

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022924\
 Data File : VV034478.D
 Acq On : 29 Feb 2024 13:46
 Operator : SY/MD
 Sample : P1601-05
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 01 01:35:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 01 01:27:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	277820	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	257485	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	125343	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	113512	47.132	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.260%
7) Chloroethane-d5	1.529	69	90270	48.110	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.220%
11) 1,1-Dichloroethene-d2	2.056	65	50693	46.542	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.080%
21) 2-Butanone-d5	3.786	46	177936	110.478	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.480%
24) Chloroform-d	4.249	84	199114	46.759	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.520%
26) 1,2-Dichloroethane-d4	4.941	65	140715	50.568	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.140%
32) Benzene-d6	4.957	84	389833	50.165	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.340%
36) 1,2-Dichloropropane-d6	5.989	67	118925	50.147	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.300%
41) Toluene-d8	7.243	98	342865	48.755	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.520%
43) trans-1,3-Dichloroprop...	7.555	79	55661	46.738	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.480%
47) 2-Hexanone-d5	8.024	63	129755	109.567	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.570%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	160798	51.523	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.040%
66) 1,2-Dichlorobenzene-d4	11.561	152	129598	50.584	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.160%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.105	85	5655	1.941 ug/L	97
3) Chloromethane	1.214	50	6016	2.101 ug/L	95
5) Vinyl chloride	1.282	62	5597	2.014 ug/L #	73
6) Bromomethane	1.484	94	3899	2.338 ug/L	88
8) Chloroethane	1.545	64	3342	2.023 ug/L	95
9) Trichlorofluoromethane	1.709	101	8222	1.975 ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	5922	2.640 ug/L #	81
12) 1,1-Dichloroethene	2.066	96	5178	2.489 ug/L #	1
13) Acetone	2.118	43	7880	4.070 ug/L	98
14) Carbon disulfide	2.240	76	10495	1.818 ug/L	96
15) Methyl Acetate	2.381	43	4961	2.003 ug/L #	83
16) Methylene chloride	2.449	84	5835	2.644 ug/L	90
17) trans-1,2-Dichloroethene	2.696	96	3884	1.929 ug/L	93
18) Methyl tert-butyl Ether	2.706	73	14925	2.064 ug/L	99
19) 1,1-Dichloroethane	3.114	63	7564	1.918 ug/L	95
20) cis-1,2-Dichloroethene	3.818	96	4176	1.912 ug/L	93
23) Bromochloromethane	4.159	128	2176	1.926 ug/L #	91
27) 1,2-Dichloroethane	5.060	62	6505	1.958 ug/L	96
29) Cyclohexane	4.580	56	4009	1.184 ug/L #	49

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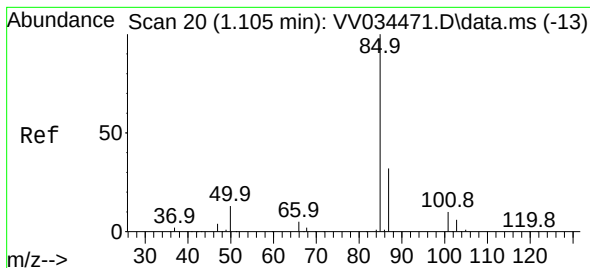
Instrument :
 MSVOA_V
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 Response via : Initial Calibration

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

30) 1,1,1-Trichloroethane	4.513	97	7327	1.984	ug/L #	82
31) Carbon tetrachloride	4.735	117	6138	1.878	ug/L	95
33) Benzene	5.018	78	16186	2.025	ug/L	100
34) Trichloroethene	5.847	95	4535	1.996	ug/L	94
35) Methylcyclohexane	6.050	83	7390	2.140	ug/L	94
37) 1,2-Dichloropropane	6.108	63	3746	1.790	ug/L #	94
38) Bromodichloromethane	6.445	83	5454	1.853	ug/L #	96
39) cis-1,3-Dichloropropene	6.966	75	5817	1.716	ug/L	94
40) 4-Methyl-2-pentanone	7.169	43	11516	3.732	ug/L	98
42) Toluene	7.326	91	16837	1.990	ug/L	94
44) trans-1,3-Dichloropropene	7.593	75	5832	1.789	ug/L	91
45) 1,1,2-Trichloroethane	7.776	97	4160	2.060	ug/L	88
46) Tetrachloroethene	7.912	164	2942	1.741	ug/L	85
48) 2-Hexanone	8.088	43	11585	4.712	ug/L	95
49) Dibromochloromethane	8.182	129	3720	1.746	ug/L	91
50) 1,2-Dibromoethane	8.291	107	4742	2.213	ug/L #	85
51) Chlorobenzene	8.818	112	11255	2.058	ug/L	100
52) Ethylbenzene	8.953	91	17705	1.868	ug/L	95
53) m,p-Xylene	9.082	106	6534	1.817	ug/L	94
54) o-Xylene	9.484	106	6467	1.836	ug/L	98
55) Styrene	9.506	104	10146	1.701	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.178	83	7165	2.363	ug/L #	93
59) Bromoform	9.670	173	2389	1.719	ug/L #	92
60) Isopropylbenzene	9.870	105	17172	1.937	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	5478	2.290	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	13814	1.847	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	14530	1.965	ug/L	96
64) 1,3-Dichlorobenzene	11.124	146	8211	2.003	ug/L	96
65) 1,4-Dichlorobenzene	11.214	146	8506	2.044	ug/L	93
67) 1,2-Dichlorobenzene	11.580	146	9031	2.199	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.368	75	1318	1.849	ug/L	100
69) 1,3,5-Trichlorobenzene	12.587	180	5816	1.891	ug/L	95
70) 1,2,4-trichlorobenzene	13.204	180	5427	1.961	ug/L	99
71) Naphthalene	13.445	128	16091	2.174	ug/L	97
72) 1,2,3-Trichlorobenzene	13.683	180	5424	2.010	ug/L	95

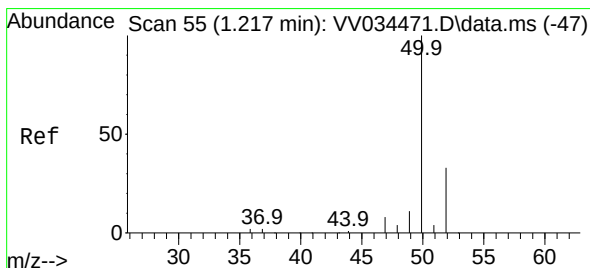
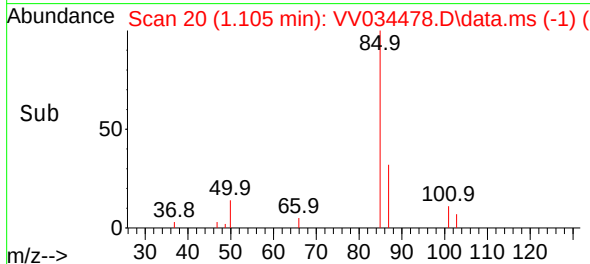
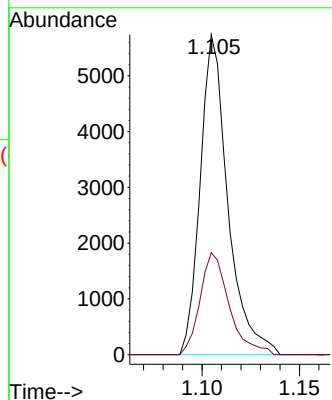
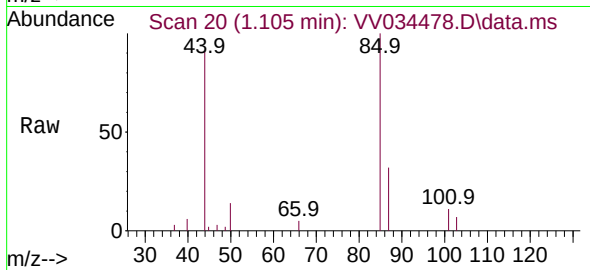
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 1.941 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV034478.D
 Acq: 29 Feb 2024 13:46

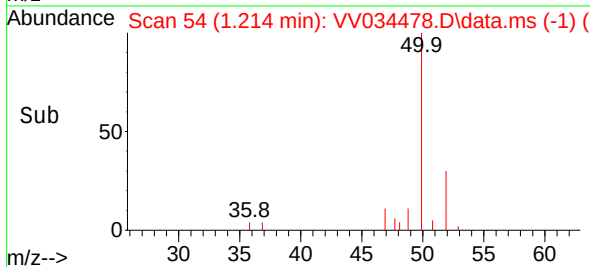
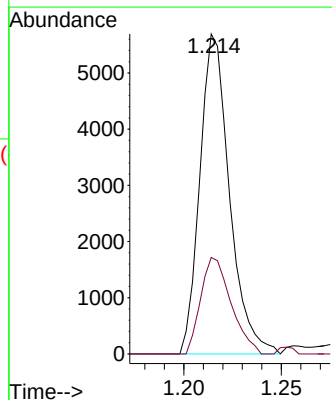
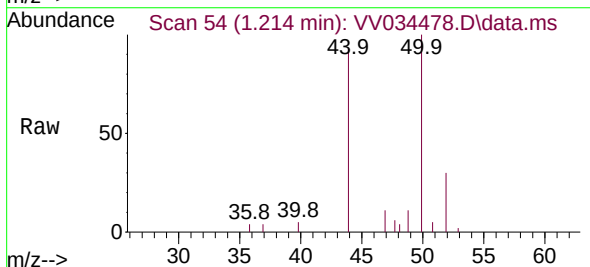
Instrument :
 MSVOA_V
 ClientSampleId :

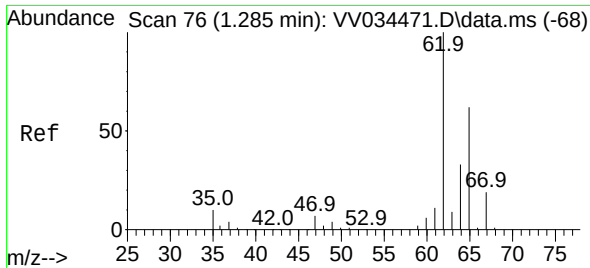
Tgt Ion: 85 Resp: 5655
 Ion Ratio Lower Upper
 85 100
 87 33.6 25.5 38.3



#3
 Chloromethane
 Concen: 2.101 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV034478.D
 Acq: 29 Feb 2024 13:46

Tgt Ion: 50 Resp: 6016
 Ion Ratio Lower Upper
 50 100
 52 30.2 23.0 42.8

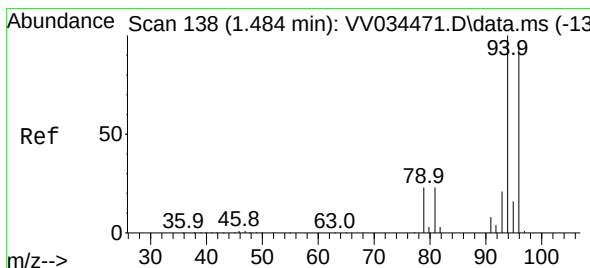
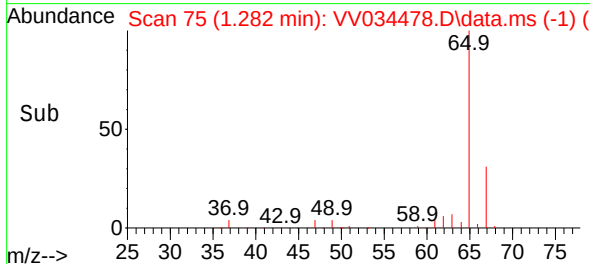
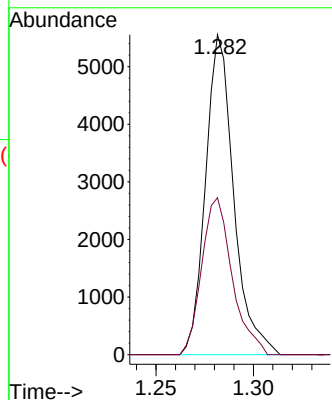
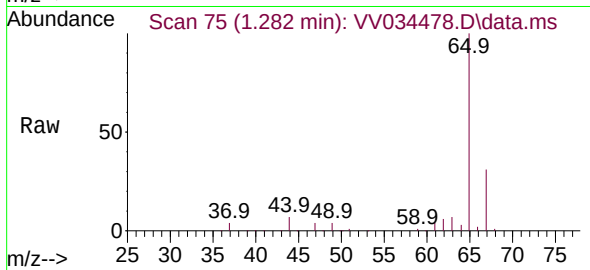




#5
Vinyl chloride
Concen: 2.014 ug/L
RT: 1.282 min Scan# 74
Delta R.T. -0.003 min
Lab File: VV034478.D
Acq: 29 Feb 2024 13:46

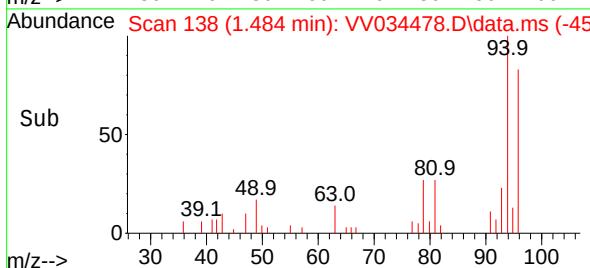
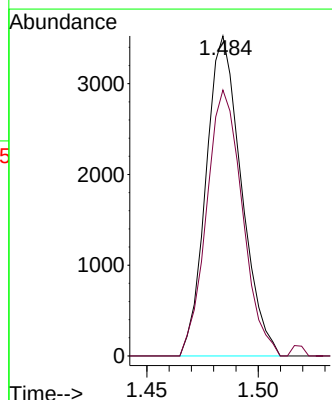
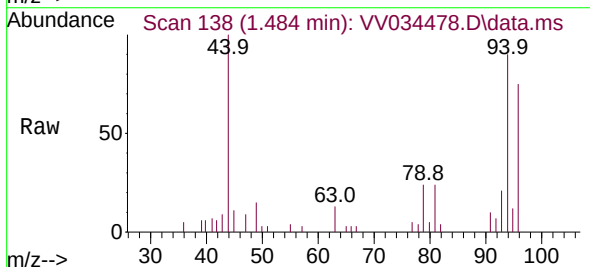
Instrument :
MSVOA_V
ClientSampleId :

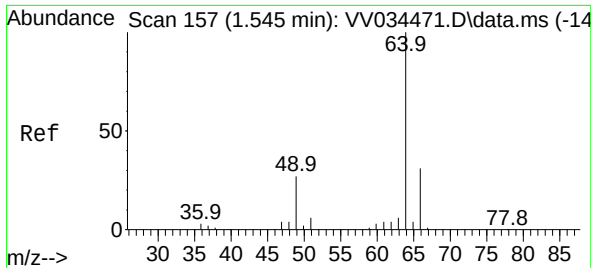
Tgt Ion: 62 Resp: 5597
Ion Ratio Lower Upper
62 100
64 49.0 23.4 43.6#



#6
Bromomethane
Concen: 2.338 ug/L
RT: 1.484 min Scan# 138
Delta R.T. -0.000 min
Lab File: VV034478.D
Acq: 29 Feb 2024 13:46

Tgt Ion: 94 Resp: 3899
Ion Ratio Lower Upper
94 100
96 83.1 66.0 122.6

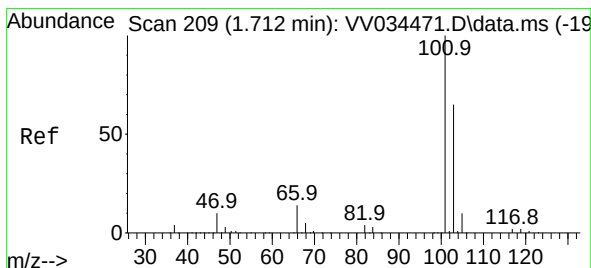
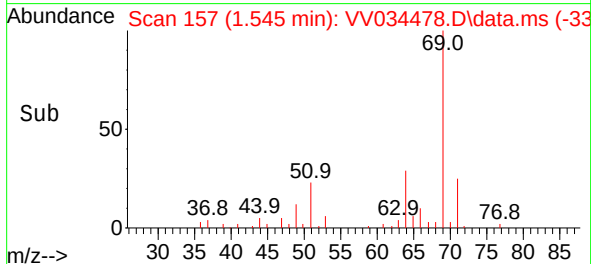
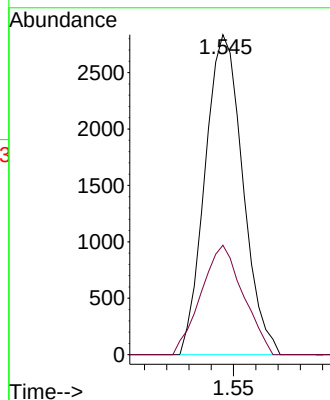
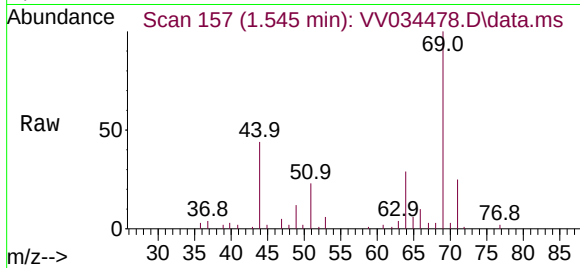




