

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041723\
 Data File : VW030578.D
 Acq On : 17 Apr 2023 10:27
 Operator : SY/MD
 Sample : VSTD00515
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 18 02:09:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 18 02:09:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	232417	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	226676	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	119811	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	8173	4.797	ug/L	0.00
7) Chloroethane-d5	1.536	69	7313	5.122	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.066	65	4243	5.251	ug/L	0.00
21) 2-Butanone-d5	3.780	46	102	0.108	ug/L	-0.02
24) Chloroform-d	4.262	84	15766	5.106	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.957	65	10021	5.048	ug/L	0.00
32) Benzene-d6	4.973	84	24482	4.568	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	8541	5.131	ug/L	0.00
41) Toluene-d8	7.249	98	21524	4.278	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	3803	4.532	ug/L	0.00
47) 2-Hexanone-d5	8.040	63	4521	7.225	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	11302	4.679	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.571	152	9235	4.849	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	10336	5.173	ug/L	97
3) Chloromethane	1.217	50	14599	5.569	ug/L	99
5) Vinyl chloride	1.285	62	10766	5.094	ug/L	99
6) Bromomethane	1.494	94	4391	5.240	ug/L	93
8) Chloroethane	1.555	64	7025	4.847	ug/L	98
9) Trichlorofluoromethane	1.719	101	17621	5.145	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	9241	5.134	ug/L	95
12) 1,1-Dichloroethene	2.076	96	8024	4.931	ug/L	99
13) Acetone	2.130	43	15932	11.002	ug/L	91
14) Carbon disulfide	2.246	76	22542	4.904	ug/L	96
15) Methyl Acetate	2.388	43	8761	4.534	ug/L	96
16) Methylene chloride	2.452	84	10071	5.408	ug/L	99
17) trans-1,2-Dichloroethene	2.703	96	8005	4.872	ug/L	91
18) Methyl tert-butyl Ether	2.709	73	22733	4.320	ug/L	94
19) 1,1-Dichloroethane	3.121	63	17011	5.078	ug/L	98
20) cis-1,2-Dichloroethene	3.822	96	7986	4.469	ug/L	93
22) 2-Butanone	3.838	43	277	0.182	ug/L	86
23) Bromochloromethane	4.159	128	4988	4.997	ug/L	93
25) Chloroform	4.288	83	16447	4.744	ug/L	99
27) 1,2-Dichloroethane	5.053	62	12898	4.396	ug/L #	92
29) Cyclohexane	4.590	56	11633	4.276	ug/L	96
30) 1,1,1-Trichloroethane	4.516	97	15814	4.965	ug/L	96
31) Carbon tetrachloride	4.741	117	13946	4.897	ug/L	99
33) Benzene	5.018	78	30483	4.428	ug/L	100
34) Trichloroethene	5.844	95	8485	4.739	ug/L	93
35) Methylcyclohexane	6.056	83	11752	4.189	ug/L	96
37) 1,2-Dichloropropane	6.105	63	8195	4.423	ug/L #	96
38) Bromodichloromethane	6.439	83	12752	4.900	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	11502	4.136	ug/L	94
40) 4-Methyl-2-pentanone	7.169	43	19805	7.760	ug/L	98
42) Toluene	7.323	91	30507	4.138	ug/L	91
44) trans-1,3-Dichloropropene	7.593	75	10492	3.841	ug/L	100

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

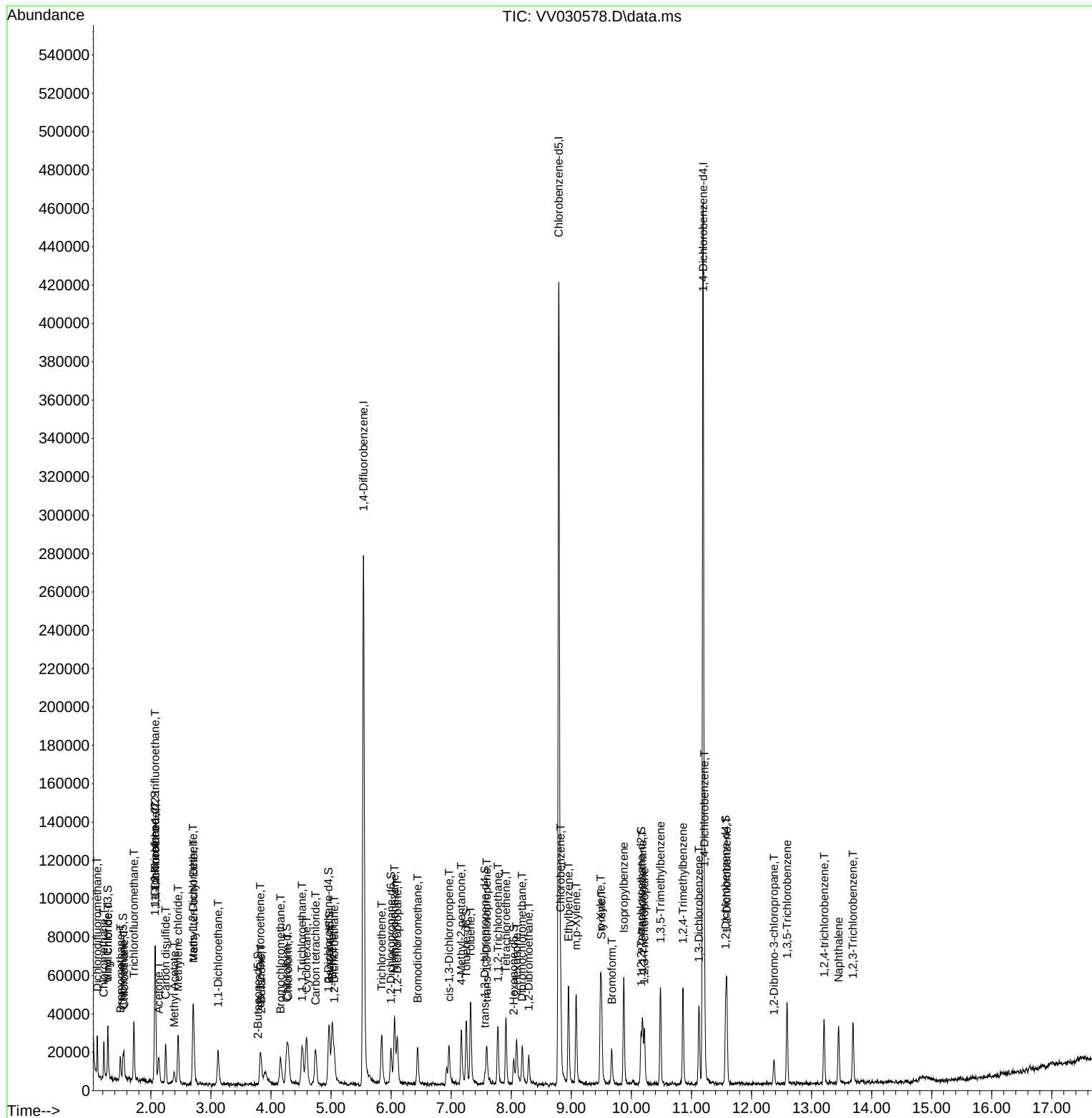
45) 1,1,2-Trichloroethane	7.777	97	8870	4.774	ug/L	96
46) Tetrachloroethene	7.912	164	7626	4.866	ug/L	94
48) 2-Hexanone	8.088	43	15704	7.657	ug/L	96
49) Dibromochloromethane	8.182	129	9825	4.795	ug/L	96
50) 1,2-Dibromoethane	8.291	107	8844	4.594	ug/L #	95
51) Chlorobenzene	8.822	112	23019	4.714	ug/L	97
52) Ethylbenzene	8.953	91	33593	4.116	ug/L	95
53) m,p-Xylene	9.082	106	12509	4.057	ug/L	95
54) o-Xylene	9.487	106	13050	4.327	ug/L	80
55) Styrene	9.503	104	21214	4.004	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	14270	4.678	ug/L	99
59) Bromoform	9.674	173	7567	5.045	ug/L	95
60) Isopropylbenzene	9.873	105	32746	4.382	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	10561	4.922	ug/L	94
62) 1,3,5-Trimethylbenzene	10.484	105	26389	4.289	ug/L	97
63) 1,2,4-Trimethylbenzene	10.860	105	25913	4.219	ug/L	96
64) 1,3-Dichlorobenzene	11.127	146	17201	4.598	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	18739	4.750	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	17449	4.623	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.374	75	3249	5.118	ug/L	95
69) 1,3,5-Trichlorobenzene	12.593	180	12902	4.566	ug/L	98
70) 1,2,4-trichlorobenzene	13.210	180	9742	4.060	ug/L	98
71) Naphthalene	13.448	128	23668	3.606	ug/L	99
72) 1,2,3-Trichlorobenzene	13.690	180	9654	4.058	ug/L	99

