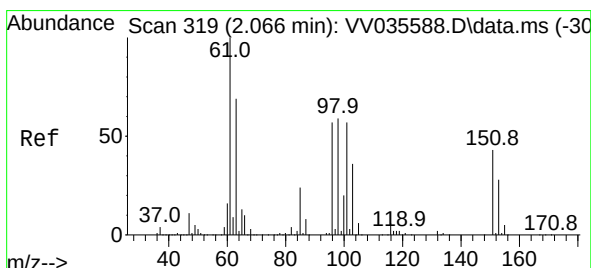
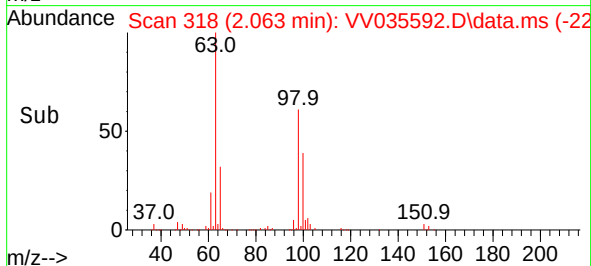
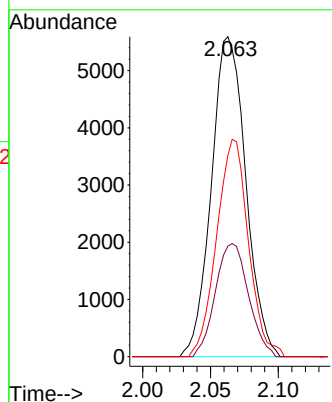


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.359 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Instrument :
MSVOA_V
ClientSampleId :

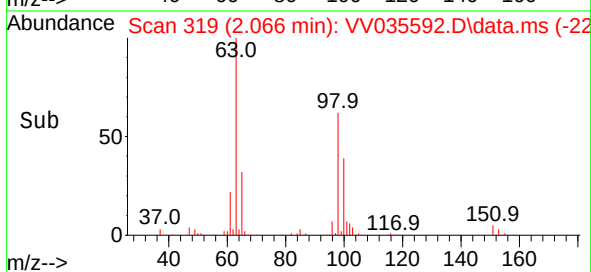
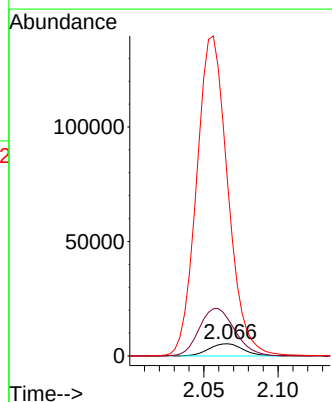
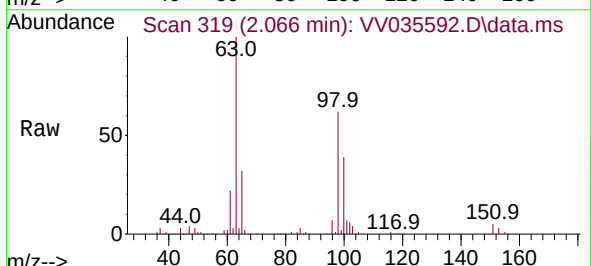


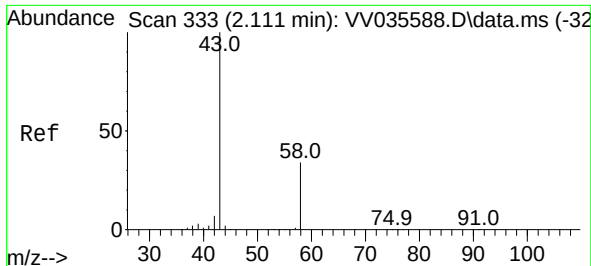
Tgt Ion:101 Resp: 9882
Ion Ratio Lower Upper
101 100
85 33.9 34.4 51.6#
151 62.7 60.1 90.1



#12
1,1-Dichloroethene
Concen: 3.262 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Tgt Ion: 96 Resp: 8572
Ion Ratio Lower Upper
96 100
61 304.5 126.5 234.9#
63 1401.7 118.1 219.3#





#13

Acetone

Concen: 5.338 ug/L

RT: 2.114 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV035592.D

Acq: 13 May 2024 11:11

Instrument :

MSVOA_V

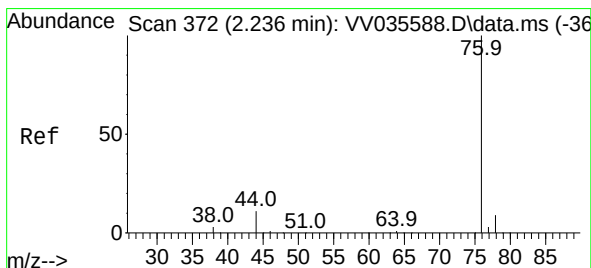
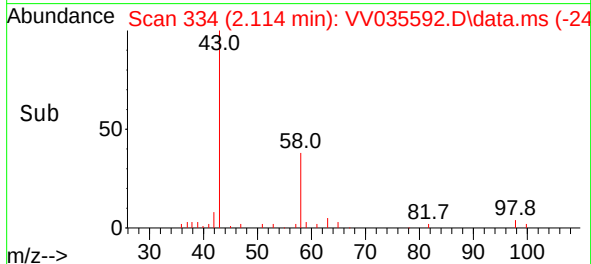
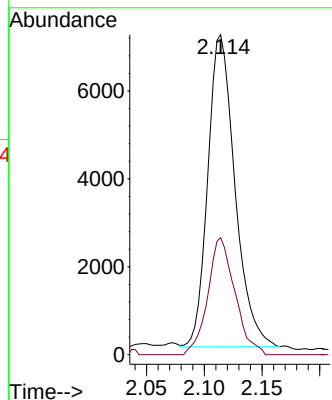
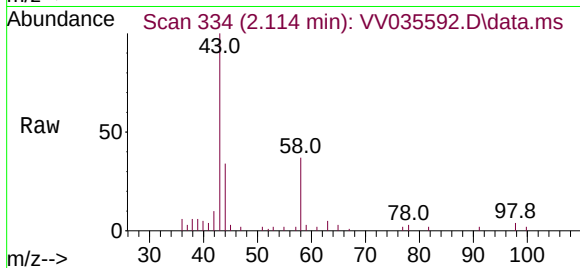
ClientSampleId :

Tgt Ion: 43 Resp: 11607

Ion Ratio Lower Upper

43 100

58 37.3 0.0 68.8



#14

Carbon disulfide

Concen: 2.401 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV035592.D

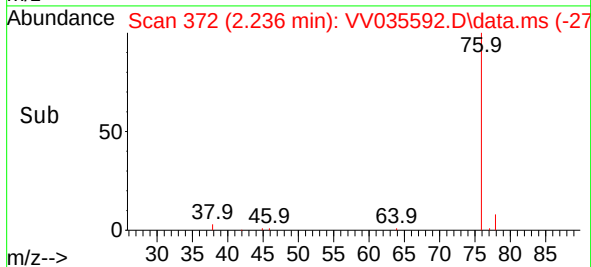
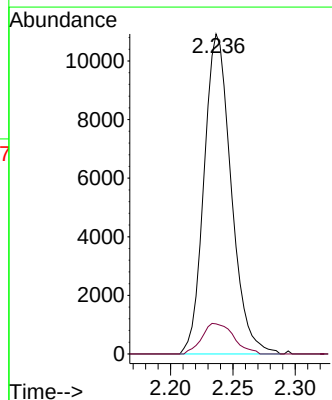
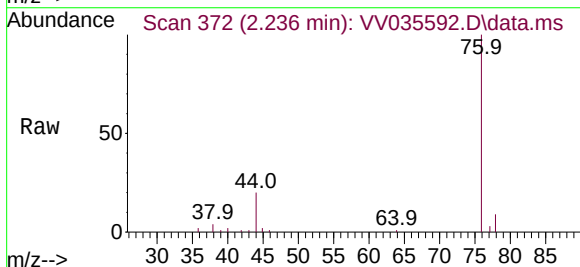
Acq: 13 May 2024 11:11

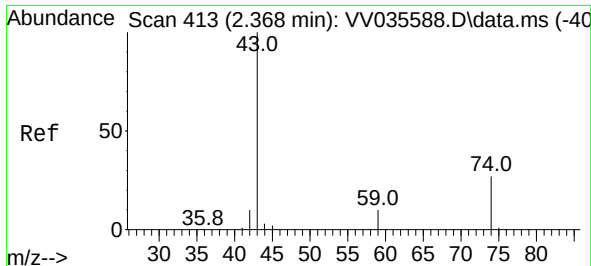
Tgt Ion: 76 Resp: 16572

Ion Ratio Lower Upper

76 100

78 9.4 7.6 11.4





#15

Methyl Acetate

Concen: 2.484 ug/L

RT: 2.381 min Scan# 41

Delta R.T. 0.013 min

Lab File: VV035592.D

Acq: 13 May 2024 11:11

Instrument :

MSVOA_V

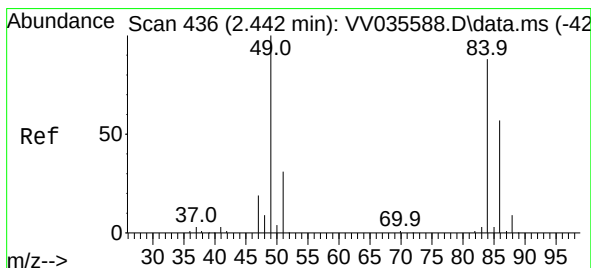
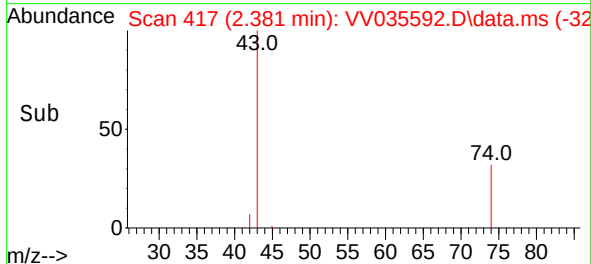
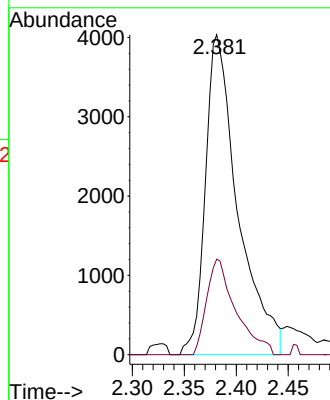
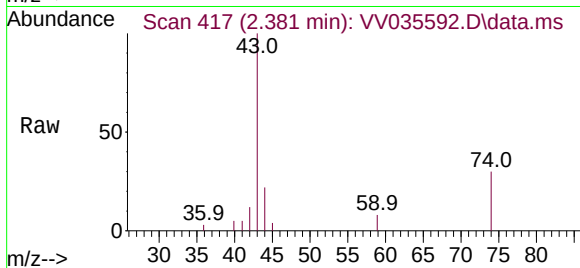
ClientSampleId :

Tgt Ion: 43 Resp: 8763

Ion Ratio Lower Upper

43 100

74 26.8 21.6 32.4



#16

Methylene chloride

Concen: 3.058 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.003 min

Lab File: VV035592.D

Acq: 13 May 2024 11:11

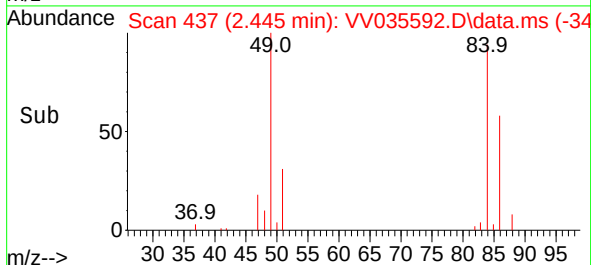
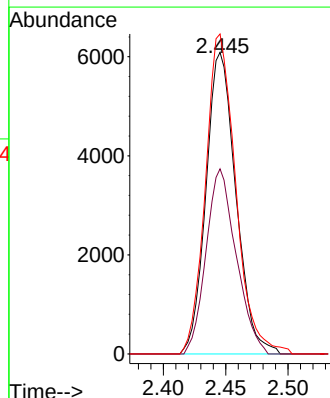
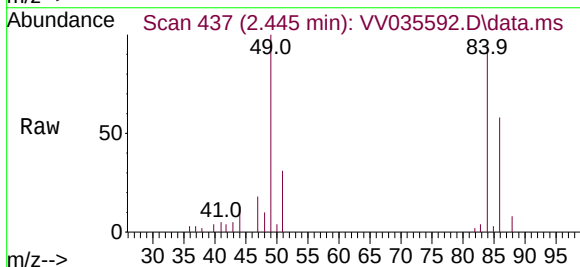
Tgt Ion: 84 Resp: 10181

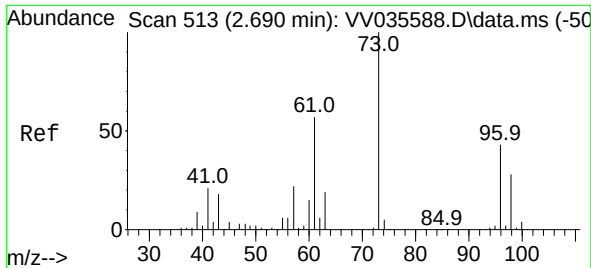
Ion Ratio Lower Upper

84 100

86 61.4 45.3 84.1

49 106.1 76.9 142.7





#17

trans-1,2-Dichloroethene

Concen: 2.348 ug/L

RT: 2.696 min Scan# 513

Delta R.T. 0.007 min

Lab File: VV035592.D

Acq: 13 May 2024 11:11

Instrument :

MSVOA_V

ClientSampleId :