#8
Chloroethane
Concen: 2.023 ug/L
RT: 1.545 min Scan# 157
Delta R.T. -0.000 min
Lab File: VV034478.D
Acq: 29 Feb 2024 13:46

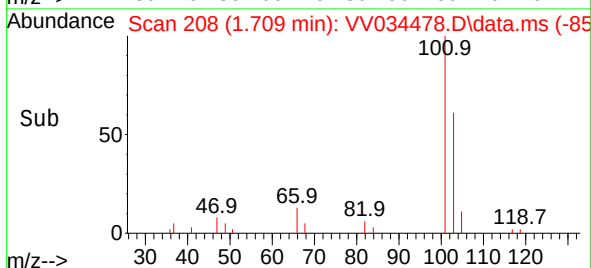
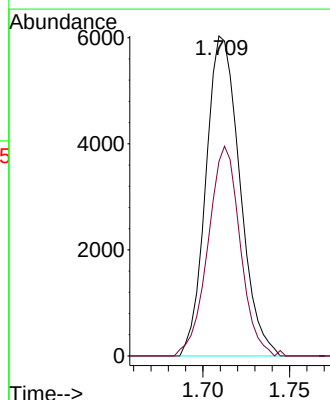
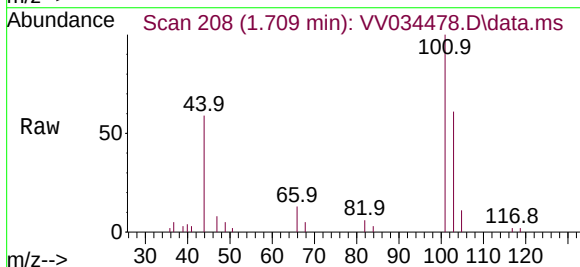
Instrument :
MSVOA_V
ClientSampleId :

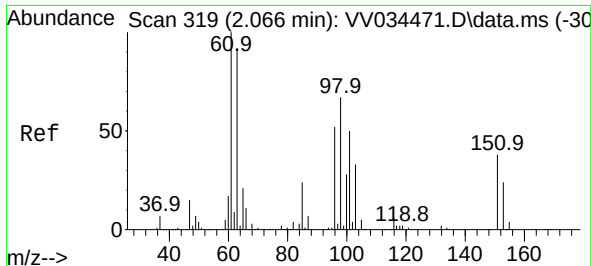
Tgt Ion: 64 Resp: 3342
Ion Ratio Lower Upper
64 100
66 34.2 22.0 40.8



#9
Trichlorofluoromethane
Concen: 1.975 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV034478.D
Acq: 29 Feb 2024 13:46

Tgt Ion:101 Resp: 8222
Ion Ratio Lower Upper
101 100
103 62.1 51.8 77.8





#10

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

Concen: 2.640 ug/L

RT: 2.063 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV034478.D

Acq: 29 Feb 2024 13:46

Instrument :

MSVOA_V

ClientSampleId :

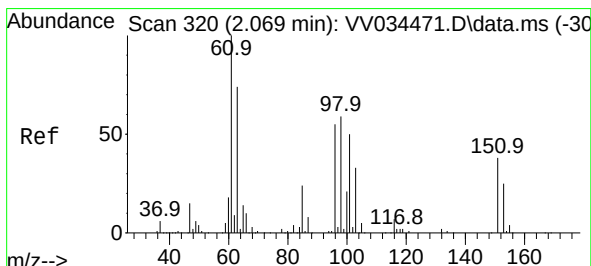
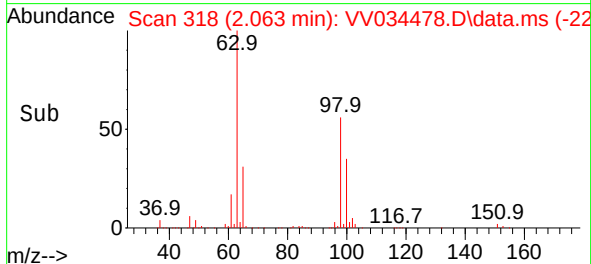
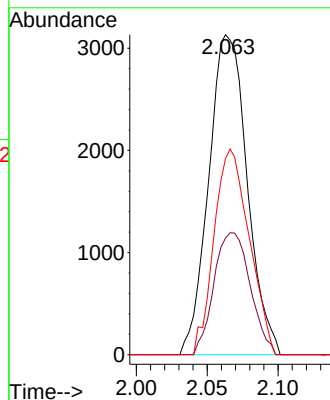
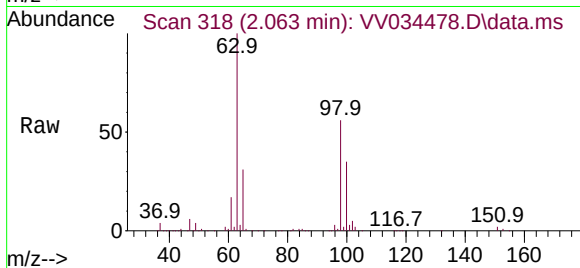
Tgt Ion:101 Resp: 5922

Ion Ratio Lower Upper

101 100

85 35.9 37.4 56.0#

151 58.7 61.4 92.2#



#12

1,1-Dichloroethene

Concen: 2.489 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV034478.D

Acq: 29 Feb 2024 13:46

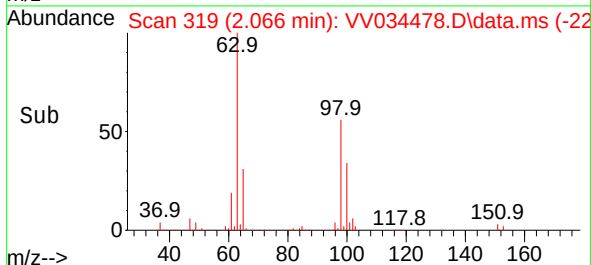
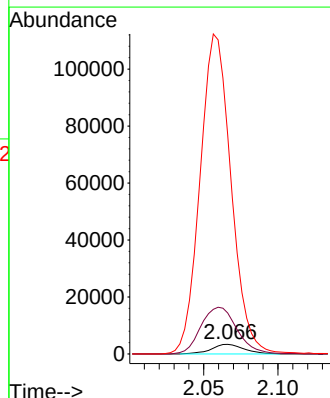
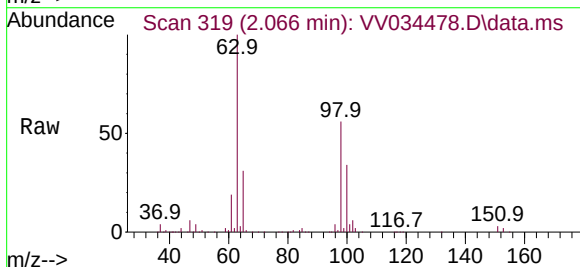
Tgt Ion: 96 Resp: 5178

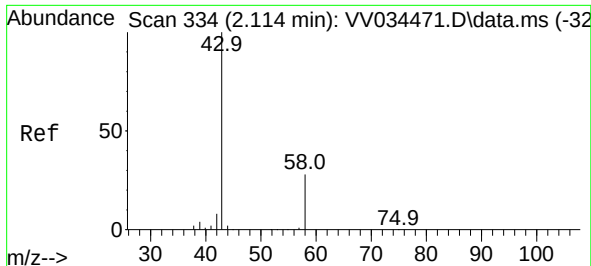
Ion Ratio Lower Upper

96 100

61 422.4 128.9 239.3#

63 2259.0 98.0 182.0#





#13

Acetone

Concen: 4.070 ug/L

RT: 2.118 min Scan# 334

Delta R.T. 0.003 min

Lab File: VV034478.D

Acq: 29 Feb 2024 13:46

Instrument :

MSVOA_V

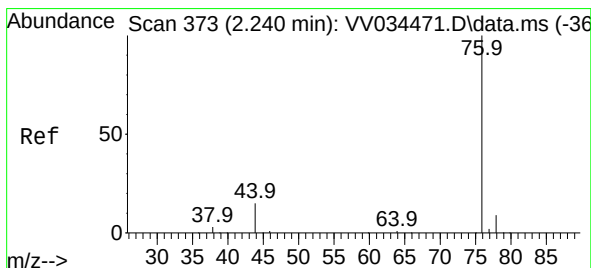
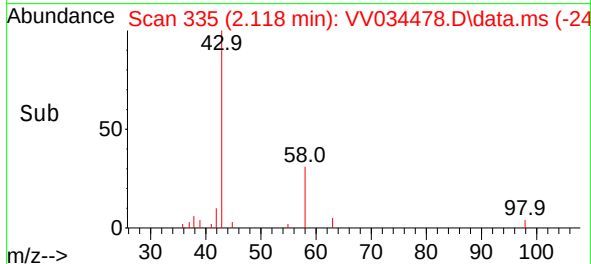
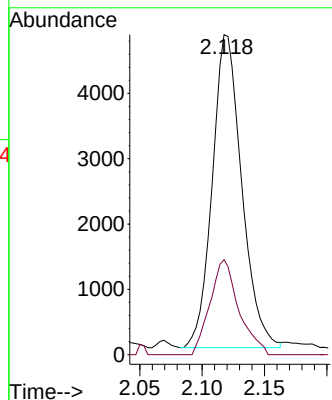
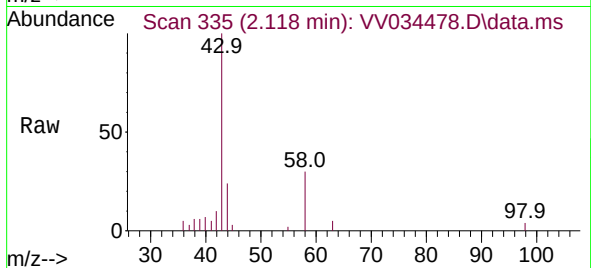
ClientSampleId :

Tgt Ion: 43 Resp: 7880

Ion Ratio Lower Upper

43 100

58 29.6 0.0 57.2



#14

Carbon disulfide

Concen: 1.818 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV034478.D

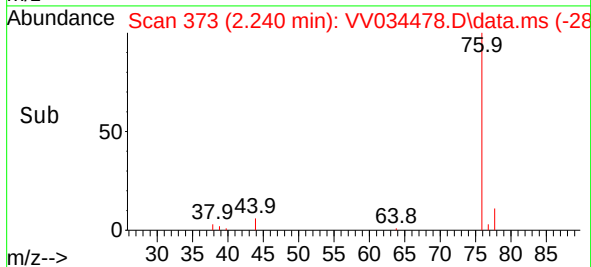
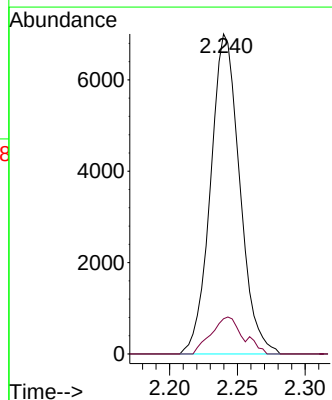
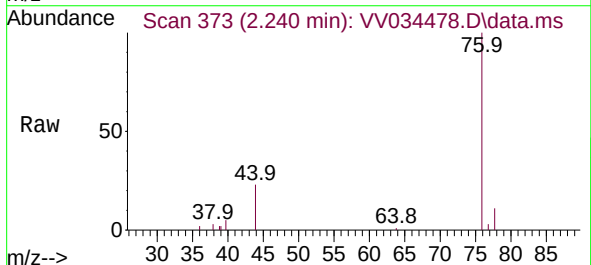
Acq: 29 Feb 2024 13:46

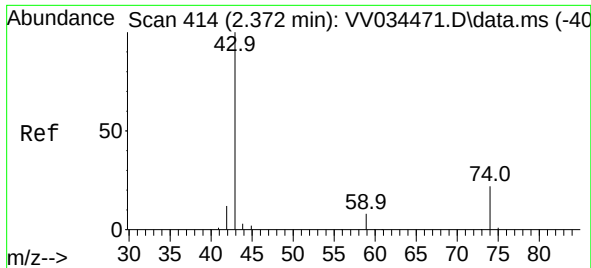
Tgt Ion: 76 Resp: 10495

Ion Ratio Lower Upper

76 100

78 11.0 7.5 11.3





#15

Methyl Acetate

Concen: 2.003 ug/L

RT: 2.381 min Scan# 41

Delta R.T. 0.010 min

Lab File: VV034478.D

Acq: 29 Feb 2024 13:46

Instrument :

MSVOA_V

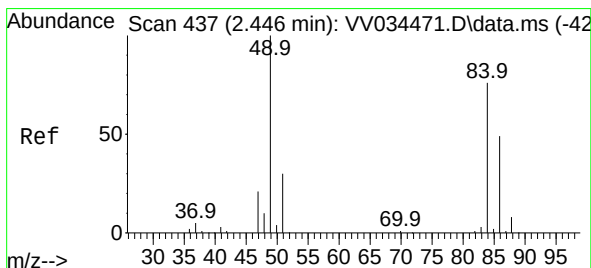
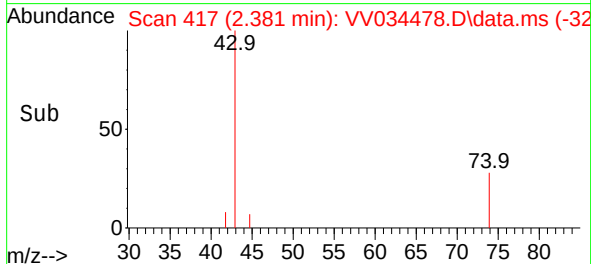
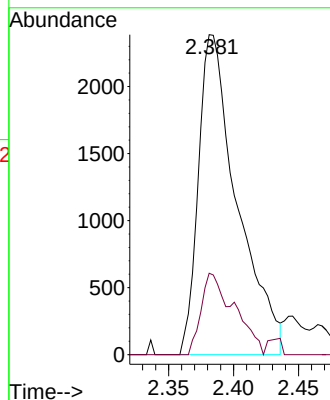
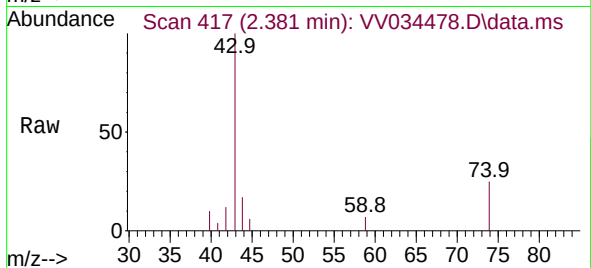
ClientSampleId :

Tgt Ion: 43 Resp: 4961

Ion Ratio Lower Upper

43 100

74 14.1 17.8 26.8#



#16

Methylene chloride

Concen: 2.644 ug/L

RT: 2.449 min Scan# 438

Delta R.T. 0.003 min

Lab File: VV034478.D

Acq: 29 Feb 2024 13:46

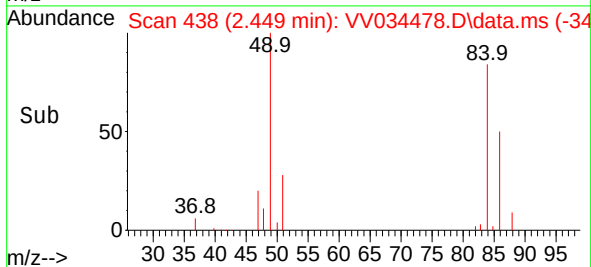
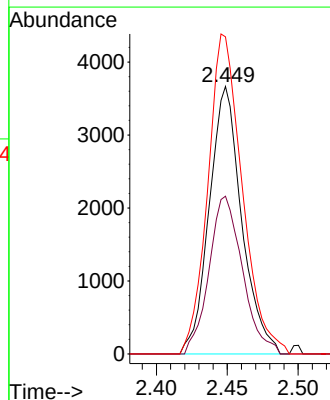
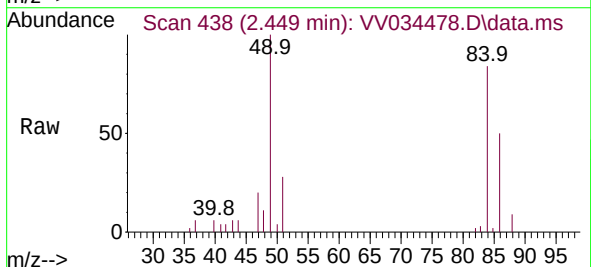
Tgt Ion: 84 Resp: 5835