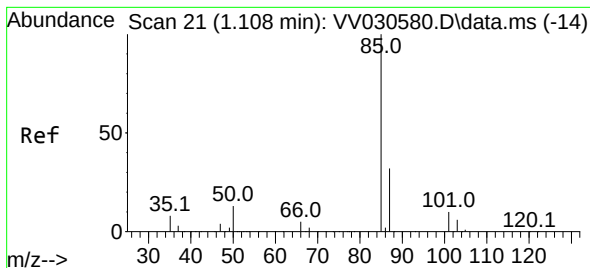
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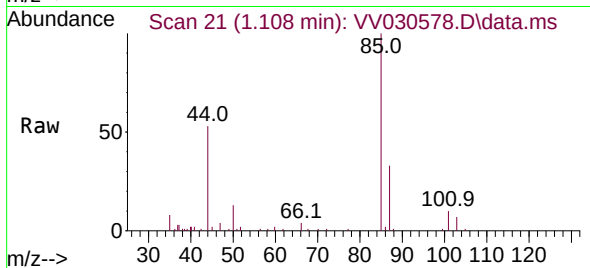
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
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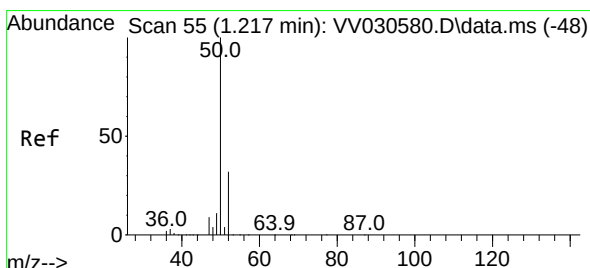
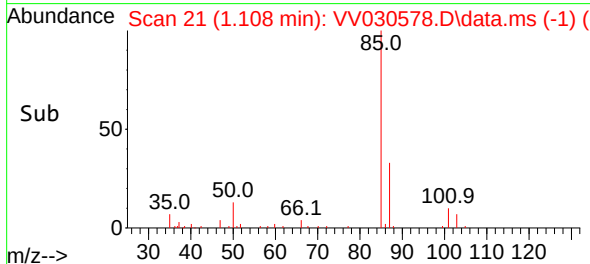
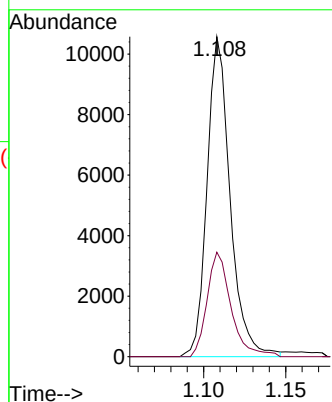


#2
 Dichlorodifluoromethane
 Concen: 5.173 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV030578.D
 Acq: 17 Apr 2023 10:27

Instrument :
 MSVOA_V
 ClientSampleId :

