

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031879.D
 Acq On : 23 Aug 2023 19:59
 Operator : SY/MD
 Sample : VSTD00173
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 24 04:24:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 24 04:23:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	120660	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	114043	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	60706	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	4346	1.066	ug/L	0.00
7) Chloroethane-d5	1.536	69	4509	0.966	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	2474	1.032	ug/L	0.00
20) 2-Butanone-d5	3.857	46	5493	2.758	ug/L	0.04
24) Chloroform-d	4.259	84	14275	1.035	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.957	65	7174	1.009	ug/L	0.00
32) Benzene-d6	4.970	84	26626	1.026	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	9027	0.986	ug/L	0.00
41) Toluene-d8	7.252	98	24106	1.001	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.567	79	3142	0.942	ug/L	0.00
46) 2-Hexanone-d5	8.040	63	13113	7.370	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	6257	0.953	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	9749	0.992	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	6796	0.986	ug/L	100
3) Chloromethane	1.217	50	7408	1.003	ug/L	97
5) Vinyl chloride	1.285	62	7606	1.005	ug/L	98
6) Bromomethane	1.491	94	4752	1.005	ug/L	94
8) Chloroethane	1.552	64	4807	0.995	ug/L	91
9) Trichlorofluoromethane	1.716	101	9823	1.006	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	6170	1.060	ug/L	96
12) 1,1-Dichloroethene	2.072	96	5386	0.992	ug/L	91
13) Acetone	2.146	43	5888	4.710	ug/L	77
14) Carbon disulfide	2.243	76	14427	0.944	ug/L	100
15) Methyl Acetate	2.394	43	1935	0.817	ug/L #	82
16) Methylene chloride	2.449	84	10153	1.149	ug/L	96
17) Methyl tert-butyl Ether	2.712	73	15723	0.933	ug/L	97
18) trans-1,2-Dichloroethene	2.699	96	5929	0.963	ug/L	94
19) 1,1-Dichloroethane	3.117	63	12351	0.974	ug/L	97
21) 2-Butanone	3.937	43	10046	6.193	ug/L #	72
22) cis-1,2-Dichloroethene	3.828	96	7084	0.999	ug/L	96
23) Bromochloromethane	4.162	128	2643	0.939	ug/L	96
25) Chloroform	4.288	83	12604	0.975	ug/L	96
27) 1,2-Dichloroethane	5.056	62	7223	0.934	ug/L	98
29) 1,1,1-Trichloroethane	4.523	97	11407	1.036	ug/L	96
30) Cyclohexane	4.587	56	11452	1.012	ug/L	97
31) Carbon tetrachloride	4.741	117	9134	1.025	ug/L	95
33) Benzene	5.021	78	25997	0.990	ug/L	100
34) Trichloroethene	5.844	95	7343	0.956	ug/L	97
35) Methylcyclohexane	6.053	83	11859	1.061	ug/L	96
37) 1,2-Dichloropropane	6.101	63	7335	1.013	ug/L	98
38) Bromodichloromethane	6.439	83	9039	0.965	ug/L	94
39) cis-1,3-Dichloropropene	6.969	75	9679	0.879	ug/L	100
40) 4-Methyl-2-pentanone	7.169	43	36936	8.142	ug/L	92
42) Toluene	7.323	91	28325	0.971	ug/L	100
44) trans-1,3-Dichloropropene	7.593	75	8809	0.958	ug/L	97

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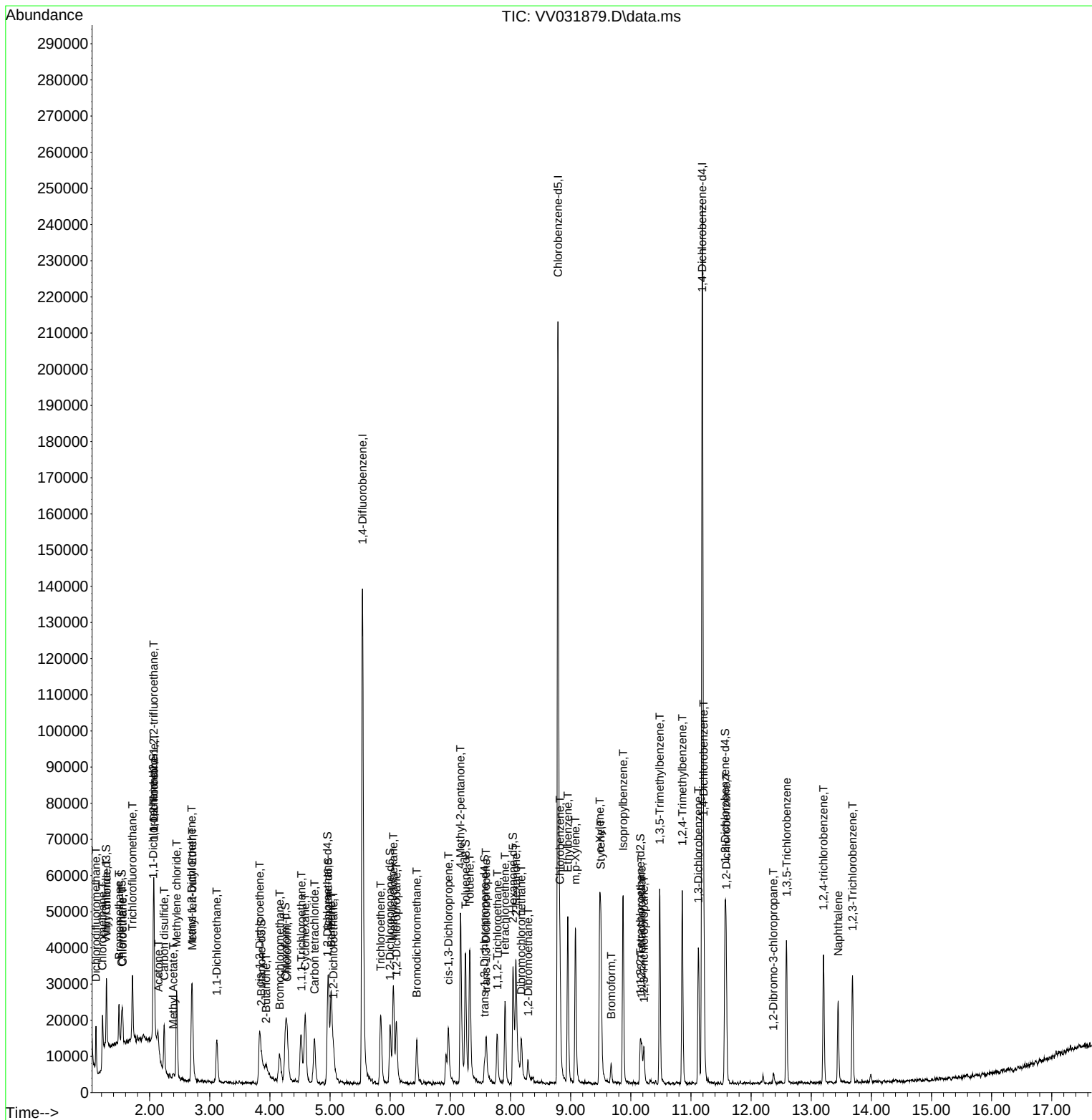
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 MSVOA_V
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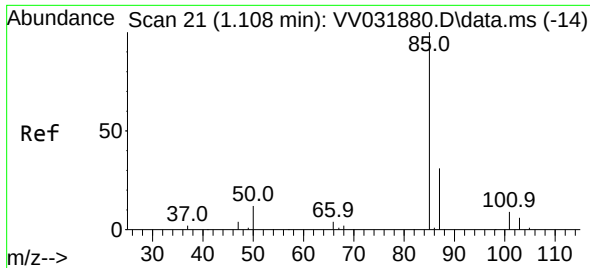
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 24 04:23:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.780	97	4579	0.884	ug/L	97
47) Tetrachloroethene	7.908	164	4922	1.003	ug/L	97
48) 2-Hexanone	8.092	43	24271	7.196	ug/L	92
49) Dibromochloromethane	8.182	129	4990	0.924	ug/L	95
50) 1,2-Dibromoethane	8.294	107	4278	0.913	ug/L #	99
51) Chlorobenzene	8.821	112	18201	0.985	ug/L	98
52) Ethylbenzene	8.953	91	33743	1.006	ug/L	98
53) m,p-Xylene	9.082	106	12752	1.009	ug/L	99
54) o-Xylene	9.484	106	12029	0.985	ug/L	97
55) Styrene	9.503	104	20395	0.968	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.182	83	4901	0.934	ug/L #	89
59) Bromoform	9.673	173	2542	0.886	ug/L #	90
60) Isopropylbenzene	9.873	105	33689	0.998	ug/L	99
61) 1,2,3-Trichloropropane	10.220	75	4109	0.919	ug/L #	93
62) 1,3,5-Trimethylbenzene	10.481	105	28711	0.993	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	28562	1.005	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	14867	0.995	ug/L	97
65) 1,4-Dichlorobenzene	11.214	146	15497	1.009	ug/L	95
67) 1,2-Dichlorobenzene	11.587	146	13006	0.951	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	925	0.913	ug/L #	80
69) 1,3,5-Trichlorobenzene	12.590	180	11164	1.005	ug/L	100
70) 1,2,4-trichlorobenzene	13.204	180	9828	0.970	ug/L	98
71) Naphthalene	13.448	128	17768	0.931	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	7930	0.930	ug/L	100

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

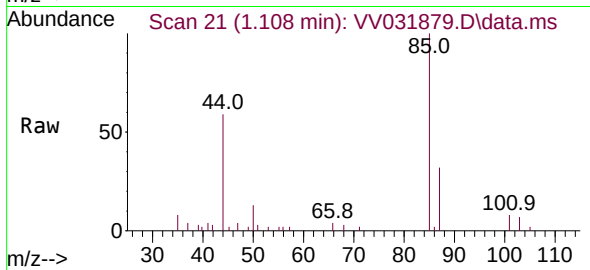
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
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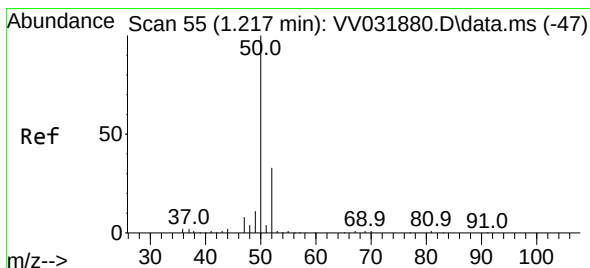
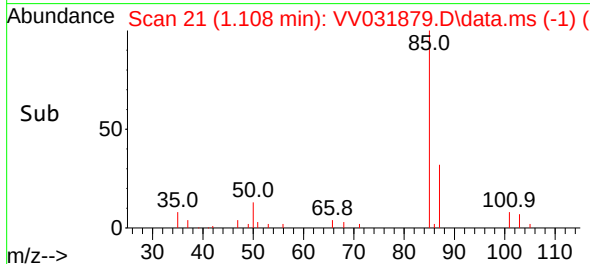
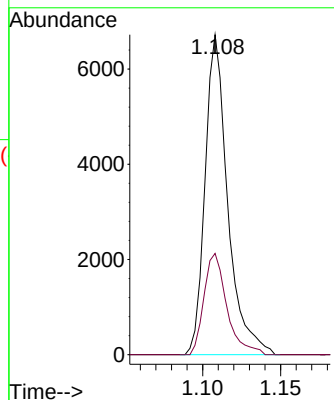


#2
 Dichlorodifluoromethane
 Concen: 0.986 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV031879.D
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 MSVOA_V
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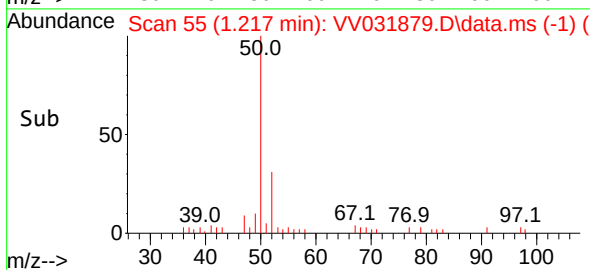
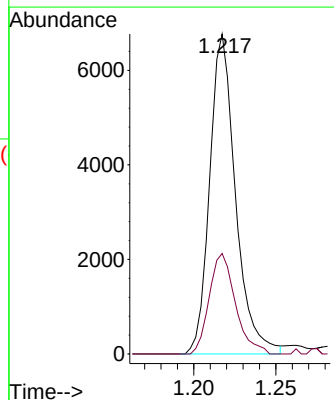
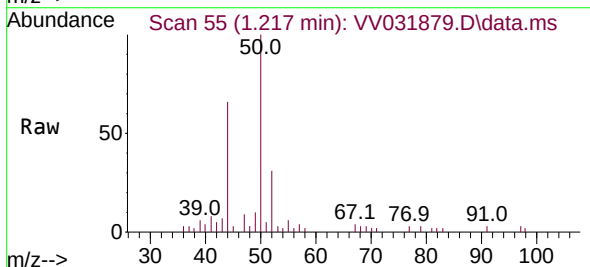


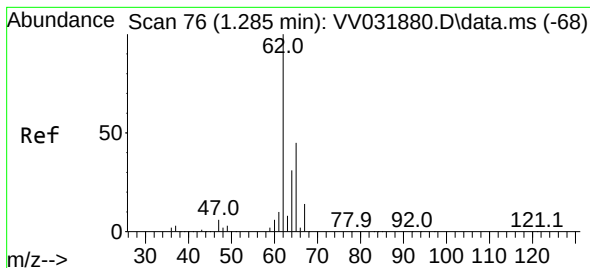
Tgt Ion: 85 Resp: 6796
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.7 38.5



#3
 Chloromethane
 Concen: 1.003 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV031879.D
 Acq: 23 Aug 2023 19:59

Tgt Ion: 50 Resp: 7408
 Ion Ratio Lower Upper
 50 100
 52 31.4 23.3 43.3





#5

Vinyl chloride

Concen: 1.005 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV031879.D

Acq: 23 Aug 2023 19:59

Instrument :

MSVOA_V

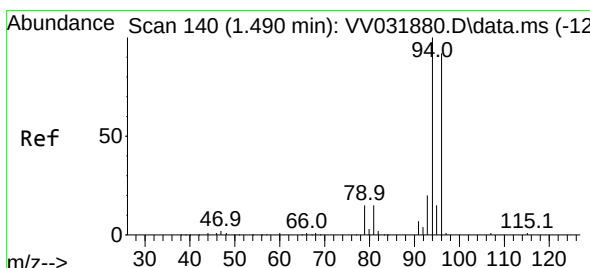
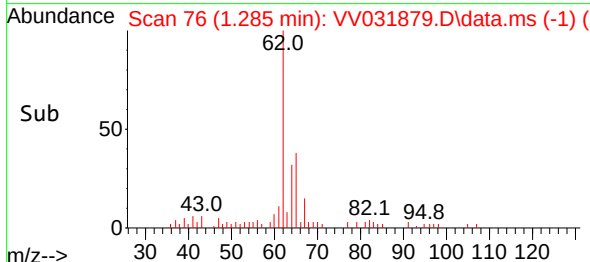
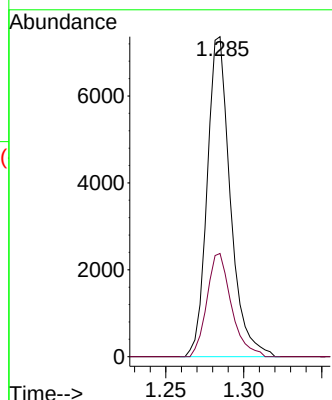
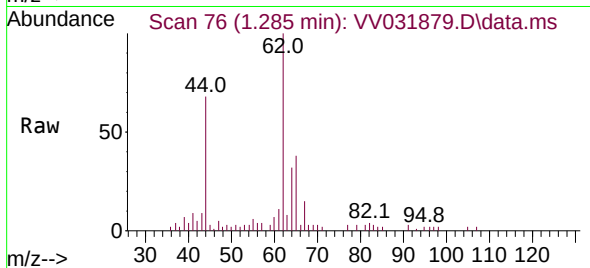
ClientSampleId :

Tgt Ion: 62 Resp: 7606

Ion Ratio Lower Upper

62 100

64 32.3 21.7 40.3



#6

Bromomethane

Concen: 1.005 ug/L

RT: 1.491 min Scan# 140

Delta R.T. 0.000 min

Lab File: VV031879.D

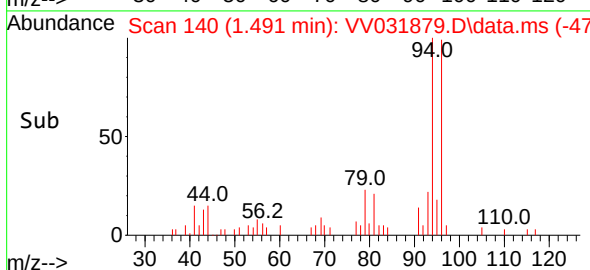
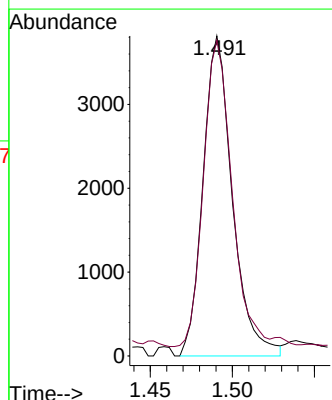
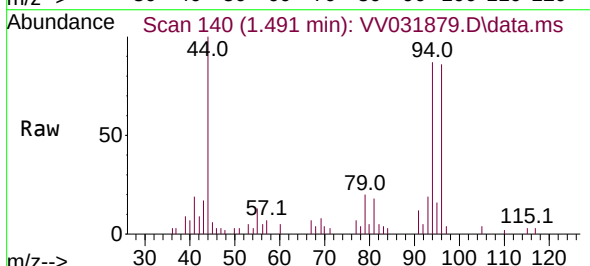
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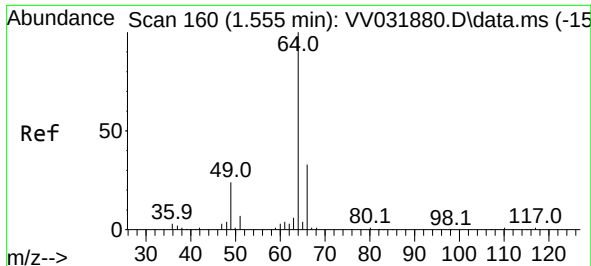
Tgt Ion: 94 Resp: 4752