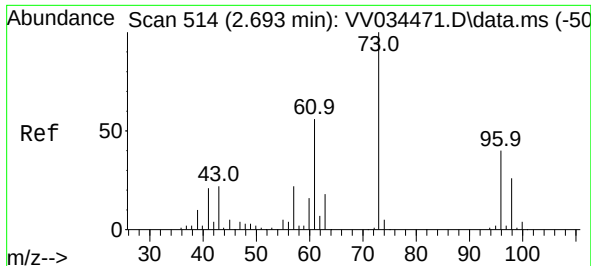
Ion Ratio Lower Upper

84 100

86 59.0 45.6 84.6

49 118.6 92.3 171.3





#17

trans-1,2-Dichloroethene

Concen: 1.929 ug/L

RT: 2.696 min Scan# 514

Delta R.T. 0.003 min

Lab File: VV034478.D

Acq: 29 Feb 2024 13:46

Instrument :

MSVOA_V

ClientSampleId :

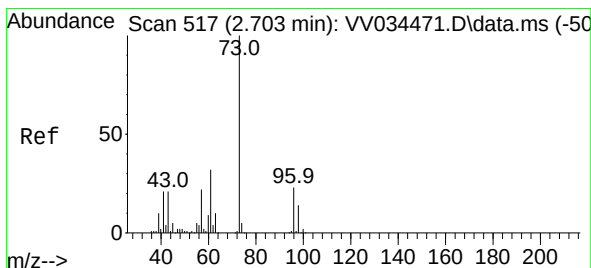
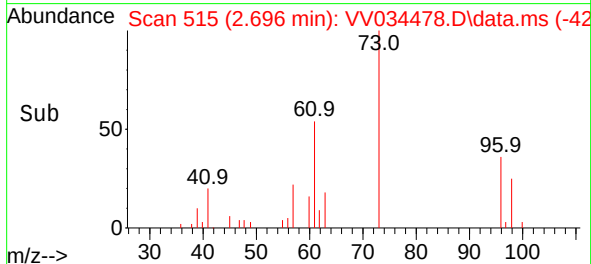
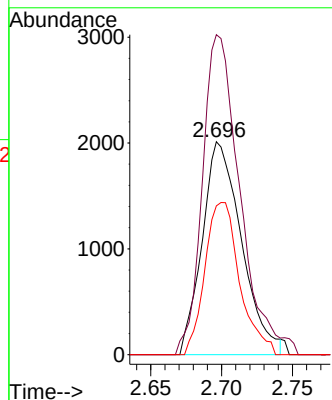
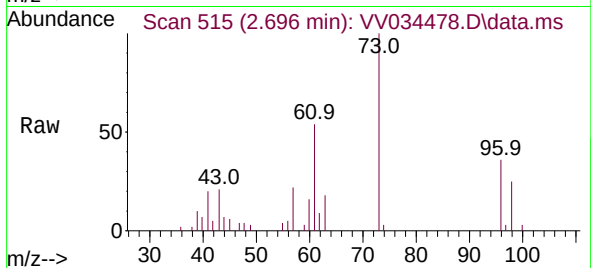
Tgt Ion: 96 Resp: 3884

Ion Ratio Lower Upper

96 100

61 150.3 98.8 183.4

98 69.9 46.1 85.5



#18

Methyl tert-butyl Ether

Concen: 2.064 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.003 min

Lab File: VV034478.D

Acq: 29 Feb 2024 13:46

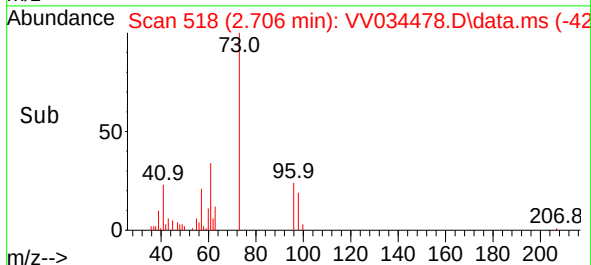
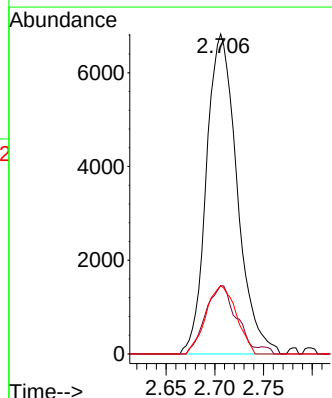
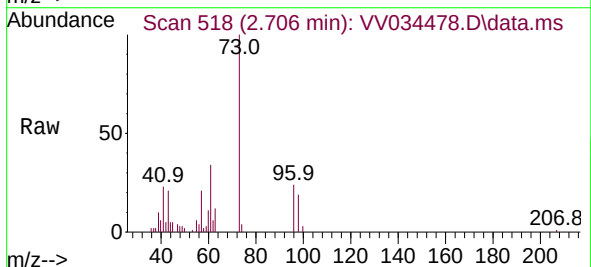
Tgt Ion: 73 Resp: 14925

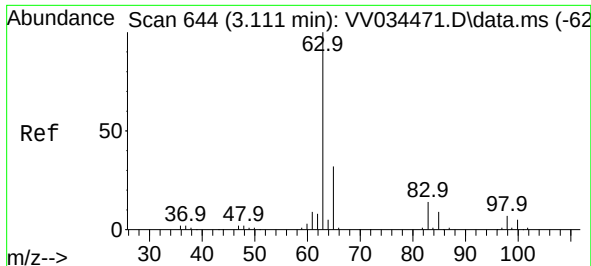
Ion Ratio Lower Upper

73 100

43 21.5 17.1 25.7

57 21.1 17.6 26.4

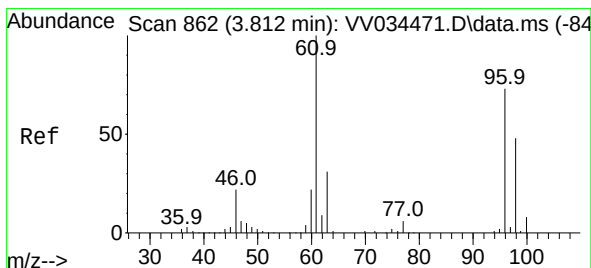
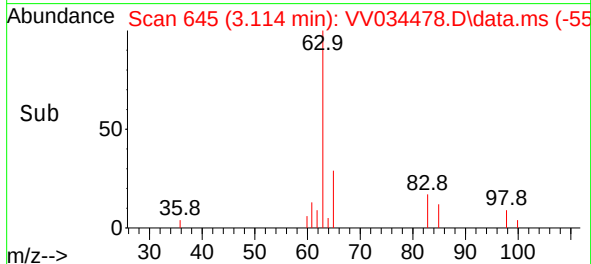
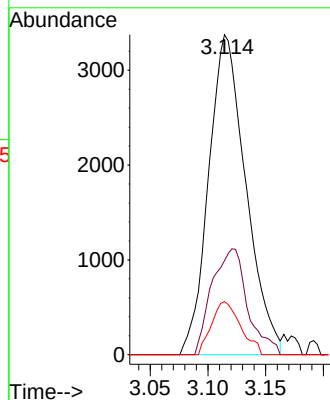
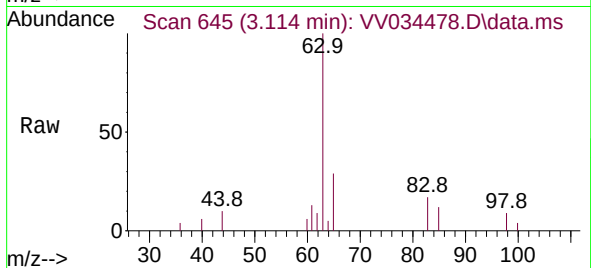




#19
1,1-Dichloroethane
Concen: 1.918 ug/L
RT: 3.114 min Scan# 644
Delta R.T. 0.003 min
Lab File: VV034478.D
Acq: 29 Feb 2024 13:46

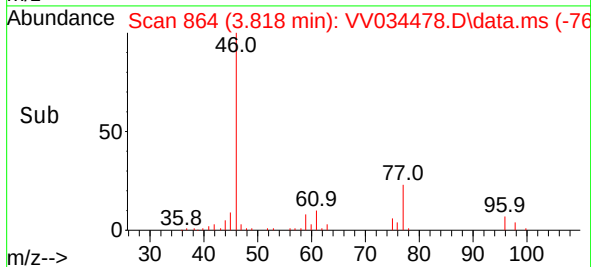
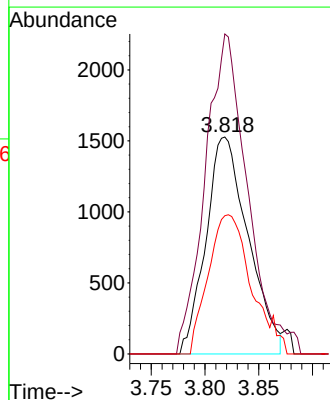
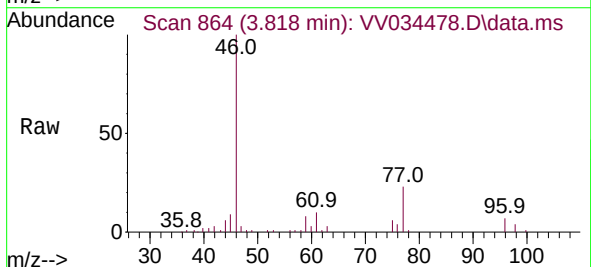
Instrument :
MSVOA_V
ClientSampleId :

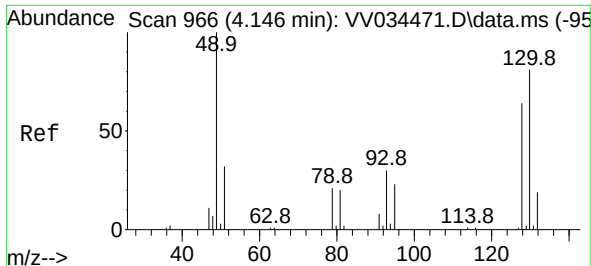
Tgt Ion:	63	Resp:	7564
Ion	Ratio	Lower	Upper
63	100		
65	29.4	22.1	41.1
83	16.6	9.9	18.3



#20
cis-1,2-Dichloroethene
Concen: 1.912 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.006 min
Lab File: VV034478.D
Acq: 29 Feb 2024 13:46

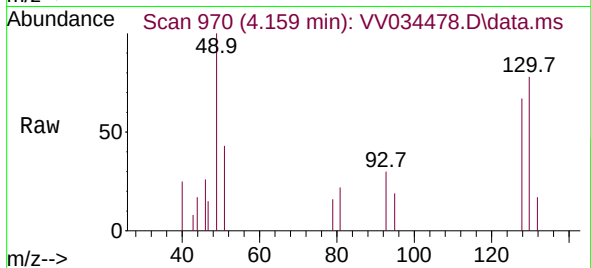
Tgt Ion:	96	Resp:	4176
Ion	Ratio	Lower	Upper
96	100		
61	147.4	96.0	178.4
98	63.7	46.0	85.4



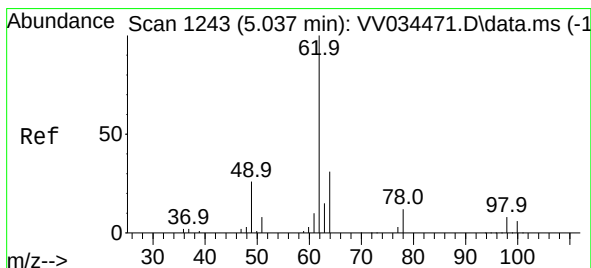
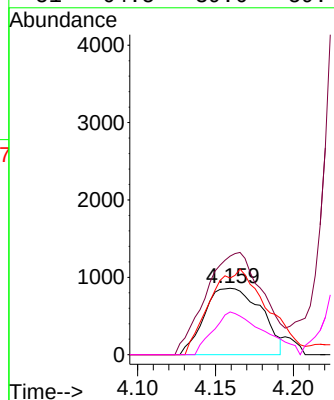
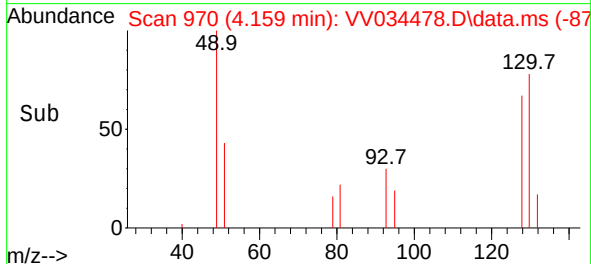


#23
Bromochloromethane
Concen: 1.926 ug/L
RT: 4.159 min Scan# 91
Delta R.T. 0.013 min
Lab File: VV034478.D
Acq: 29 Feb 2024 13:46

Instrument :
MSVOA_V
ClientSampleId :

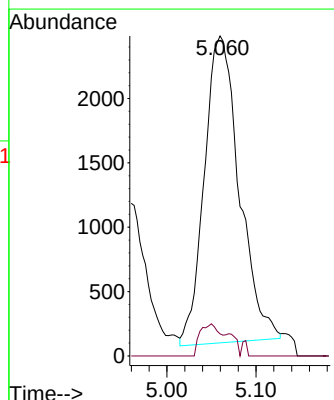
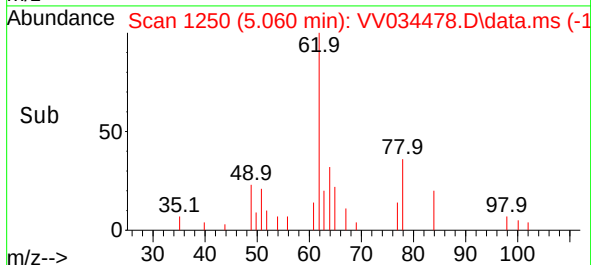
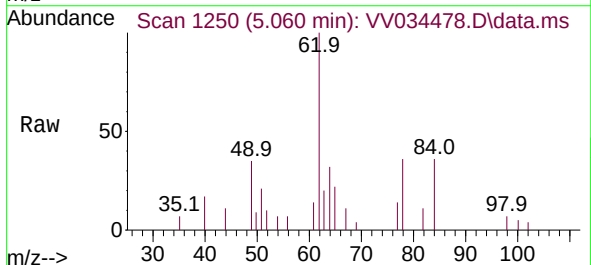


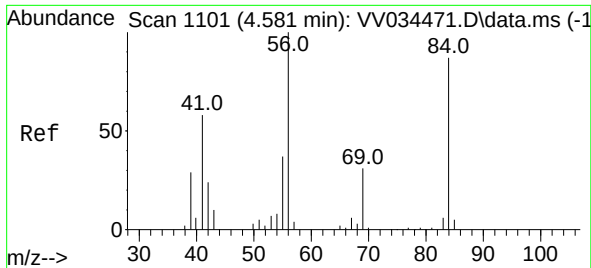
Tgt Ion:128 Resp: 2176
Ion Ratio Lower Upper
128 100
49 148.6 109.4 203.2
130 115.5 87.7 162.9
51 64.5 39.6 59.4#



#27
1,2-Dichloroethane
Concen: 1.958 ug/L
RT: 5.060 min Scan# 1250
Delta R.T. 0.022 min
Lab File: VV034478.D
Acq: 29 Feb 2024 13:46

Tgt Ion: 62 Resp: 6505
Ion Ratio Lower Upper
62 100
98 6.9 6.6 10.0





#29

Cyclohexane

Concen: 1.184 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VV034478.D

Acq: 29 Feb 2024 13:46

Instrument :

MSVOA_V

ClientSampleId :