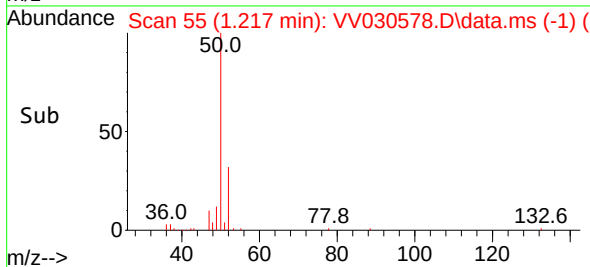
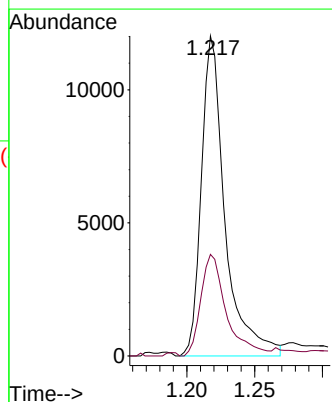
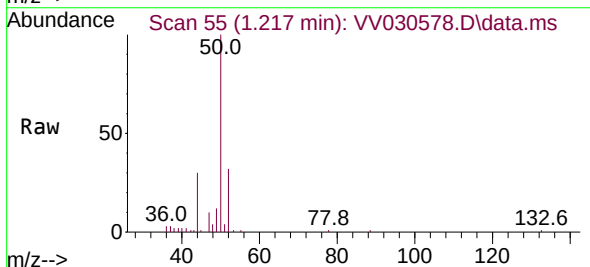


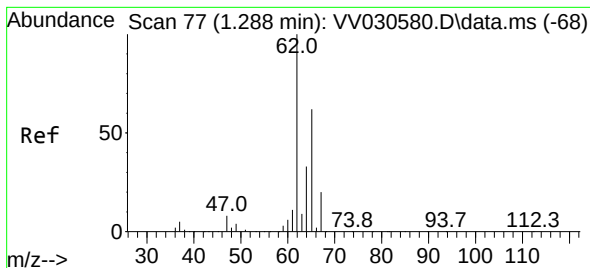
Tgt Ion: 85 Resp: 10336
 Ion Ratio Lower Upper
 85 100
 87 33.8 25.6 38.4



#3
 Chloromethane
 Concen: 5.569 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV030578.D
 Acq: 17 Apr 2023 10:27

Tgt Ion: 50 Resp: 14599
 Ion Ratio Lower Upper
 50 100
 52 31.8 22.5 41.9





#5

Vinyl chloride

Concen: 5.094 ug/L

RT: 1.285 min Scan# 77

Delta R.T. -0.003 min

Lab File: VV030578.D

Acq: 17 Apr 2023 10:27

Instrument :

MSVOA_V

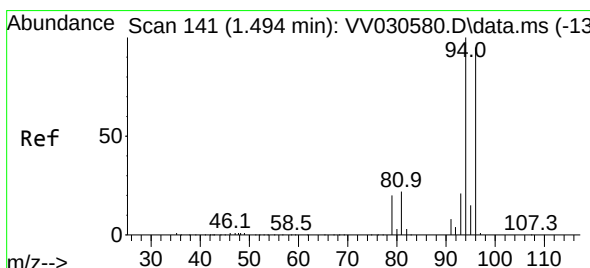
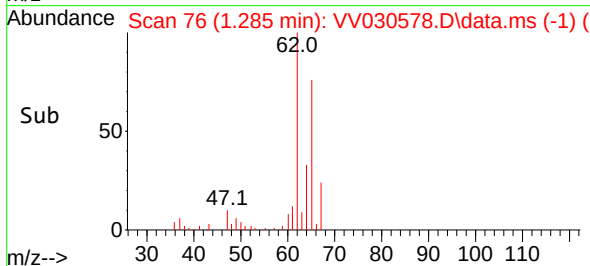
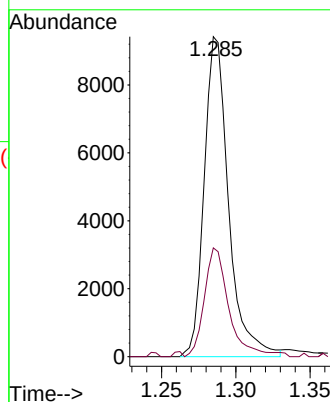
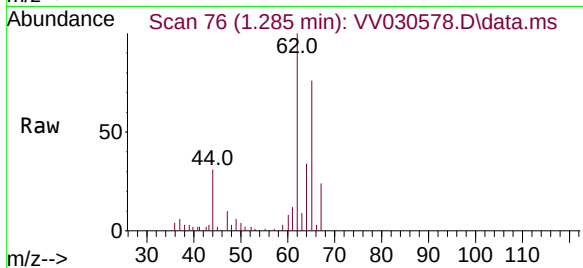
ClientSampleId :

Tgt Ion: 62 Resp: 10766

Ion Ratio Lower Upper

62 100

64 34.0 23.4 43.4



#6

Bromomethane

Concen: 5.240 ug/L

RT: 1.494 min Scan# 141

Delta R.T. 0.000 min

Lab File: VV030578.D

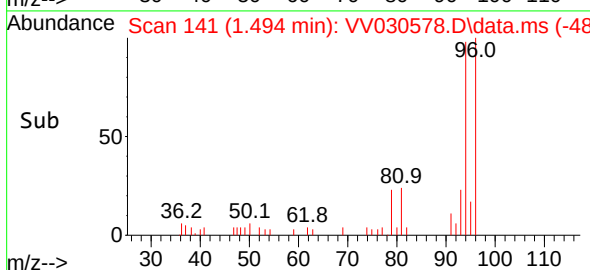
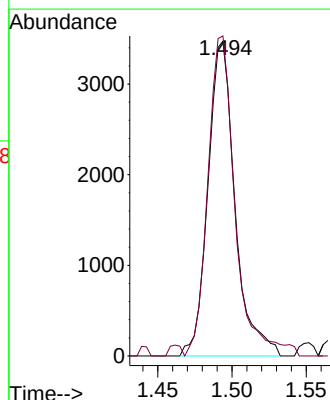
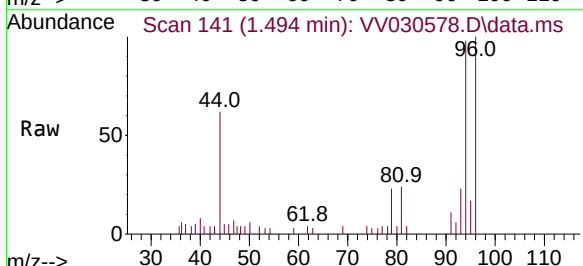
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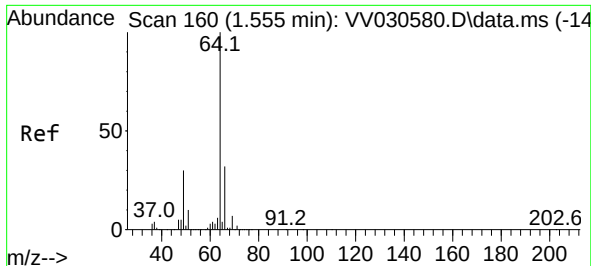
Tgt Ion: 94 Resp: 4391