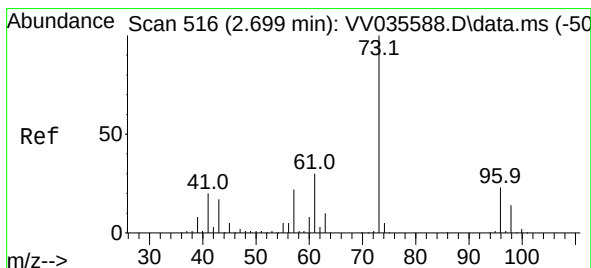
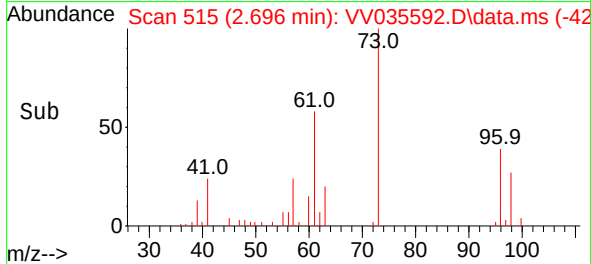
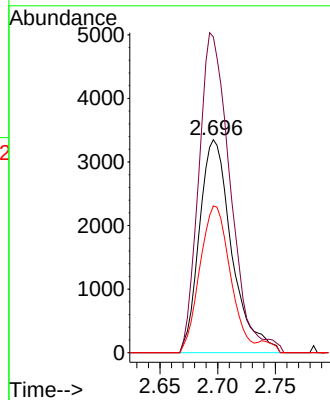
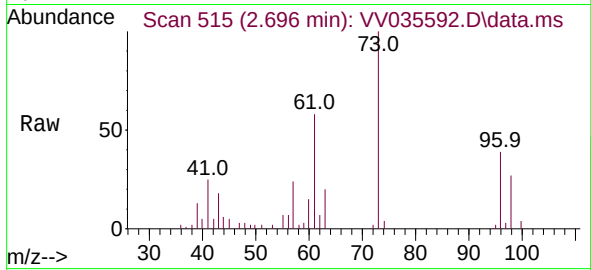
Tgt Ion: 96 Resp: 6520

Ion Ratio Lower Upper

96 100

61 148.3 95.5 177.3

98 68.9 44.9 83.5



#18

Methyl tert-butyl Ether

Concen: 2.331 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.007 min

Lab File: VV035592.D

Acq: 13 May 2024 11:11

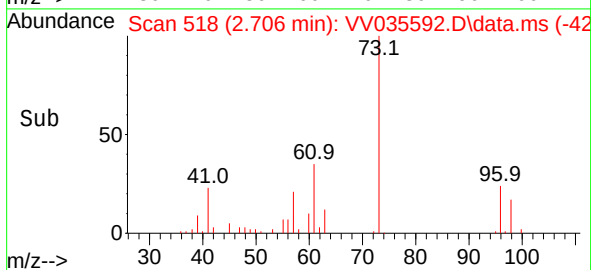
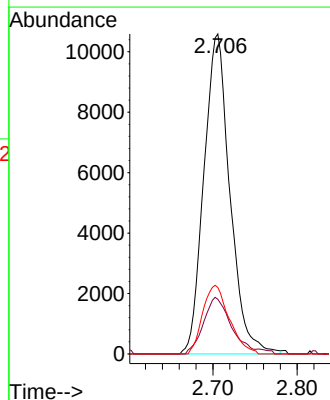
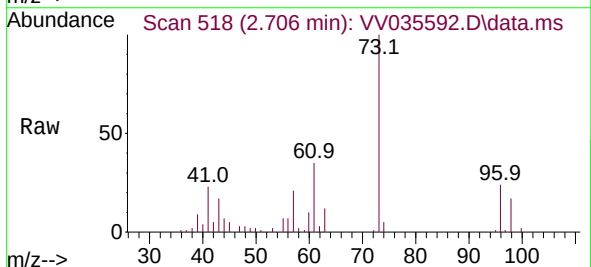
Tgt Ion: 73 Resp: 22765

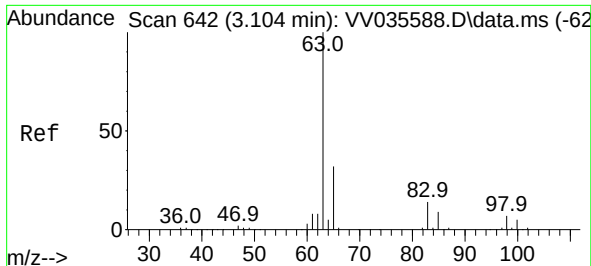
Ion Ratio Lower Upper

73 100

43 18.7 13.6 20.4

57 21.8 17.4 26.0

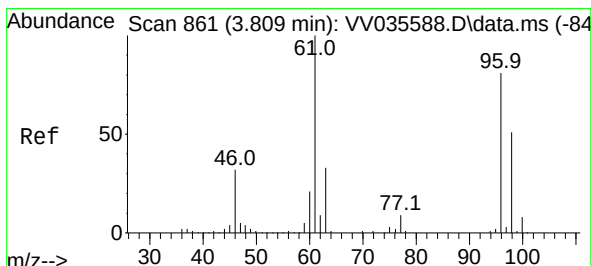
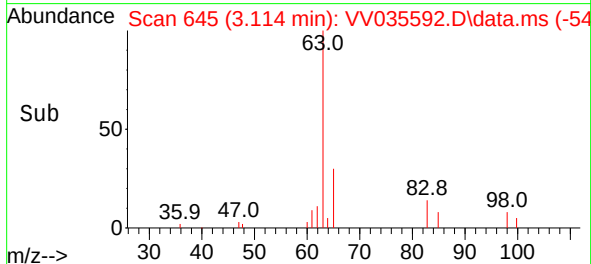
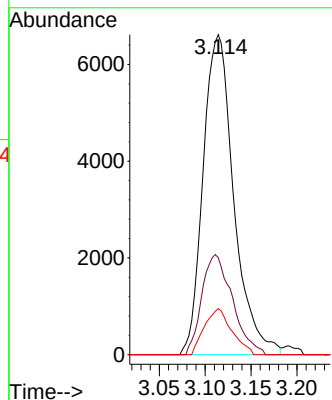
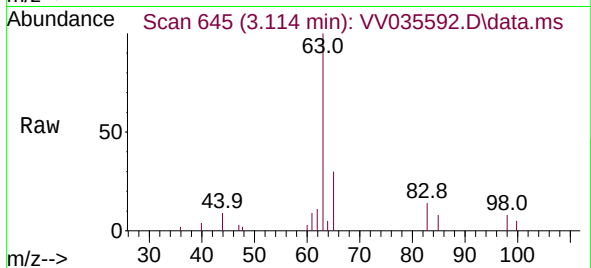




#19
1,1-Dichloroethane
Concen: 2.642 ug/L
RT: 3.114 min Scan# 64
Delta R.T. 0.010 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

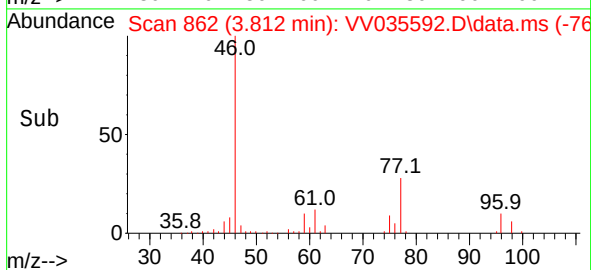
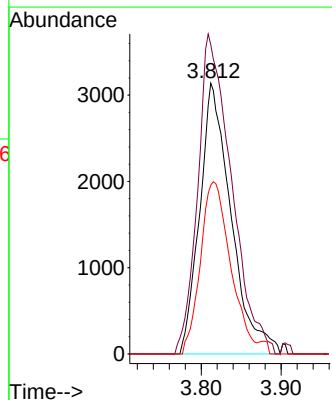
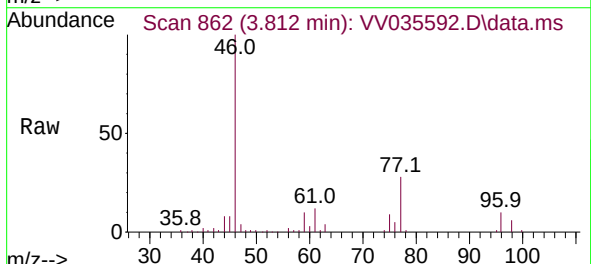
Instrument :
MSVOA_V
ClientSampleId :

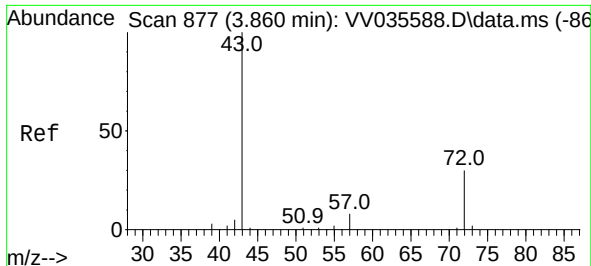
Tgt Ion: 63 Resp: 15407
Ion Ratio Lower Upper
63 100
65 30.3 21.8 40.4
83 14.4 9.2 17.2



#20
cis-1,2-Dichloroethene
Concen: 2.587 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Tgt Ion: 96 Resp: 8547
Ion Ratio Lower Upper
96 100
61 114.2 84.0 156.0
98 62.4 44.9 83.5

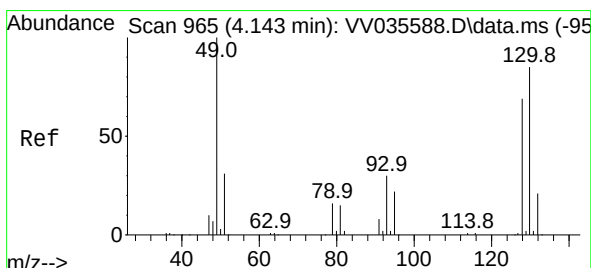
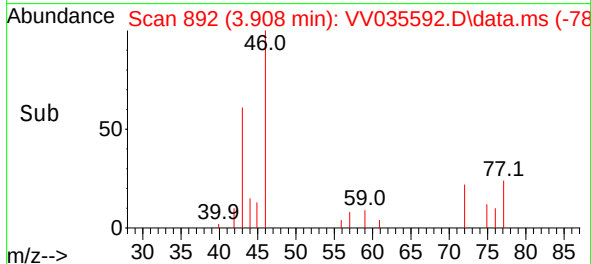
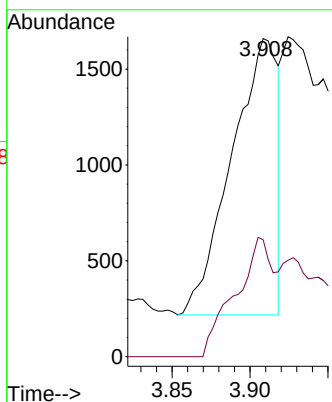
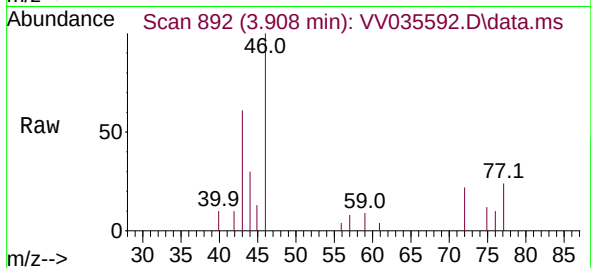




#22
2-Butanone
Concen: 1.144 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.048 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

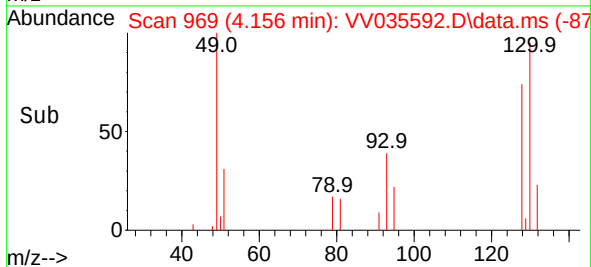
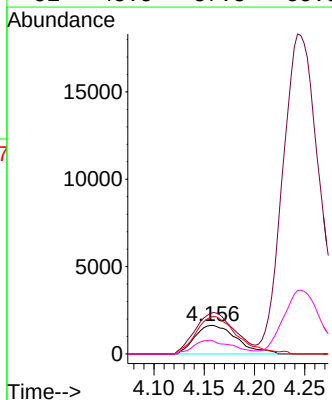
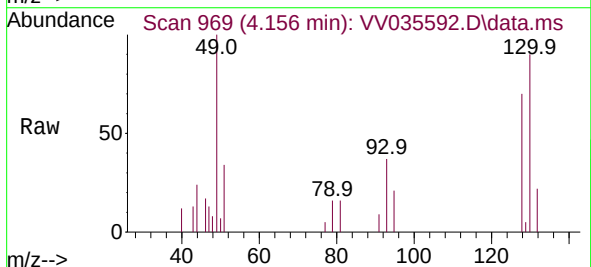
Instrument :
MSVOA_V
ClientSampleId :

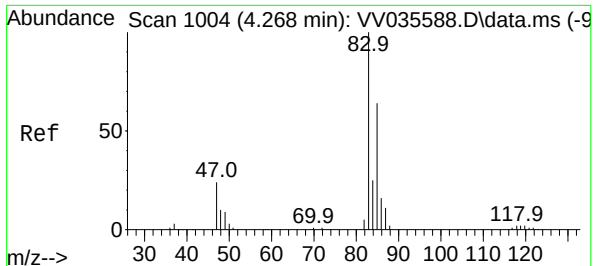
Tgt Ion: 43 Resp: 2946
Ion Ratio Lower Upper
43 100
72 33.7 14.4 43.0



#23
Bromochloromethane
Concen: 2.621 ug/L
RT: 4.156 min Scan# 969
Delta R.T. 0.013 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Tgt Ion:128 Resp: 4735
Ion Ratio Lower Upper
128 100
49 142.6 102.0 189.4
130 128.7 91.5 169.9
51 48.5 37.3 55.9





#25

Chloroform

Concen: 3.203 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV035592.D

Acq: 13 May 2024 11:11

Instrument :