Ion Ratio Lower Upper

94 100

96 98.7 65.0 120.8

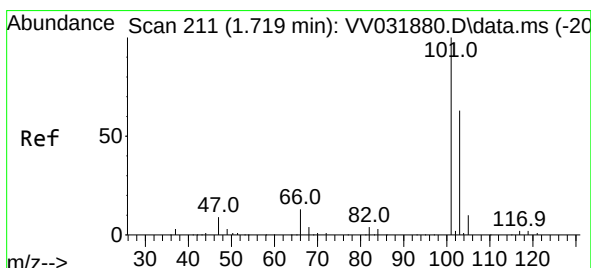
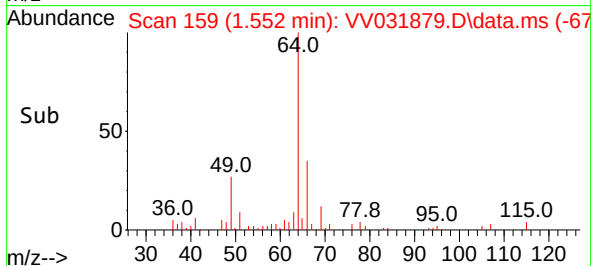
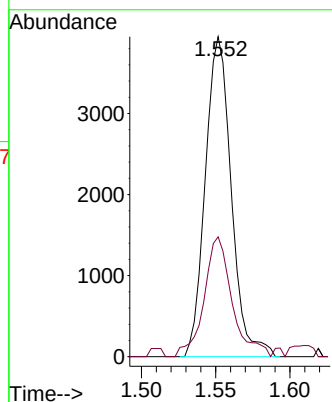
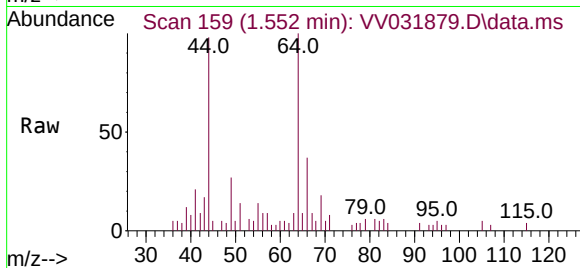




#8
Chloroethane
Concen: 0.995 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV031879.D
Acq: 23 Aug 2023 19:59

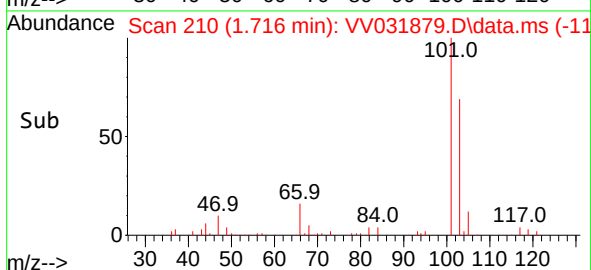
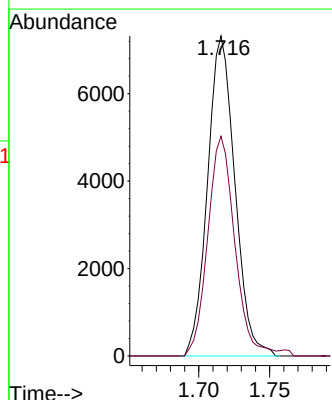
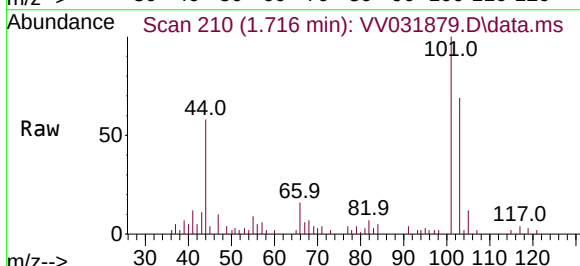
Instrument :
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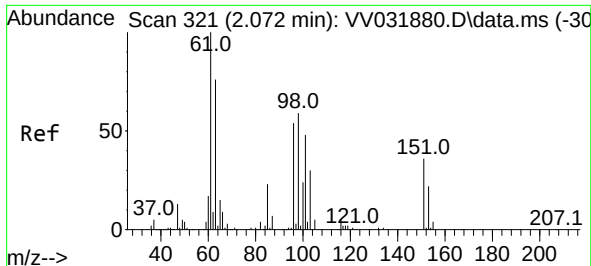
Tgt Ion: 64 Resp: 4807
Ion Ratio Lower Upper
64 100
66 37.4 22.8 42.4



#9
Trichlorofluoromethane
Concen: 1.006 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.003 min
Lab File: VV031879.D
Acq: 23 Aug 2023 19:59

Tgt Ion:101 Resp: 9823
Ion Ratio Lower Upper
101 100
103 67.6 50.5 75.7

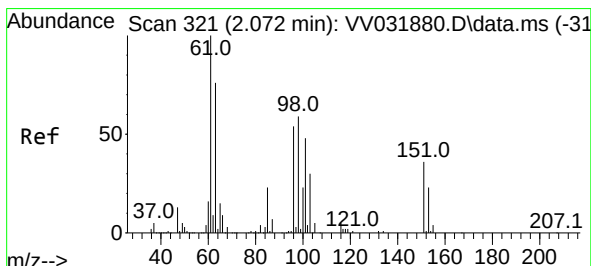
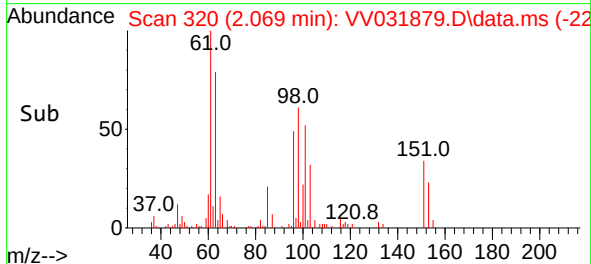
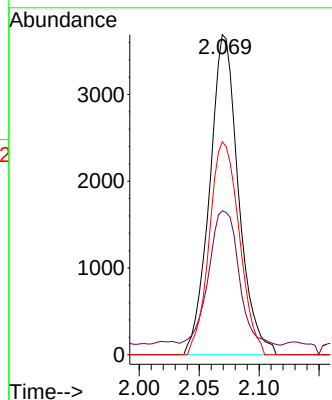
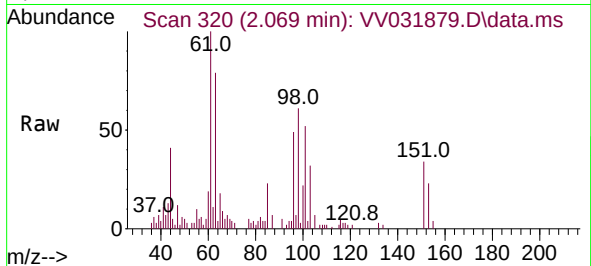




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.060 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV031879.D
 Acq: 23 Aug 2023 19:59

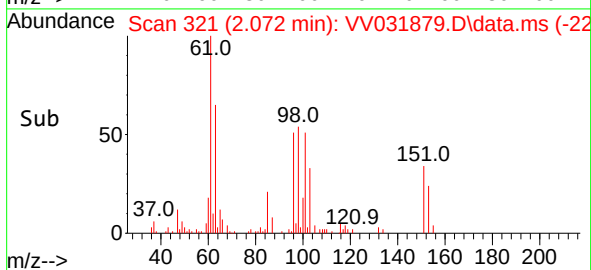
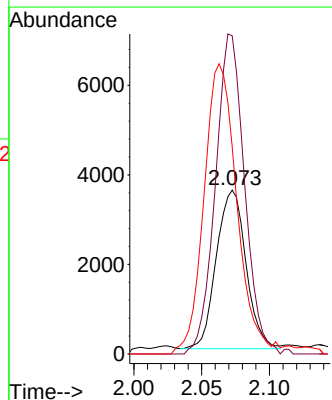
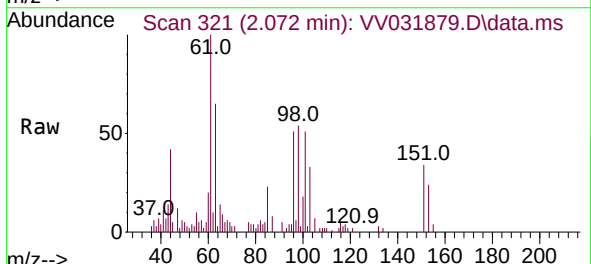
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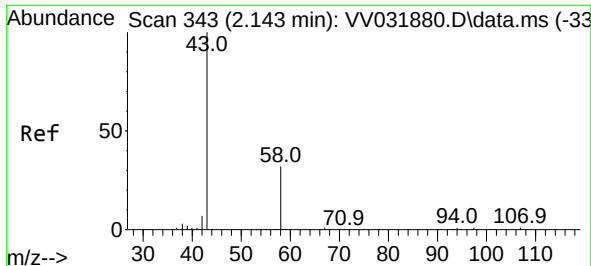
Tgt Ion:101 Resp: 6170
 Ion Ratio Lower Upper
 101 100
 85 46.3 38.3 57.5
 151 69.0 58.5 87.7



#12
 1,1-Dichloroethene
 Concen: 0.992 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV031879.D
 Acq: 23 Aug 2023 19:59

Tgt Ion: 96 Resp: 5386
 Ion Ratio Lower Upper
 96 100
 61 194.2 129.0 239.6
 63 126.4 99.0 183.8





#13

Acetone

Concen: 4.710 ug/L

RT: 2.146 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV031879.D

Acq: 23 Aug 2023 19:59

Instrument :

MSVOA_V

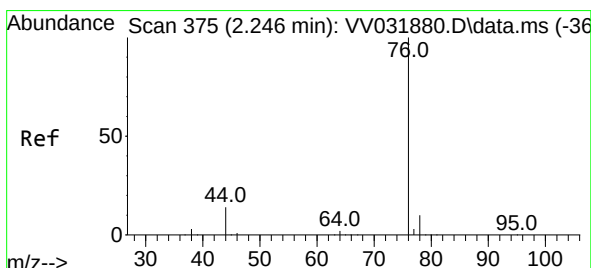
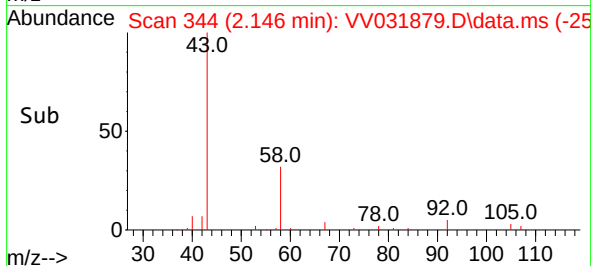
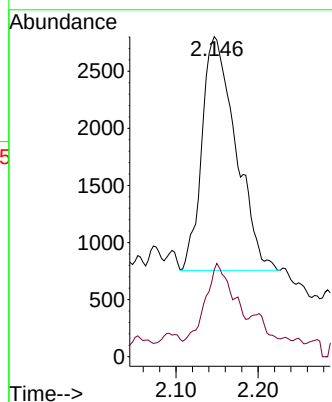
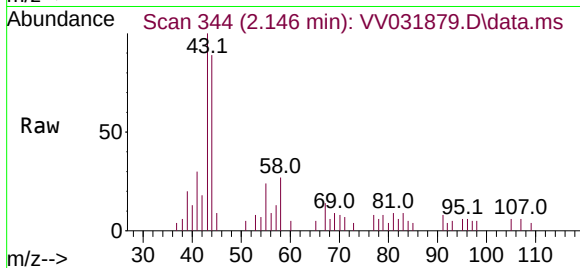
ClientSampleId :

Tgt Ion: 43 Resp: 5888

Ion Ratio Lower Upper

43 100

58 28.6 0.0 37.0



#14

Carbon disulfide

Concen: 0.944 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.003 min

Lab File: VV031879.D

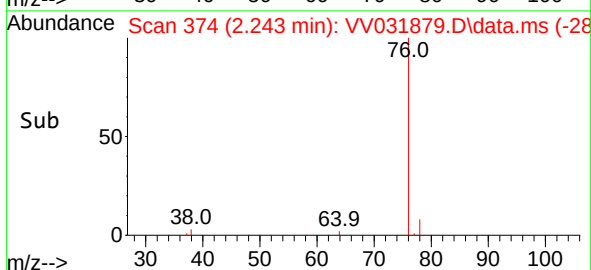
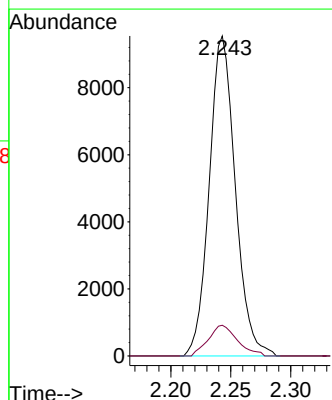
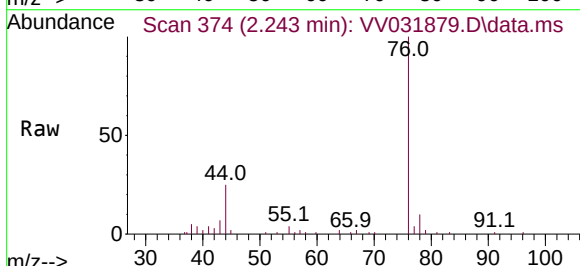
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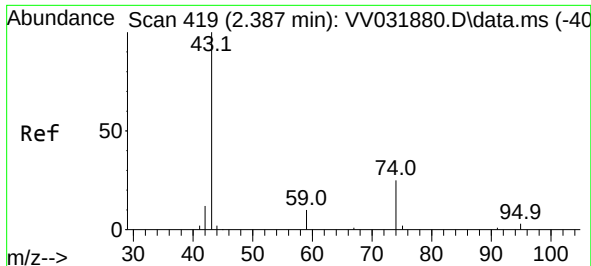
Tgt Ion: 76 Resp: 14427

Ion Ratio Lower Upper

76 100

78 9.6 7.7 11.5

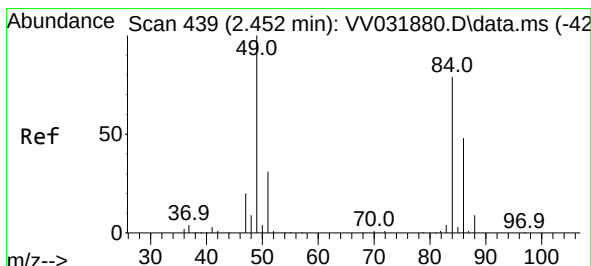
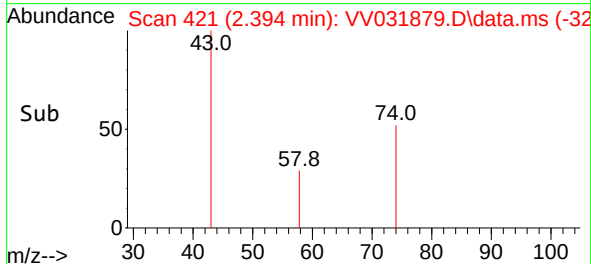
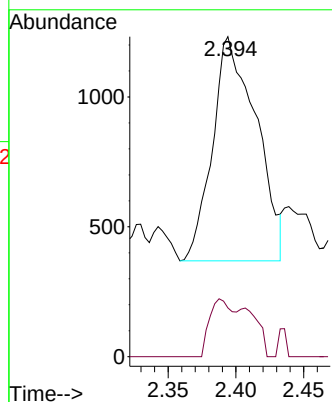
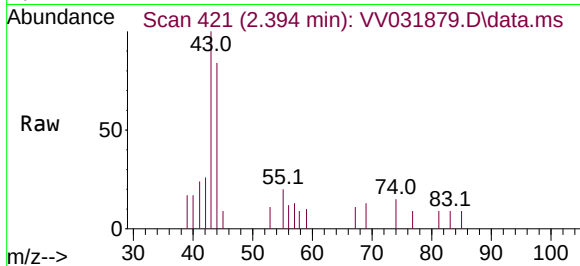




#15
Methyl Acetate
Concen: 0.817 ug/L
RT: 2.394 min Scan# 419
Delta R.T. 0.007 min
Lab File: VV031879.D
Acq: 23 Aug 2023 19:59