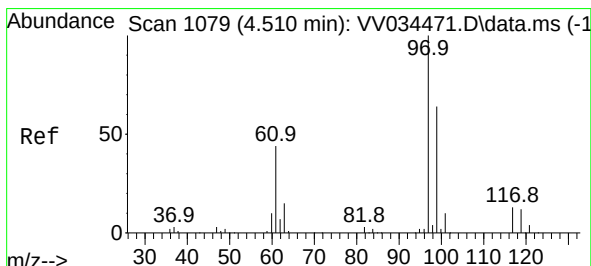
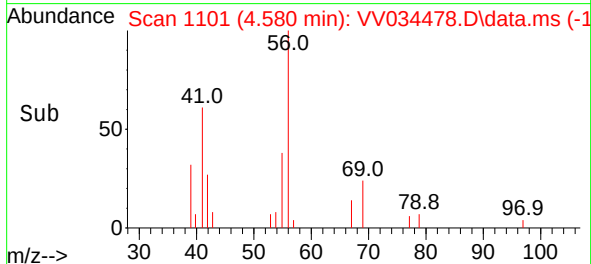
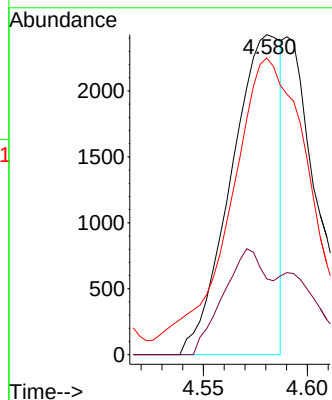
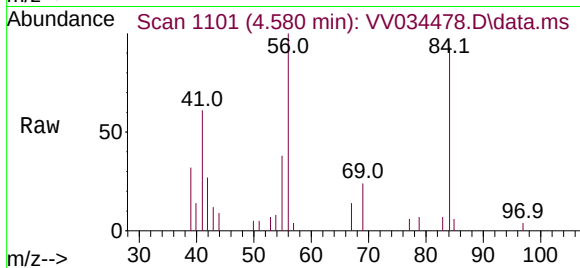
Tgt Ion: 56 Resp: 4009

Ion Ratio Lower Upper

56 100

69 30.1 24.2 36.4

84 152.0 70.5 105.7#



#30

1,1,1-Trichloroethane

Concen: 1.984 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV034478.D

Acq: 29 Feb 2024 13:46

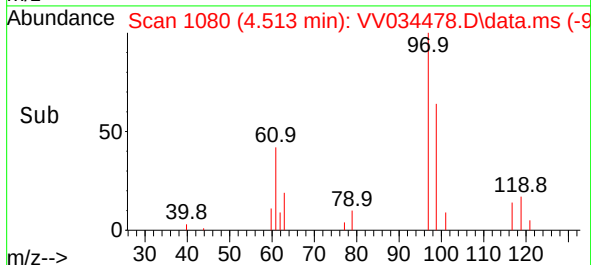
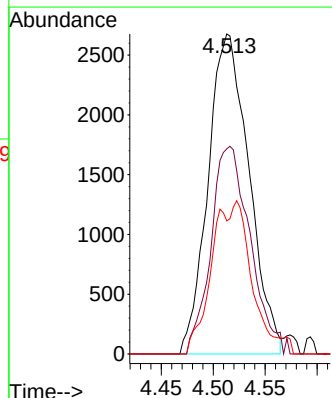
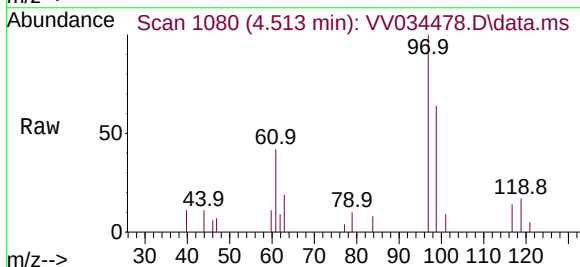
Tgt Ion: 97 Resp: 7327

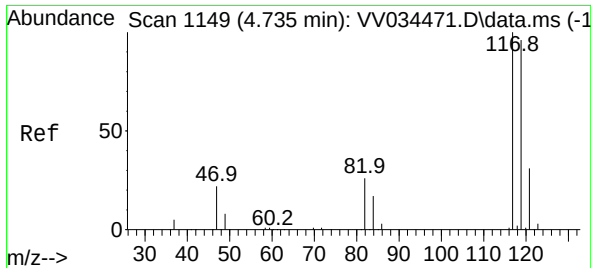
Ion Ratio Lower Upper

97 100

99 61.4 51.3 76.9

61 20.3 36.0 54.0#

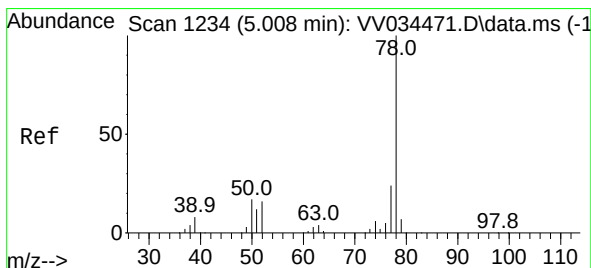
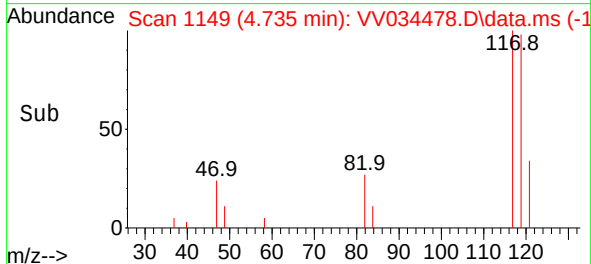
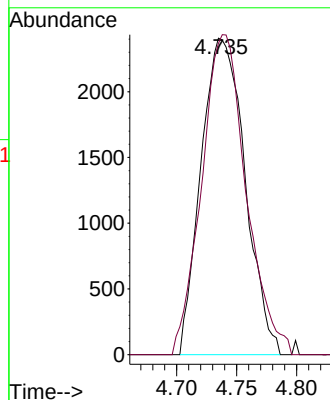
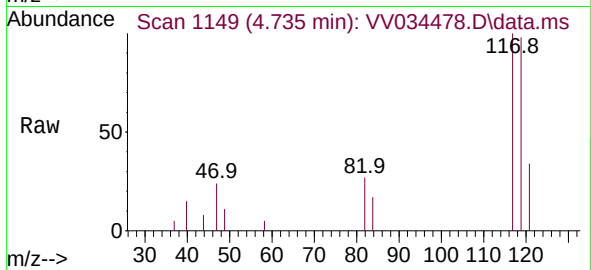




#31
Carbon tetrachloride
Concen: 1.878 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV034478.D
Acq: 29 Feb 2024 13:46

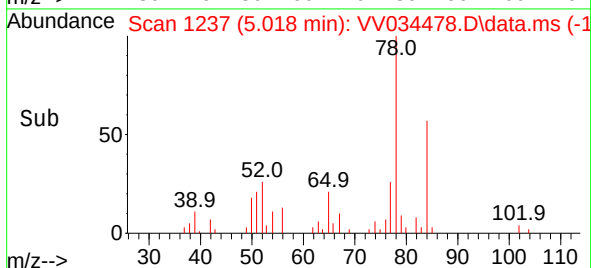
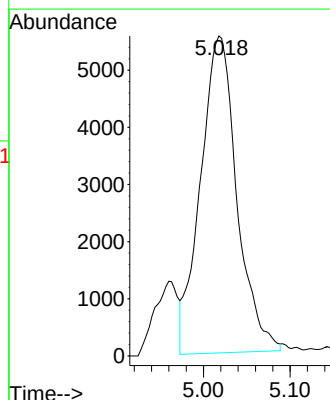
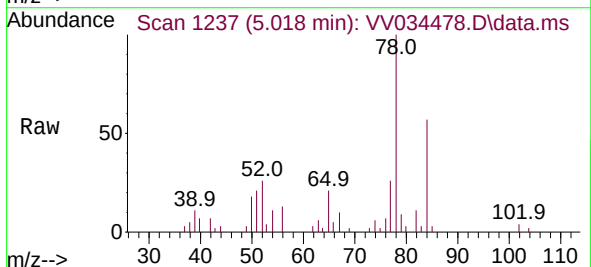
Instrument :
MSVOA_V
ClientSampleId :

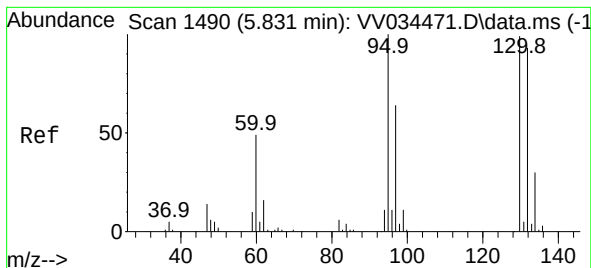
Tgt Ion:117 Resp: 6138
Ion Ratio Lower Upper
117 100
119 102.2 77.5 116.3



#33
Benzene
Concen: 2.025 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.010 min
Lab File: VV034478.D
Acq: 29 Feb 2024 13:46

Tgt Ion: 78 Resp: 16186





#34

Trichloroethene

Concen: 1.996 ug/L

RT: 5.847 min Scan# 1490

Delta R.T. 0.016 min

Lab File: VV034478.D

Acq: 29 Feb 2024 13:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 4535

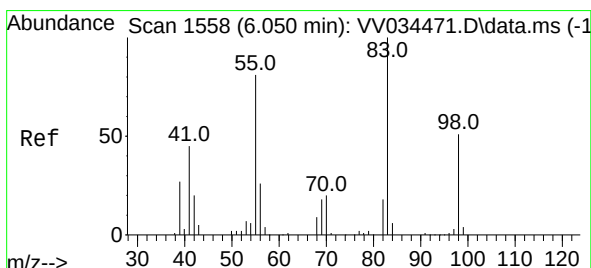
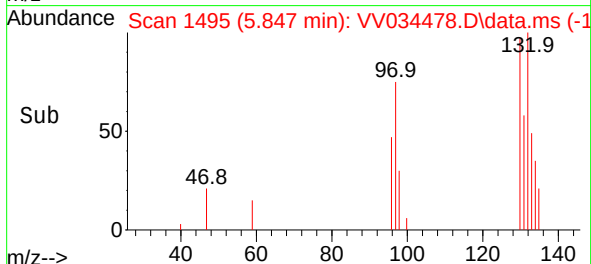
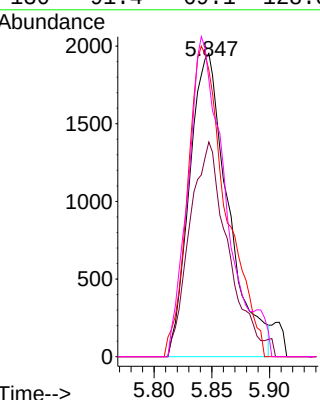
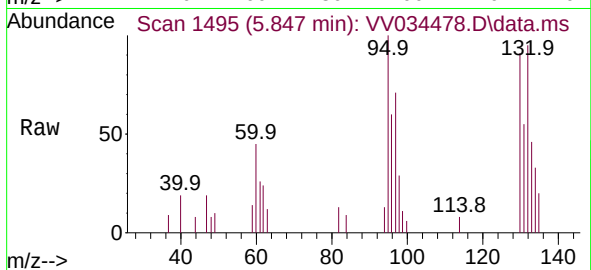
Ion Ratio Lower Upper

95 100

97 70.8 44.7 83.1

132 94.5 65.3 121.3

130 91.4 69.1 128.3



#35

Methylcyclohexane

Concen: 2.140 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.000 min

Lab File: VV034478.D

Acq: 29 Feb 2024 13:46

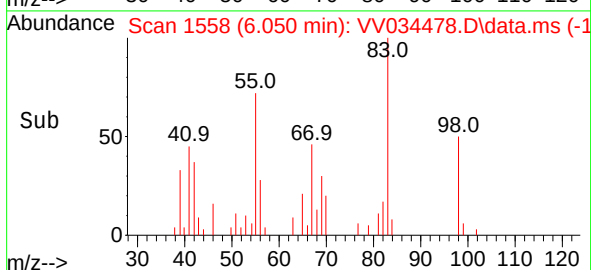
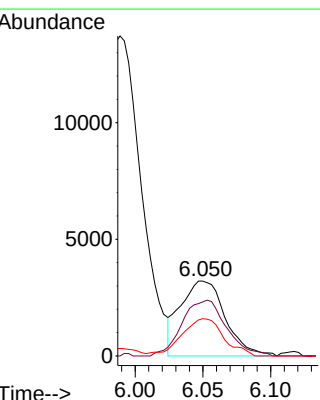
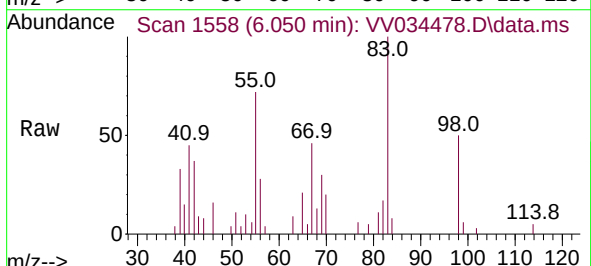
Tgt Ion: 83 Resp: 7390

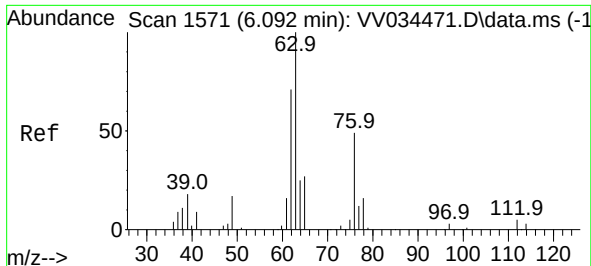
Ion Ratio Lower Upper

83 100

55 73.5 62.6 94.0

98 45.4 39.5 59.3





#37

1,2-Dichloropropane

Concen: 1.790 ug/L

RT: 6.108 min Scan# 1

Delta R.T. 0.016 min

Lab File: VV034478.D

Acq: 29 Feb 2024 13:46

Instrument :

MSVOA_V

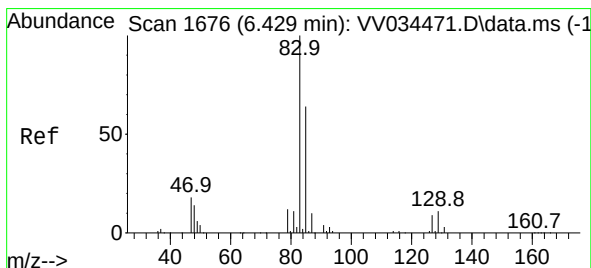
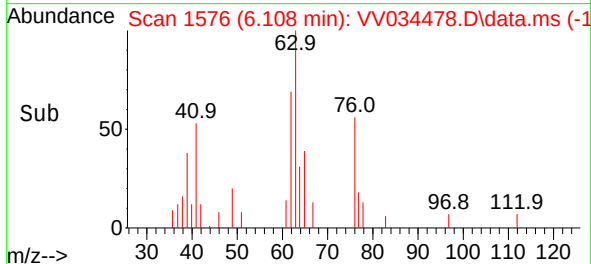
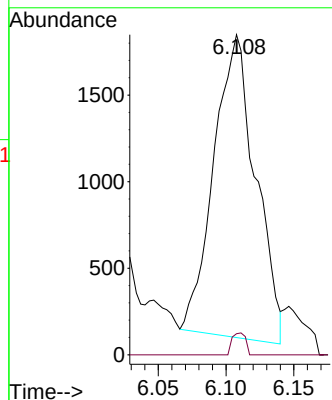
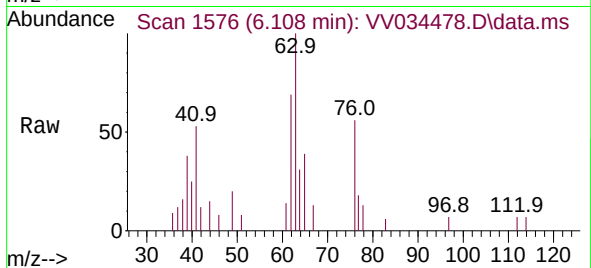
ClientSampleId :