MSVOA_V

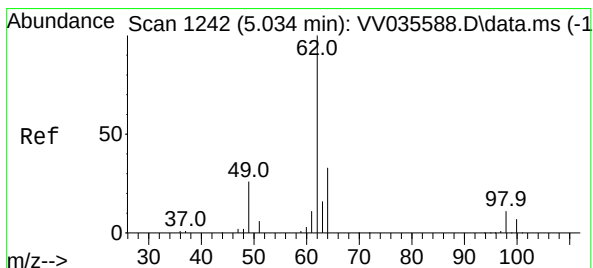
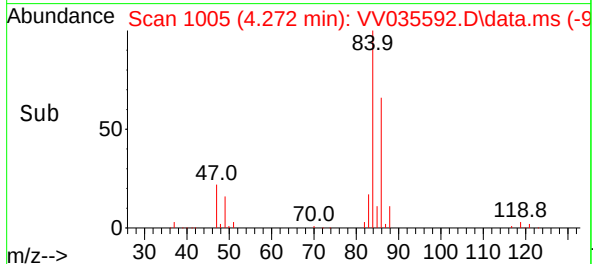
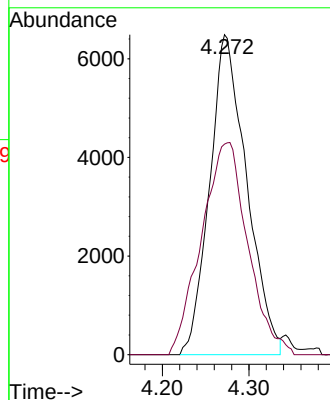
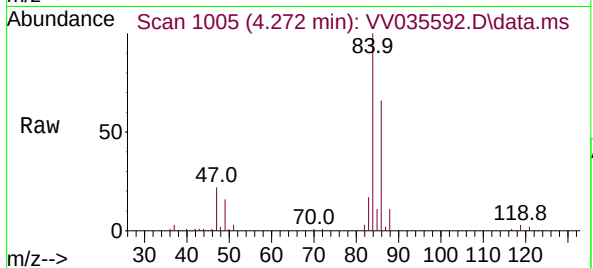
ClientSampleId :

Tgt Ion: 83 Resp: 19282

Ion Ratio Lower Upper

83 100

85 65.8 45.8 85.2



#27

1,2-Dichloroethane

Concen: 2.575 ug/L

RT: 5.059 min Scan# 1250

Delta R.T. 0.026 min

Lab File: VV035592.D

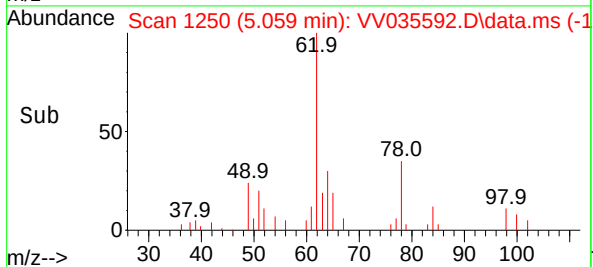
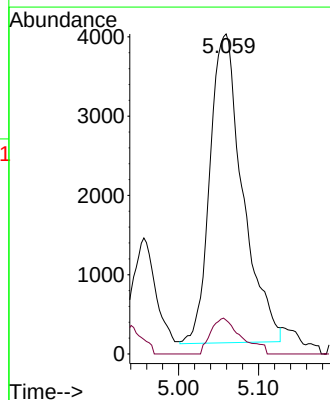
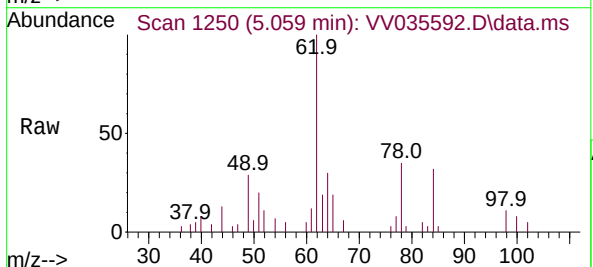
Acq: 13 May 2024 11:11

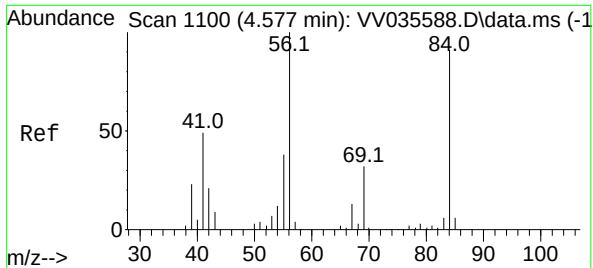
Tgt Ion: 62 Resp: 11095

Ion Ratio Lower Upper

62 100

98 10.6 8.2 12.2





#29

Cyclohexane

Concen: 2.034 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VV035592.D

Acq: 13 May 2024 11:11

Instrument :

MSVOA_V

ClientSampleId :

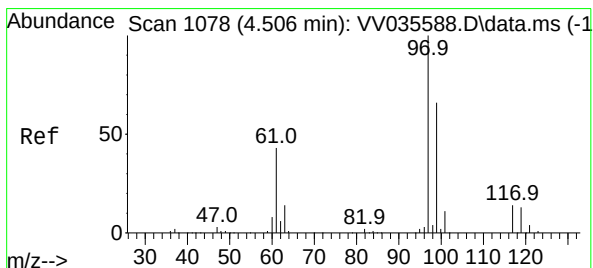
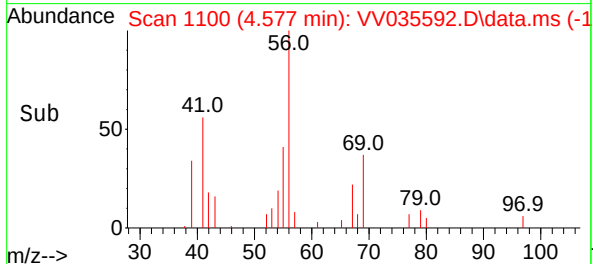
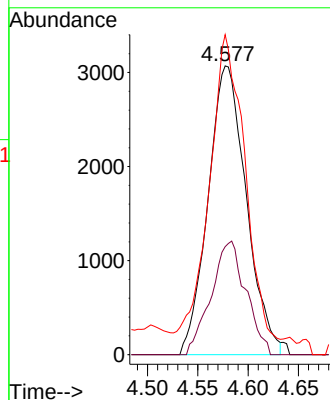
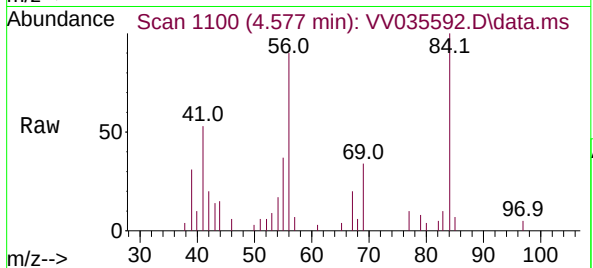
Tgt Ion: 56 Resp: 8107

Ion Ratio Lower Upper

56 100

69 35.9 25.5 38.3

84 95.6 73.6 110.4



#30

1,1,1-Trichloroethane

Concen: 2.729 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.007 min

Lab File: VV035592.D

Acq: 13 May 2024 11:11

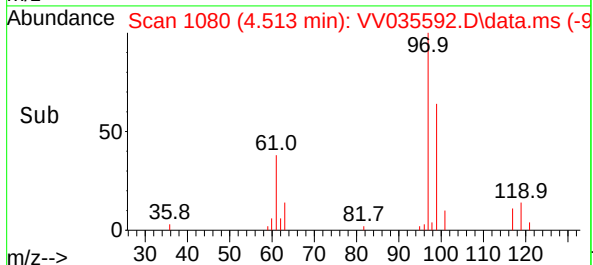
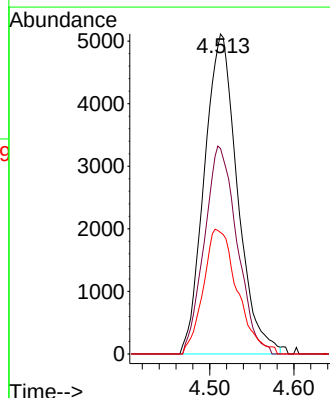
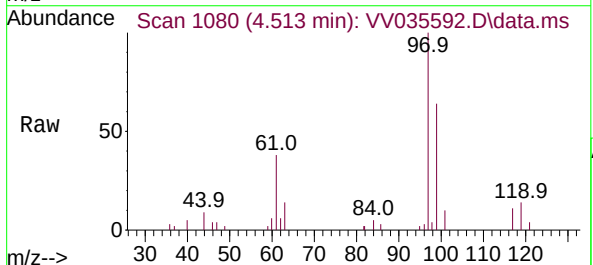
Tgt Ion: 97 Resp: 13942

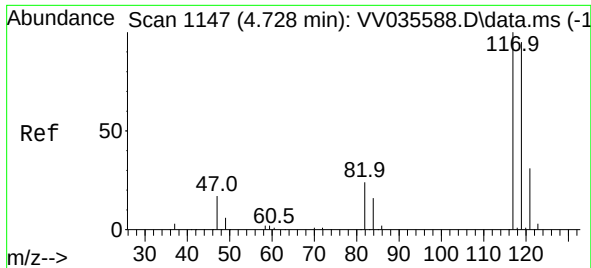
Ion Ratio Lower Upper

97 100

99 64.2 51.9 77.9

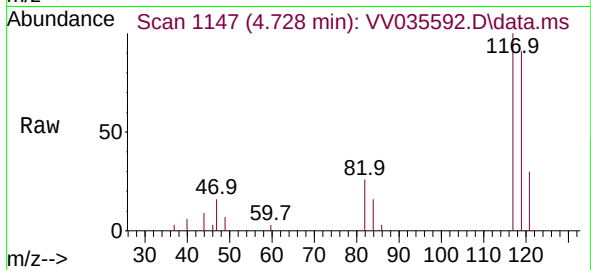
61 39.8 34.1 51.1



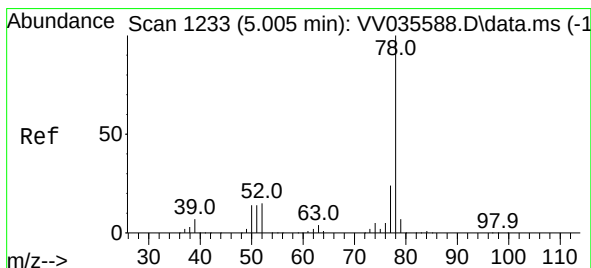
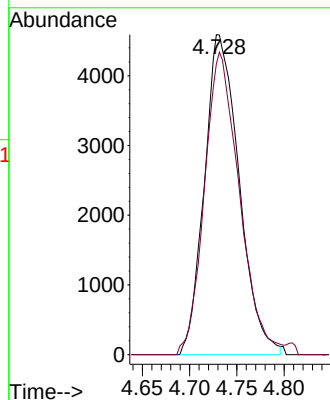
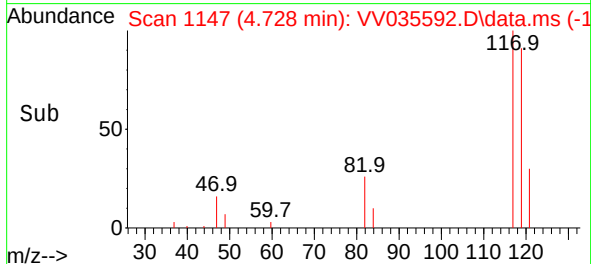


#31
Carbon tetrachloride
Concen: 2.653 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Instrument :
MSVOA_V
ClientSampleId :

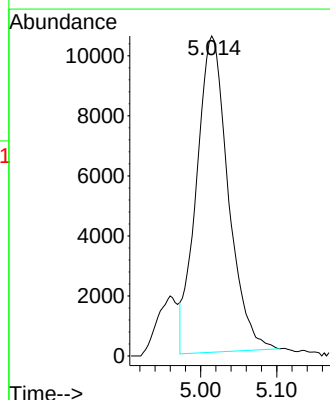
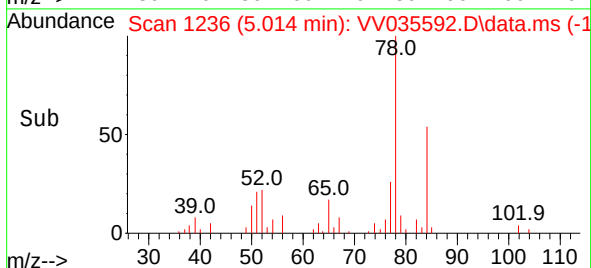
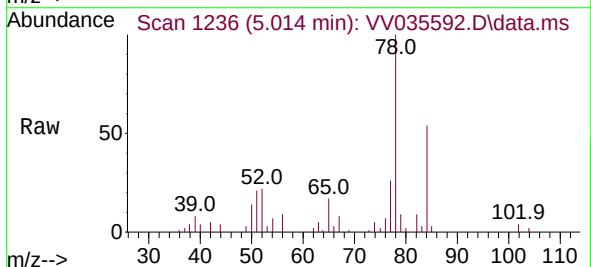


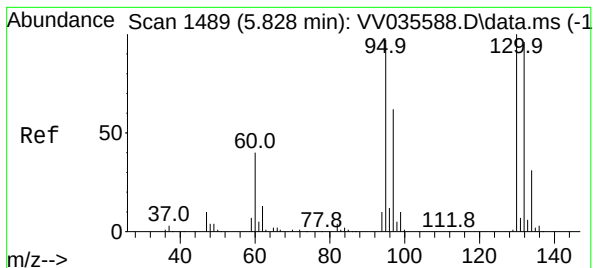
Tgt Ion:117 Resp: 11720
Ion Ratio Lower Upper
117 100
119 94.8 76.5 114.7



#33
Benzene
Concen: 2.535 ug/L
RT: 5.014 min Scan# 1236
Delta R.T. 0.010 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Tgt Ion: 78 Resp: 30559





#34

Trichloroethene

Concen: 3.050 ug/L

RT: 5.844 min Scan# 1489

Delta R.T. 0.016 min

Lab File: VV035592.D

Acq: 13 May 2024 11:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 9784

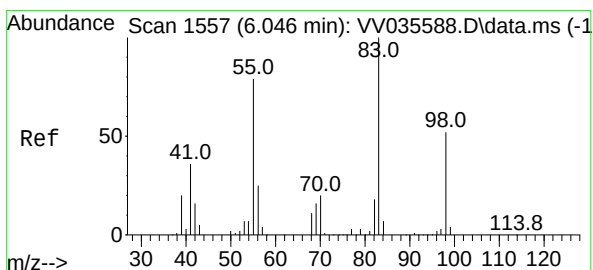
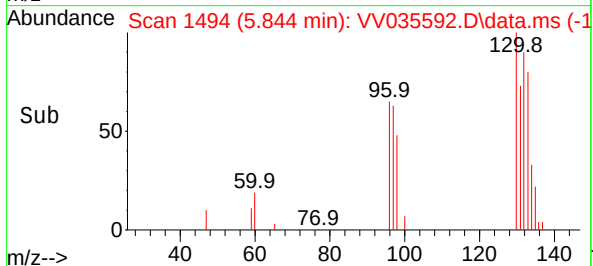
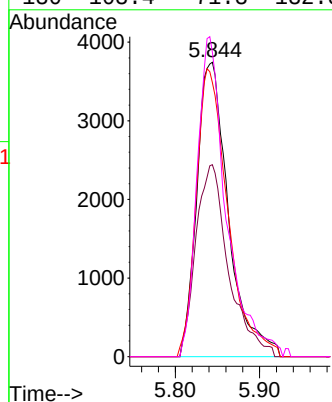
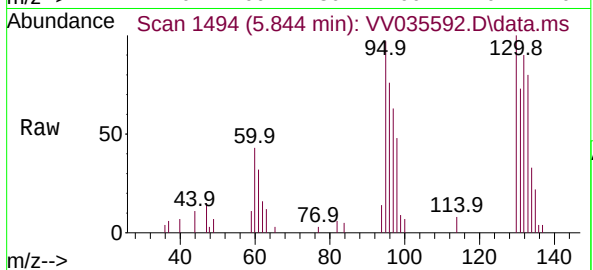
Ion Ratio Lower Upper