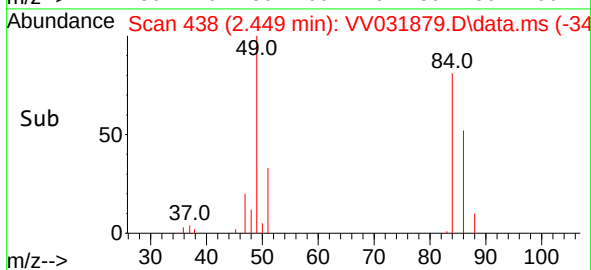
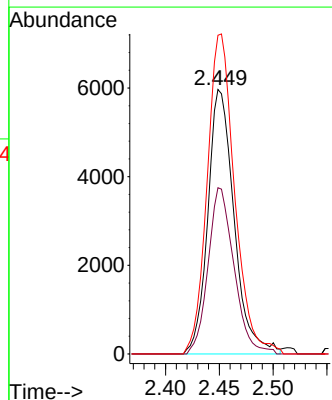
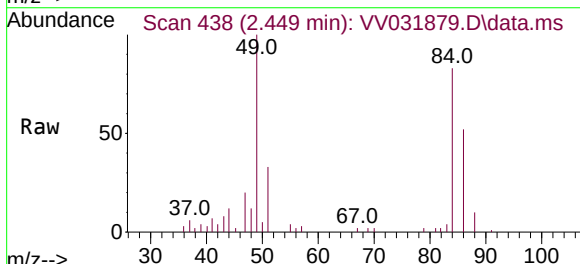
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MSVOA_V
ClientSampleId :

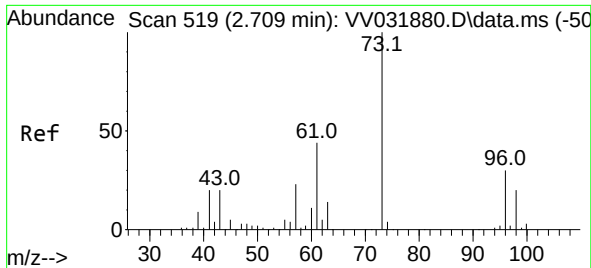
Tgt Ion: 43 Resp: 1935
Ion Ratio Lower Upper
43 100
74 14.3 18.3 27.5#



#16
Methylene chloride
Concen: 1.149 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.003 min
Lab File: VV031879.D
Acq: 23 Aug 2023 19:59

Tgt Ion: 84 Resp: 10153
Ion Ratio Lower Upper
84 100
86 62.8 42.6 79.2
49 120.5 88.5 164.4

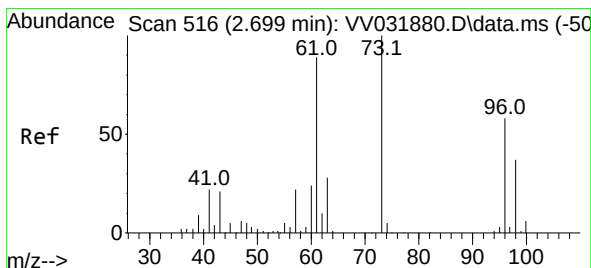
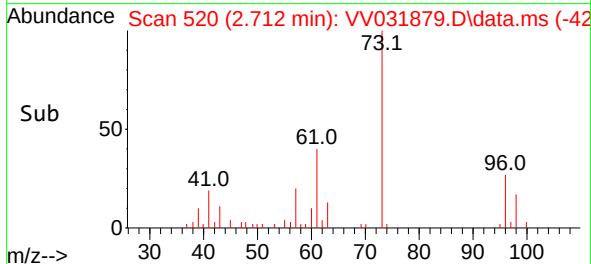
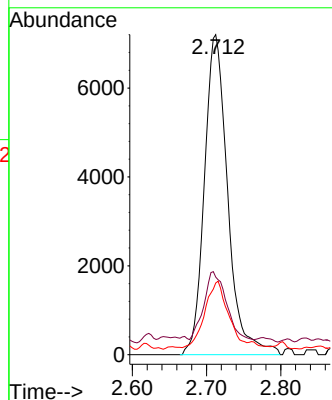
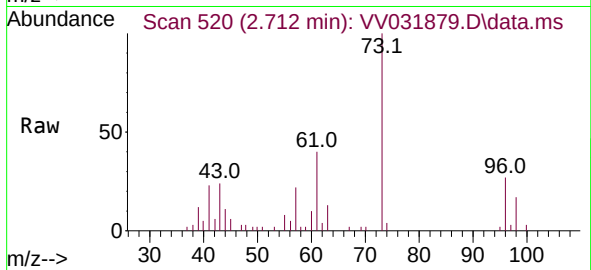




#17
Methyl tert-butyl Ether
Concen: 0.933 ug/L
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV031879.D
Acq: 23 Aug 2023 19:59

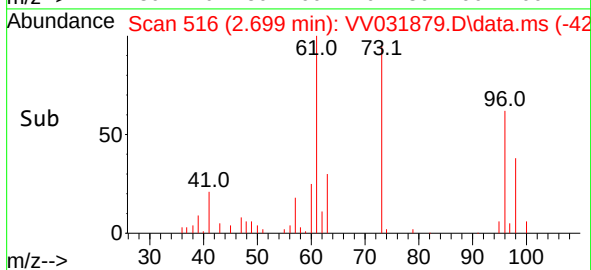
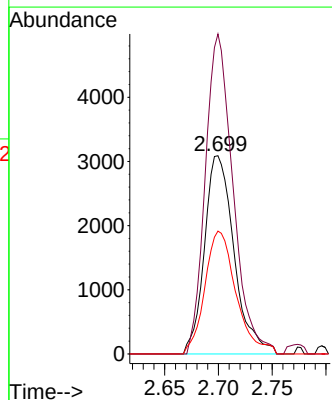
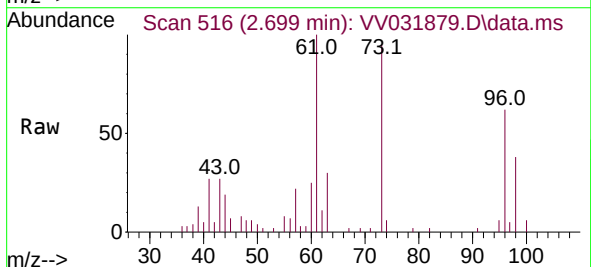
Instrument :
MSVOA_V
ClientSampleId :

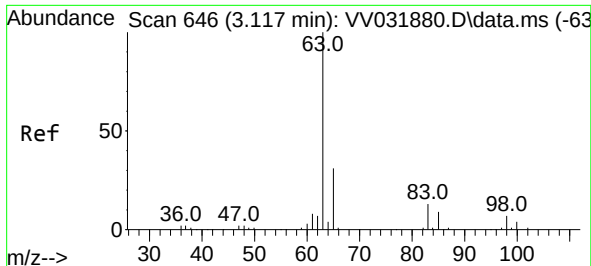
Tgt Ion: 73 Resp: 15723
Ion Ratio Lower Upper
73 100
43 20.4 15.6 23.4
57 20.3 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 0.963 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV031879.D
Acq: 23 Aug 2023 19:59

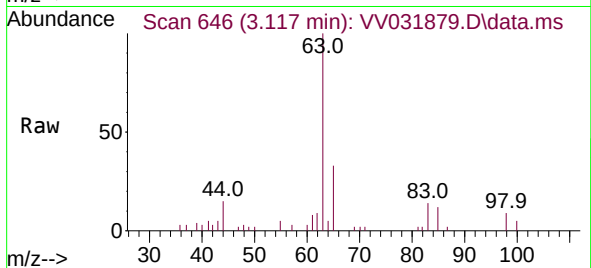
Tgt Ion: 96 Resp: 5929
Ion Ratio Lower Upper
96 100
61 161.4 106.8 198.4
98 61.9 44.9 83.3



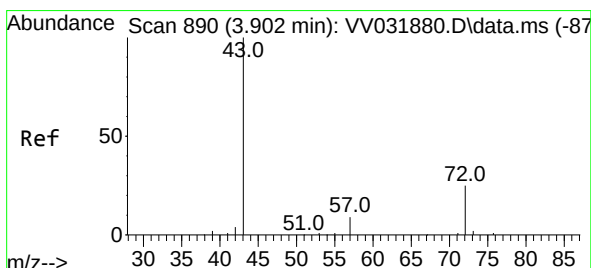
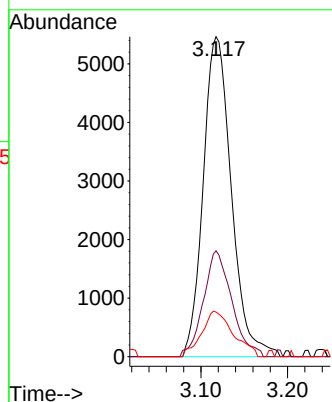
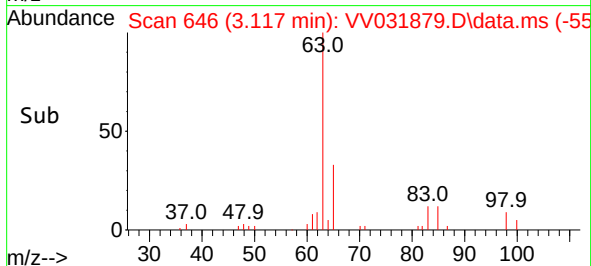


#19
1,1-Dichloroethane
Concen: 0.974 ug/L
RT: 3.117 min Scan# 64
Delta R.T. 0.000 min
Lab File: VV031879.D
Acq: 23 Aug 2023 19:59

Instrument :
MSVOA_V
ClientSampleId :

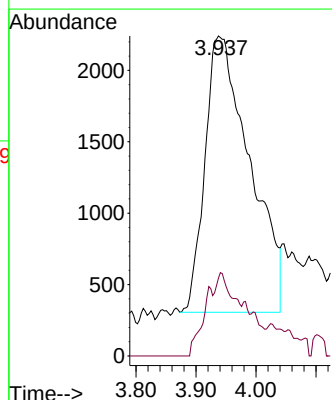
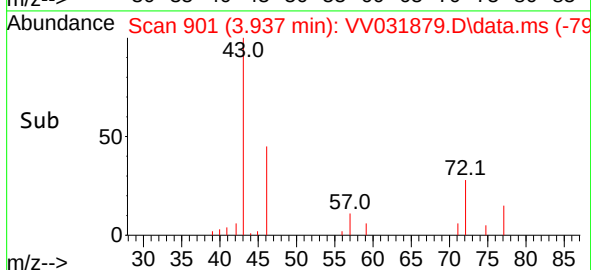
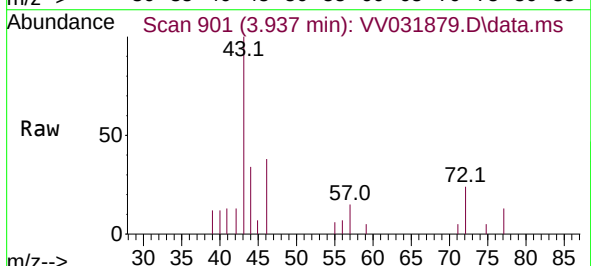


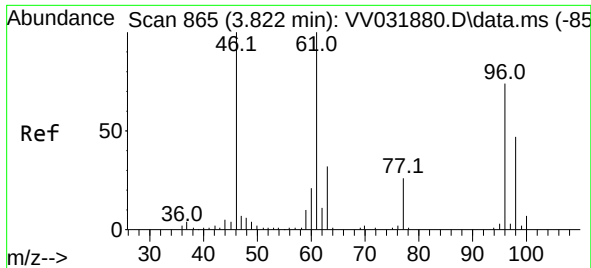
Tgt Ion:	63	Resp:	12351
Ion	Ratio	Lower	Upper
63	100		
65	33.1	21.9	40.7
83	13.9	9.2	17.2



#21
2-Butanone
Concen: 6.193 ug/L
RT: 3.937 min Scan# 901
Delta R.T. 0.035 min
Lab File: VV031879.D
Acq: 23 Aug 2023 19:59

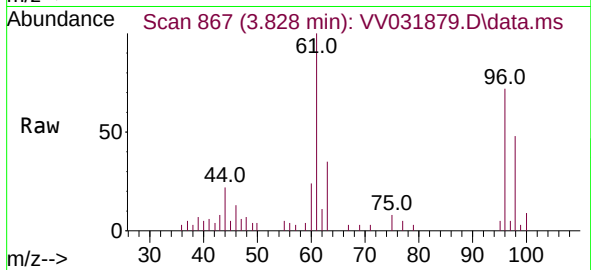
Tgt Ion:	43	Resp:	10046
Ion	Ratio	Lower	Upper
43	100		
72	5.8	9.0	27.0#



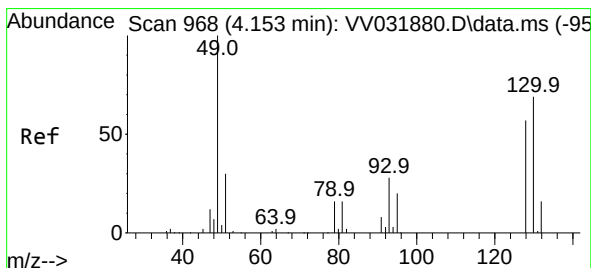
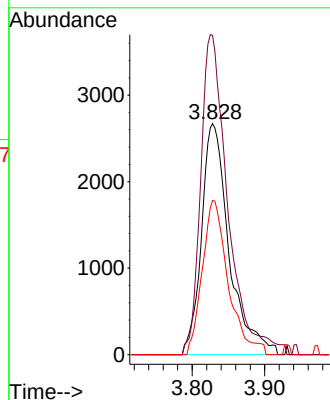
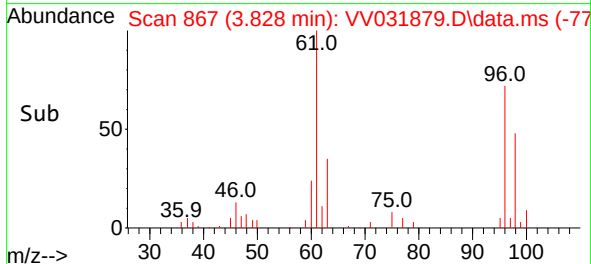


#22
 cis-1,2-Dichloroethene
 Concen: 0.999 ug/L
 RT: 3.828 min Scan# 865
 Delta R.T. 0.007 min
 Lab File: VV031879.D
 Acq: 23 Aug 2023 19:59

Instrument :
 MSVOA_V
 ClientSampleId :

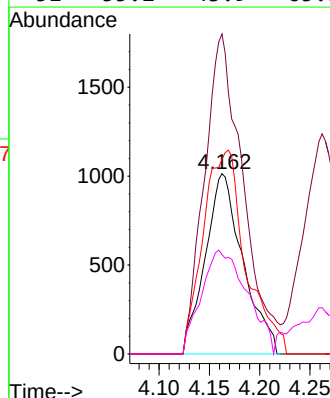
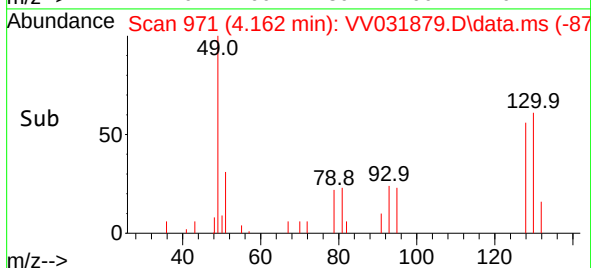
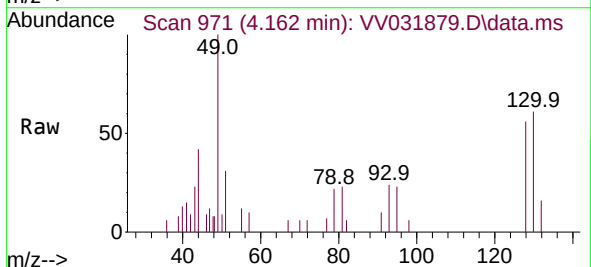


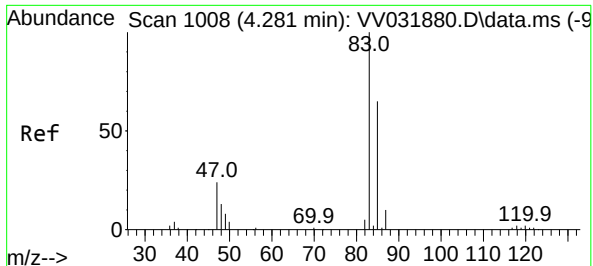
Tgt Ion:	96	Resp:	7084
Ion	Ratio	Lower	Upper
96	100		
61	138.2	94.1	174.8
98	66.8	43.8	81.4



#23
 Bromochloromethane
 Concen: 0.939 ug/L
 RT: 4.162 min Scan# 971
 Delta R.T. 0.010 min
 Lab File: VV031879.D
 Acq: 23 Aug 2023 19:59

Tgt Ion:	128	Resp:	2643
Ion	Ratio	Lower	Upper
128	100		
49	177.5	123.7	229.7
130	107.9	84.3	156.5
51	55.2	43.9	65.9





#25

Chloroform

Concen: 0.975 ug/L

RT: 4.288 min Scan# 1008

Delta R.T. 0.007 min

Lab File: VV031879.D

Acq: 23 Aug 2023 19:59

Instrument :