Ion Ratio Lower Upper

94 100

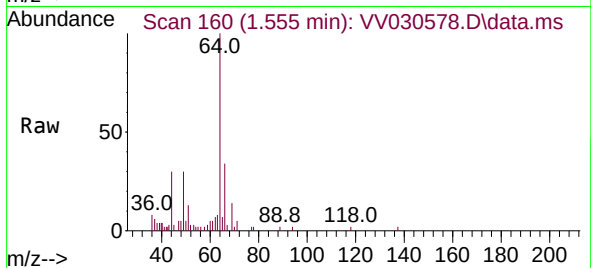
96 101.7 66.3 123.1



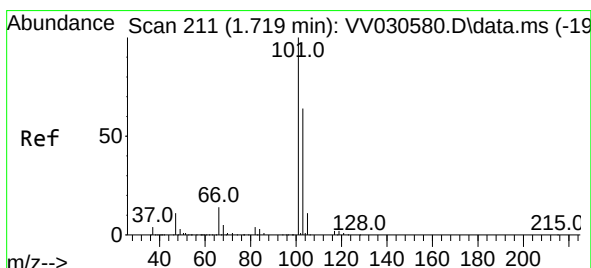
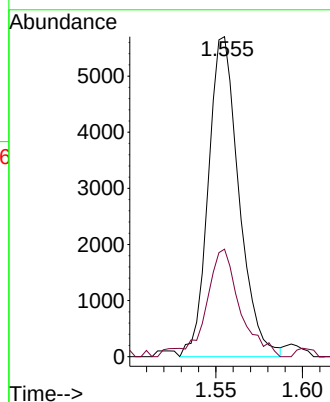
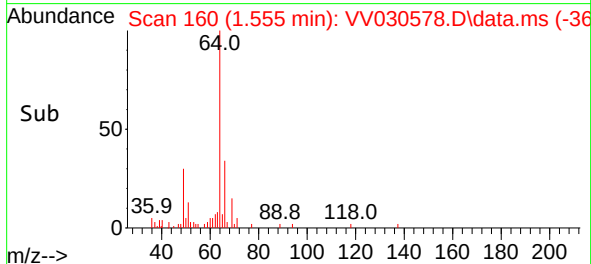


#8
Chloroethane
Concen: 4.847 ug/L
RT: 1.555 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV030578.D
Acq: 17 Apr 2023 10:27

Instrument :
MSVOA_V
ClientSampleId :

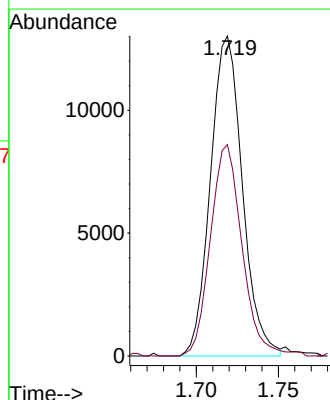
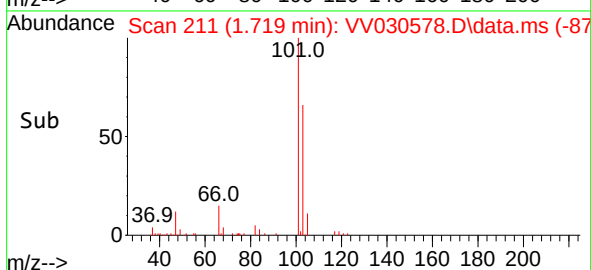
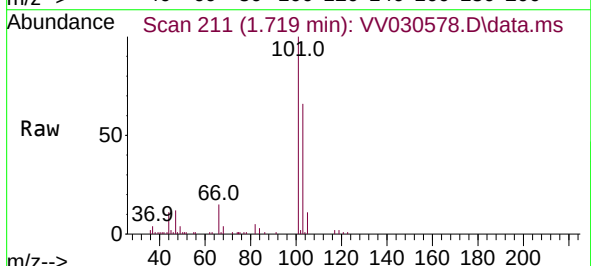


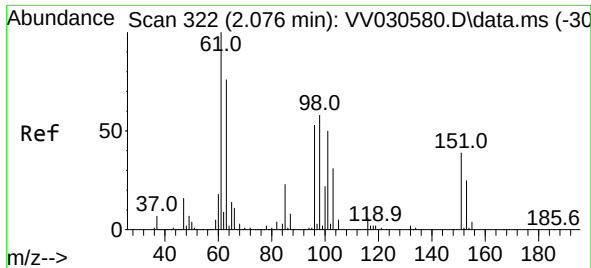
Tgt Ion: 64 Resp: 7025
Ion Ratio Lower Upper
64 100
66 33.6 22.7 42.3



#9
Trichlorofluoromethane
Concen: 5.145 ug/L
RT: 1.719 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV030578.D
Acq: 17 Apr 2023 10:27

Tgt Ion:101 Resp: 17621
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.0

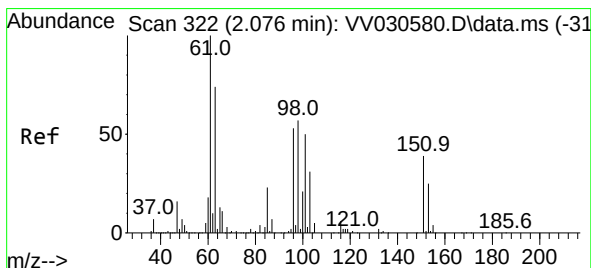
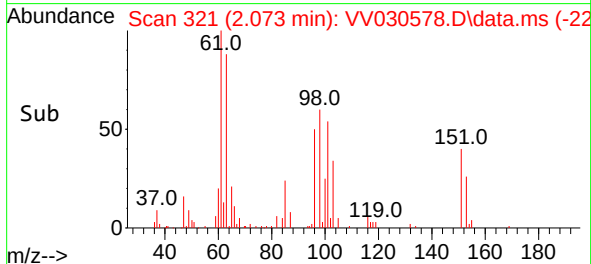
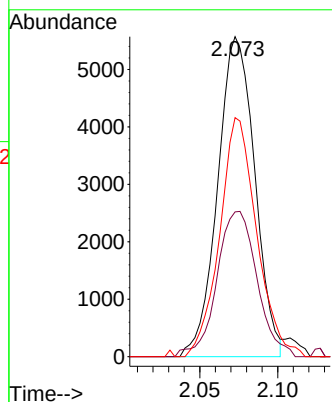
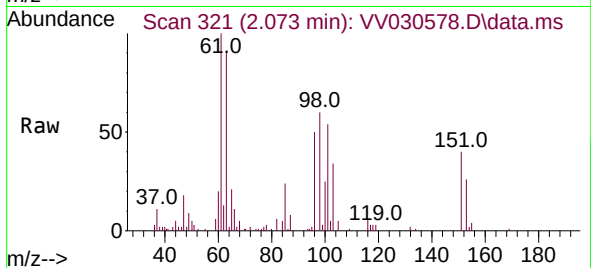