Tgt Ion: 63 Resp: 3746

Ion Ratio Lower Upper

63 100

112 2.3 3.5 5.3#



#38

Bromodichloromethane

Concen: 1.853 ug/L

RT: 6.445 min Scan# 1681

Delta R.T. 0.016 min

Lab File: VV034478.D

Acq: 29 Feb 2024 13:46

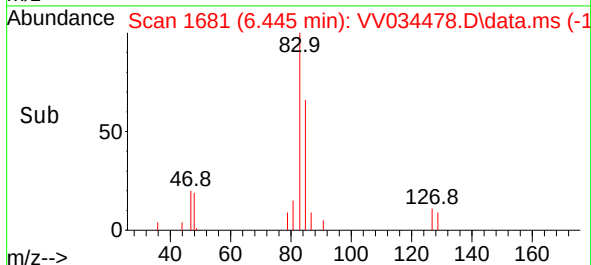
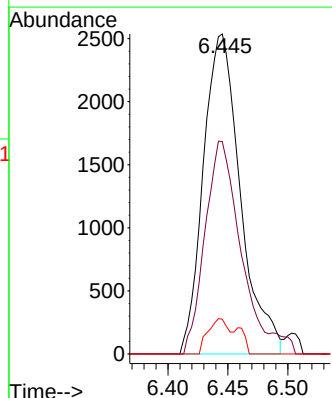
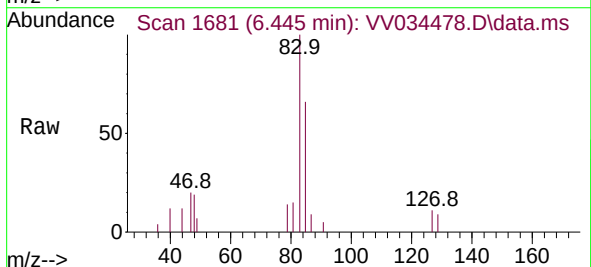
Tgt Ion: 83 Resp: 5454

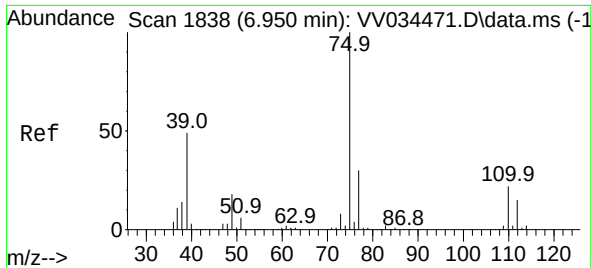
Ion Ratio Lower Upper

83 100

85 66.3 44.6 82.8

127 10.9 6.9 10.3#





#39

cis-1,3-Dichloropropene

Concen: 1.716 ug/L

RT: 6.966 min Scan# 11

Delta R.T. 0.016 min

Lab File: VV034478.D

Acq: 29 Feb 2024 13:46

Instrument :

MSVOA_V

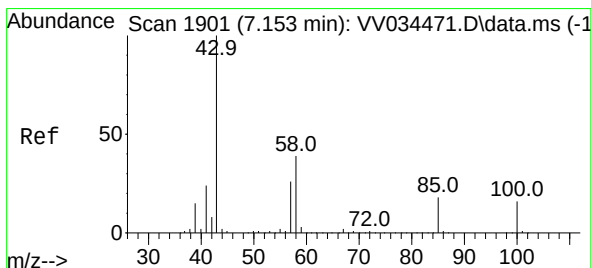
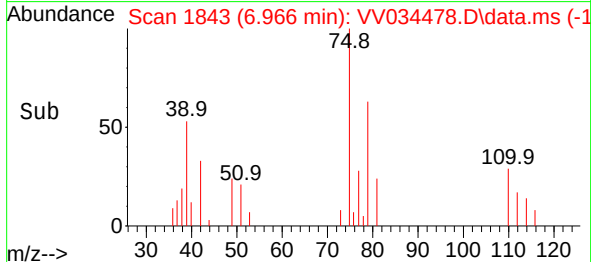
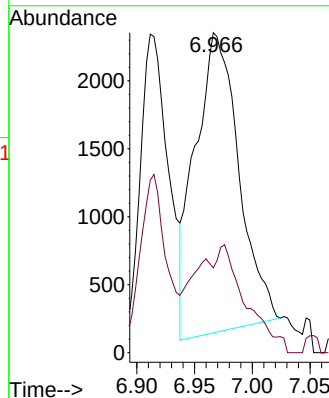
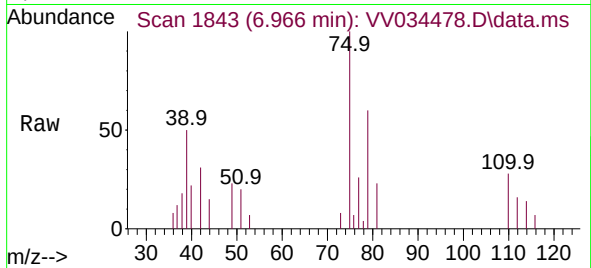
ClientSampleId :

Tgt Ion: 75 Resp: 5817

Ion Ratio Lower Upper

75 100

77 26.5 20.9 38.9



#40

4-Methyl-2-pentanone

Concen: 3.732 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. 0.016 min

Lab File: VV034478.D

Acq: 29 Feb 2024 13:46

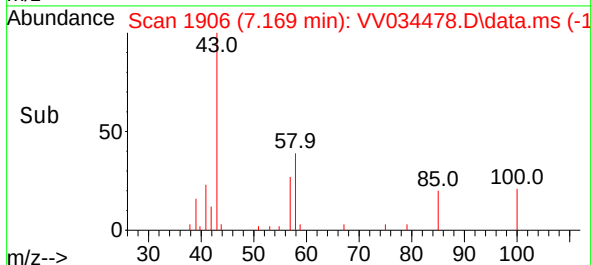
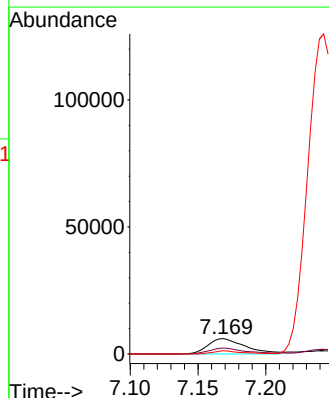
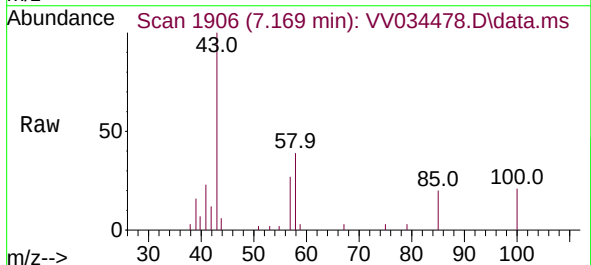
Tgt Ion: 43 Resp: 11516

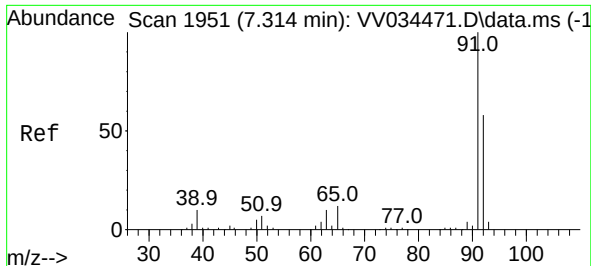
Ion Ratio Lower Upper

43 100

58 36.8 30.6 46.0

100 16.3 12.5 18.7





#42

Toluene

Concen: 1.990 ug/L

RT: 7.326 min Scan# 1951

Delta R.T. 0.013 min

Lab File: VV034478.D

Acq: 29 Feb 2024 13:46

Instrument :

MSVOA_V

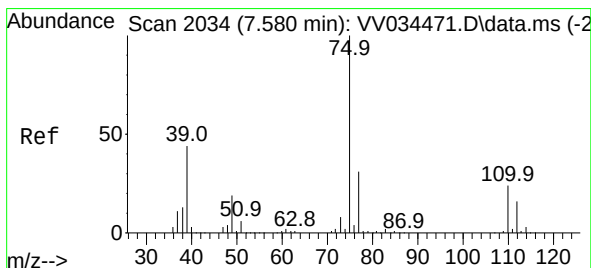
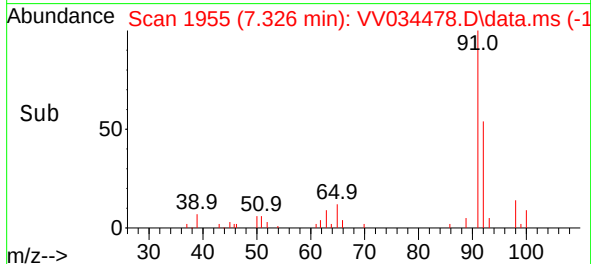
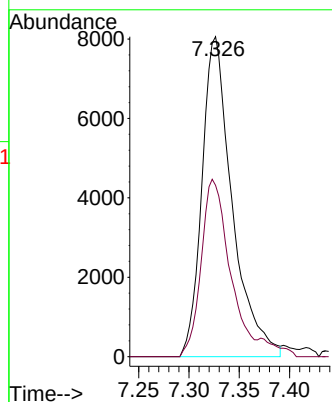
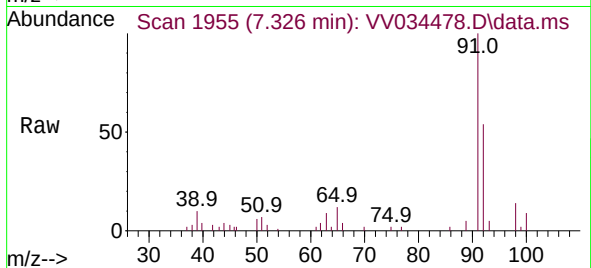
ClientSampleId :

Tgt Ion: 91 Resp: 16837

Ion Ratio Lower Upper

91 100

92 53.6 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 1.789 ug/L

RT: 7.593 min Scan# 2038

Delta R.T. 0.013 min

Lab File: VV034478.D

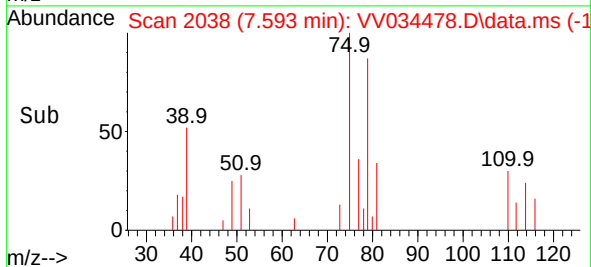
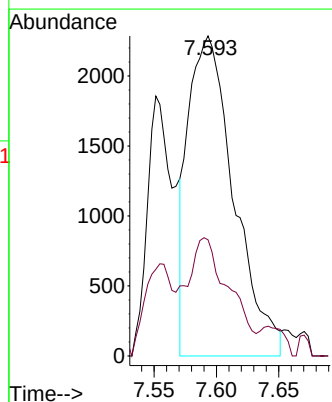
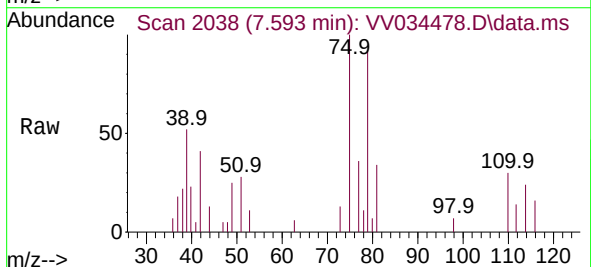
Acq: 29 Feb 2024 13:46

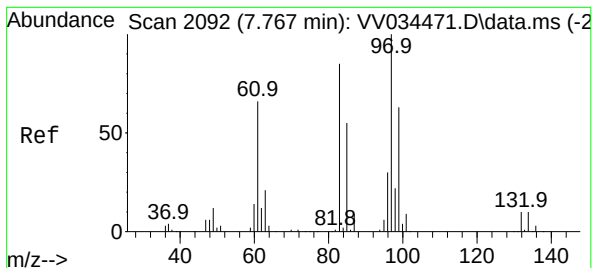
Tgt Ion: 75 Resp: 5832

Ion Ratio Lower Upper

75 100

77 36.3 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 2.060 ug/L

RT: 7.776 min Scan# 2092

Delta R.T. 0.010 min

Lab File: VV034478.D

Acq: 29 Feb 2024 13:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 4160

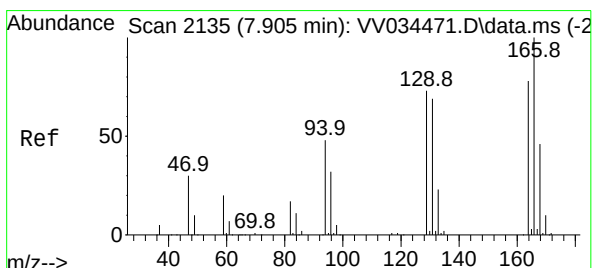
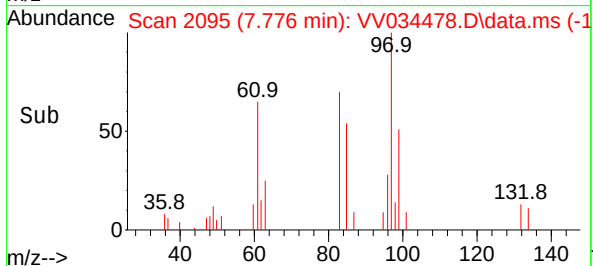
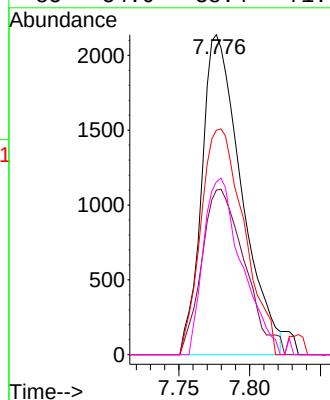
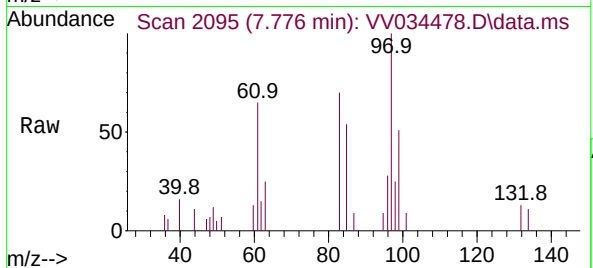
Ion Ratio Lower Upper

97 100

99 51.4 43.8 81.4

83 70.2 59.4 110.2

85 54.0 38.4 71.4



#46

Tetrachloroethene

Concen: 1.741 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. 0.006 min

Lab File: VV034478.D

Acq: 29 Feb 2024 13:46

Tgt Ion: 164 Resp: 2942

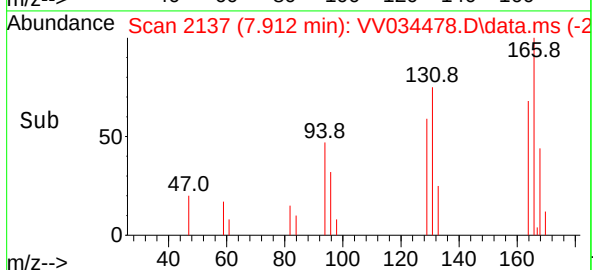
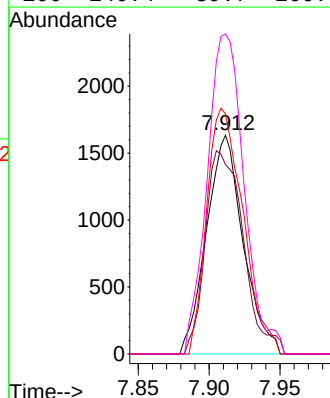
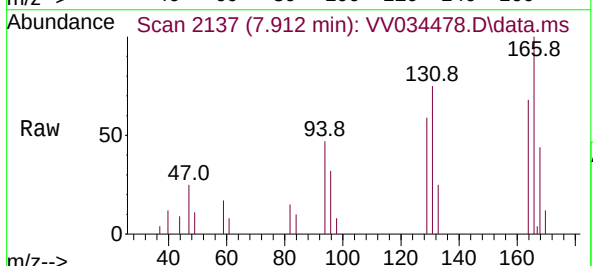
Ion Ratio Lower Upper