MSVOA_V

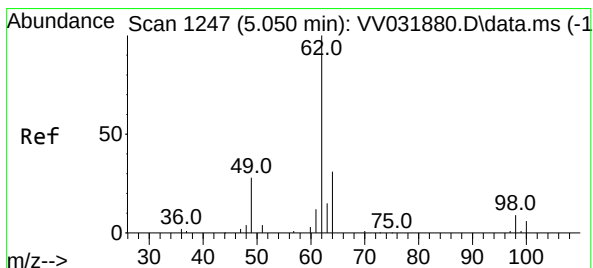
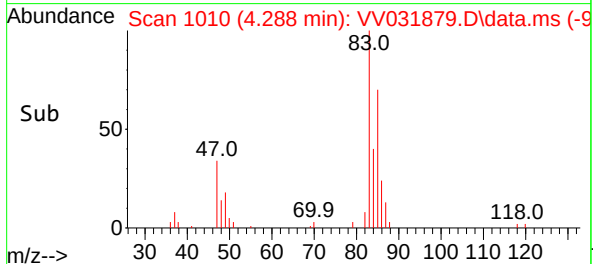
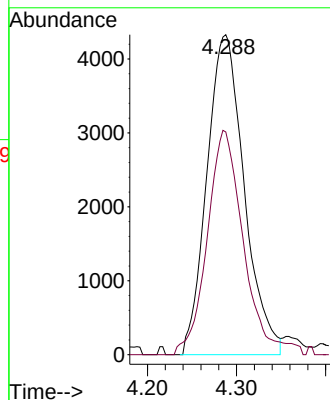
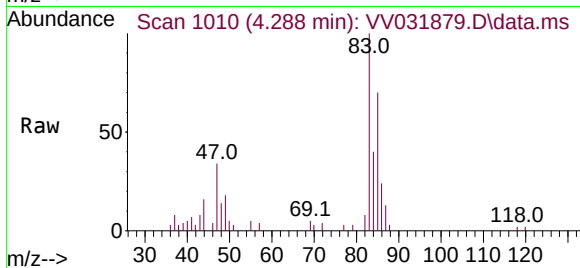
ClientSampleId :

Tgt Ion: 83 Resp: 12604

Ion Ratio Lower Upper

83 100

85 69.6 46.4 86.2



#27

1,2-Dichloroethane

Concen: 0.934 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. 0.007 min

Lab File: VV031879.D

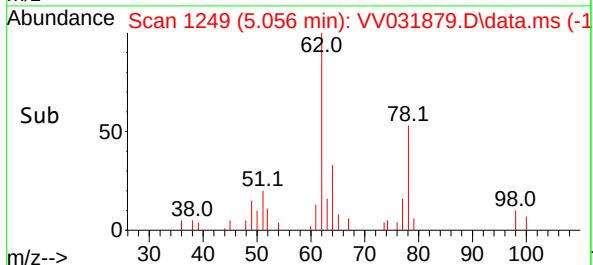
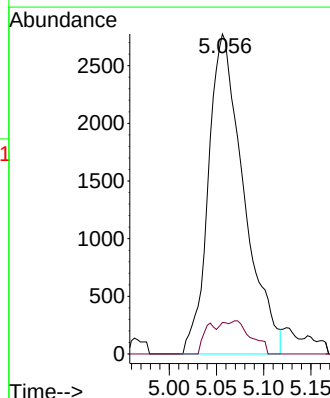
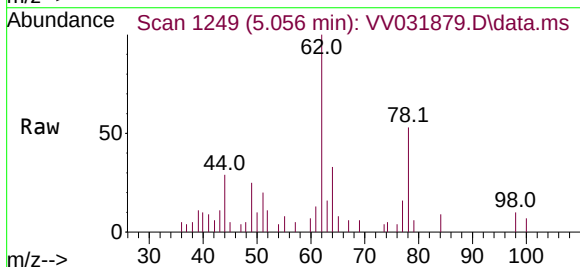
Acq: 23 Aug 2023 19:59

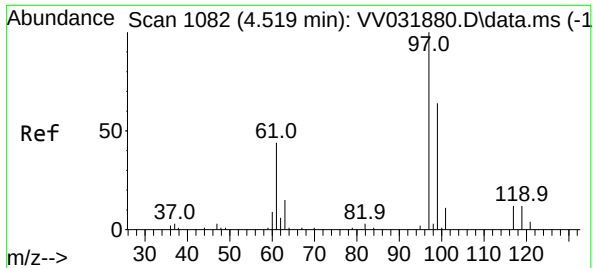
Tgt Ion: 62 Resp: 7223

Ion Ratio Lower Upper

62 100

98 9.9 7.2 10.8





#29

1,1,1-Trichloroethane

Concen: 1.036 ug/L

RT: 4.523 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VV031879.D

Acq: 23 Aug 2023 19:59

Instrument :

MSVOA_V

ClientSampleId :

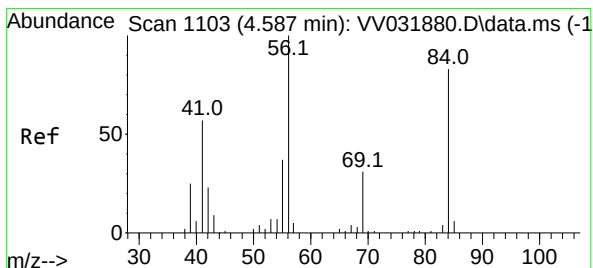
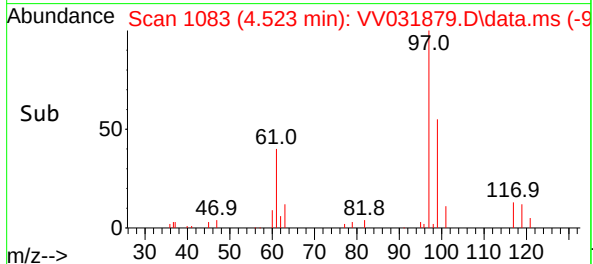
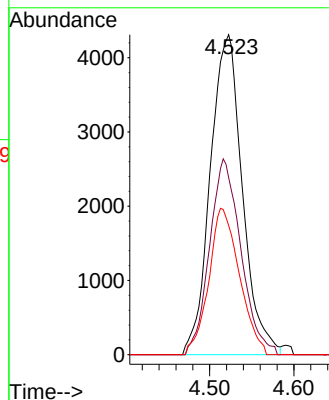
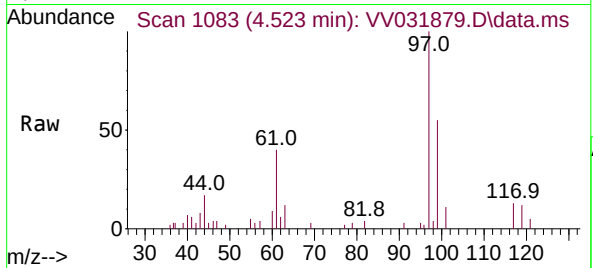
Tgt Ion: 97 Resp: 11407

Ion Ratio Lower Upper

97 100

99 59.7 51.1 76.7

61 43.6 35.5 53.3



#30

Cyclohexane

Concen: 1.012 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VV031879.D

Acq: 23 Aug 2023 19:59

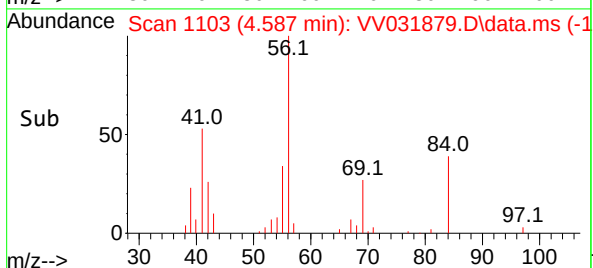
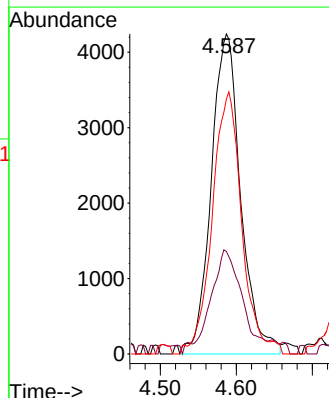
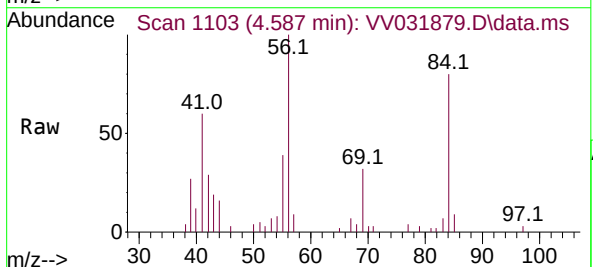
Tgt Ion: 56 Resp: 11452

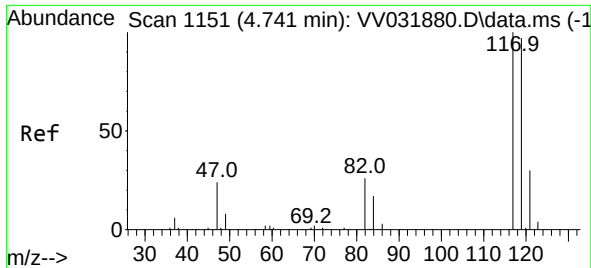
Ion Ratio Lower Upper

56 100

69 28.5 25.4 38.0

84 81.8 66.8 100.2

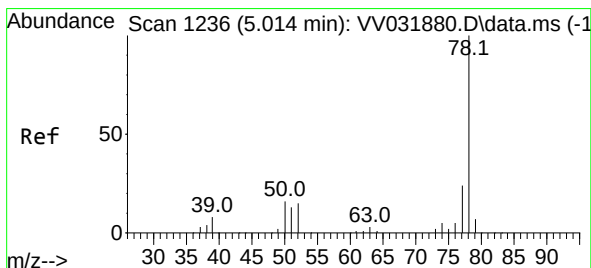
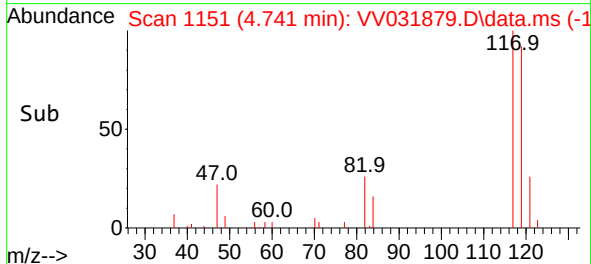
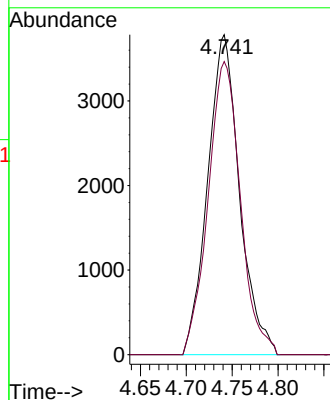
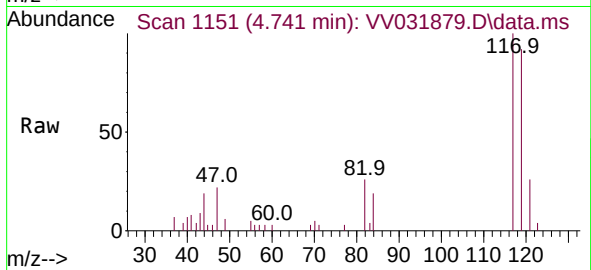




#31
Carbon tetrachloride
Concen: 1.025 ug/L
RT: 4.741 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VV031879.D
Acq: 23 Aug 2023 19:59

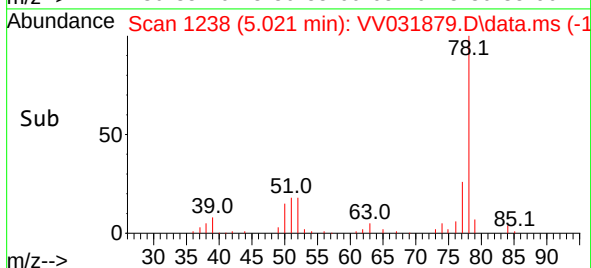
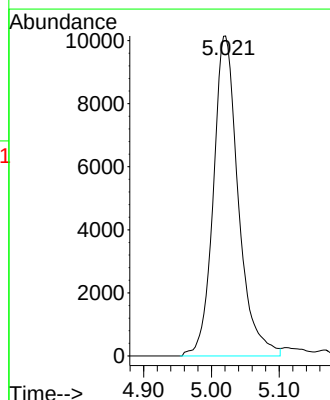
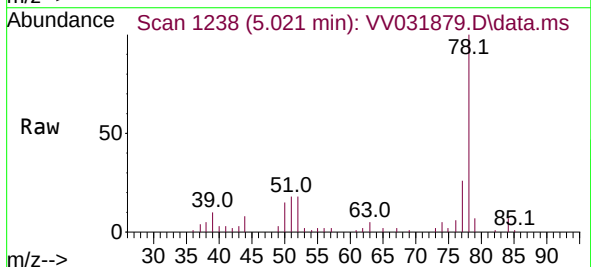
Instrument :
MSVOA_V
ClientSampleId :

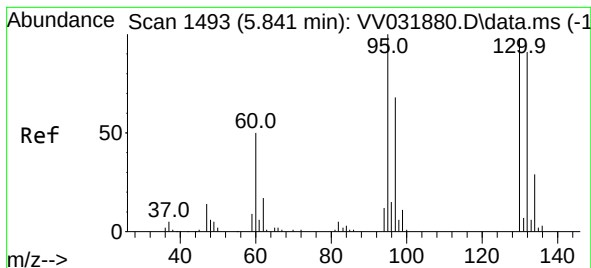
Tgt Ion:117 Resp: 9134
Ion Ratio Lower Upper
117 100
119 92.8 78.4 117.6



#33
Benzene
Concen: 0.990 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.007 min
Lab File: VV031879.D
Acq: 23 Aug 2023 19:59

Tgt Ion: 78 Resp: 25997





#34

Trichloroethene

Concen: 0.956 ug/L

RT: 5.844 min Scan# 1493

Delta R.T. 0.003 min

Lab File: VV031879.D

Acq: 23 Aug 2023 19:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 7343

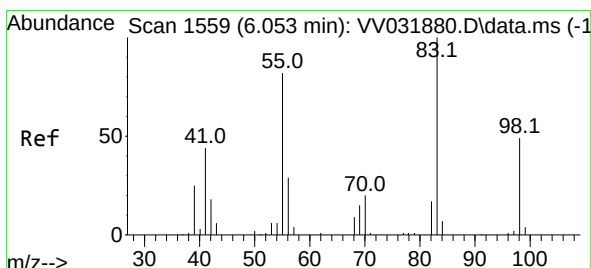
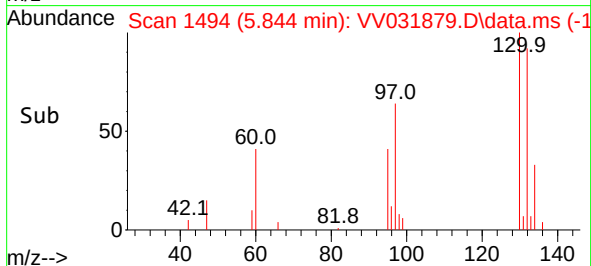
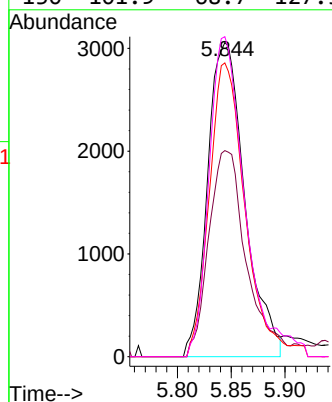
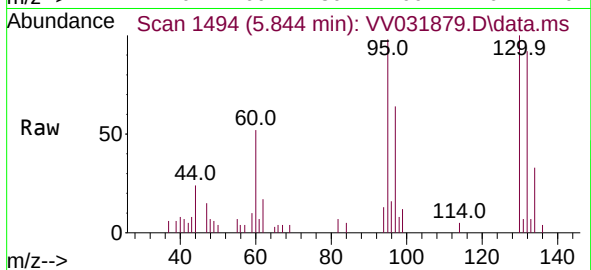
Ion Ratio Lower Upper

95 100

97 65.6 47.7 88.7

132 93.5 63.8 118.4

130 101.9 68.7 127.5



#35

Methylcyclohexane

Concen: 1.061 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. 0.000 min

Lab File: VV031879.D

Acq: 23 Aug 2023 19:59

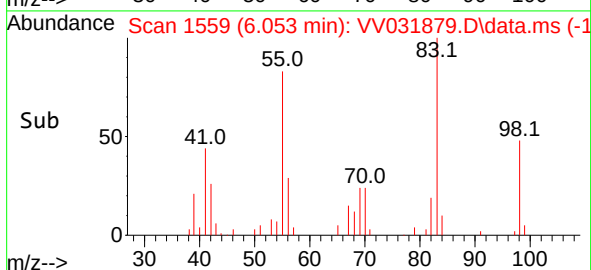
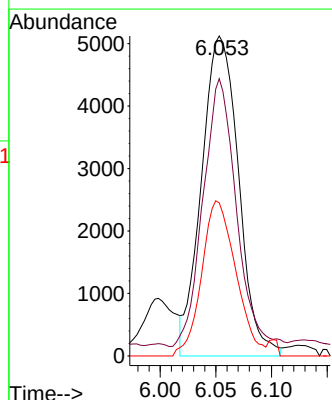
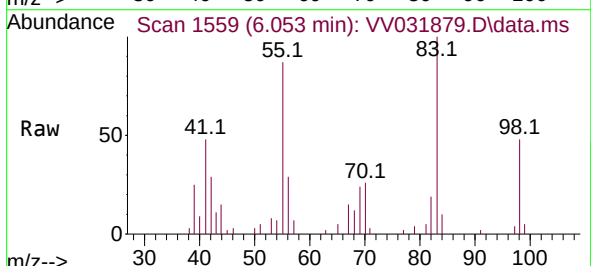
Tgt Ion: 83 Resp: 11859