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.134 ug/L
 RT: 2.073 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV030578.D
 Acq: 17 Apr 2023 10:27

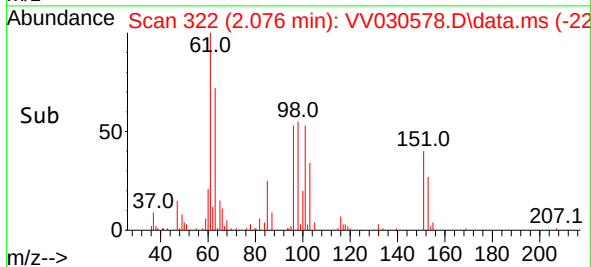
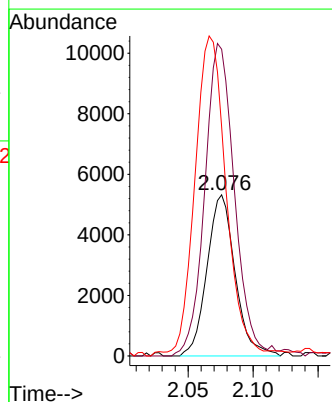
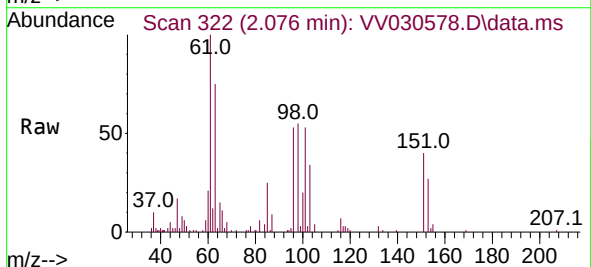
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 ClientSampleId :

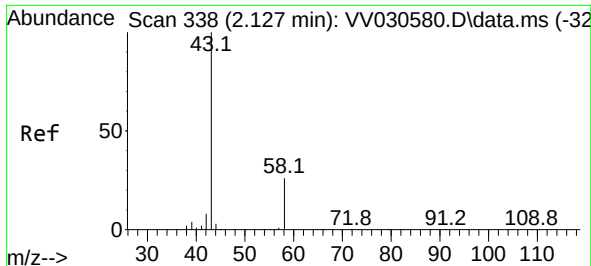
Tgt Ion:101 Resp: 9241
 Ion Ratio Lower Upper
 101 100
 85 49.0 37.5 56.3
 151 74.5 63.5 95.3



#12
 1,1-Dichloroethene
 Concen: 4.931 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. 0.000 min
 Lab File: VV030578.D
 Acq: 17 Apr 2023 10:27

Tgt Ion: 96 Resp: 8024
 Ion Ratio Lower Upper
 96 100
 61 190.2 131.9 245.0
 63 142.1 99.8 185.3





#13

Acetone

Concen: 11.002 ug/L

RT: 2.130 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030578.D

Acq: 17 Apr 2023 10:27

Instrument :

MSVOA_V

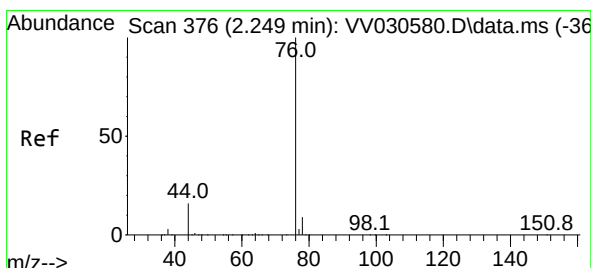
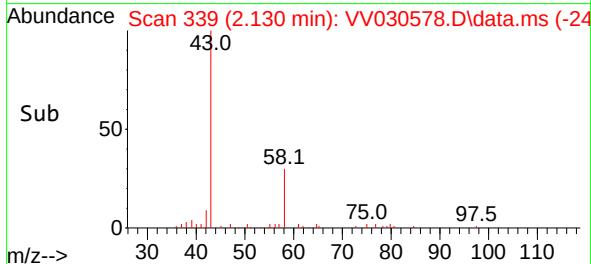
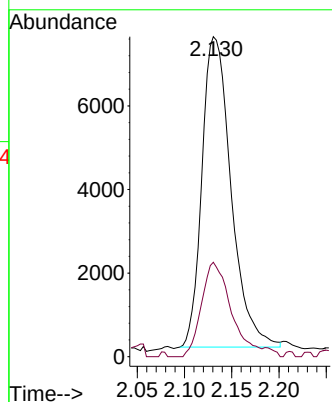
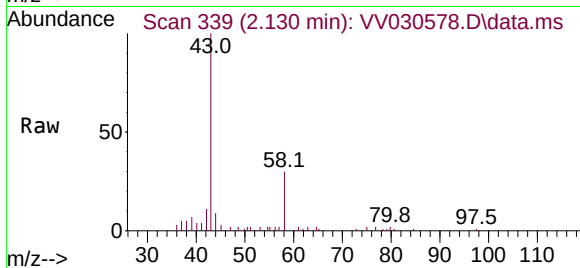
ClientSampleId :