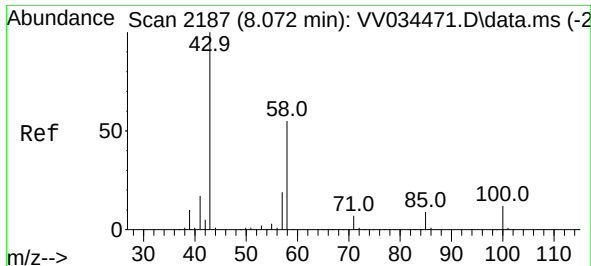
164 100

129 86.6 65.7 121.9

131 109.9 62.2 115.6

166 146.4 89.7 166.7

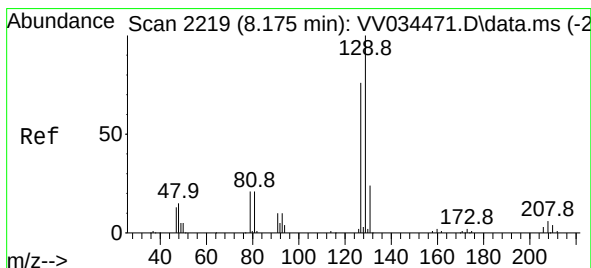
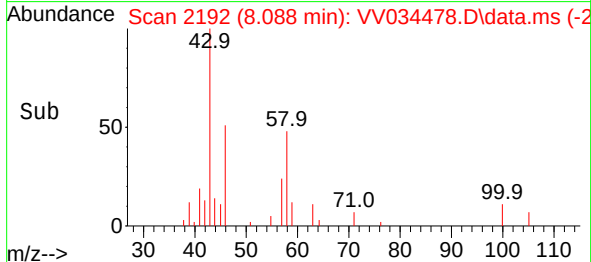
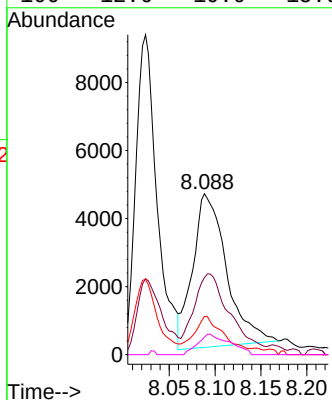
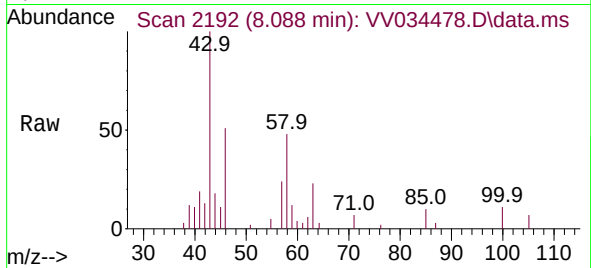




#48
2-Hexanone
Concen: 4.712 ug/L
RT: 8.088 min Scan# 2187
Delta R.T. 0.016 min
Lab File: VV034478.D
Acq: 29 Feb 2024 13:46

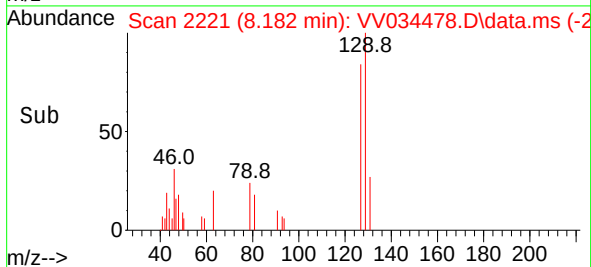
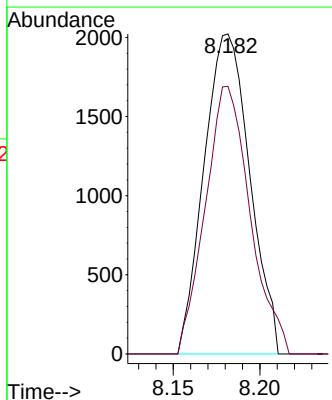
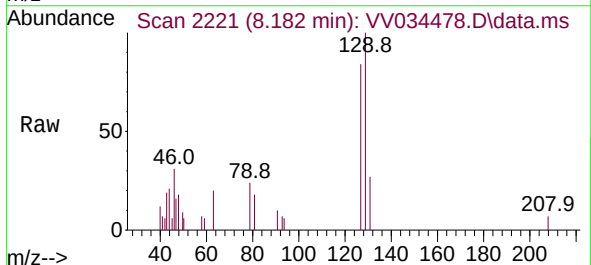
Instrument :
MSVOA_V
ClientSampleId :

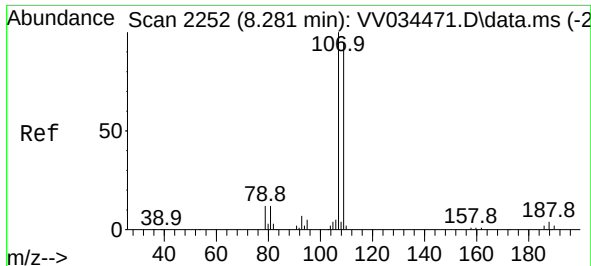
Tgt Ion: 43 Resp: 11585
Ion Ratio Lower Upper
43 100
58 57.0 42.0 63.0
57 17.5 15.2 22.8
100 12.6 10.0 15.0



#49
Dibromochloromethane
Concen: 1.746 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.006 min
Lab File: VV034478.D
Acq: 29 Feb 2024 13:46

Tgt Ion: 129 Resp: 3720
Ion Ratio Lower Upper
129 100
127 83.6 53.3 98.9

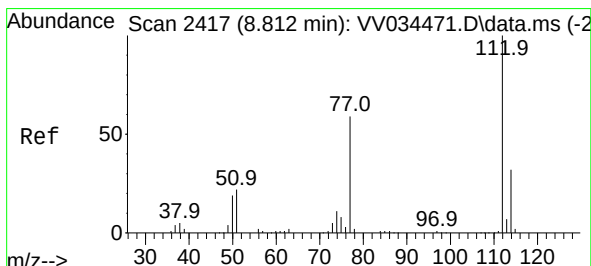
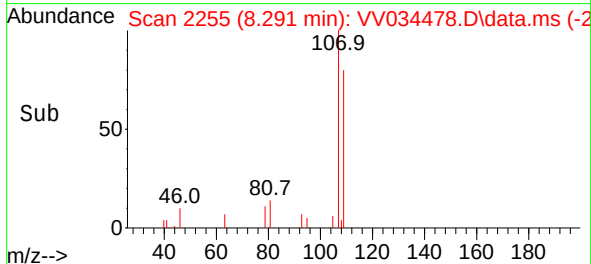
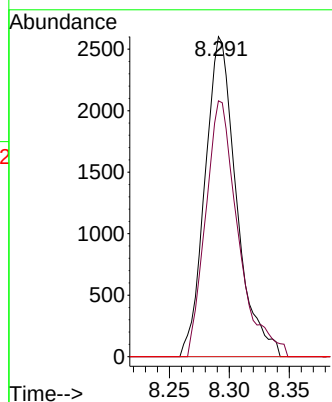
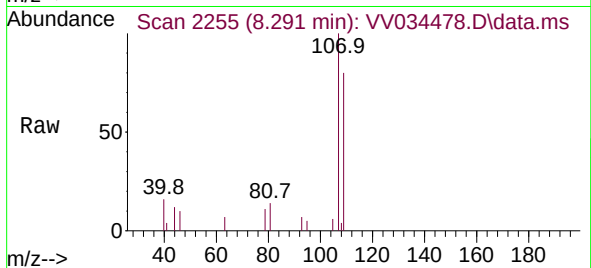




#50
1,2-Dibromoethane
Concen: 2.213 ug/L
RT: 8.291 min Scan# 2419
Delta R.T. 0.010 min
Lab File: VV034478.D
Acq: 29 Feb 2024 13:46

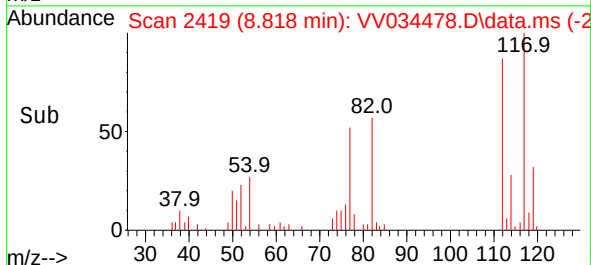
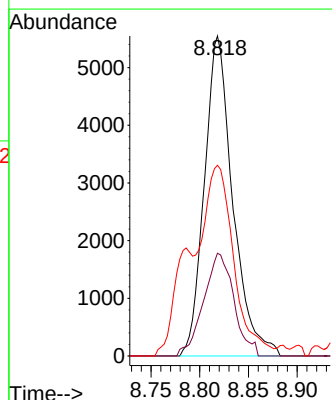
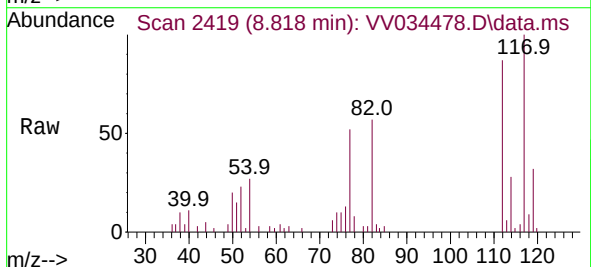
Instrument :
MSVOA_V
ClientSampleId :

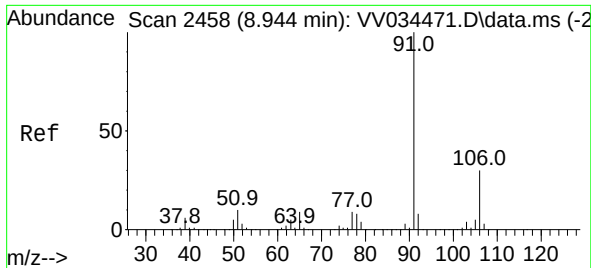
Tgt Ion:107 Resp: 4742
Ion Ratio Lower Upper
107 100
109 79.9 66.5 123.5
188 0.0 3.4 5.2#



#51
Chlorobenzene
Concen: 2.058 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.006 min
Lab File: VV034478.D
Acq: 29 Feb 2024 13:46

Tgt Ion:112 Resp: 11255
Ion Ratio Lower Upper
112 100
114 32.1 22.3 41.5
77 59.6 47.7 71.5





#52

Ethylbenzene

Concen: 1.868 ug/L

RT: 8.953 min Scan# 2458

Delta R.T. 0.010 min

Lab File: VV034478.D

Acq: 29 Feb 2024 13:46

Instrument :

MSVOA_V

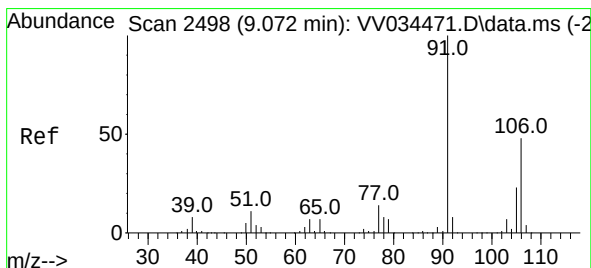
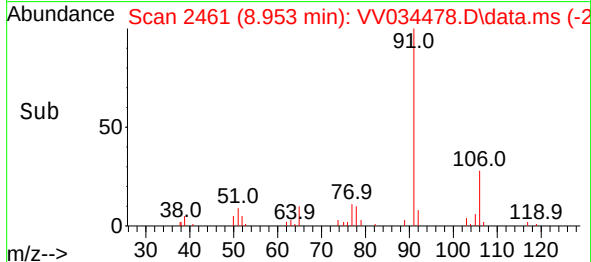
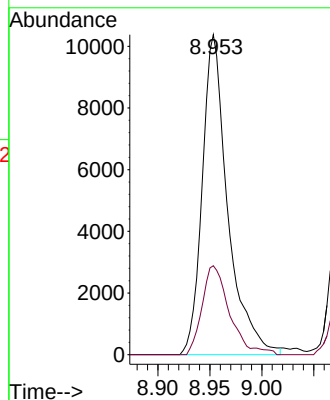
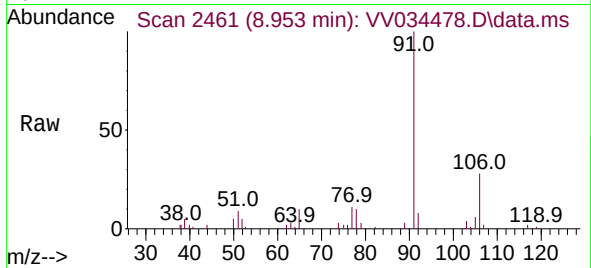
ClientSampleId :

Tgt Ion: 91 Resp: 17705

Ion Ratio Lower Upper

91 100

106 27.8 21.3 39.5



#53

m,p-Xylene

Concen: 1.817 ug/L

RT: 9.082 min Scan# 2501

Delta R.T. 0.010 min

Lab File: VV034478.D

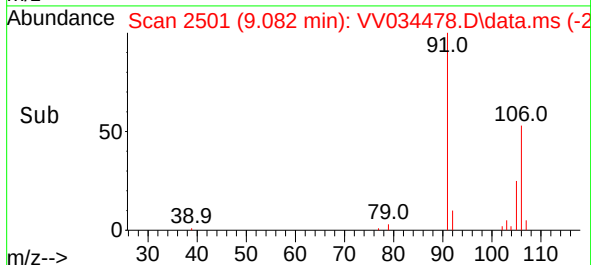
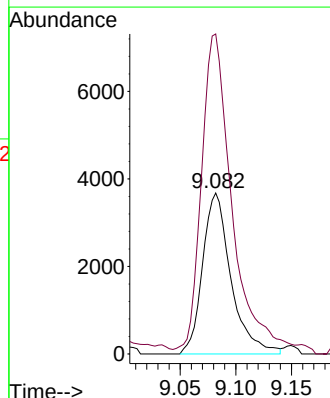
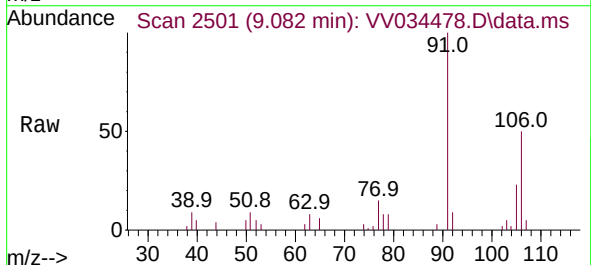
Acq: 29 Feb 2024 13:46

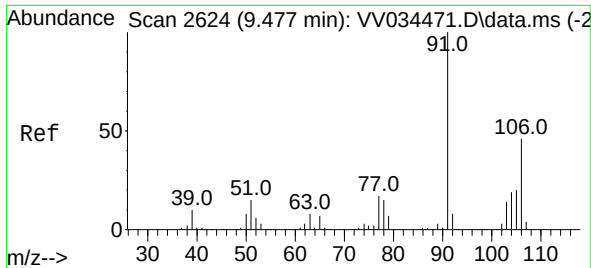
Tgt Ion:106 Resp: 6534

Ion Ratio Lower Upper

106 100

91 198.7 145.3 269.9

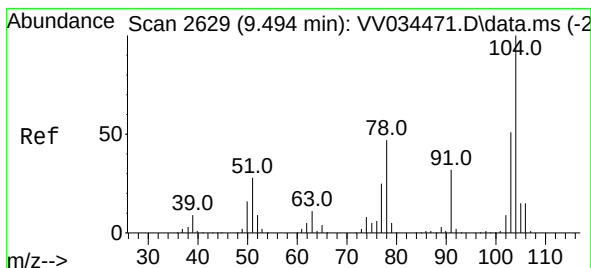
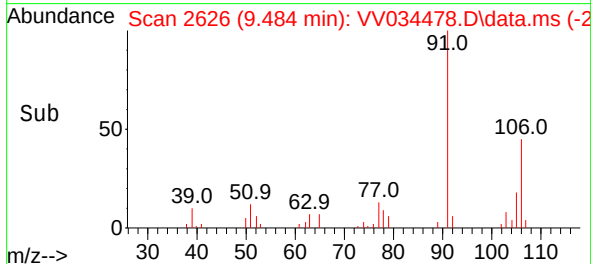
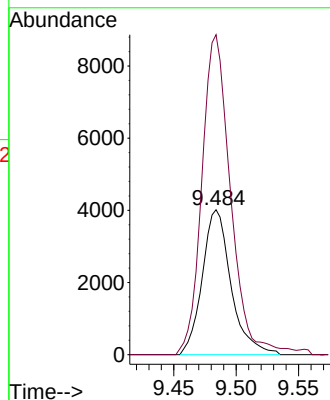
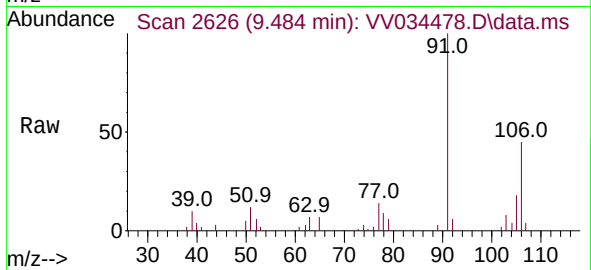




#54
o-Xylene
Concen: 1.836 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.006 min
Lab File: VV034478.D
Acq: 29 Feb 2024 13:46