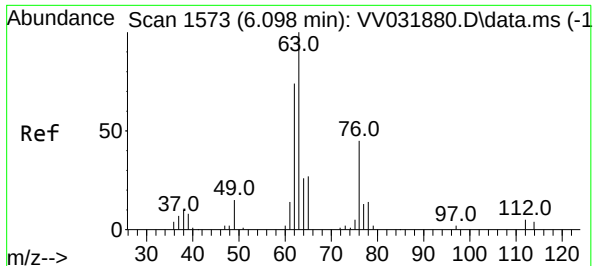
Ion Ratio Lower Upper

83 100

55 74.5 62.6 94.0

98 44.6 37.8 56.8





#37

1,2-Dichloropropane

Concen: 1.013 ug/L

RT: 6.101 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV031879.D

Acq: 23 Aug 2023 19:59

Instrument :

MSVOA_V

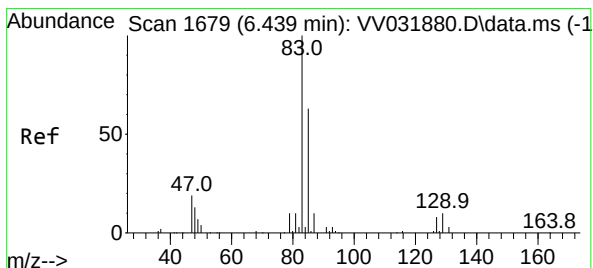
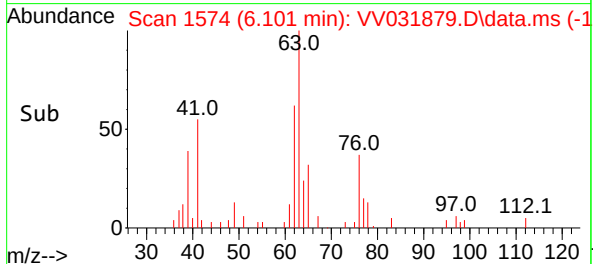
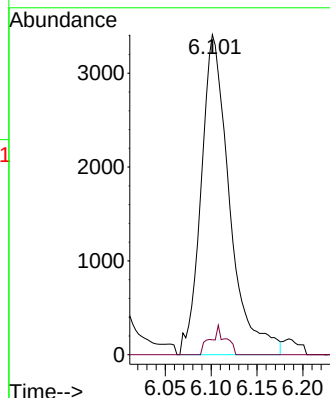
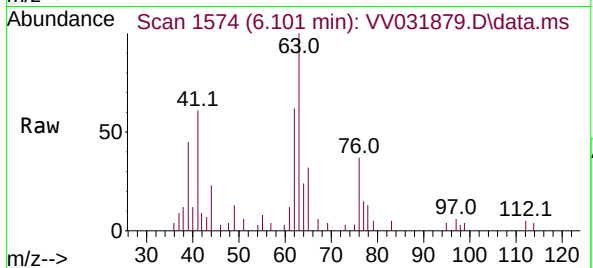
ClientSampleId :

Tgt Ion: 63 Resp: 7335

Ion Ratio Lower Upper

63 100

112 4.9 3.4 5.2



#38

Bromodichloromethane

Concen: 0.965 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VV031879.D

Acq: 23 Aug 2023 19:59

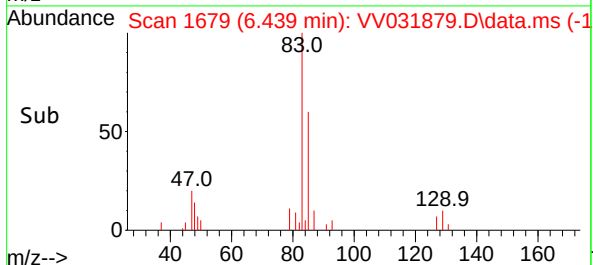
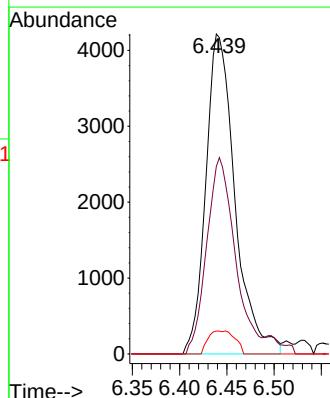
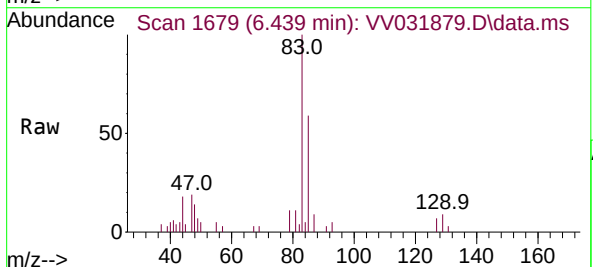
Tgt Ion: 83 Resp: 9039

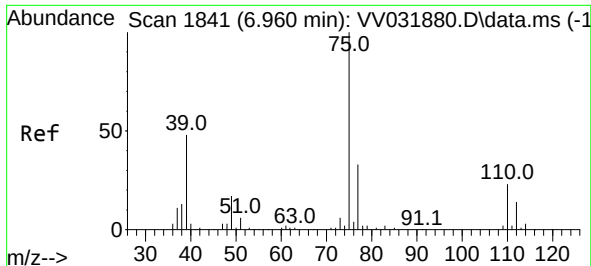
Ion Ratio Lower Upper

83 100

85 58.7 44.4 82.4

127 7.2 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 0.879 ug/L

RT: 6.969 min Scan# 1841

Delta R.T. 0.010 min

Lab File: VV031879.D

Acq: 23 Aug 2023 19:59

Instrument :

MSVOA_V

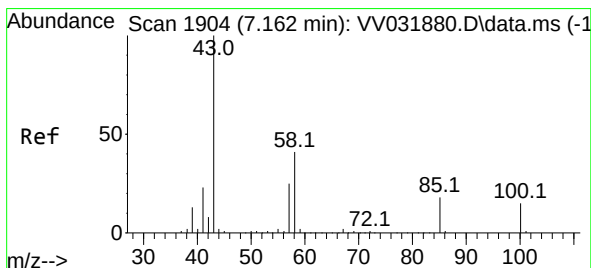
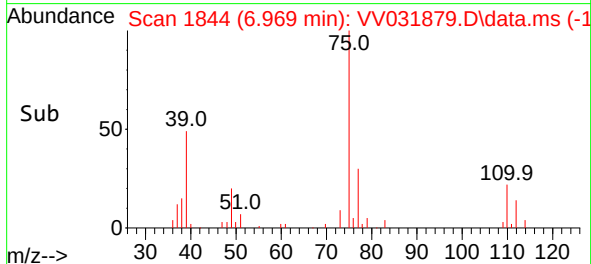
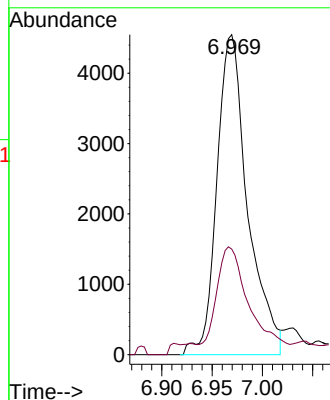
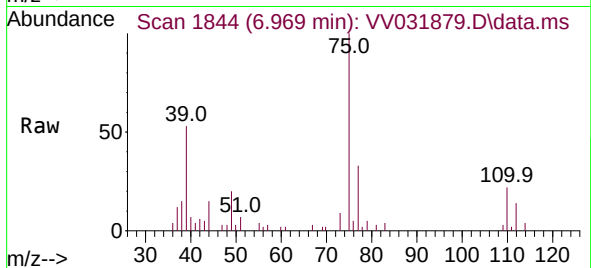
ClientSampleId :

Tgt Ion: 75 Resp: 9679

Ion Ratio Lower Upper

75 100

77 33.0 23.2 43.2



#40

4-Methyl-2-pentanone

Concen: 8.142 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. 0.007 min

Lab File: VV031879.D

Acq: 23 Aug 2023 19:59

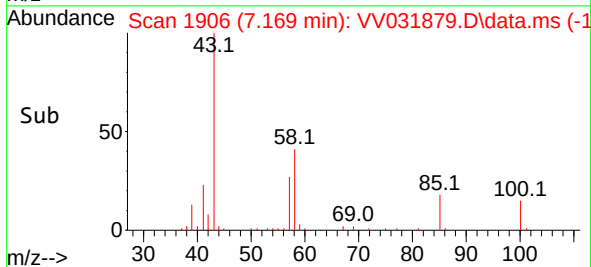
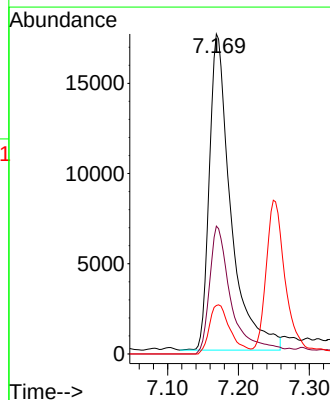
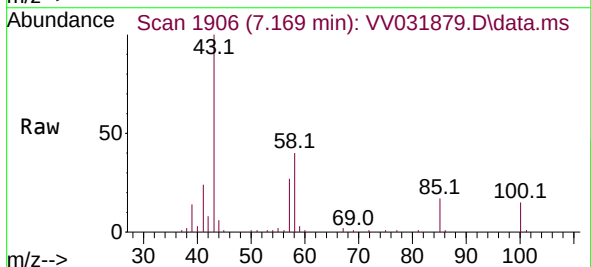
Tgt Ion: 43 Resp: 36936

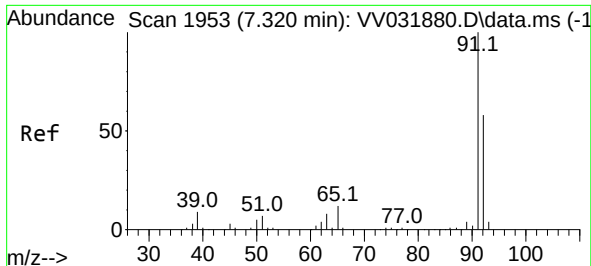
Ion Ratio Lower Upper

43 100

58 41.5 29.0 43.6

100 15.1 10.7 16.1





#42

Toluene

Concen: 0.971 ug/L

RT: 7.323 min Scan# 1953

Delta R.T. 0.003 min

Lab File: VV031879.D

Acq: 23 Aug 2023 19:59

Instrument :

MSVOA_V

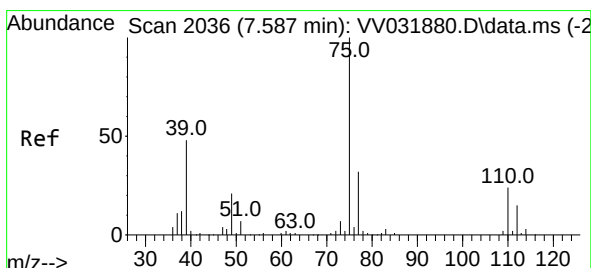
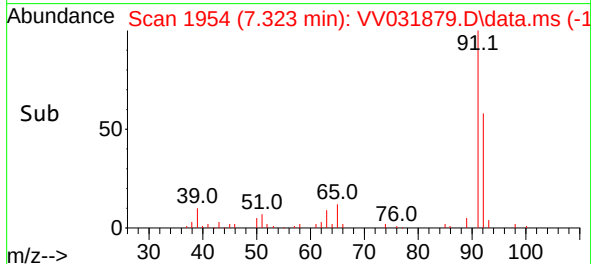
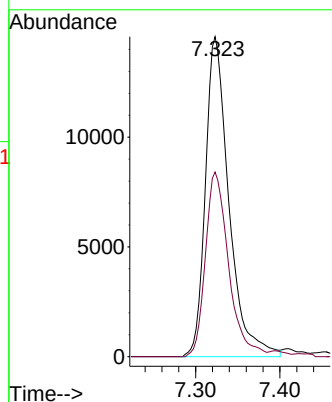
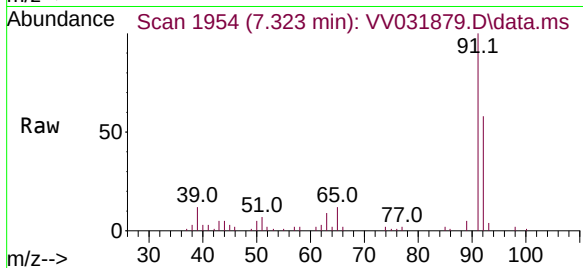
ClientSampleId :

Tgt Ion: 91 Resp: 28325

Ion Ratio Lower Upper

91 100

92 57.7 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 0.958 ug/L

RT: 7.593 min Scan# 2038

Delta R.T. 0.007 min

Lab File: VV031879.D

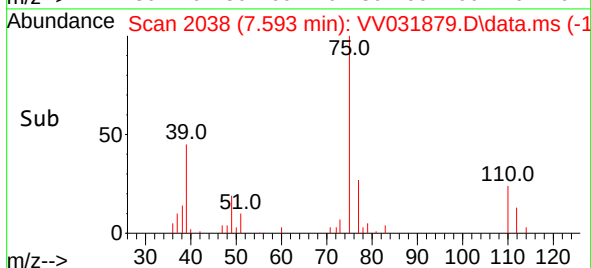
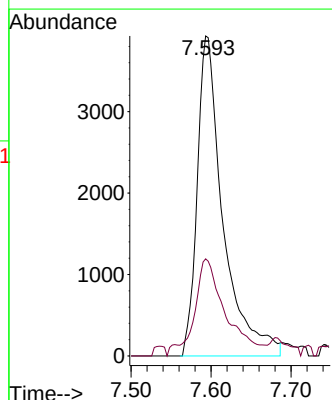
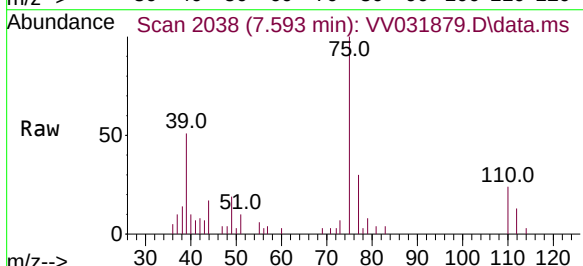
Acq: 23 Aug 2023 19:59

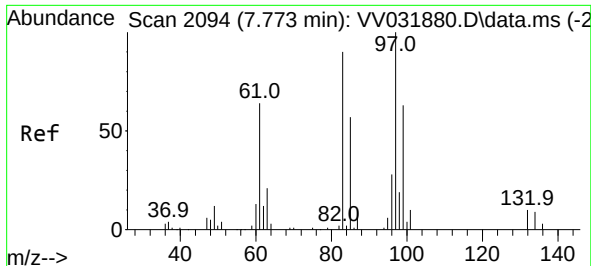
Tgt Ion: 75 Resp: 8809

Ion Ratio Lower Upper

75 100

77 30.3 22.4 41.6



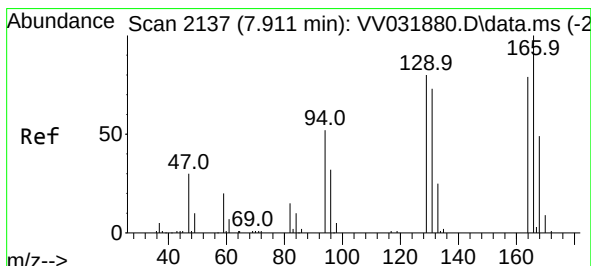
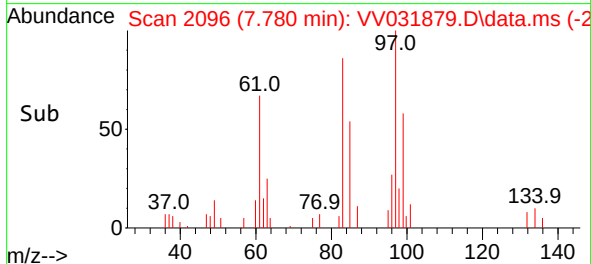
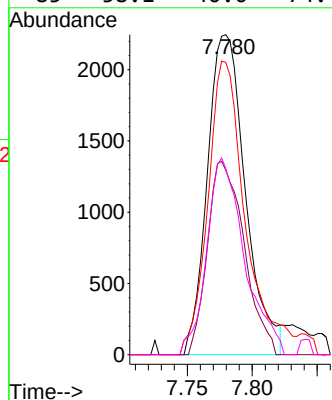
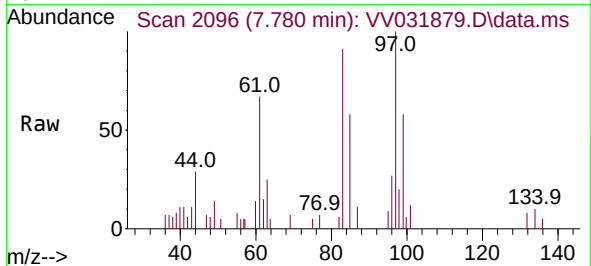


#45
1,1,2-Trichloroethane
Concen: 0.884 ug/L
RT: 7.780 min Scan# 2094
Delta R.T. 0.007 min
Lab File: VV031879.D
Acq: 23 Aug 2023 19:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 4579