95 100

97 65.3 45.1 83.9

132 93.2 69.4 128.8

130 103.4 71.3 132.3



#35

Methylcyclohexane

Concen: 2.066 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV035592.D

Acq: 13 May 2024 11:11

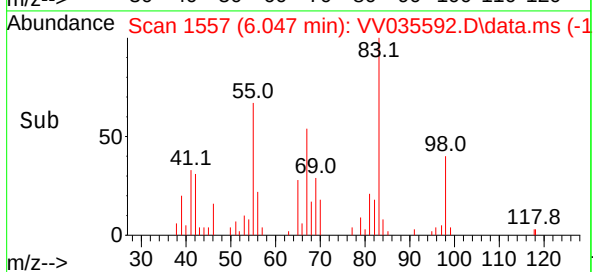
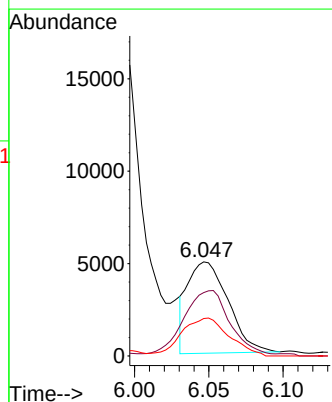
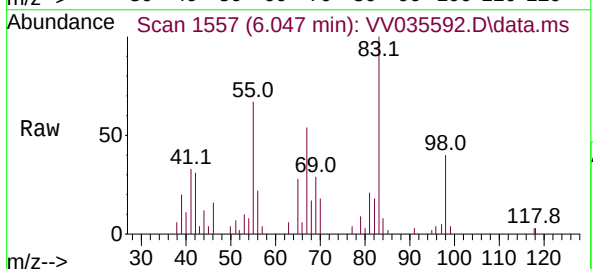
Tgt Ion: 83 Resp: 9351

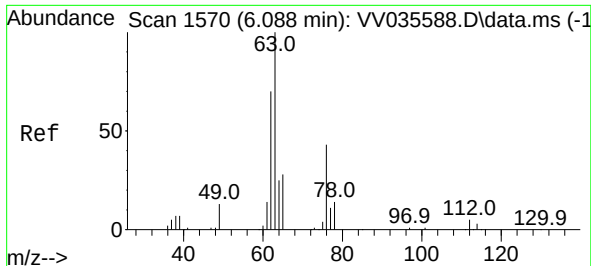
Ion Ratio Lower Upper

83 100

55 79.1 57.5 86.3

98 49.1 38.9 58.3





#37

1,2-Dichloropropane

Concen: 2.337 ug/L

RT: 6.101 min Scan# 1570

Delta R.T. 0.013 min

Lab File: VV035592.D

Acq: 13 May 2024 11:11

Instrument :

MSVOA_V

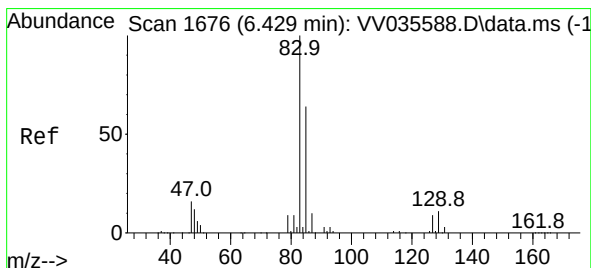
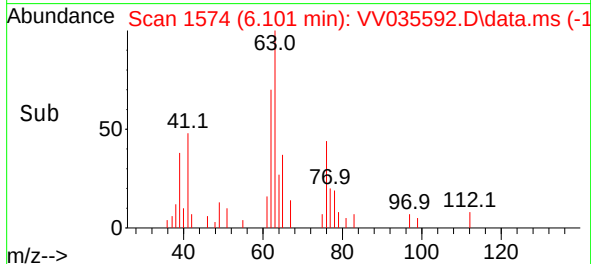
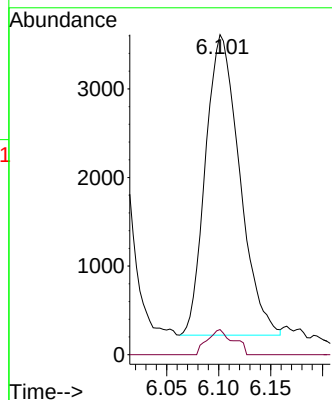
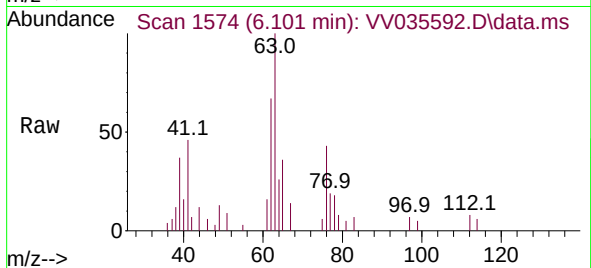
ClientSampleId :

Tgt Ion: 63 Resp: 7740

Ion Ratio Lower Upper

63 100

112 5.3 3.4 5.2#



#38

Bromodichloromethane

Concen: 2.613 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.010 min

Lab File: VV035592.D

Acq: 13 May 2024 11:11

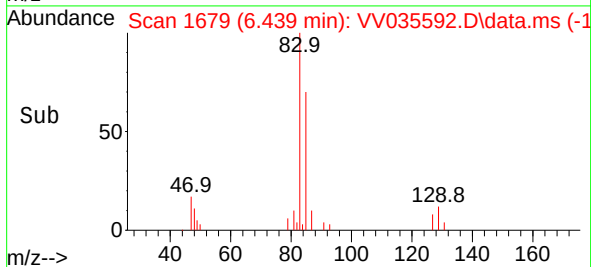
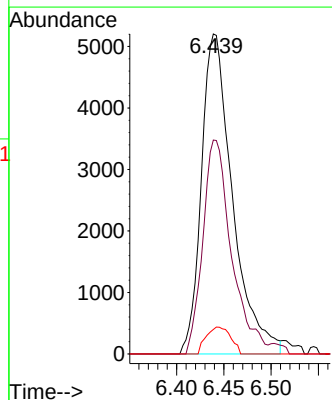
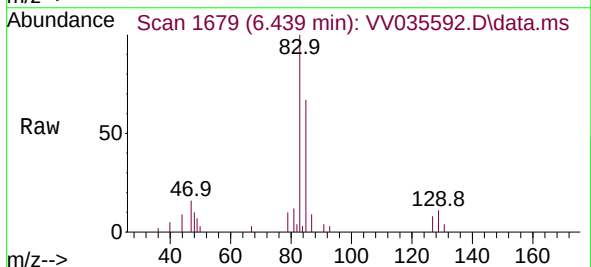
Tgt Ion: 83 Resp: 11907

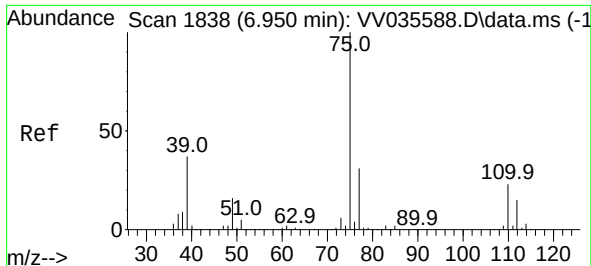
Ion Ratio Lower Upper

83 100

85 66.9 45.1 83.9

127 7.6 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 2.122 ug/L

RT: 6.963 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV035592.D

Acq: 13 May 2024 11:11

Instrument :

MSVOA_V

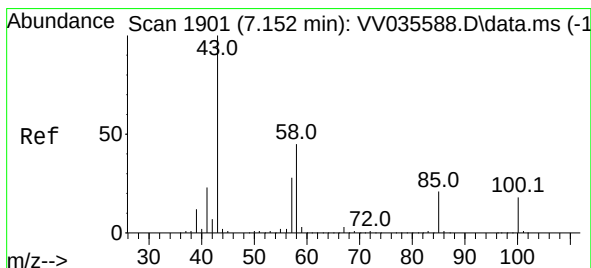
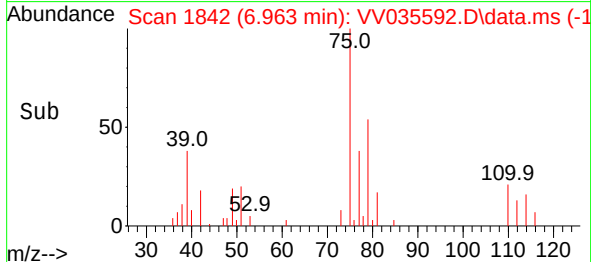
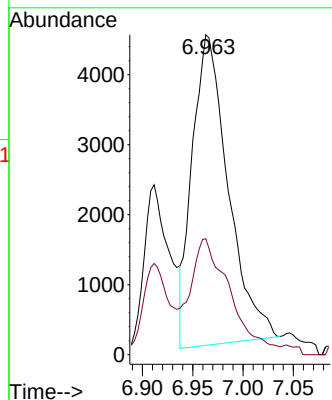
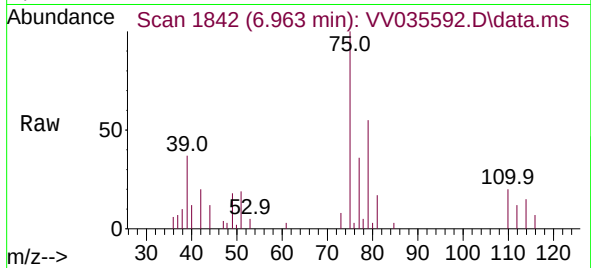
ClientSampleId :

Tgt Ion: 75 Resp: 11033

Ion Ratio Lower Upper

75 100

77 36.2 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 3.810 ug/L

RT: 7.165 min Scan# 1905

Delta R.T. 0.013 min

Lab File: VV035592.D

Acq: 13 May 2024 11:11

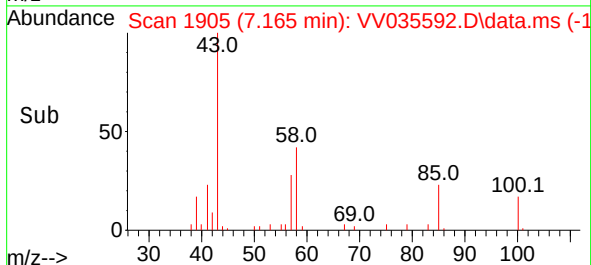
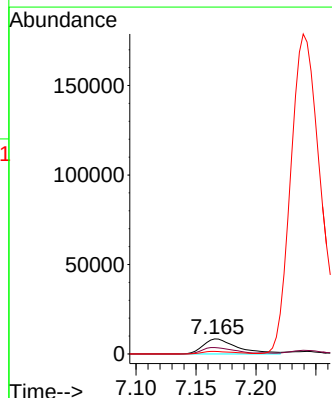
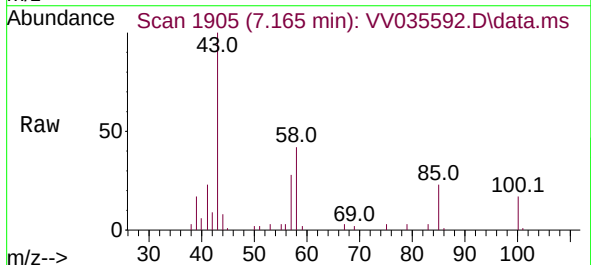
Tgt Ion: 43 Resp: 16844

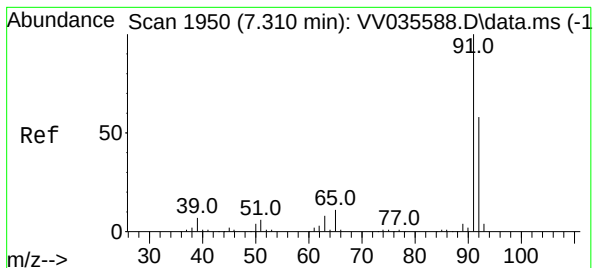
Ion Ratio Lower Upper

43 100

58 39.7 36.1 54.1

100 16.3 15.0 22.4





#42

Toluene

Concen: 2.443 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.013 min

Lab File: VV035592.D

Acq: 13 May 2024 11:11

Instrument :

MSVOA_V

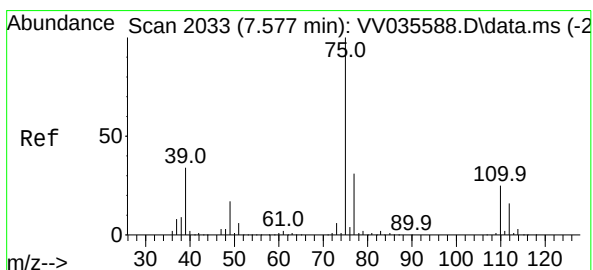
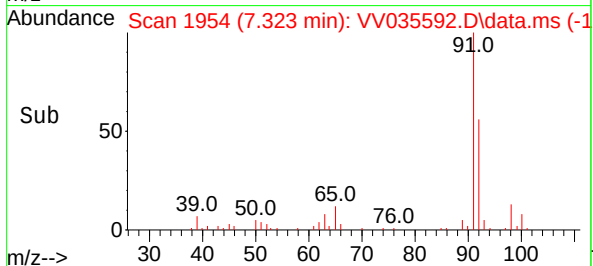
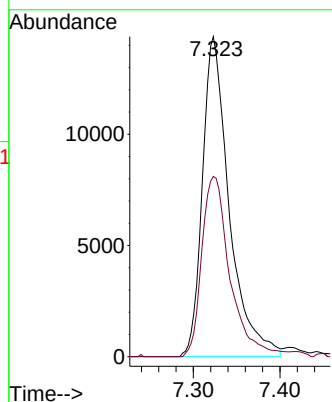
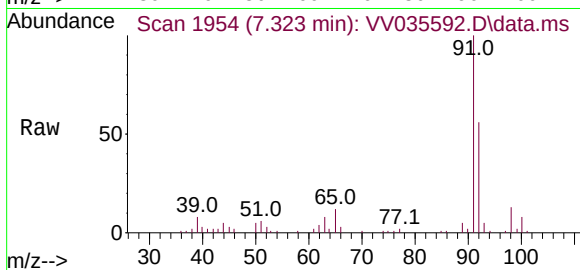
ClientSampleId :