Tgt Ion: 43 Resp: 15932

Ion Ratio Lower Upper

43 100

58 30.8 0.0 52.8



#14

Carbon disulfide

Concen: 4.904 ug/L

RT: 2.246 min Scan# 375

Delta R.T. -0.003 min

Lab File: VV030578.D

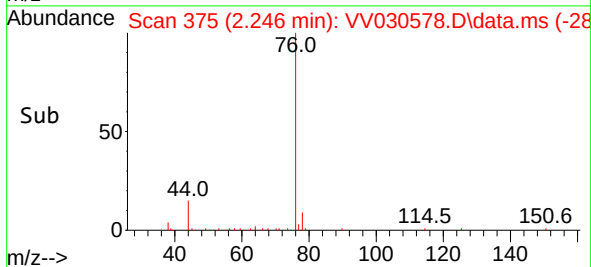
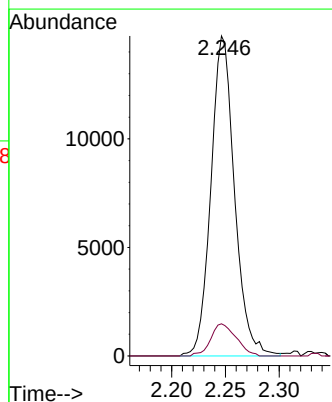
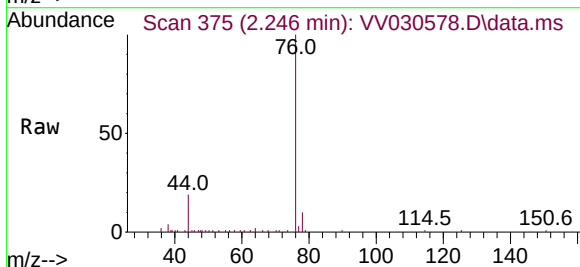
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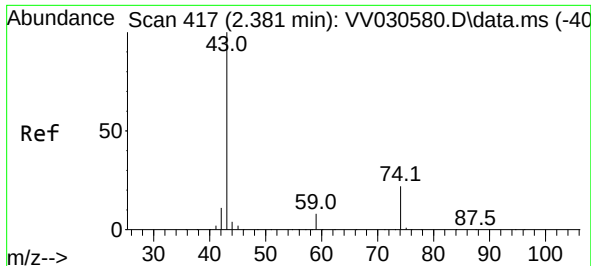
Tgt Ion: 76 Resp: 22542

Ion Ratio Lower Upper

76 100

78 10.0 7.0 10.4

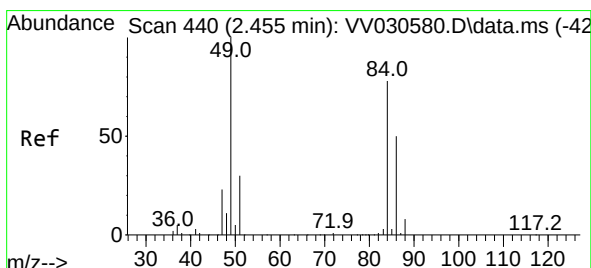
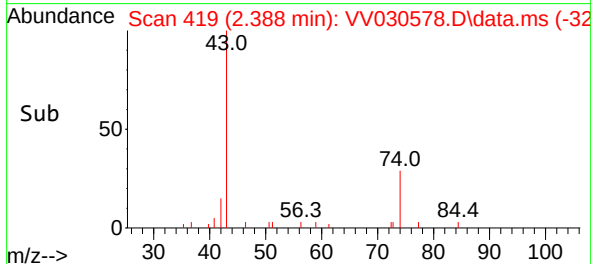
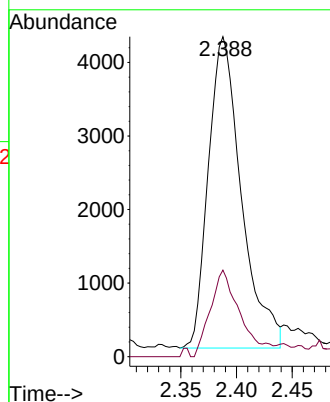
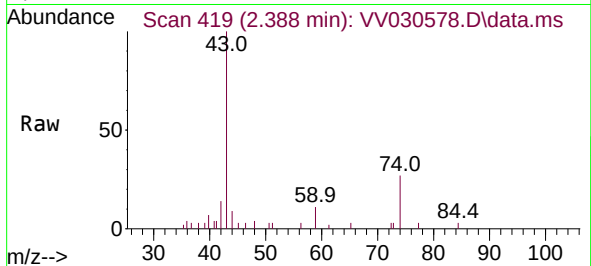




#15
Methyl Acetate
Concen: 4.534 ug/L
RT: 2.388 min Scan# 417
Delta R.T. 0.007 min
Lab File: VV030578.D
Acq: 17 Apr 2023 10:27

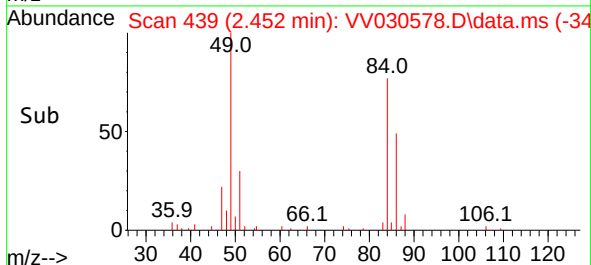
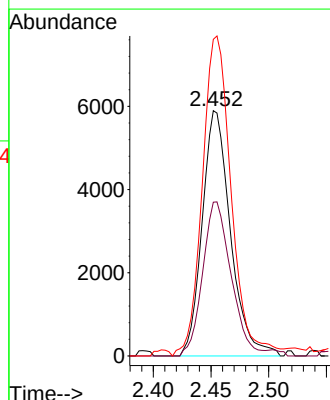
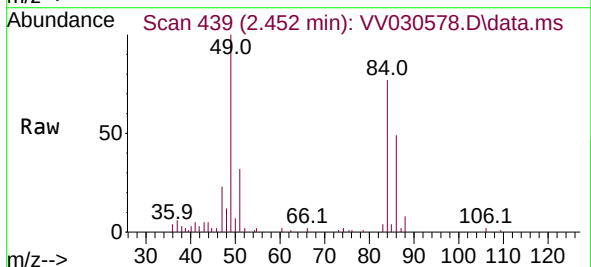
Instrument :
MSVOA_V
ClientSampleId :