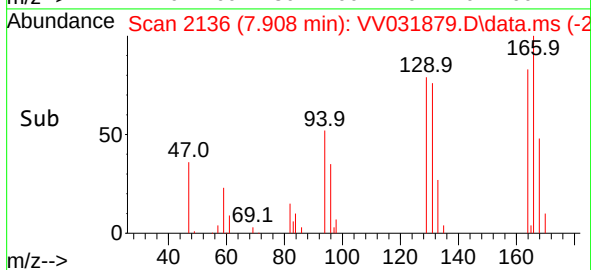
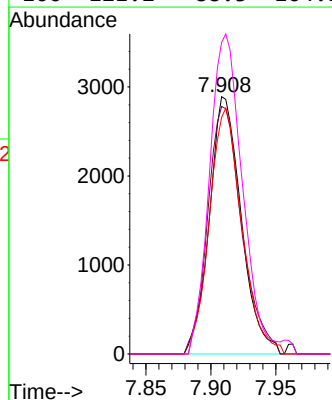
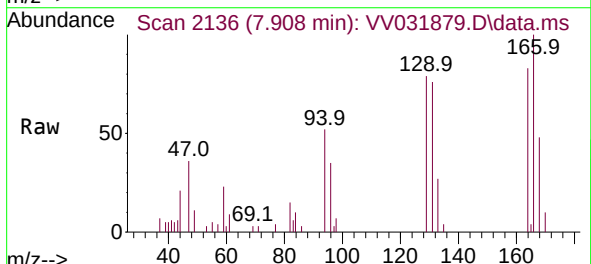
Ion	Ratio	Lower	Upper
97	100		
99	57.7	44.3	82.3
83	91.4	62.7	116.5
85	58.1	40.0	74.4

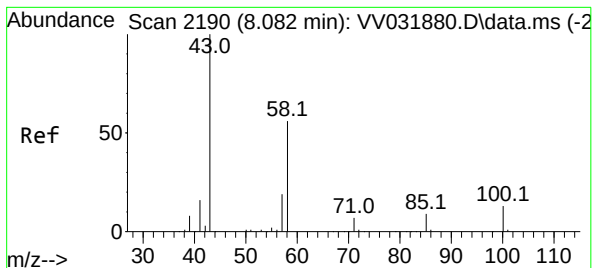


#47
Tetrachloroethene
Concen: 1.003 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.003 min
Lab File: VV031879.D
Acq: 23 Aug 2023 19:59

Tgt Ion: 164 Resp: 4922

Ion	Ratio	Lower	Upper
164	100		
129	96.2	70.6	131.2
131	92.0	64.6	120.0
166	121.2	88.3	164.1





#48

2-Hexanone

Concen: 7.196 ug/L

RT: 8.092 min Scan# 2190

Delta R.T. 0.010 min

Lab File: VV031879.D

Acq: 23 Aug 2023 19:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 24271

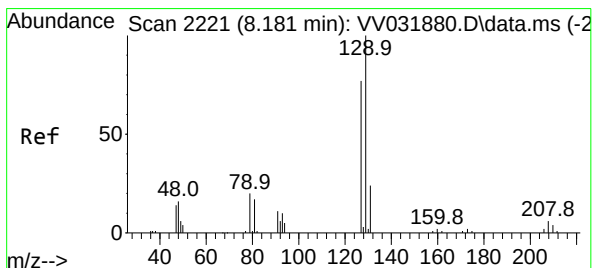
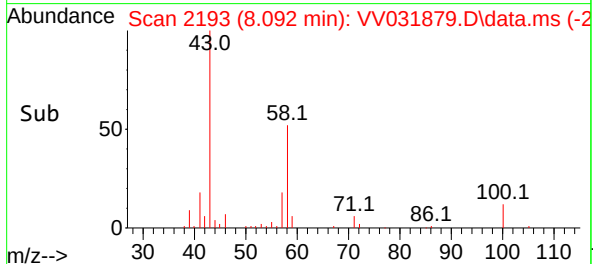
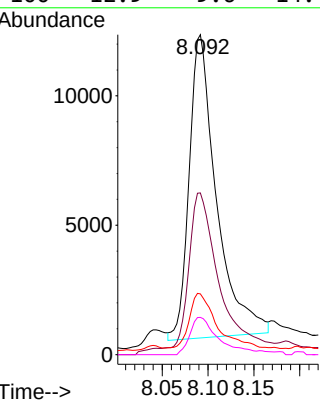
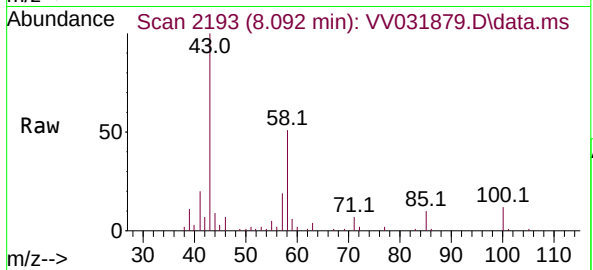
Ion Ratio Lower Upper

43 100

58 63.1 44.3 66.5

57 19.2 14.3 21.5

100 12.9 9.6 14.4



#49

Dibromochloromethane

Concen: 0.924 ug/L

RT: 8.182 min Scan# 2221

Delta R.T. 0.000 min

Lab File: VV031879.D

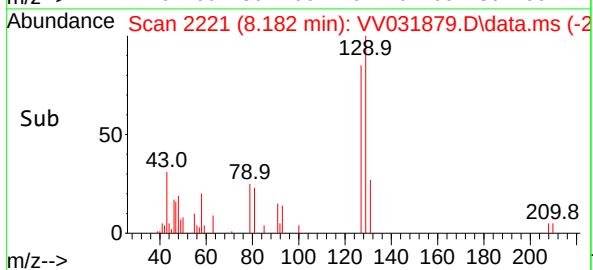
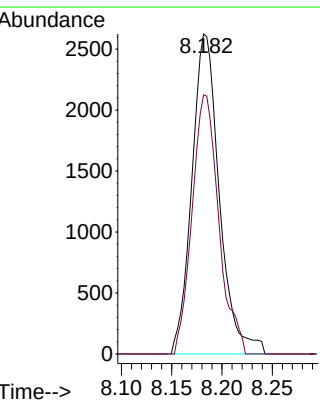
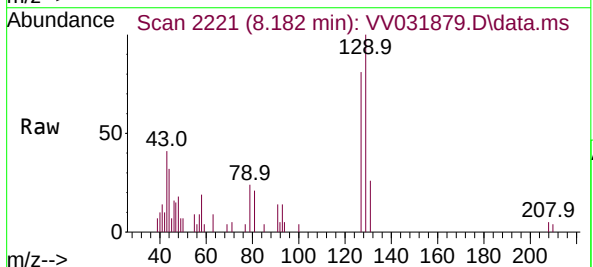
Acq: 23 Aug 2023 19:59

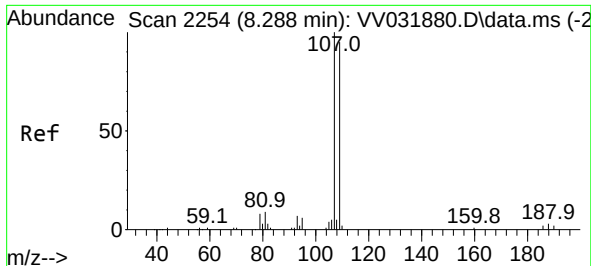
Tgt Ion: 129 Resp: 4990

Ion Ratio Lower Upper

129 100

127 80.9 53.7 99.7





#50

1,2-Dibromoethane

Concen: 0.913 ug/L

RT: 8.294 min Scan# 21

Delta R.T. 0.007 min

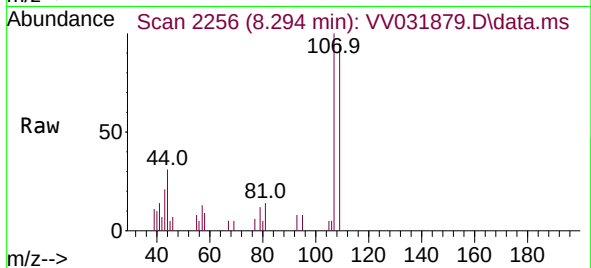
Lab File: VV031879.D

Acq: 23 Aug 2023 19:59

Instrument :

MSVOA_V

ClientSampleId :



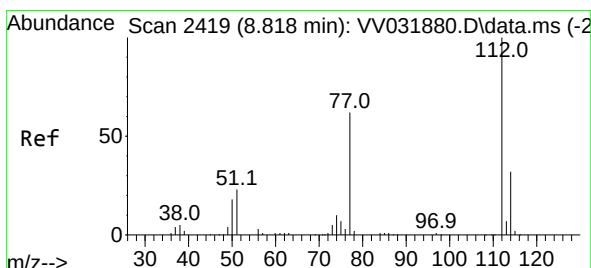
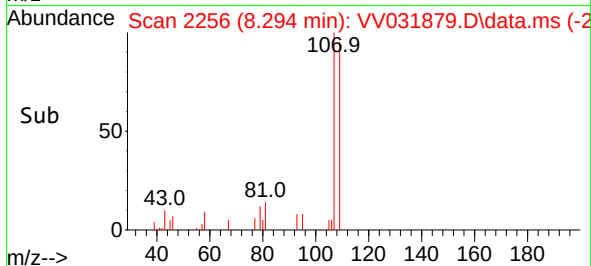
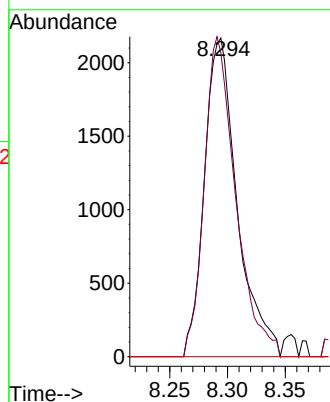
Tgt Ion:107 Resp: 4278

Ion Ratio Lower Upper

107 100

109 95.4 66.3 123.1

188 0.0 2.6 3.8#



#51

Chlorobenzene

Concen: 0.985 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. 0.003 min

Lab File: VV031879.D

Acq: 23 Aug 2023 19:59

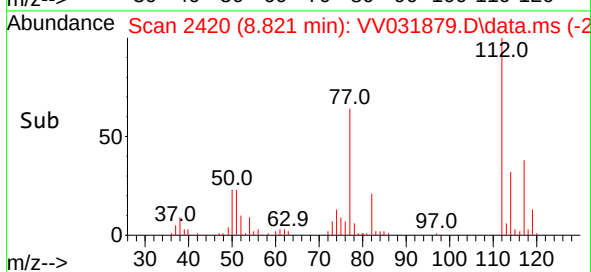
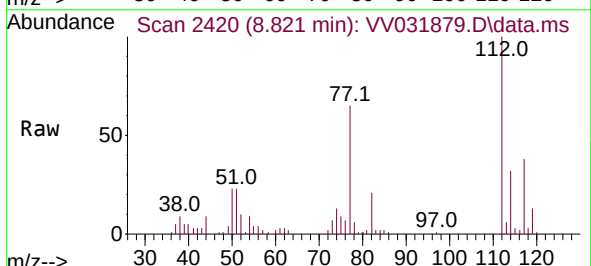
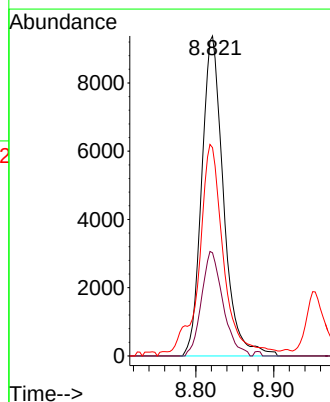
Tgt Ion:112 Resp: 18201

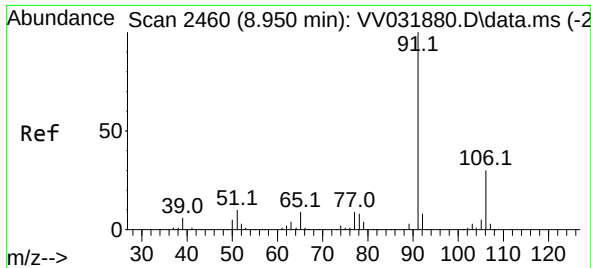
Ion Ratio Lower Upper

112 100

114 32.3 22.3 41.3

77 65.1 50.6 75.8





#52

Ethylbenzene

Concen: 1.006 ug/L

RT: 8.953 min Scan# 2460

Delta R.T. 0.003 min

Lab File: VV031879.D

Acq: 23 Aug 2023 19:59

Instrument :

MSVOA_V

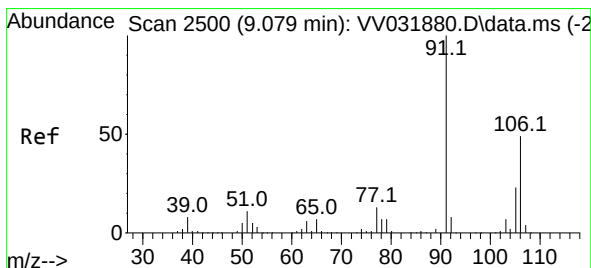
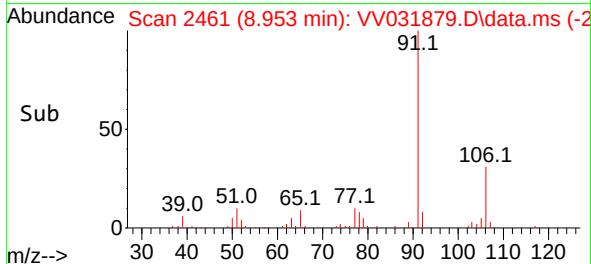
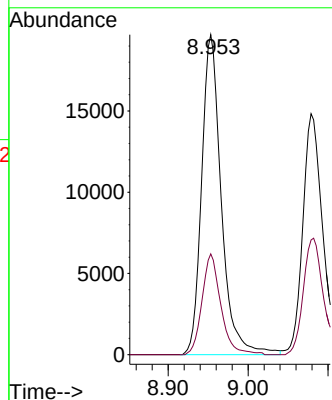
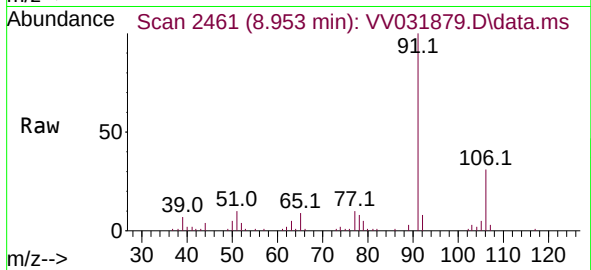
ClientSampleId :

Tgt Ion: 91 Resp: 33743

Ion Ratio Lower Upper

91 100

106 31.5 21.3 39.5



#53

m,p-Xylene

Concen: 1.009 ug/L

RT: 9.082 min Scan# 2501

Delta R.T. 0.003 min

Lab File: VV031879.D

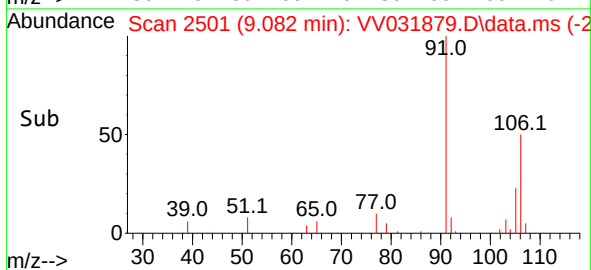
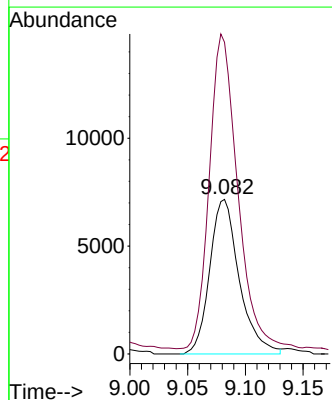
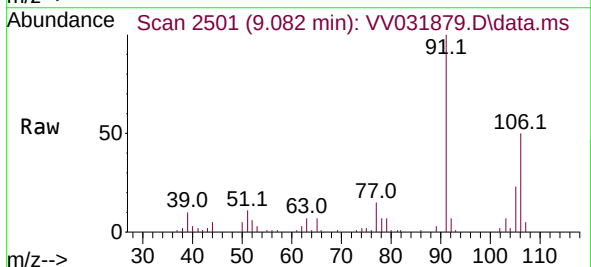
Acq: 23 Aug 2023 19:59