Tgt Ion: 91 Resp: 30898

Ion Ratio Lower Upper

91 100

92 56.4 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 1.861 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.013 min

Lab File: VV035592.D

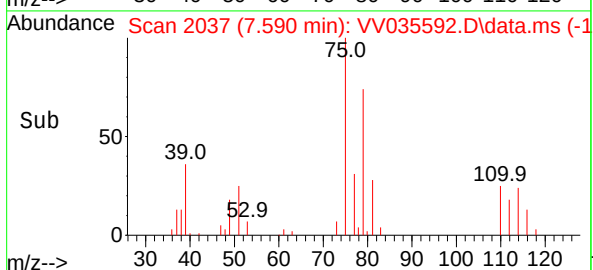
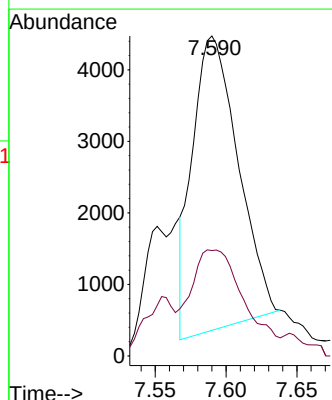
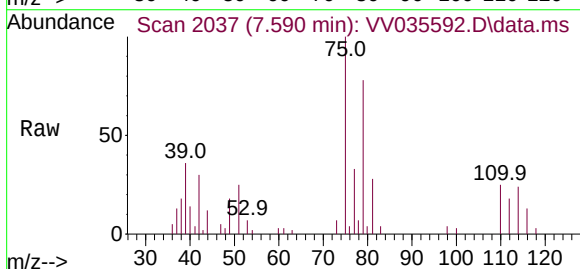
Acq: 13 May 2024 11:11

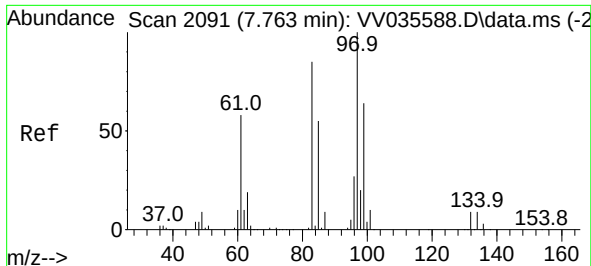
Tgt Ion: 75 Resp: 9190

Ion Ratio Lower Upper

75 100

77 33.0 22.4 41.6

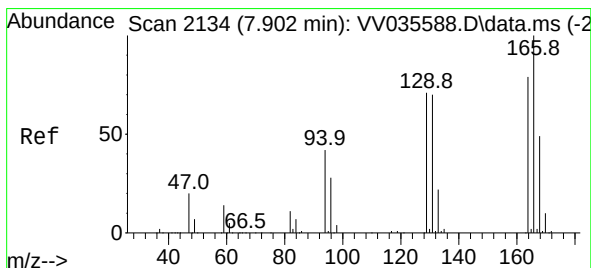
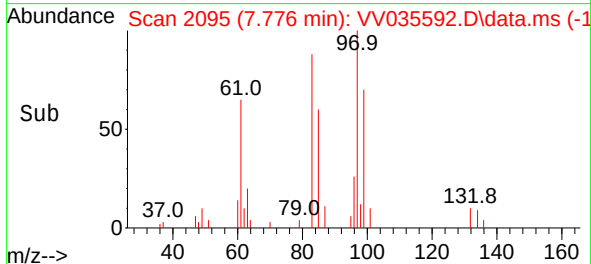
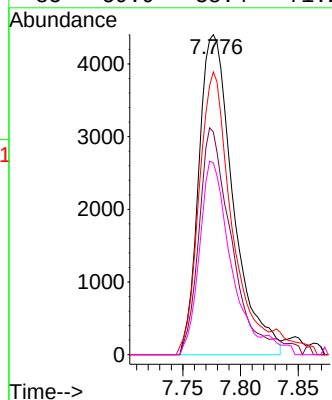
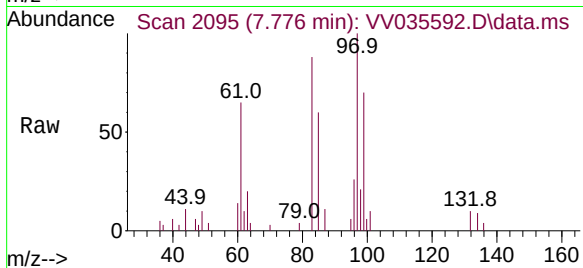




#45
1,1,2-Trichloroethane
Concen: 2.582 ug/L
RT: 7.776 min Scan# 2091
Delta R.T. 0.013 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

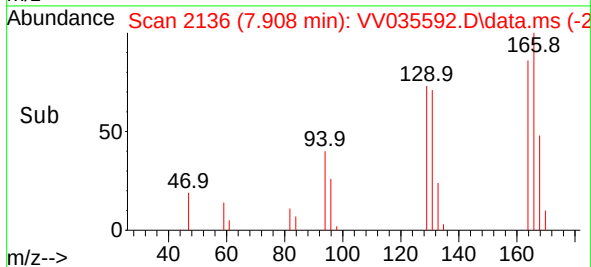
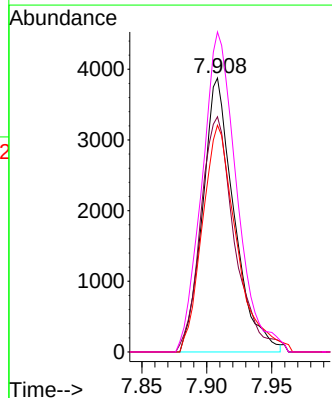
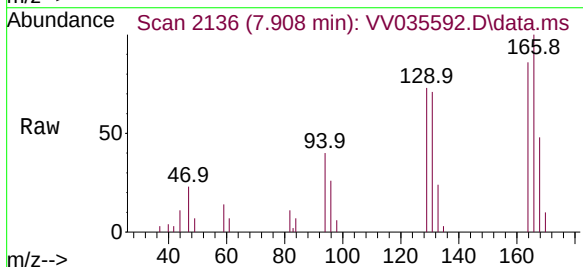
Instrument :
MSVOA_V
ClientSampleId :

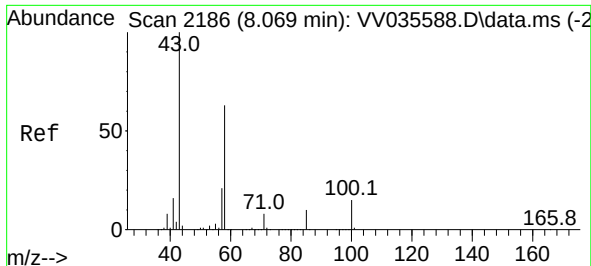
Tgt Ion:	97	Resp:	9148
Ion	Ratio	Lower	Upper
97	100		
99	69.6	44.2	82.2
83	88.4	59.3	110.1
85	59.9	38.4	71.2



#46
Tetrachloroethene
Concen: 2.517 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.007 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Tgt Ion:	164	Resp:	6521
Ion	Ratio	Lower	Upper
164	100		
129	85.8	64.7	120.1
131	82.7	61.5	114.1
166	116.8	90.6	168.3

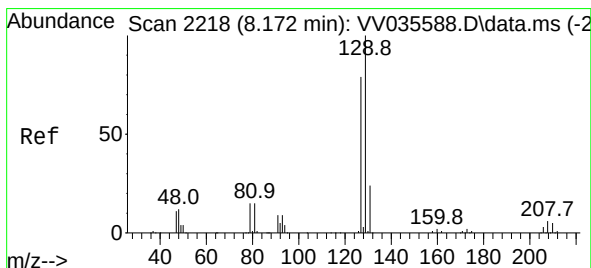
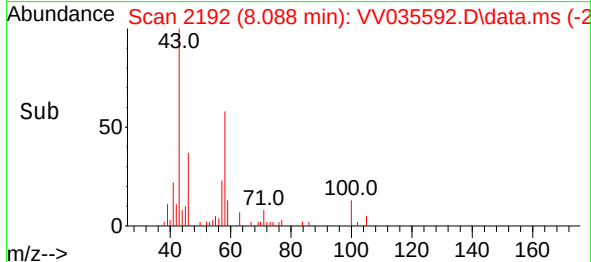
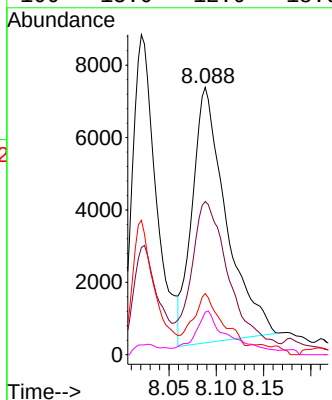
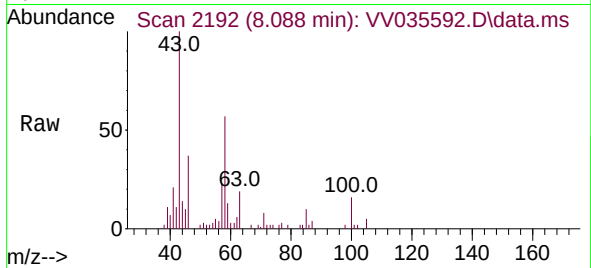




#48
2-Hexanone
Concen: 4.907 ug/L
RT: 8.088 min Scan# 2186
Delta R.T. 0.019 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

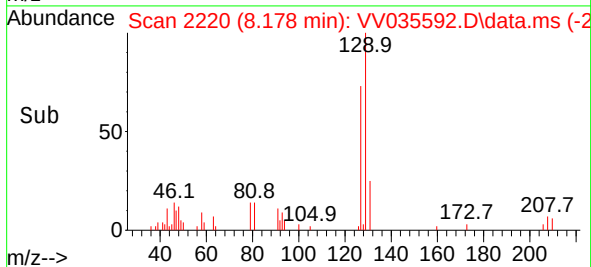
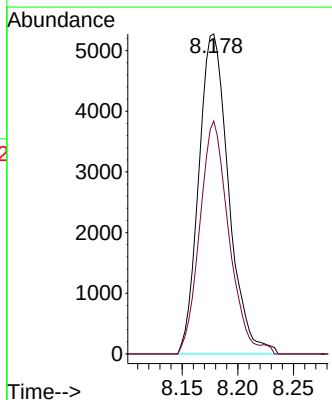
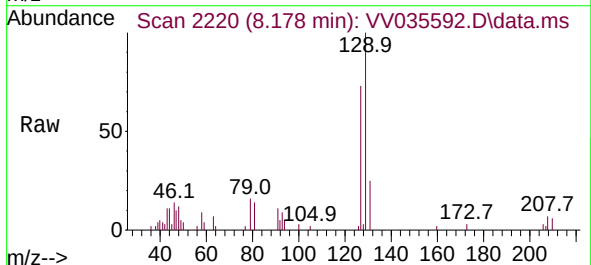
Instrument :
MSVOA_V
ClientSampleId :

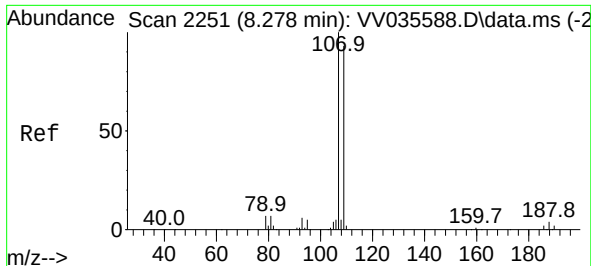
Tgt Ion: 43 Resp: 17655
Ion Ratio Lower Upper
43 100
58 68.3 50.8 76.2
57 10.8 17.6 26.4#
100 13.0 12.0 18.0



#49
Dibromochloromethane
Concen: 2.657 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.007 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

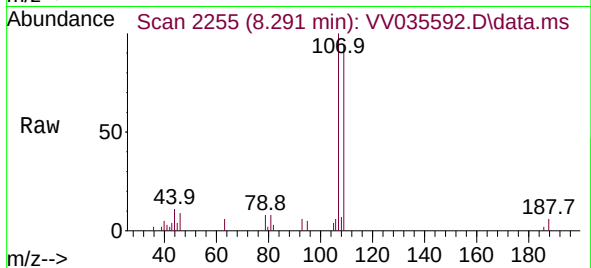
Tgt Ion: 129 Resp: 9854
Ion Ratio Lower Upper
129 100
127 72.8 54.3 100.8



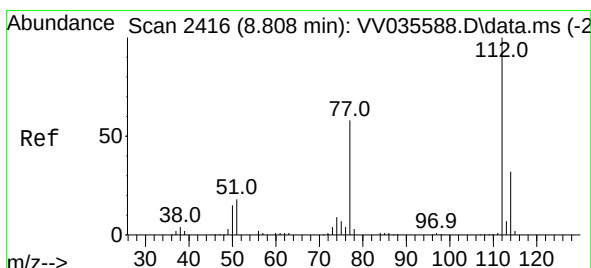
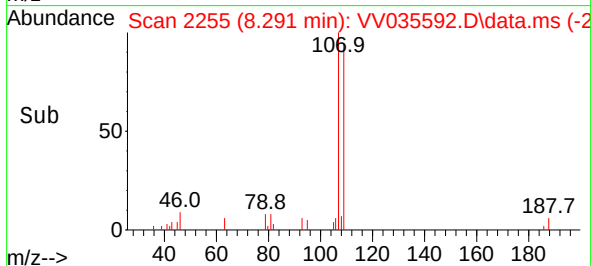
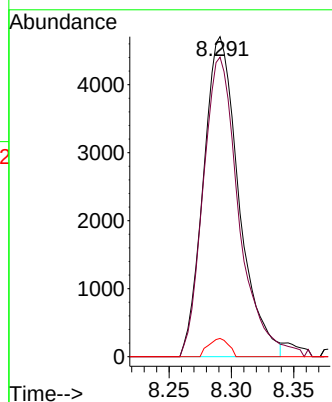