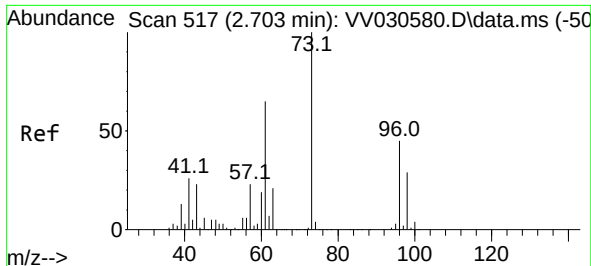
Tgt Ion: 43 Resp: 8761
Ion Ratio Lower Upper
43 100
74 24.1 17.7 26.5



#16
Methylene chloride
Concen: 5.408 ug/L
RT: 2.452 min Scan# 439
Delta R.T. -0.003 min
Lab File: VV030578.D
Acq: 17 Apr 2023 10:27

Tgt Ion: 84 Resp: 10071
Ion Ratio Lower Upper
84 100
86 62.7 45.4 84.2
49 129.1 90.4 168.0

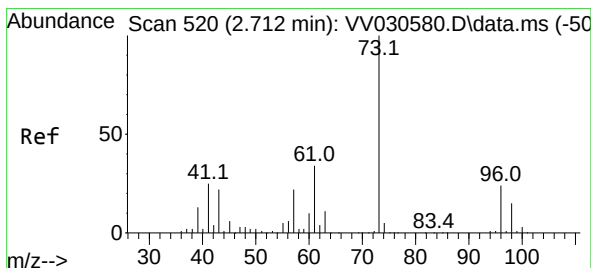
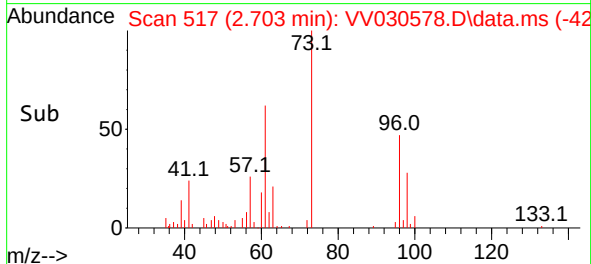
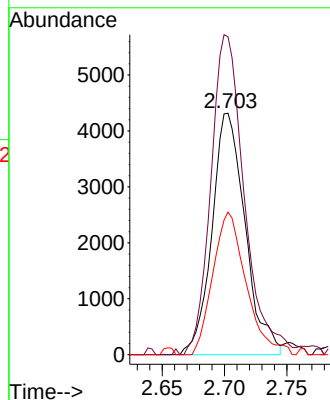
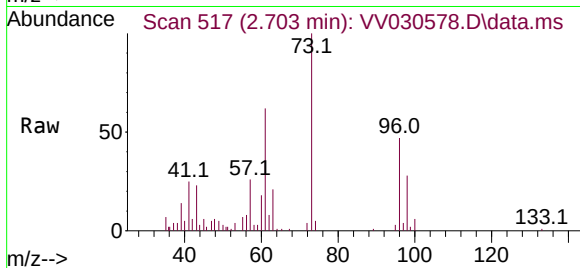




#17
trans-1,2-Dichloroethene
Concen: 4.872 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV030578.D
Acq: 17 Apr 2023 10:27

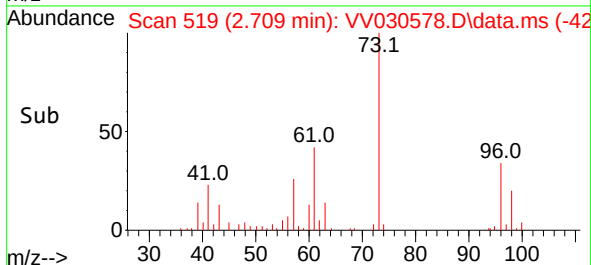
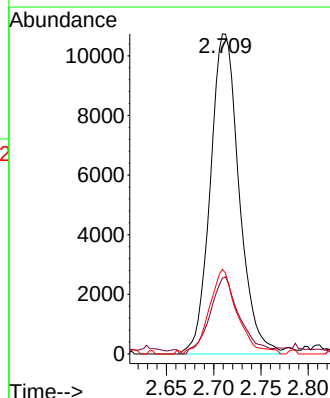
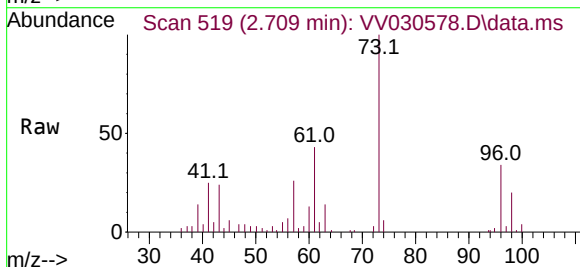
Instrument :
MSVOA_V
ClientSampleId :

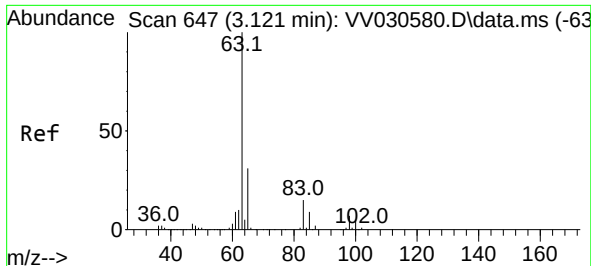
Tgt Ion	96	Resp:	8005
Ion	Ratio	Lower	Upper
96	100		
61	131.7	101.0	187.6
98	59.1	45.4	84.2



#18
Methyl tert-butyl Ether
Concen: 4.320 ug/L
RT: 2.709 min Scan# 519
Delta R.T. -0.003 min
Lab File: VV030578.D
Acq: 17 Apr 2023 10:27

Tgt Ion	73	Resp:	22733
Ion	Ratio	Lower	Upper
73	100		
43	24.7	17.6	26.4
57	25.6	18.2	27.2