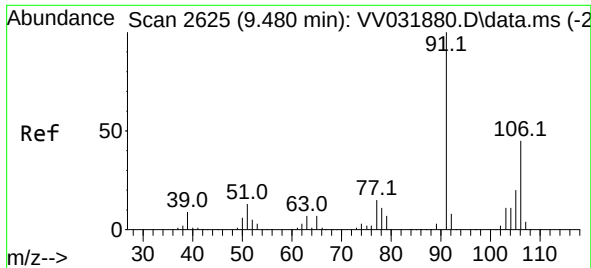
Tgt Ion: 106 Resp: 12752

Ion Ratio Lower Upper

106 100

91 201.6 142.7 265.1

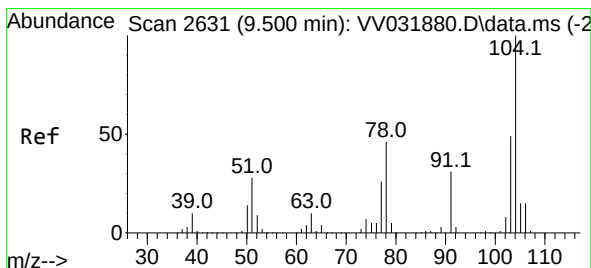
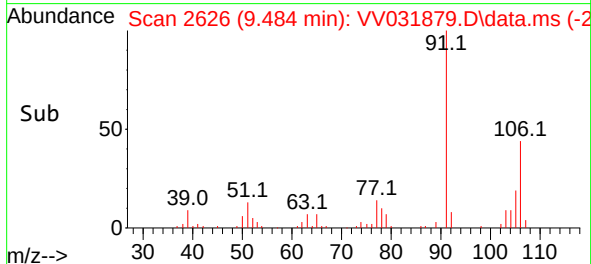
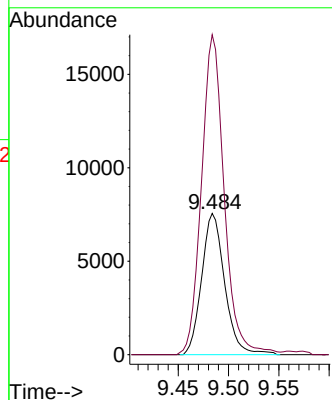
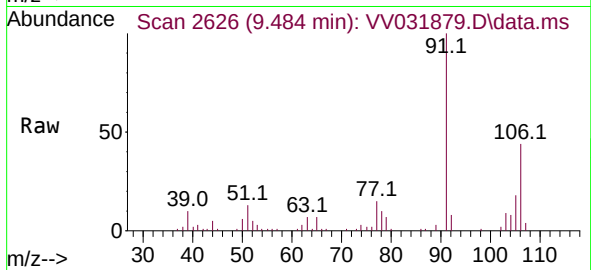




#54
o-Xylene
Concen: 0.985 ug/L
RT: 9.484 min Scan# 2625
Delta R.T. 0.003 min
Lab File: VV031879.D
Acq: 23 Aug 2023 19:59

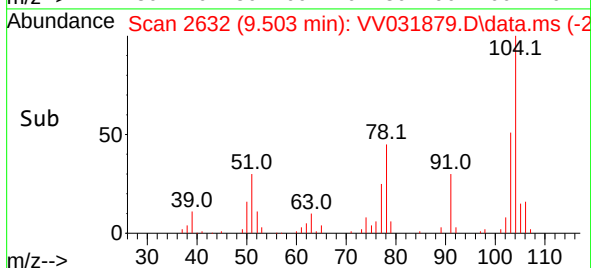
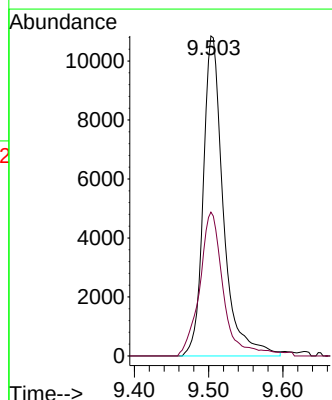
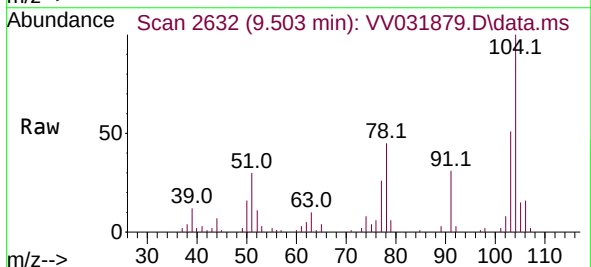
Instrument :
MSVOA_V
ClientSampleId :

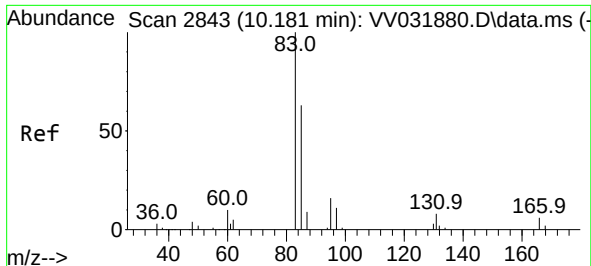
Tgt Ion:106 Resp: 12029
Ion Ratio Lower Upper
106 100
91 226.6 154.7 287.3



#55
Styrene
Concen: 0.968 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.003 min
Lab File: VV031879.D
Acq: 23 Aug 2023 19:59

Tgt Ion:104 Resp: 20395
Ion Ratio Lower Upper
104 100
78 45.0 32.1 59.7





#57

1,1,2,2-Tetrachloroethane

Concen: 0.934 ug/L

RT: 10.182 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV031879.D

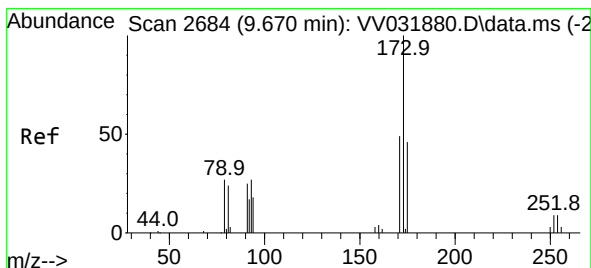
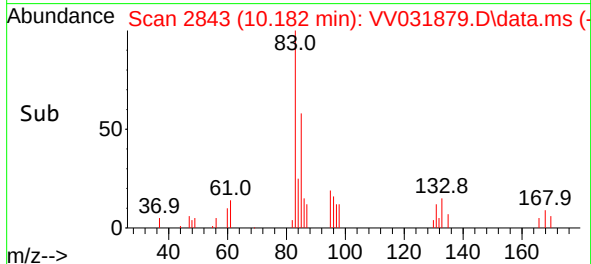
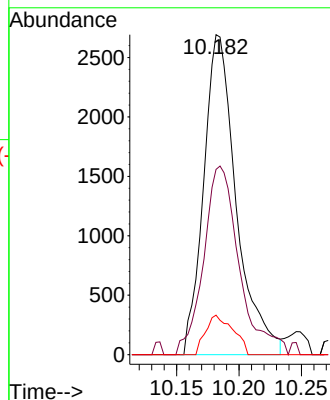
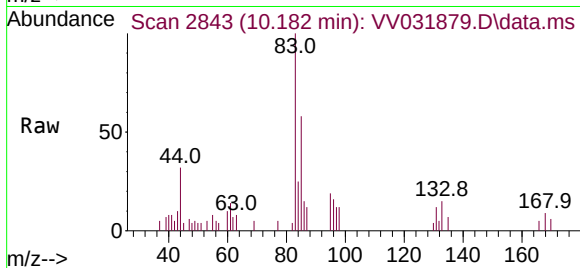
Acq: 23 Aug 2023 19:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 4901
Ion Ratio	Lower Upper
83 100	
85 57.9	46.6 86.6
131 12.3	7.4 11.2#



#59

Bromoform

Concen: 0.886 ug/L

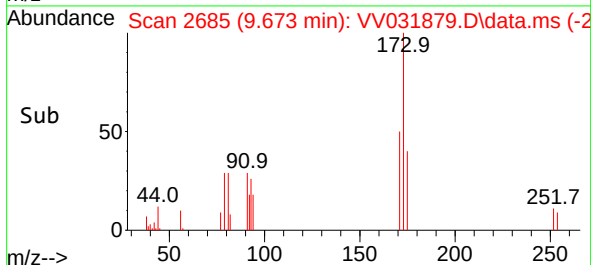
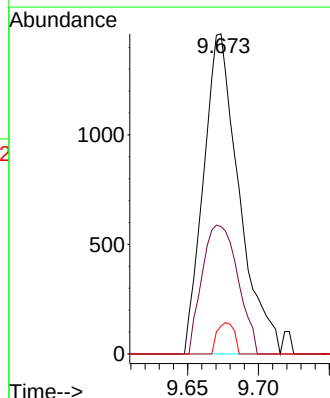
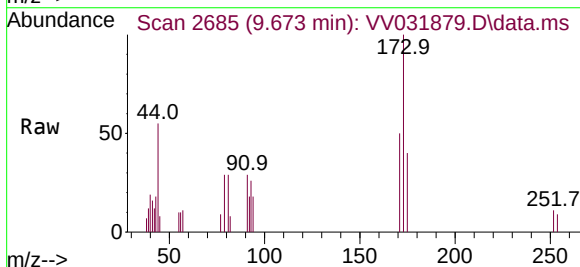
RT: 9.673 min Scan# 2685

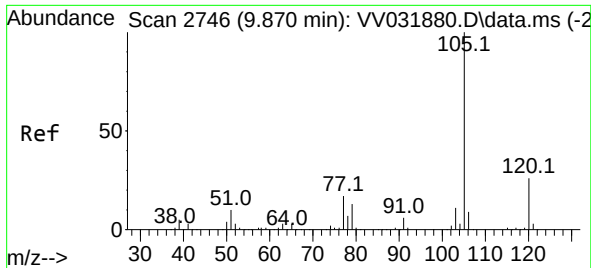
Delta R.T. 0.003 min

Lab File: VV031879.D

Acq: 23 Aug 2023 19:59

Tgt Ion: 173	Resp: 2542
Ion Ratio	Lower Upper
173 100	
175 40.6	38.0 57.0
254 4.6	6.8 10.2#

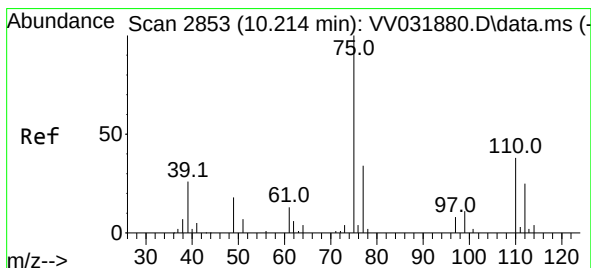
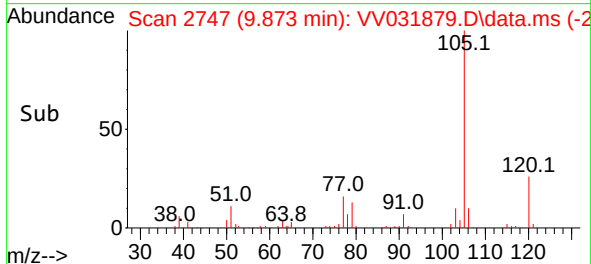
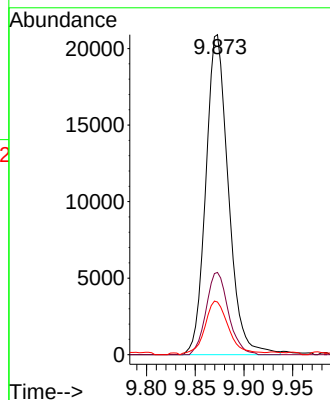
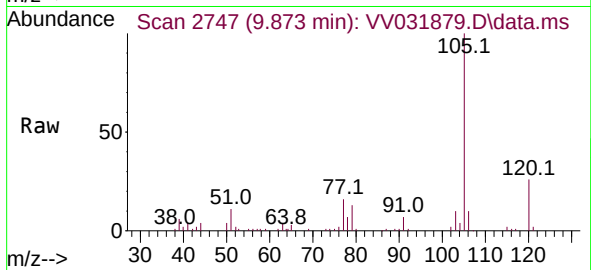




#60
Isopropylbenzene
Concen: 0.998 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV031879.D
Acq: 23 Aug 2023 19:59

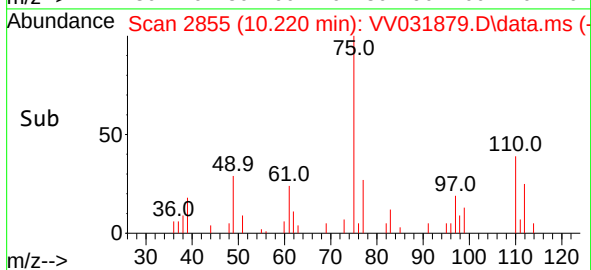
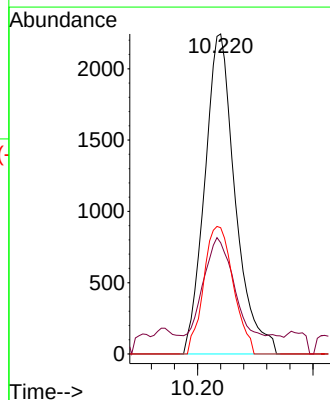
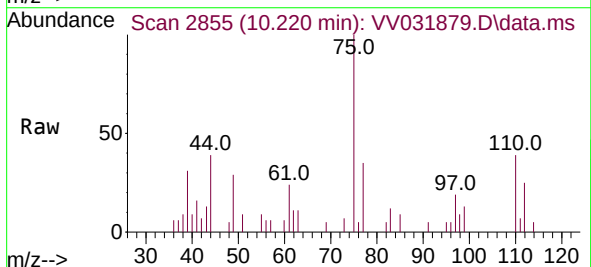
Instrument :
MSVOA_V
ClientSampleId :

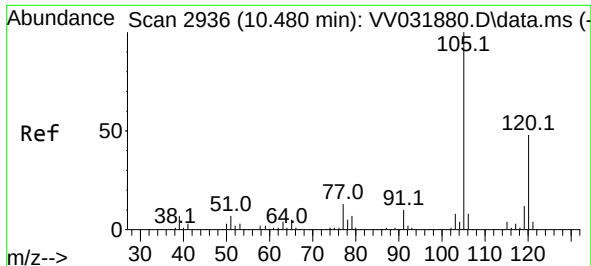
Tgt Ion:105 Resp: 33689
Ion Ratio Lower Upper
105 100
120 25.4 20.7 31.1
77 17.8 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 0.919 ug/L
RT: 10.220 min Scan# 2855
Delta R.T. 0.007 min
Lab File: VV031879.D
Acq: 23 Aug 2023 19:59

Tgt Ion: 75 Resp: 4109
Ion Ratio Lower Upper
75 100
77 28.6 28.8 43.2#
110 38.8 30.2 45.2





#62

1,3,5-Trimethylbenzene

Concen: 0.993 ug/L

RT: 10.481 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VV031879.D

Acq: 23 Aug 2023 19:59

Instrument :

MSVOA_V

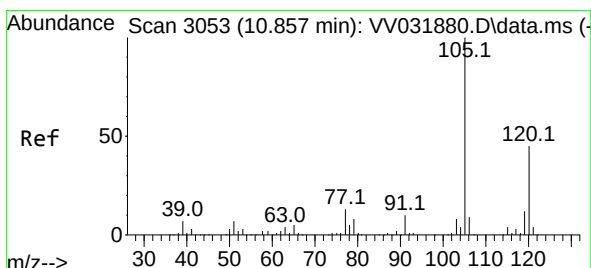
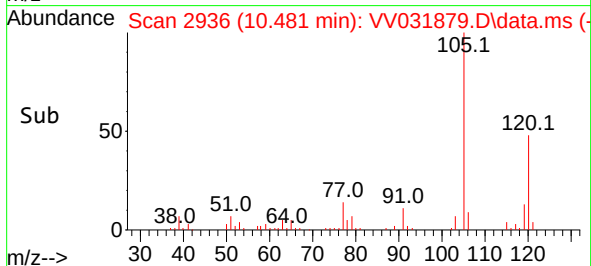
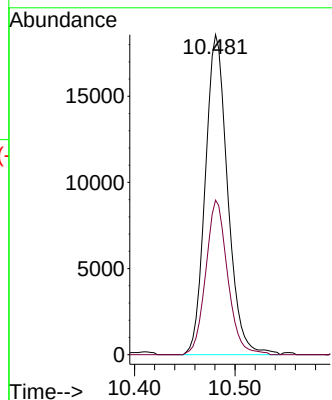
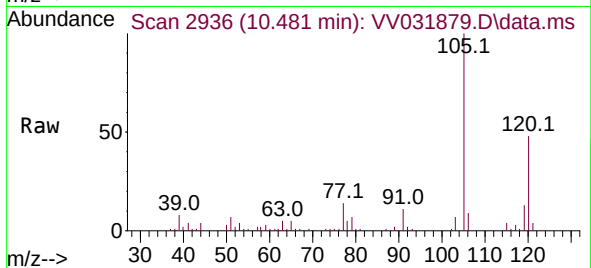
ClientSampleId :

Tgt Ion:105 Resp: 28711

Ion Ratio Lower Upper

105 100

120 47.2 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 1.005 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.000 min

Lab File: VV031879.D

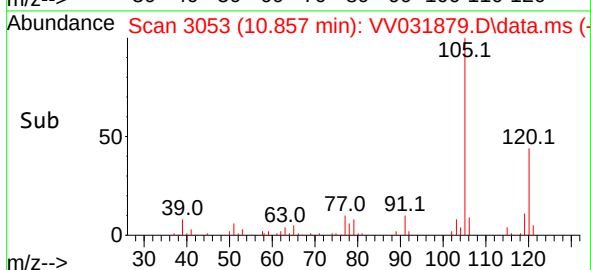
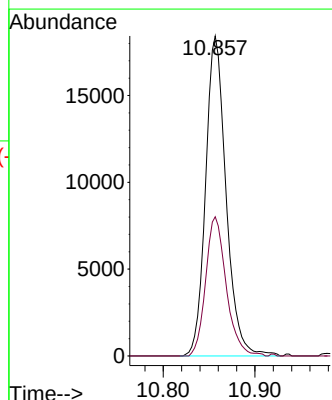
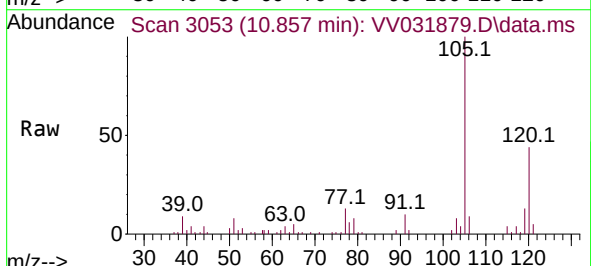
Acq: 23 Aug 2023 19:59