#50
1,2-Dibromoethane
Concen: 2.512 ug/L
RT: 8.291 min Scan# 2418
Delta R.T. 0.013 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Instrument :
MSVOA_V
ClientSampleId :

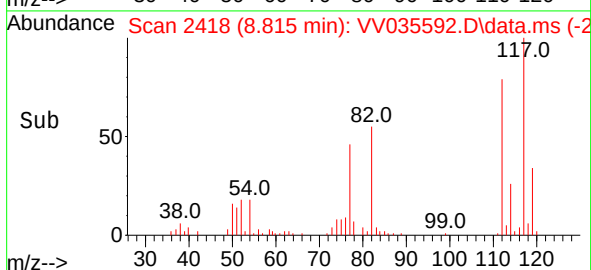
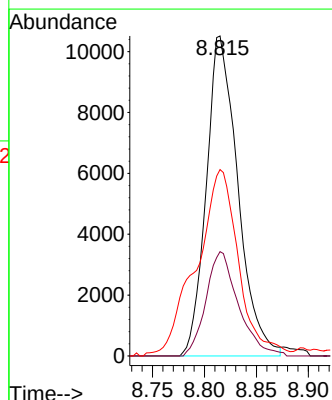
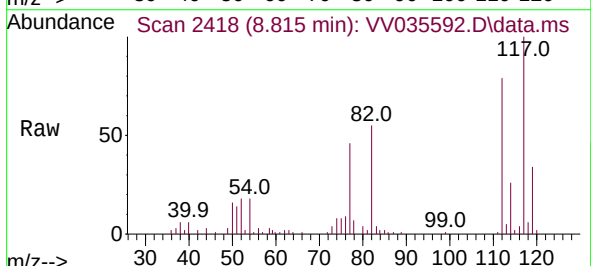


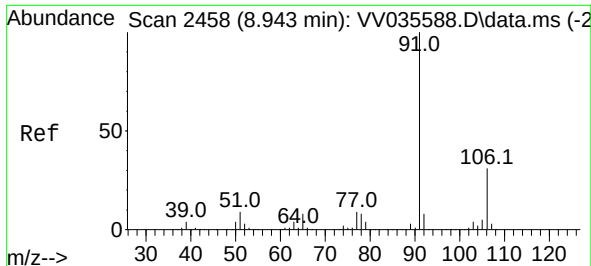
Tgt Ion:107 Resp: 9299
Ion Ratio Lower Upper
107 100
109 93.6 65.7 122.1
188 5.7 3.1 4.7#



#51
Chlorobenzene
Concen: 2.531 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.007 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Tgt Ion:112 Resp: 22223
Ion Ratio Lower Upper
112 100
114 32.6 22.4 41.6
77 58.2 45.9 68.9





#52

Ethylbenzene

Concen: 2.129 ug/L

RT: 8.950 min Scan# 2458

Delta R.T. 0.007 min

Lab File: VV035592.D

Acq: 13 May 2024 11:11

Instrument :

MSVOA_V

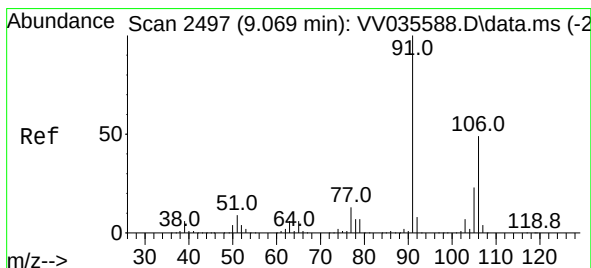
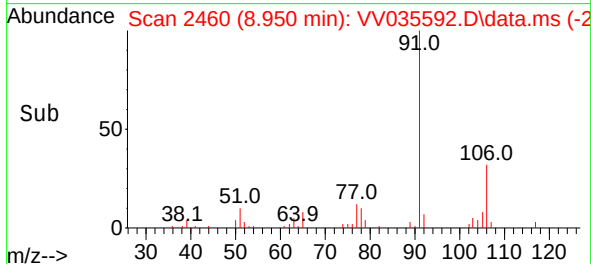
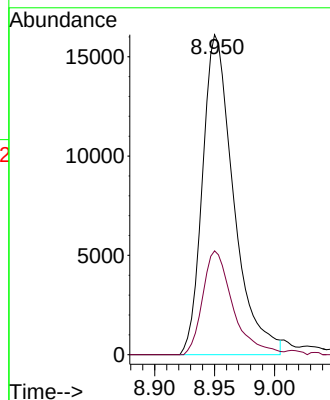
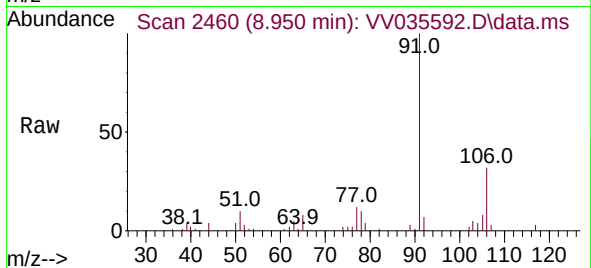
ClientSampleId :

Tgt Ion: 91 Resp: 29085

Ion Ratio Lower Upper

91 100

106 32.4 21.6 40.0



#53

m,p-Xylene

Concen: 2.011 ug/L

RT: 9.079 min Scan# 2500

Delta R.T. 0.010 min

Lab File: VV035592.D

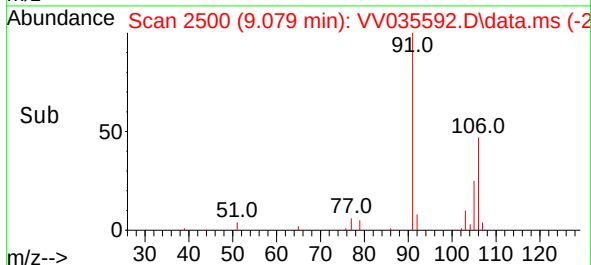
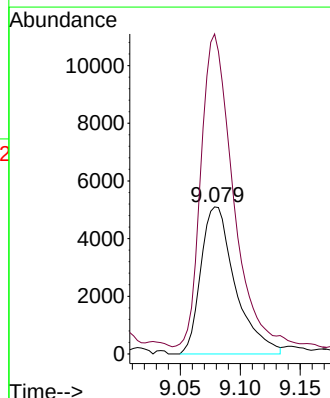
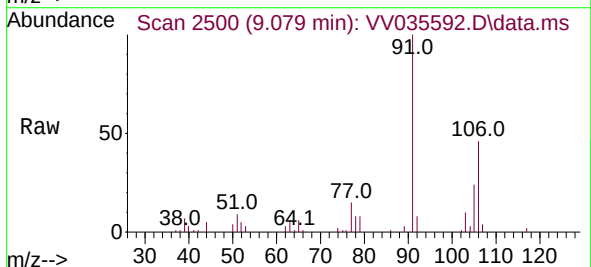
Acq: 13 May 2024 11:11

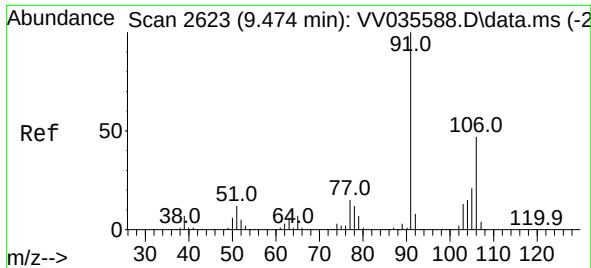
Tgt Ion:106 Resp: 10195

Ion Ratio Lower Upper

106 100

91 217.7 144.8 268.8

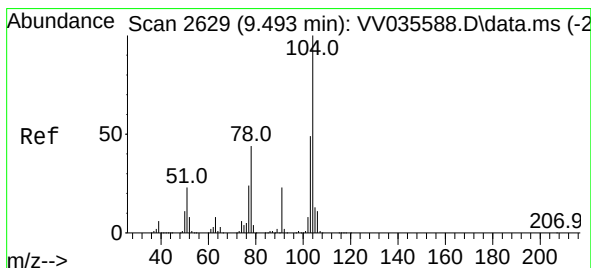
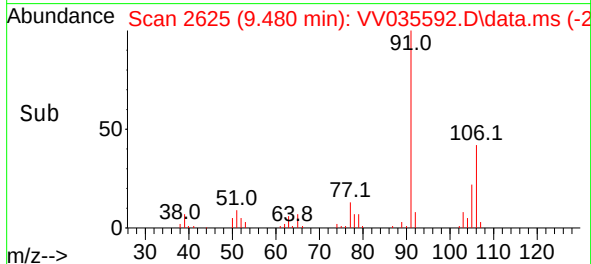
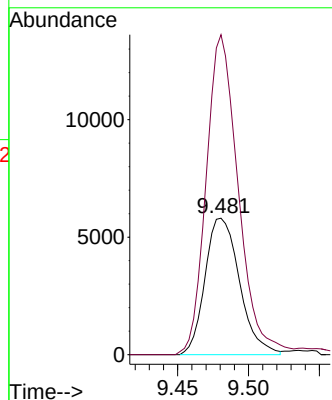
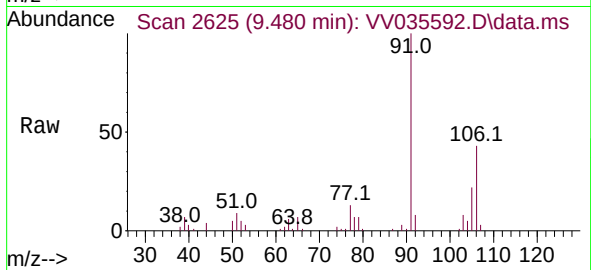




#54
o-Xylene
Concen: 1.929 ug/L
RT: 9.480 min Scan# 20
Delta R.T. 0.007 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

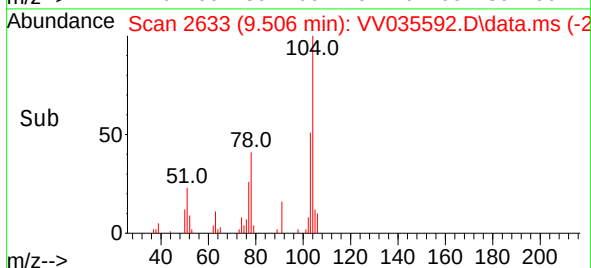
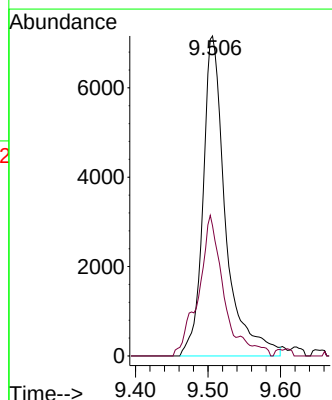
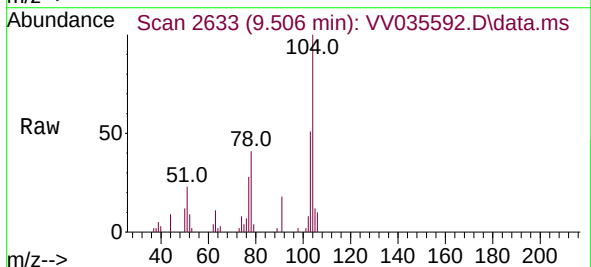
Instrument :
MSVOA_V
ClientSampleId :

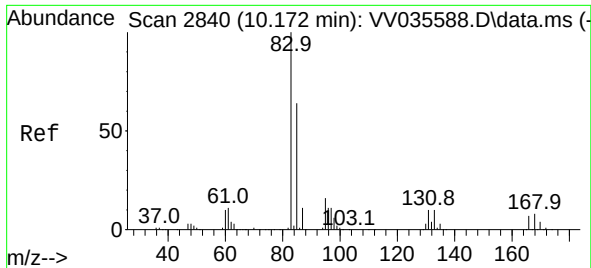
Tgt Ion:106 Resp: 9853
Ion Ratio Lower Upper
106 100
91 234.5 149.9 278.3



#55
Styrene
Concen: 1.751 ug/L
RT: 9.506 min Scan# 2633
Delta R.T. 0.013 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Tgt Ion:104 Resp: 15460
Ion Ratio Lower Upper
104 100
78 40.7 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 2.375 ug/L

RT: 10.175 min Scan# 2840

Delta R.T. 0.003 min

Lab File: VV035592.D

Acq: 13 May 2024 11:11

Instrument :

MSVOA_V

ClientSampleId :

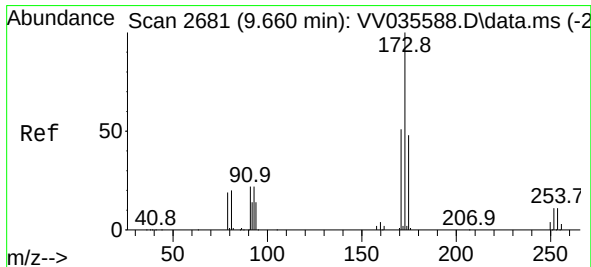
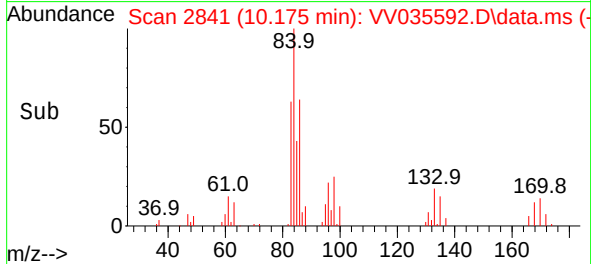
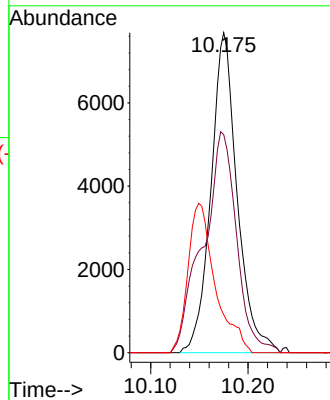
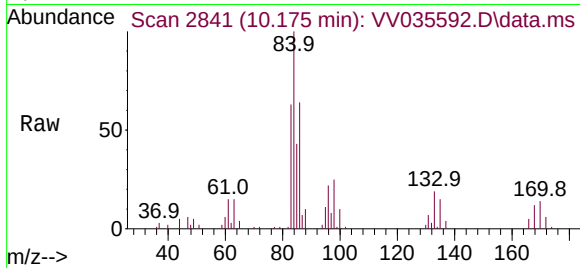
Tgt Ion: 83 Resp: 14397