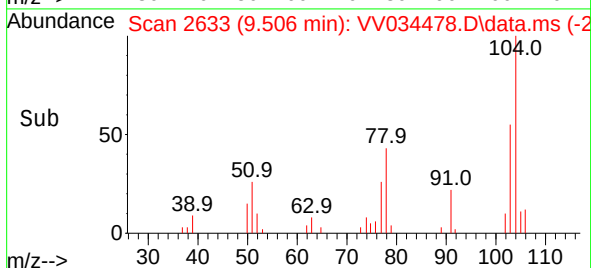
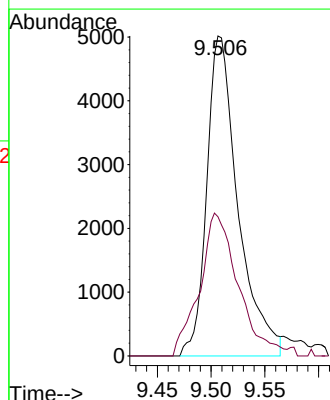
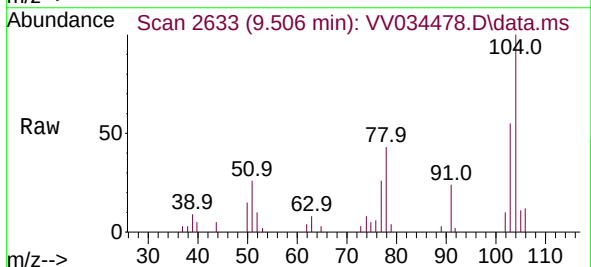
Instrument :
MSVOA_V
ClientSampleId :

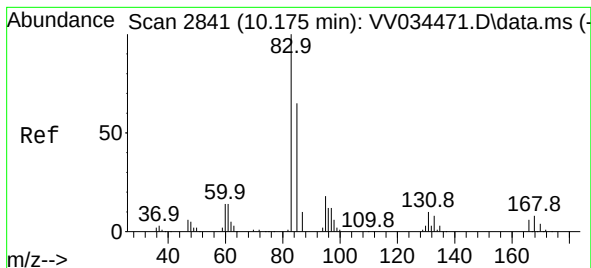
Tgt Ion:106 Resp: 6467
Ion Ratio Lower Upper
106 100
91 220.8 152.2 282.7



#55
Styrene
Concen: 1.701 ug/L
RT: 9.506 min Scan# 2633
Delta R.T. 0.013 min
Lab File: VV034478.D
Acq: 29 Feb 2024 13:46

Tgt Ion:104 Resp: 10146
Ion Ratio Lower Upper
104 100
78 43.5 33.0 61.4

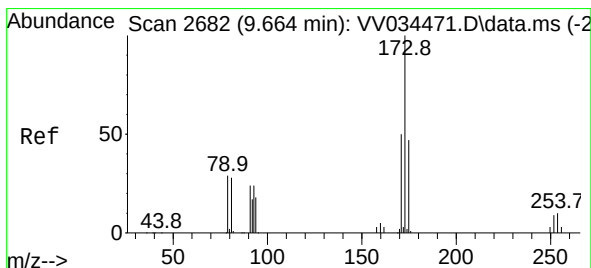
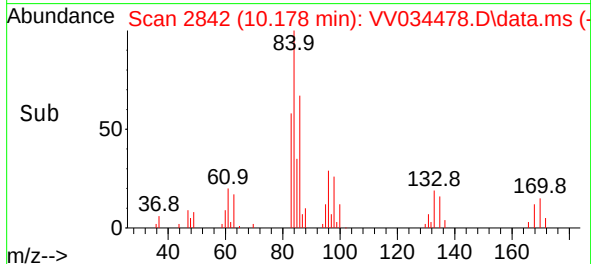
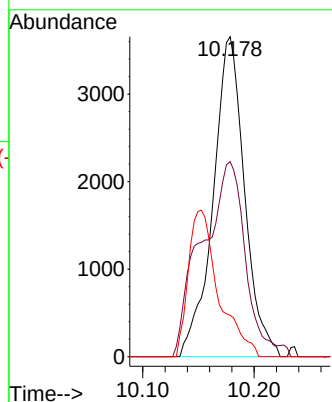
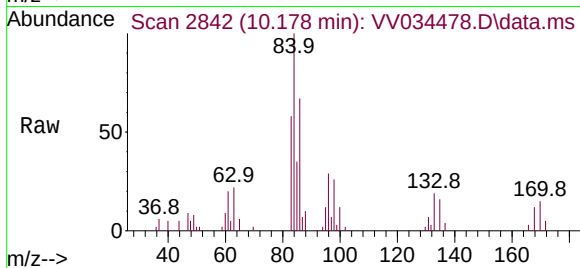




#57
1,1,2,2-Tetrachloroethane
Concen: 2.363 ug/L
RT: 10.178 min Scan# 2841
Delta R.T. 0.003 min
Lab File: VV034478.D
Acq: 29 Feb 2024 13:46

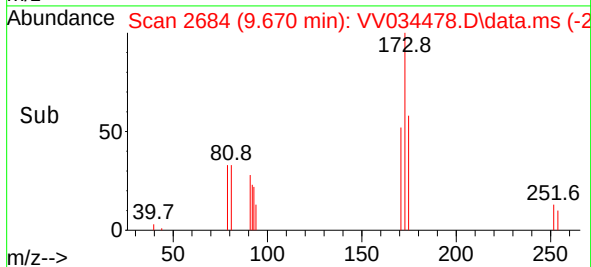
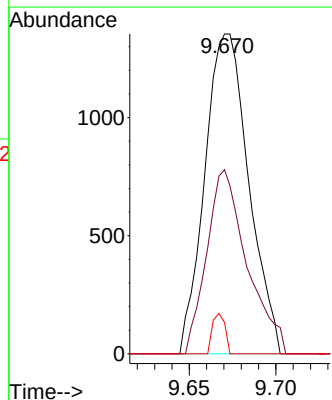
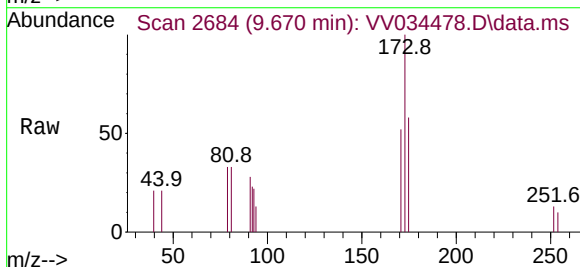
Instrument :
MSVOA_V
ClientSampleId :

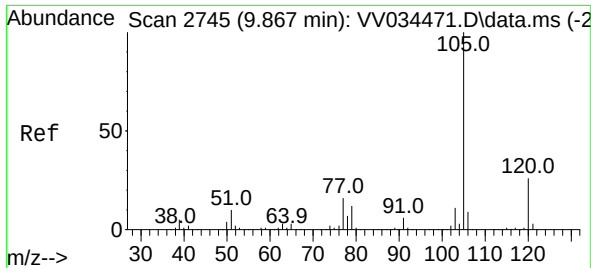
Tgt Ion: 83 Resp: 7165
Ion Ratio Lower Upper
83 100
85 61.0 45.4 84.2
131 18.9 8.3 12.5#



#59
Bromoform
Concen: 1.719 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.006 min
Lab File: VV034478.D
Acq: 29 Feb 2024 13:46

Tgt Ion: 173 Resp: 2389
Ion Ratio Lower Upper
173 100
175 52.8 39.1 58.7
254 3.6 7.8 11.8#

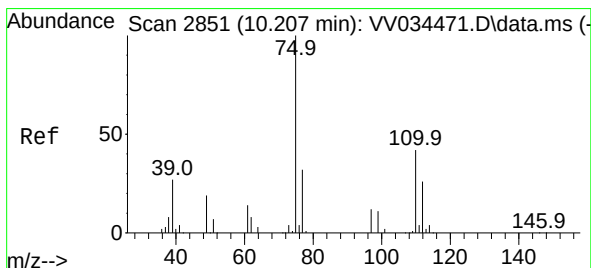
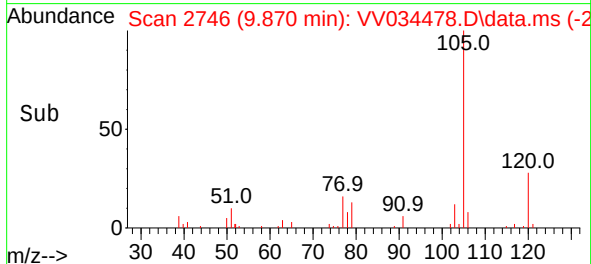
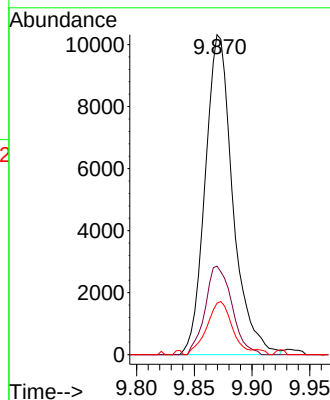
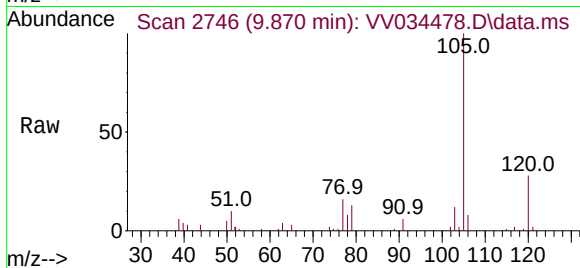




#60
Isopropylbenzene
Concen: 1.937 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034478.D
Acq: 29 Feb 2024 13:46

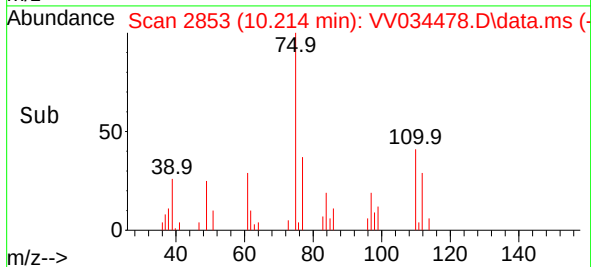
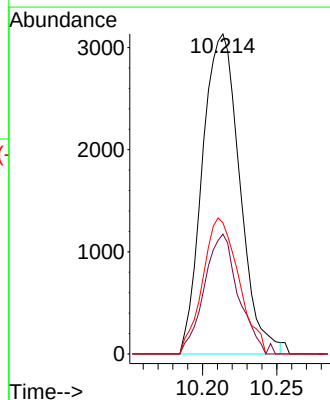
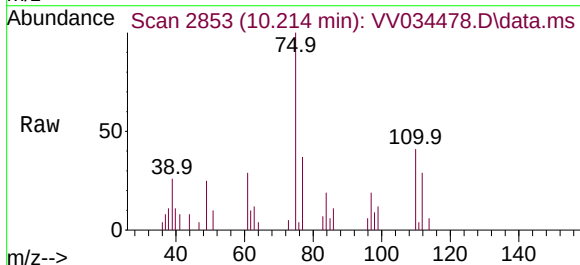
Instrument :
MSVOA_V
ClientSampleId :

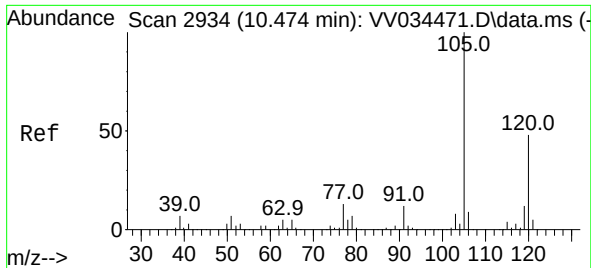
Tgt Ion:105 Resp: 17172
Ion Ratio Lower Upper
105 100
120 26.8 20.8 31.2
77 15.1 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 2.290 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.006 min
Lab File: VV034478.D
Acq: 29 Feb 2024 13:46

Tgt Ion: 75 Resp: 5478
Ion Ratio Lower Upper
75 100
77 33.9 25.9 38.9
110 41.0 33.1 49.7





#62

1,3,5-Trimethylbenzene

Concen: 1.847 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. 0.003 min

Lab File: VV034478.D

Acq: 29 Feb 2024 13:46

Instrument :

MSVOA_V

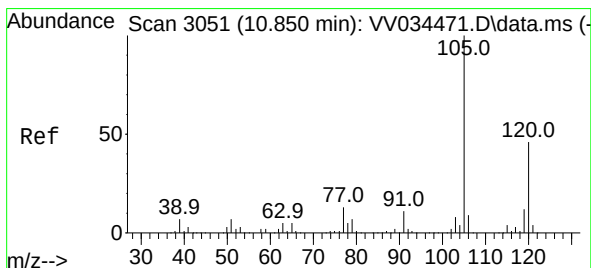
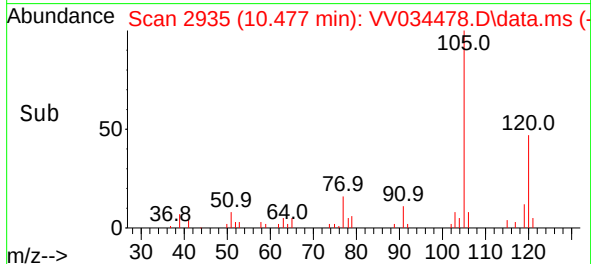
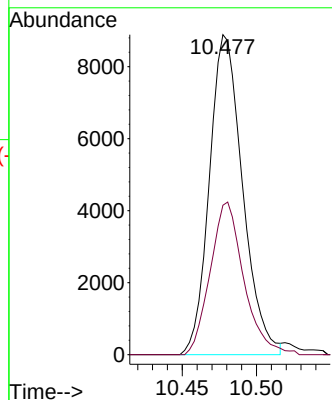
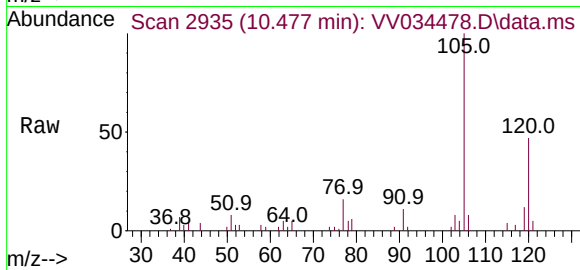
ClientSampleId :

Tgt Ion:105 Resp: 13814

Ion Ratio Lower Upper

105 100

120 48.2 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 1.965 ug/L

RT: 10.854 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VV034478.D

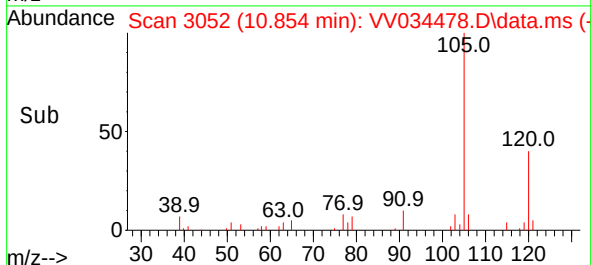
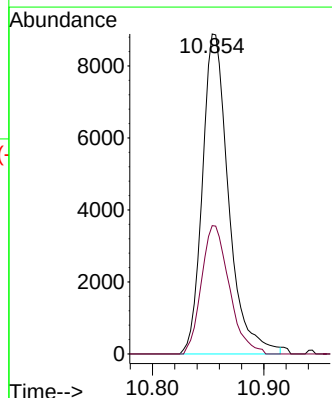
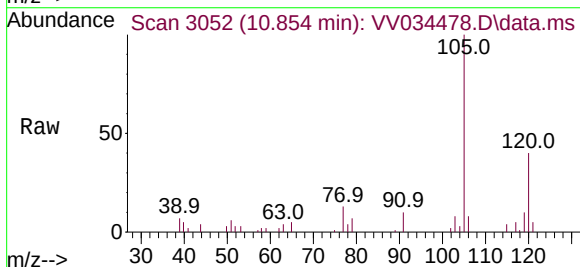
Acq: 29 Feb 2024 13:46

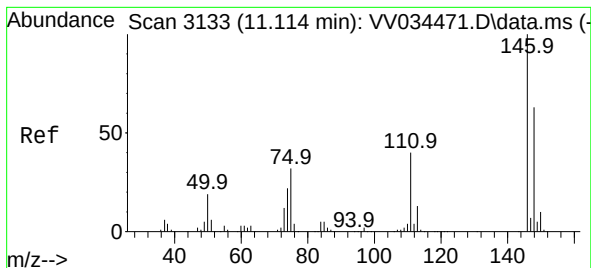
Tgt Ion:105 Resp: 14530

Ion Ratio Lower Upper

105 100

120 42.5 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 2.003 ug/L

RT: 11.124 min Scan# 3133

Delta R.T. 0.010 min

Lab File: VV034478.D

Acq: 29 Feb 2024 13:46

Instrument :