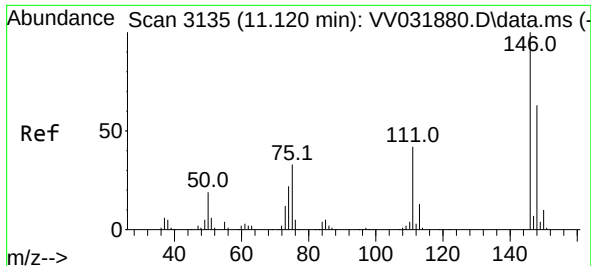
Tgt Ion:105 Resp: 28562

Ion Ratio Lower Upper

105 100

120 43.8 35.8 53.8

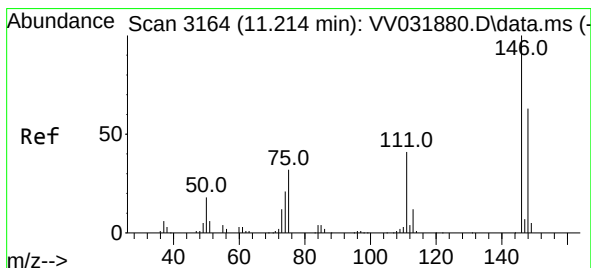
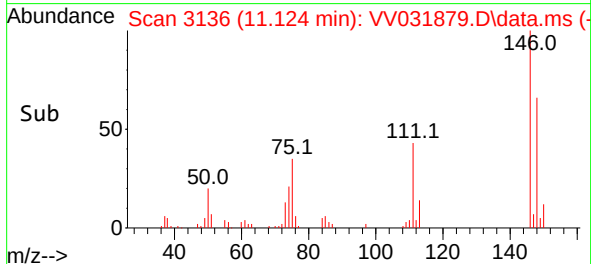
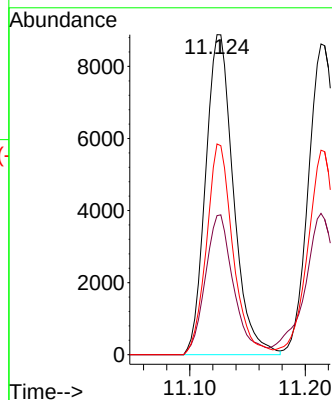
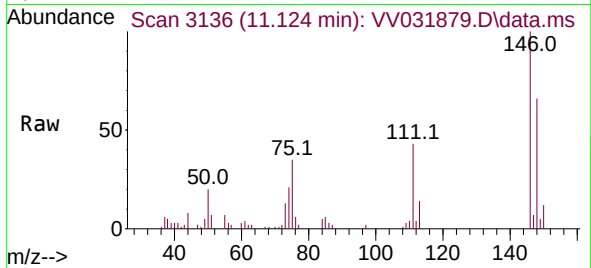




#64
1,3-Dichlorobenzene
Concen: 0.995 ug/L
RT: 11.124 min Scan# 3135
Delta R.T. 0.003 min
Lab File: VV031879.D
Acq: 23 Aug 2023 19:59

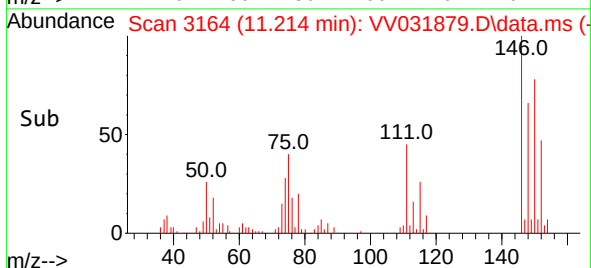
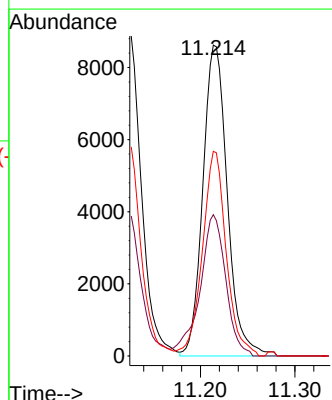
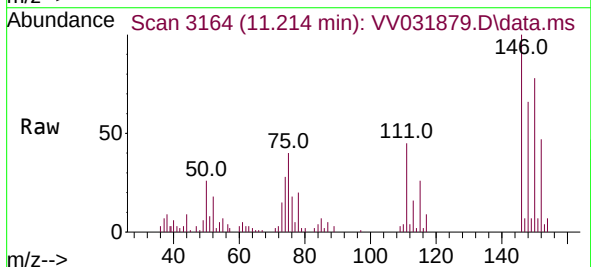
Instrument :
MSVOA_V
ClientSampleId :

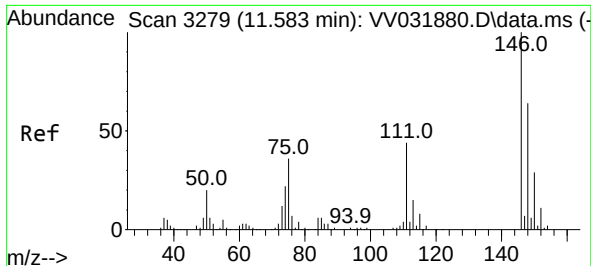
Tgt Ion:146 Resp: 14867
Ion Ratio Lower Upper
146 100
111 43.4 29.5 54.7
148 65.8 43.9 81.5



#65
1,4-Dichlorobenzene
Concen: 1.009 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VV031879.D
Acq: 23 Aug 2023 19:59

Tgt Ion:146 Resp: 15497
Ion Ratio Lower Upper
146 100
111 45.5 29.2 54.2
148 65.8 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 0.951 ug/L

RT: 11.587 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV031879.D

Acq: 23 Aug 2023 19:59

Instrument :

MSVOA_V

ClientSampleId :

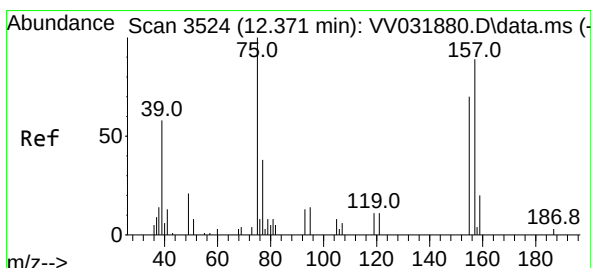
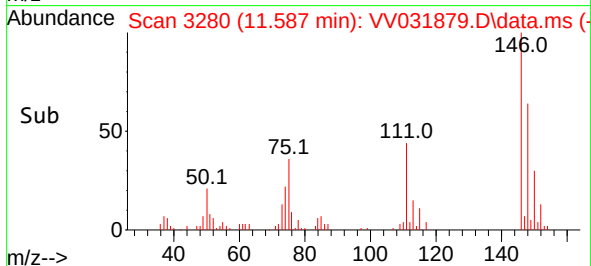
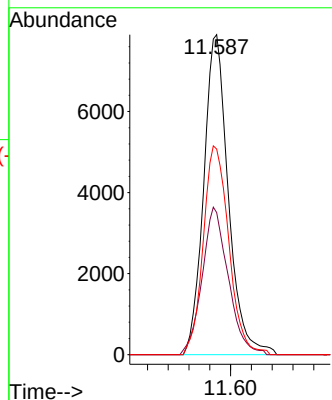
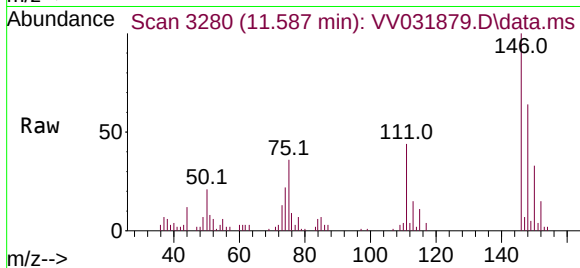
Tgt Ion:146 Resp: 13006

Ion Ratio Lower Upper

146 100

111 44.4 34.8 52.2

148 64.3 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 0.913 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. 0.000 min

Lab File: VV031879.D

Acq: 23 Aug 2023 19:59

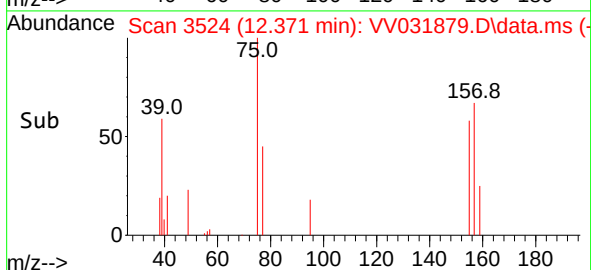
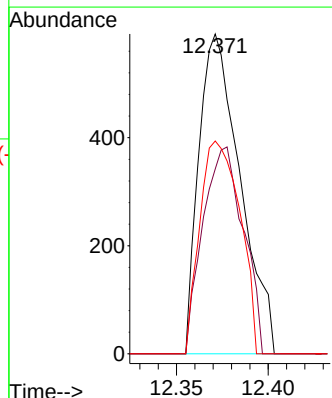
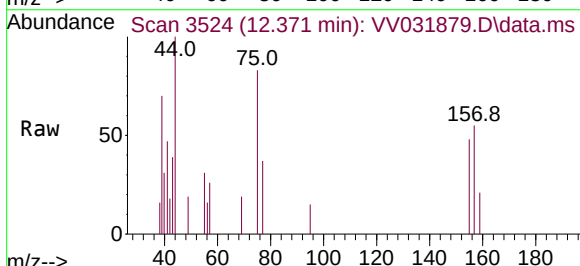
Tgt Ion: 75 Resp: 925

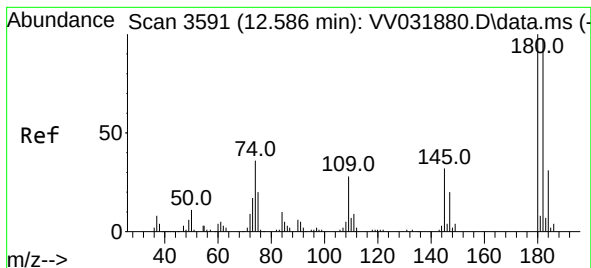
Ion Ratio Lower Upper

75 100

155 57.8 56.1 84.1

157 66.6 71.1 106.7#





#69

1,3,5-Trichlorobenzene

Concen: 1.005 ug/L

RT: 12.590 min Scan# 3592

Delta R.T. 0.003 min

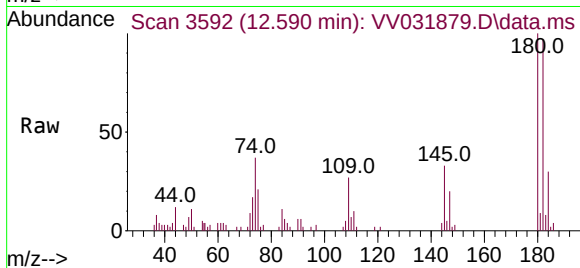
Lab File: VV031879.D

Acq: 23 Aug 2023 19:59

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 11164

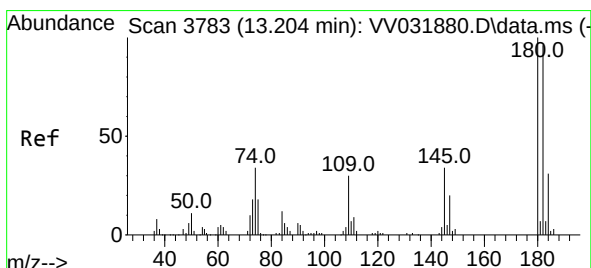
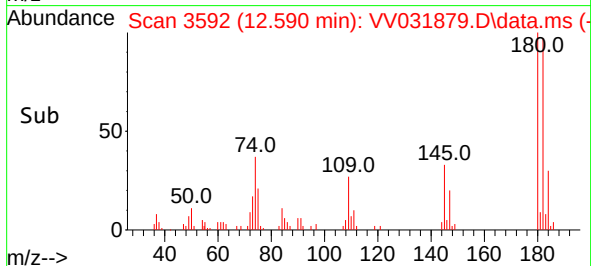
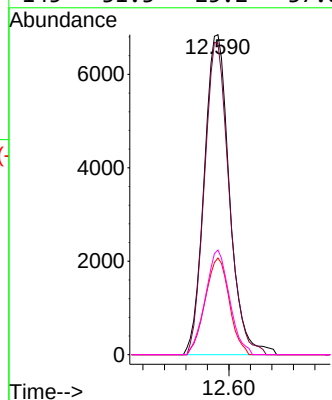
Ion Ratio Lower Upper

180 100

182 95.0 76.0 114.0

184 28.8 23.9 35.9

145 31.3 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 0.970 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.000 min

Lab File: VV031879.D

Acq: 23 Aug 2023 19:59

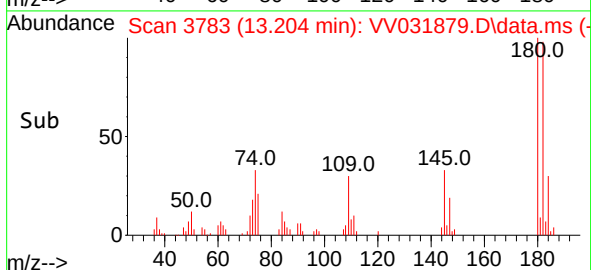
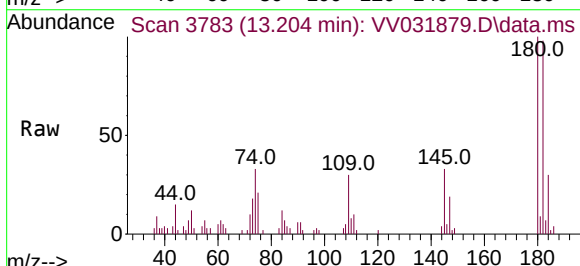
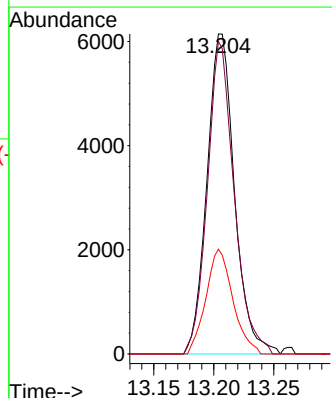
Tgt Ion:180 Resp: 9828

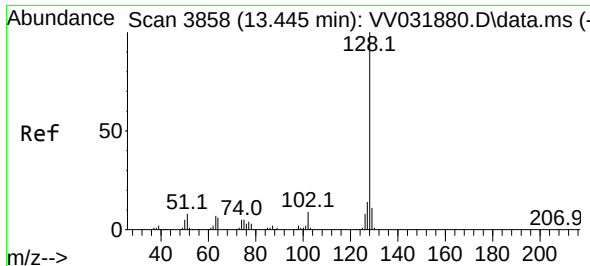
Ion Ratio Lower Upper

180 100

182 94.4 76.9 115.3

145 32.0 26.6 39.8

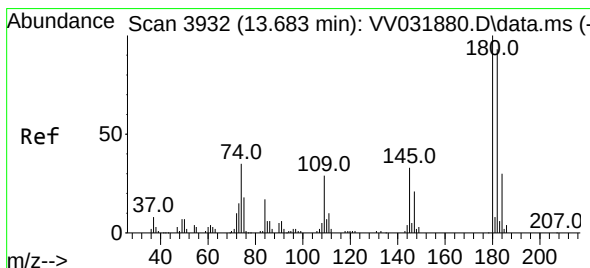
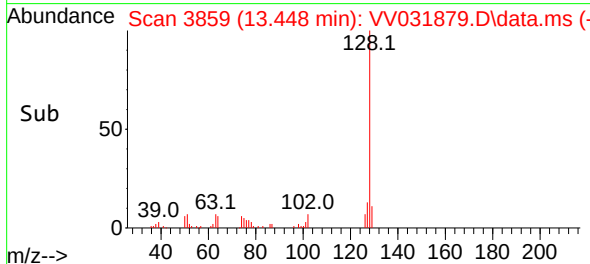
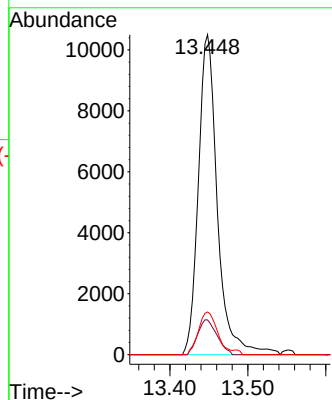
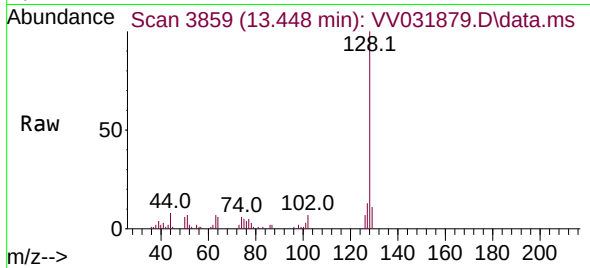




#71
Naphthalene
Concen: 0.931 ug/L
RT: 13.448 min Scan# 3858
Delta R.T. 0.003 min
Lab File: VV031879.D
Acq: 23 Aug 2023 19:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 17768
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.9 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 0.930 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. 0.003 min
Lab File: VV031879.D
Acq: 23 Aug 2023 19:59

Tgt Ion:180 Resp: 7930
Ion Ratio Lower Upper
180 100
182 95.0 75.9 113.9
145 35.0 27.3 40.9