Ion Ratio Lower Upper

83 100

85 68.1 44.9 83.5

131 11.9 8.1 12.1



#59

Bromoform

Concen: 2.644 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. 0.007 min

Lab File: VV035592.D

Acq: 13 May 2024 11:11

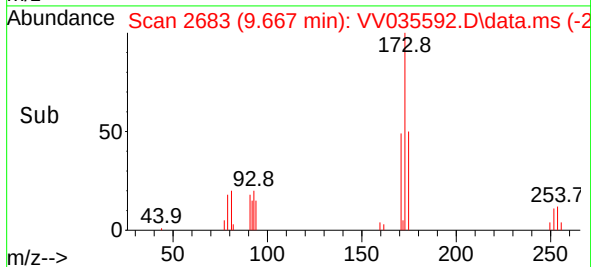
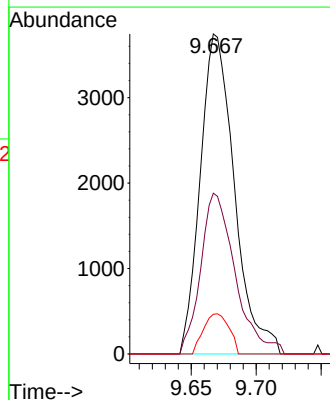
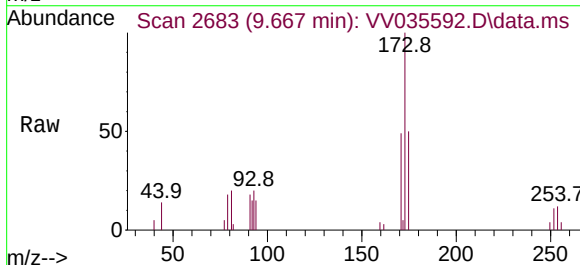
Tgt Ion: 173 Resp: 6844

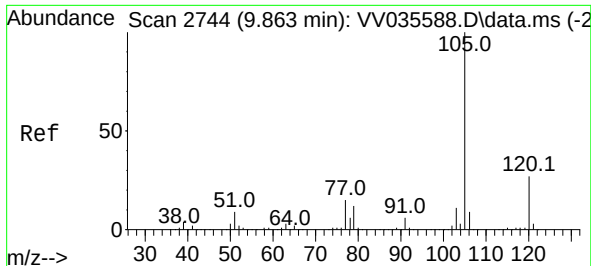
Ion Ratio Lower Upper

173 100

175 49.8 39.0 58.6

254 9.4 8.5 12.7

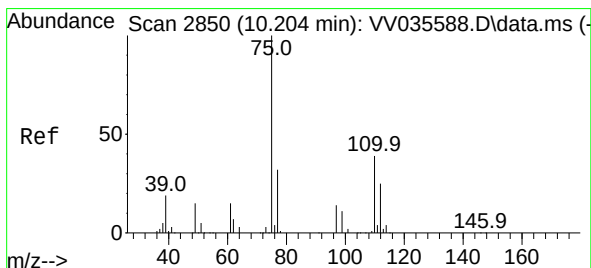
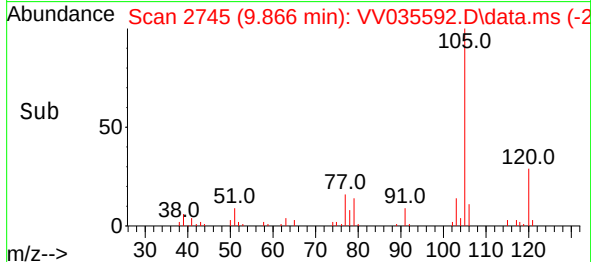
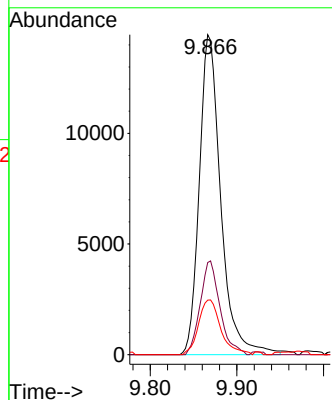
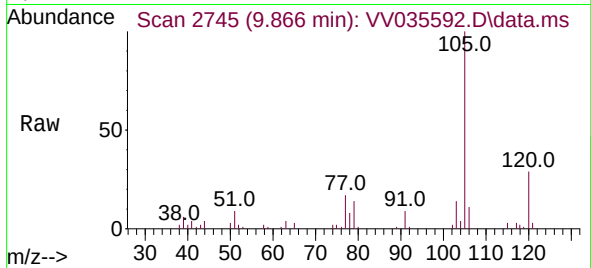




#60
Isopropylbenzene
Concen: 2.155 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

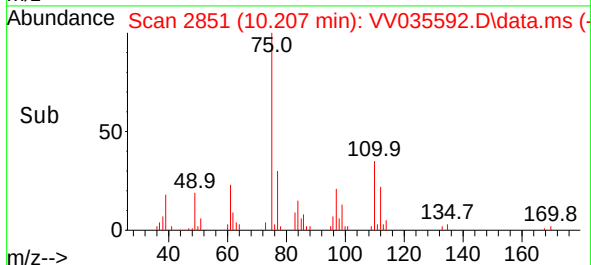
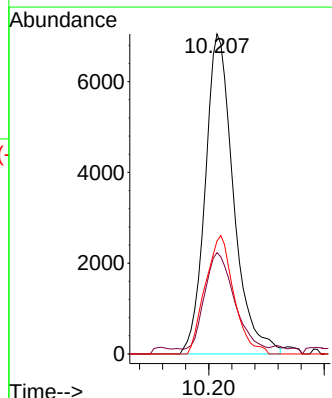
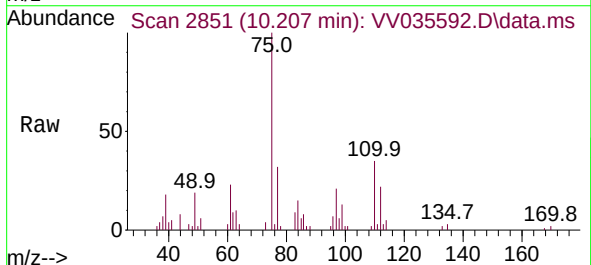
Instrument :
MSVOA_V
ClientSampleId :

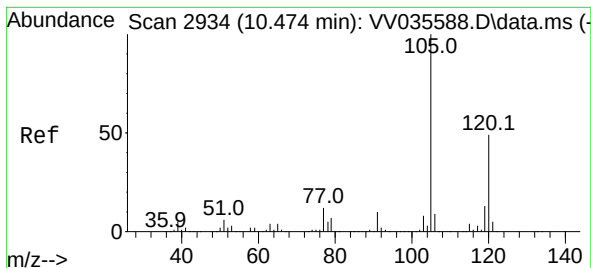
Tgt Ion:105 Resp: 24896
Ion Ratio Lower Upper
105 100
120 27.0 21.5 32.3
77 17.7 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 2.983 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Tgt Ion: 75 Resp: 11975
Ion Ratio Lower Upper
75 100
77 32.6 25.8 38.6
110 37.2 31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 2.137 ug/L

RT: 10.477 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV035592.D

Acq: 13 May 2024 11:11

Instrument :

MSVOA_V

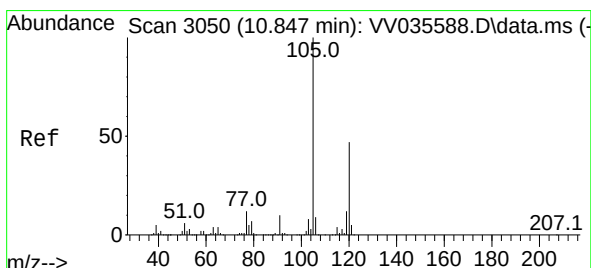
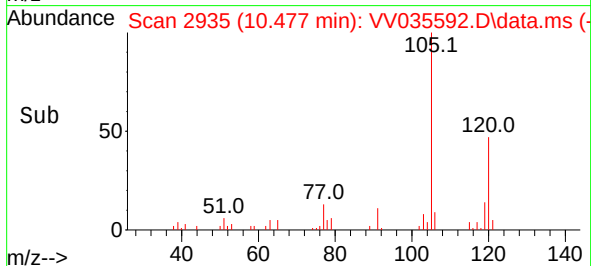
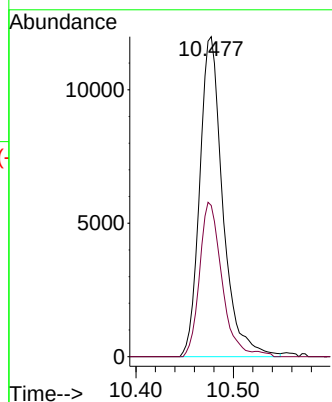
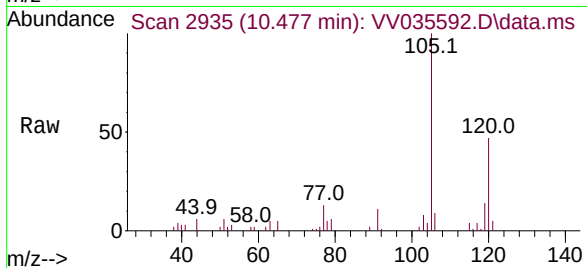
ClientSampleId :

Tgt Ion:105 Resp: 19766

Ion Ratio Lower Upper

105 100

120 46.1 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 2.000 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.007 min

Lab File: VV035592.D

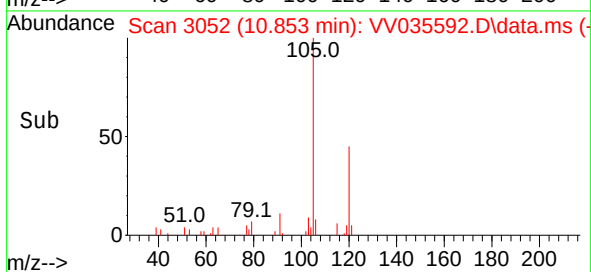
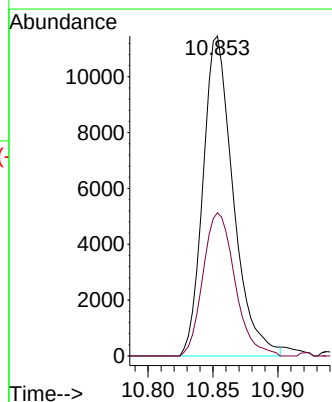
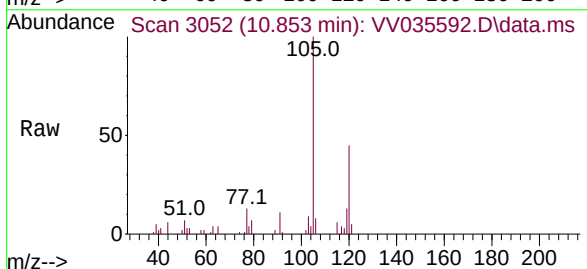
Acq: 13 May 2024 11:11

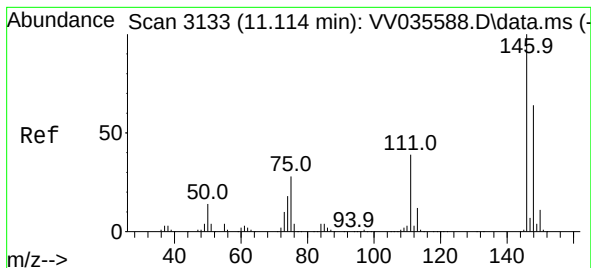
Tgt Ion:105 Resp: 18545

Ion Ratio Lower Upper

105 100

120 47.2 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 2.510 ug/L

RT: 11.124 min Scan# 3133

Delta R.T. 0.010 min

Lab File: VV035592.D

Acq: 13 May 2024 11:11

Instrument :

MSVOA_V

ClientSampleId :

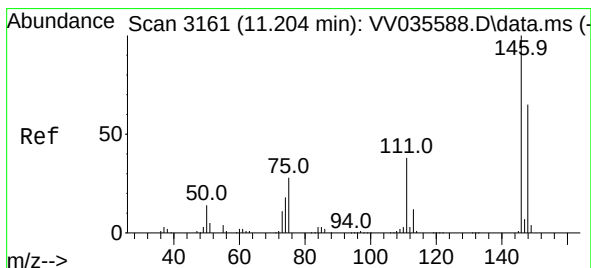
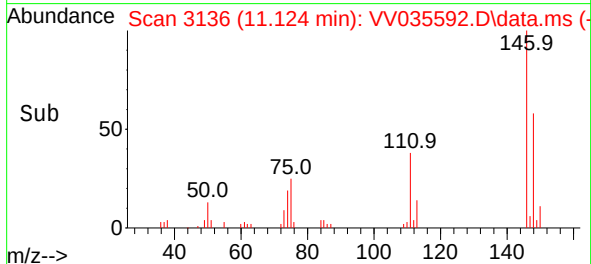
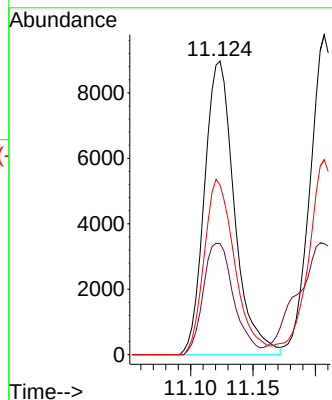
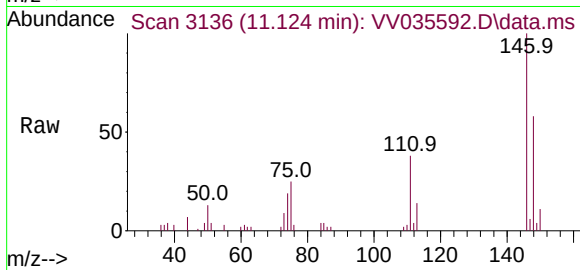
Tgt Ion:146 Resp: 15018