MSVOA_V

ClientSampleId :

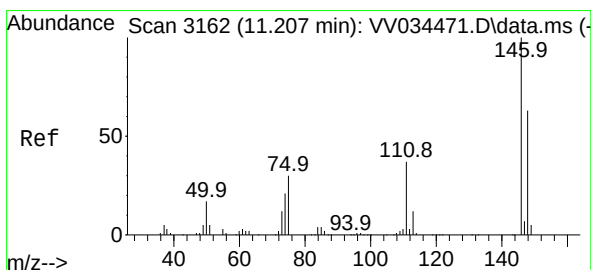
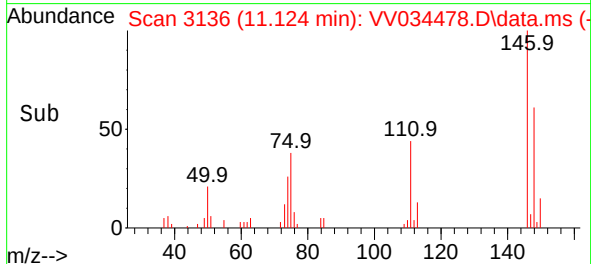
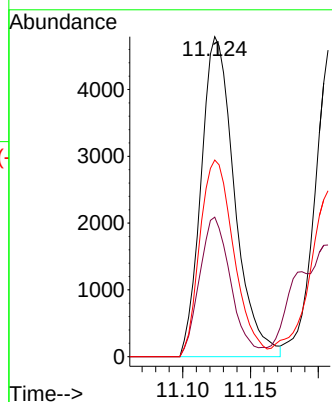
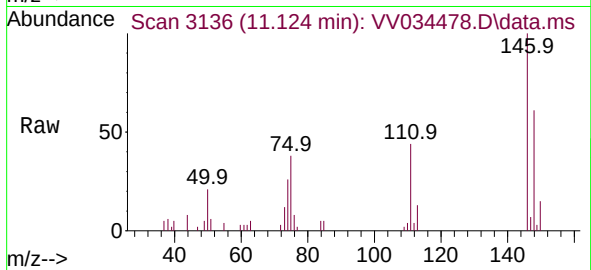
Tgt Ion:146 Resp: 8211

Ion Ratio Lower Upper

146 100

111 43.6 27.9 51.7

148 61.4 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 2.044 ug/L

RT: 11.214 min Scan# 3164

Delta R.T. 0.006 min

Lab File: VV034478.D

Acq: 29 Feb 2024 13:46

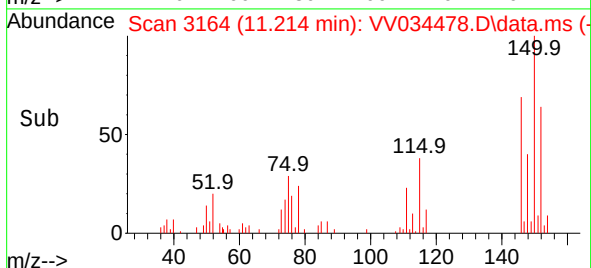
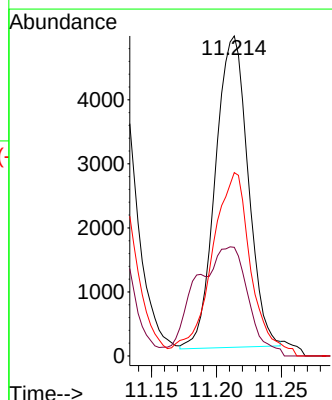
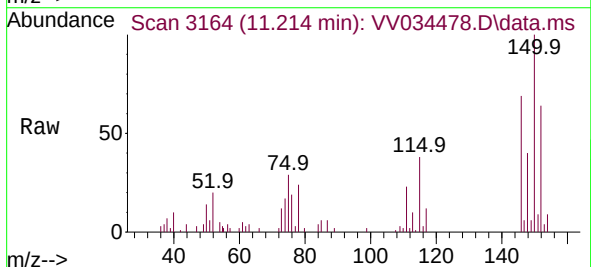
Tgt Ion:146 Resp: 8506

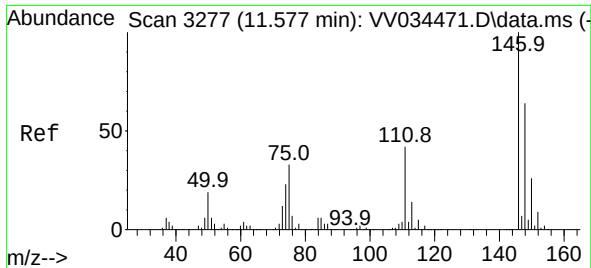
Ion Ratio Lower Upper

146 100

111 33.9 26.5 49.1

148 57.3 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 2.199 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034478.D

Acq: 29 Feb 2024 13:46

Instrument :

MSVOA_V

ClientSampleId :

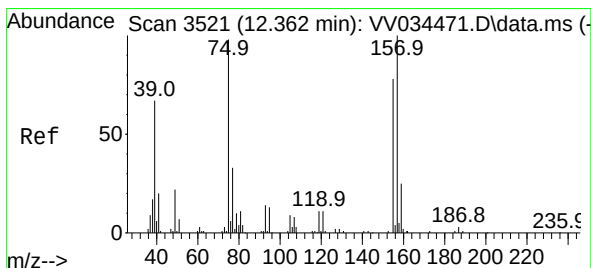
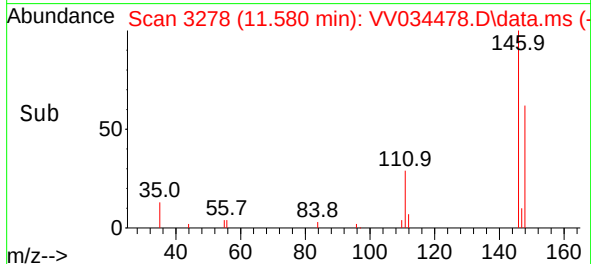
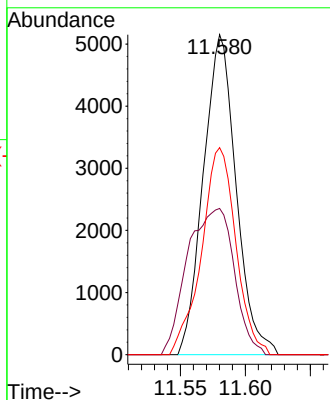
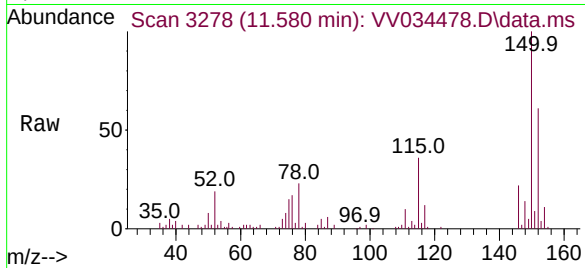
Tgt Ion:146 Resp: 9031

Ion Ratio Lower Upper

146 100

111 45.7 33.8 50.8

148 64.7 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 1.849 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.006 min

Lab File: VV034478.D

Acq: 29 Feb 2024 13:46

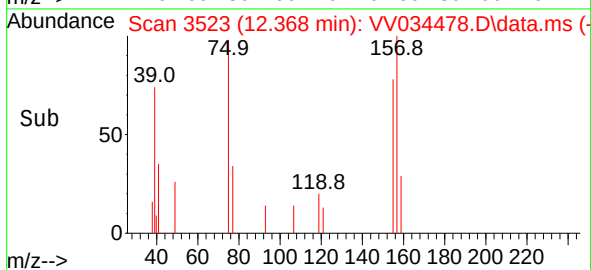
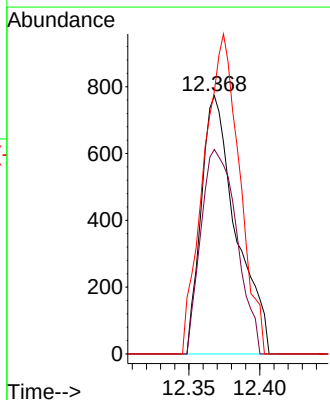
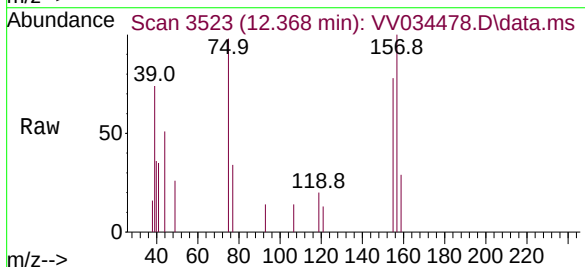
Tgt Ion: 75 Resp: 1318

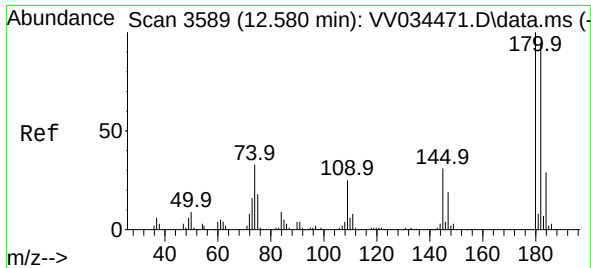
Ion Ratio Lower Upper

75 100

155 79.2 63.3 94.9

157 101.7 81.4 122.0





#69

1,3,5-Trichlorobenzene

Concen: 1.891 ug/L

RT: 12.587 min Scan# 3591

Delta R.T. 0.006 min

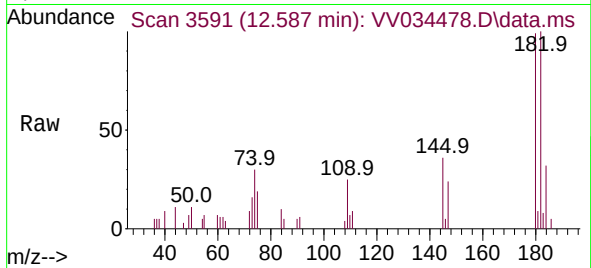
Lab File: VV034478.D

Acq: 29 Feb 2024 13:46

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 5816

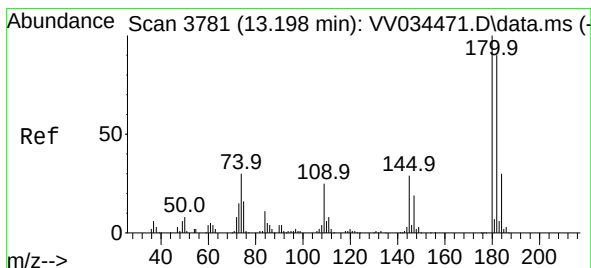
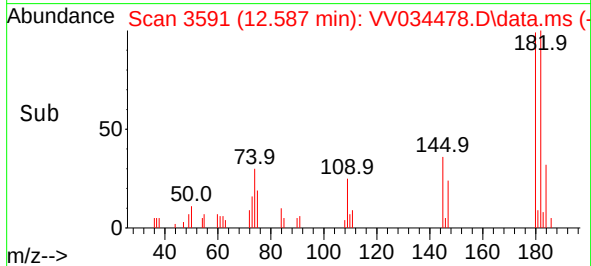
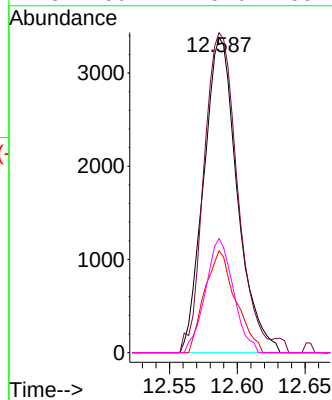
Ion Ratio Lower Upper

180 100

182 100.9 74.6 112.0

184 29.7 23.6 35.4

145 30.2 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 1.961 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.006 min

Lab File: VV034478.D

Acq: 29 Feb 2024 13:46

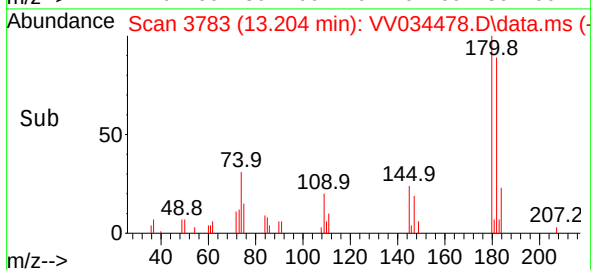
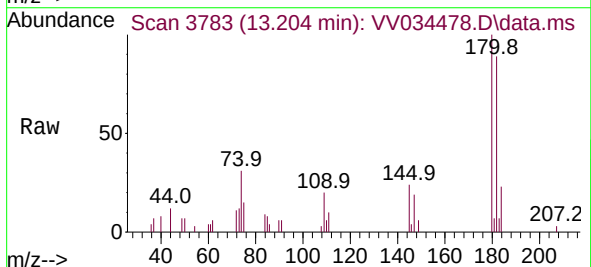
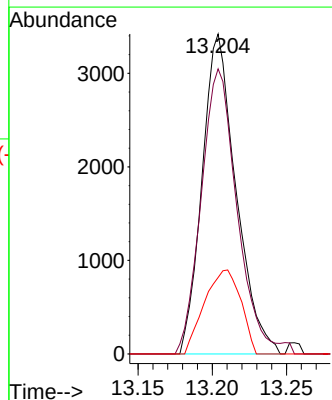
Tgt Ion:180 Resp: 5427

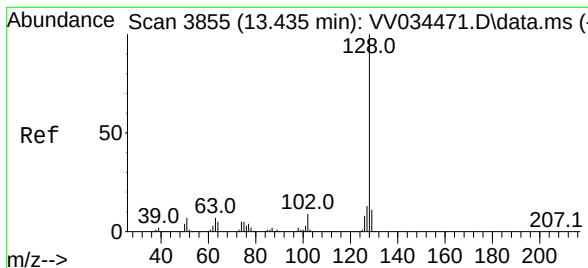
Ion Ratio Lower Upper

180 100

182 93.8 74.8 112.2

145 28.0 24.2 36.4





#71

Naphthalene

Concen: 2.174 ug/L

RT: 13.445 min Scan# 3855

Delta R.T. 0.010 min

Lab File: VV034478.D

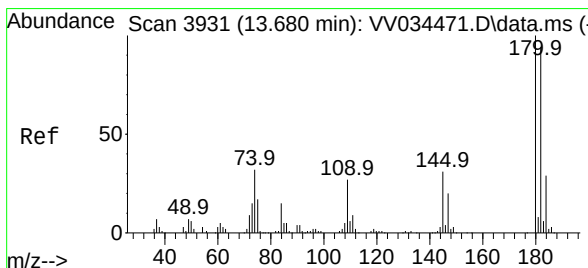
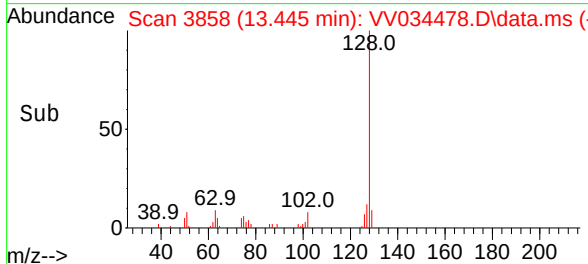
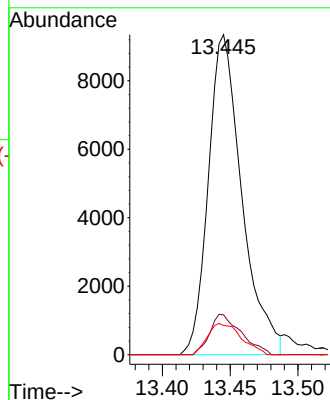
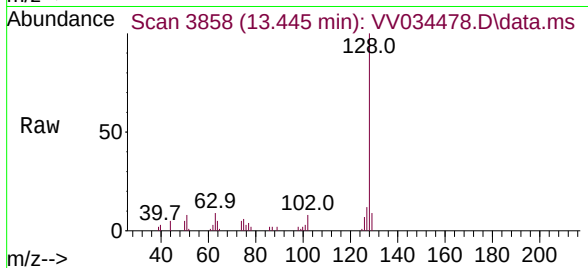
Acq: 29 Feb 2024 13:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	16091
Ion Ratio	Lower	Upper
128	100	
127	11.8	10.3 15.5
129	9.8	8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 2.010 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.003 min

Lab File: VV034478.D

Acq: 29 Feb 2024 13:46

Tgt Ion:180	Resp:	5424
Ion Ratio	Lower	Upper
180	100	
182	101.8	75.9 113.9
145	32.1	25.5 38.3