Ion Ratio Lower Upper

146 100

111 37.8 27.9 51.7

148 57.8 45.1 83.9



#65

1,4-Dichlorobenzene

Concen: 2.767 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV035592.D

Acq: 13 May 2024 11:11

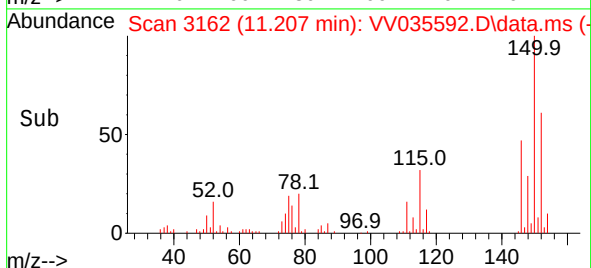
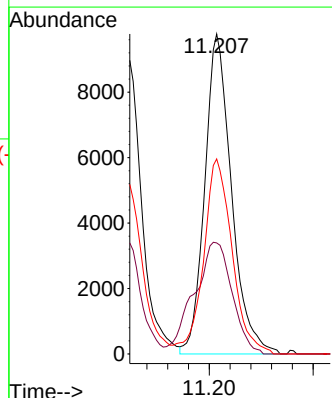
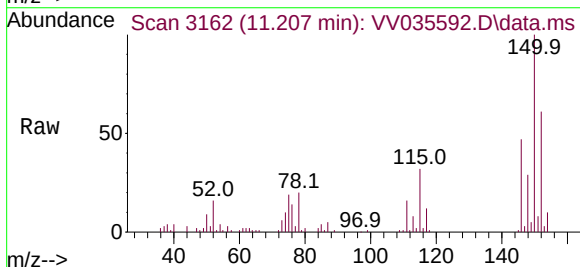
Tgt Ion:146 Resp: 17473

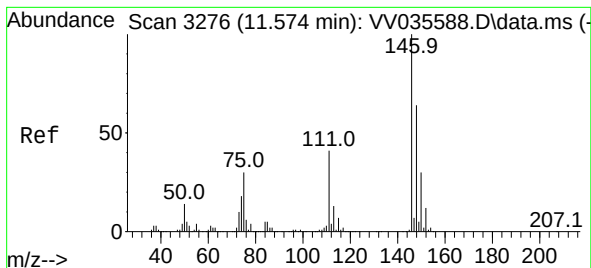
Ion Ratio Lower Upper

146 100

111 34.7 26.4 49.0

148 61.0 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 2.912 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035592.D

Acq: 13 May 2024 11:11

Instrument :

MSVOA_V

ClientSampleId :

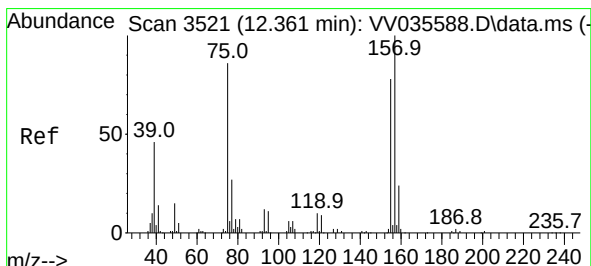
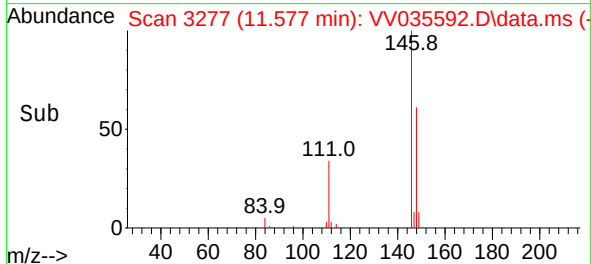
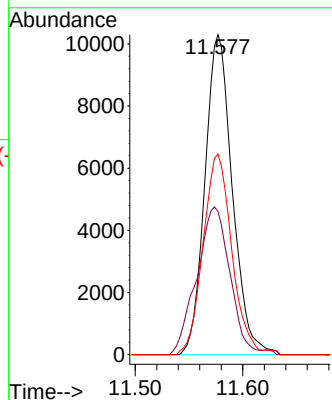
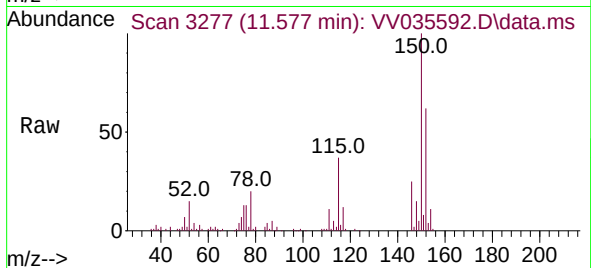
Tgt Ion:146 Resp: 18232

Ion Ratio Lower Upper

146 100

111 44.8 32.1 48.1

148 62.7 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 2.289 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.007 min

Lab File: VV035592.D

Acq: 13 May 2024 11:11

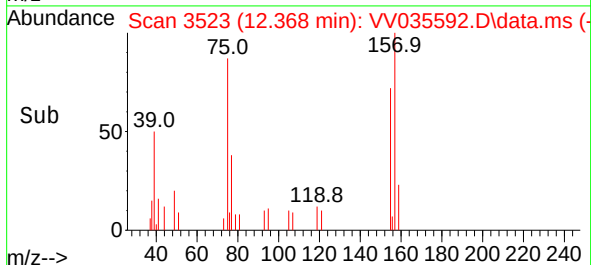
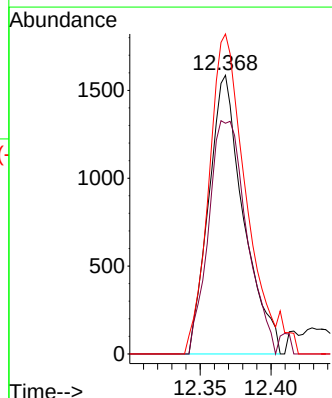
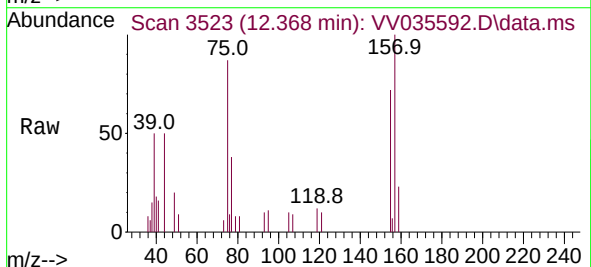
Tgt Ion: 75 Resp: 2706

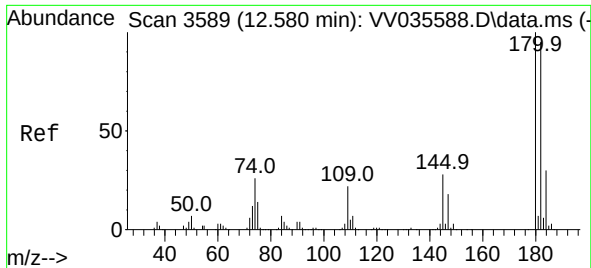
Ion Ratio Lower Upper

75 100

155 90.5 71.4 107.2

157 114.8 95.0 142.4





#69

1,3,5-Trichlorobenzene

Concen: 2.520 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.003 min

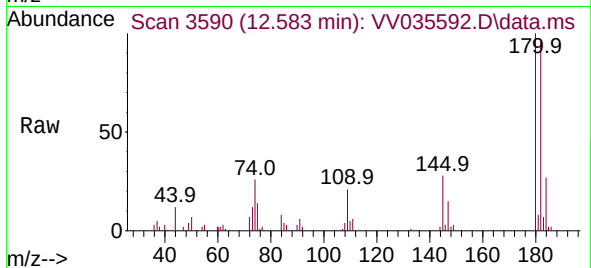
Lab File: VV035592.D

Acq: 13 May 2024 11:11

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 11447

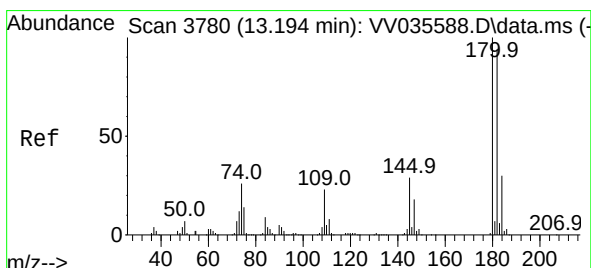
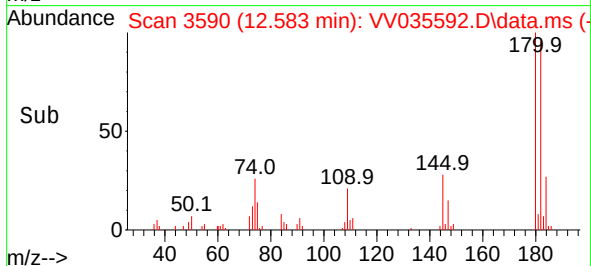
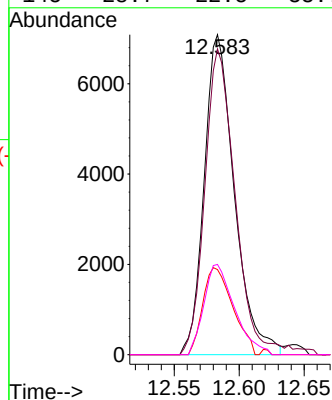
Ion Ratio Lower Upper

180 100

182 95.3 75.7 113.5

184 27.0 24.1 36.1

145 28.7 22.5 33.7



#70

1,2,4-trichlorobenzene

Concen: 2.573 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.007 min

Lab File: VV035592.D

Acq: 13 May 2024 11:11

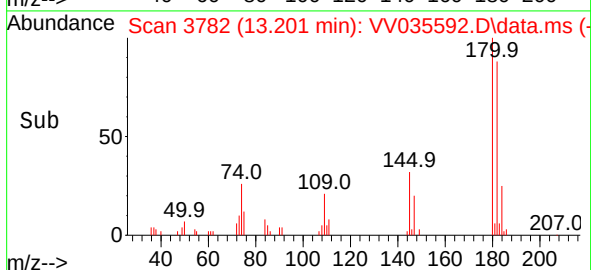
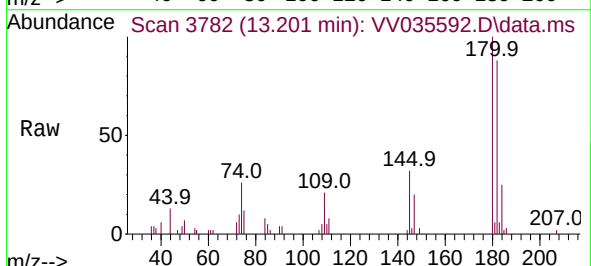
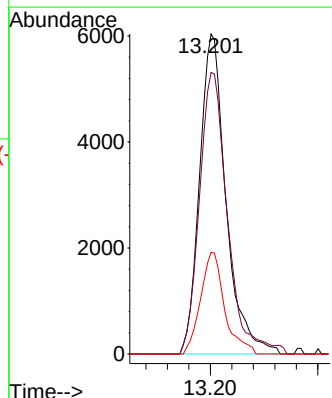
Tgt Ion:180 Resp: 10296

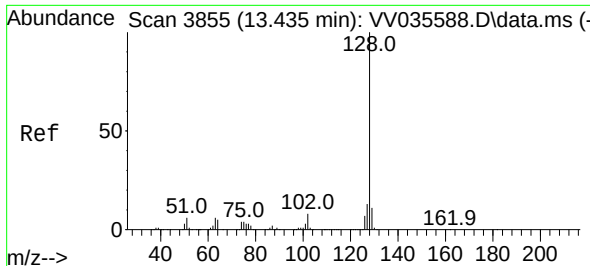
Ion Ratio Lower Upper

180 100

182 92.5 75.7 113.5

145 28.9 23.0 34.4

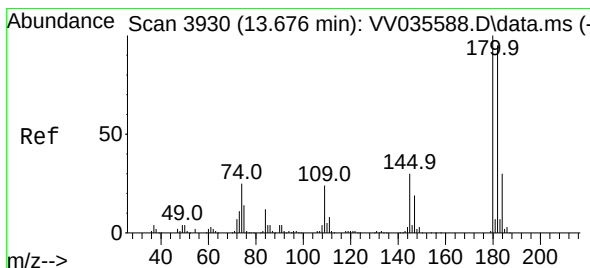
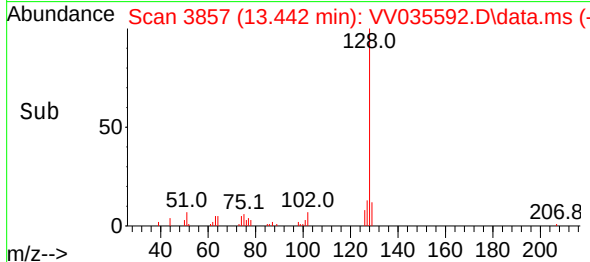
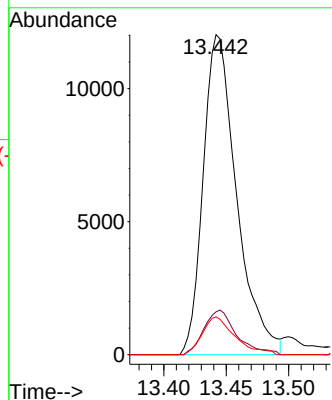
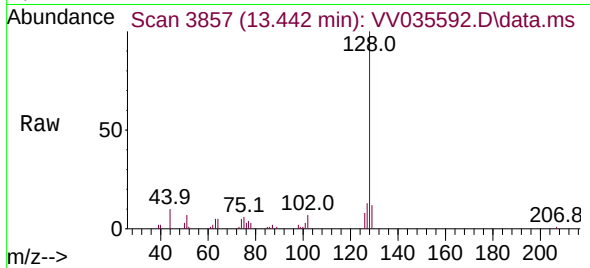




#71
Naphthalene
Concen: 2.006 ug/L
RT: 13.442 min Scan# 3855
Delta R.T. 0.007 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 22494
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.4
129 11.6 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 2.407 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.003 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Tgt Ion:180 Resp: 9998
Ion Ratio Lower Upper
180 100
182 97.0 76.2 114.2
145 28.2 24.9 37.3