#19

1,1-Dichloroethane

Concen: 5.078 ug/L

RT: 3.121 min Scan# 647

Delta R.T. 0.000 min

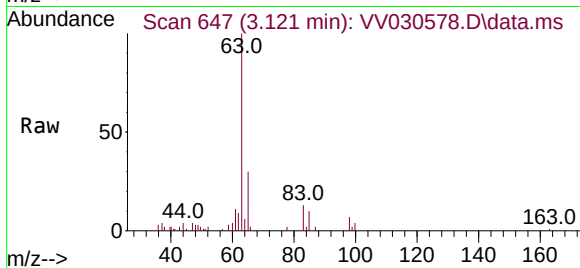
Lab File: VV030578.D

Acq: 17 Apr 2023 10:27

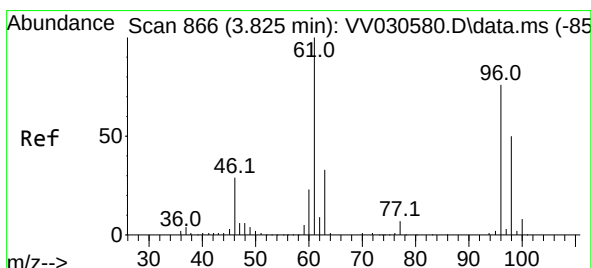
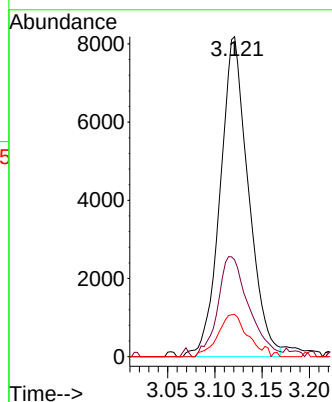
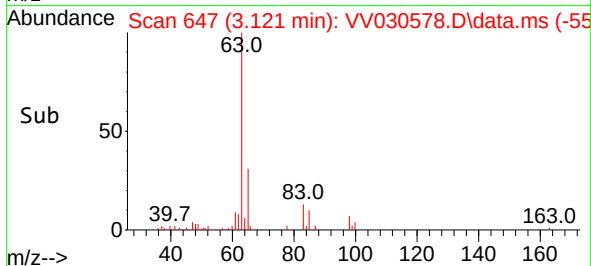
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 63	Resp: 17011
Ion Ratio	Lower Upper
63 100	
65 30.2	21.8 40.6
83 13.2	10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 4.469 ug/L

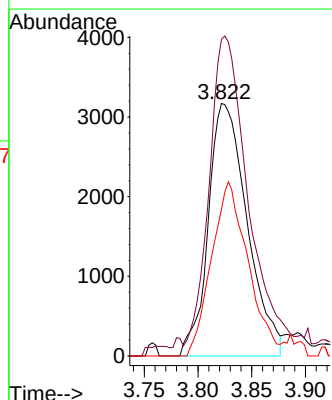
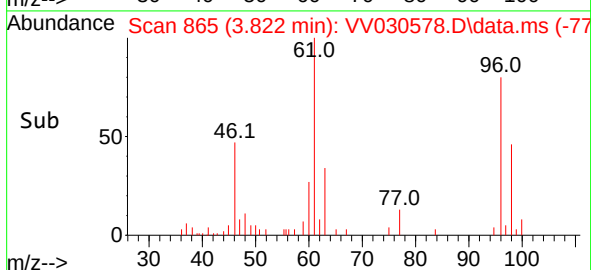
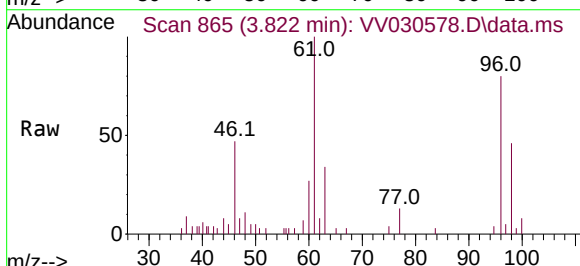
RT: 3.822 min Scan# 865

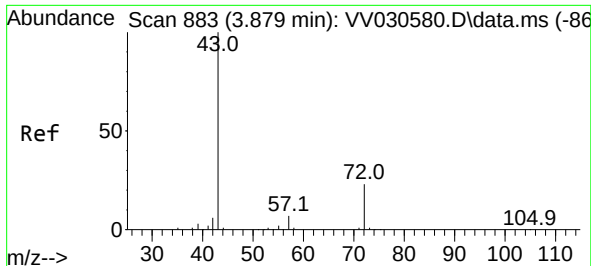
Delta R.T. -0.003 min

Lab File: VV030578.D

Acq: 17 Apr 2023 10:27

Tgt Ion: 96	Resp: 7986		
Ion Ratio	Lower	Upper	
96	100		
61	125.5	92.3	171.3
98	58.0	45.9	85.3





#22

2-Butanone

Concen: 0.182 ug/L

RT: 3.838 min Scan# 81

Delta R.T. -0.042 min

Lab File: VV030578.D

Acq: 17 Apr 2023 10:27

Instrument :

MSVOA_V

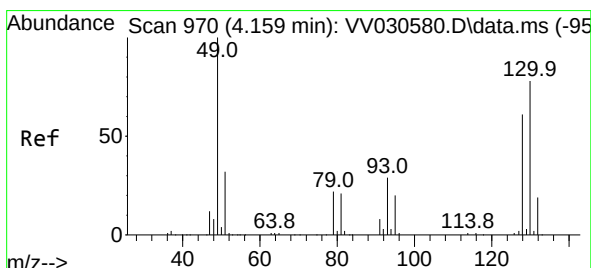
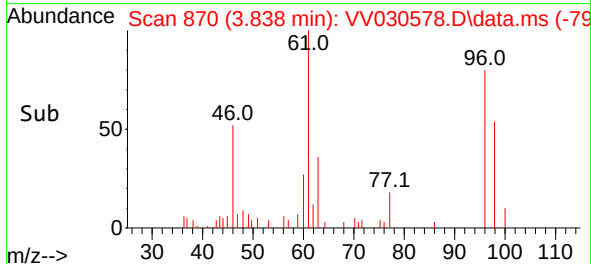
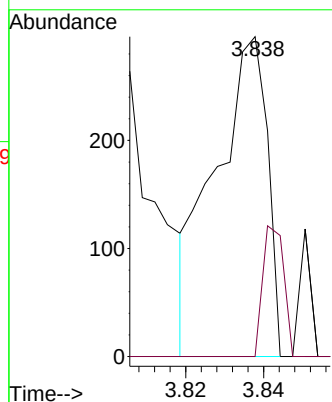
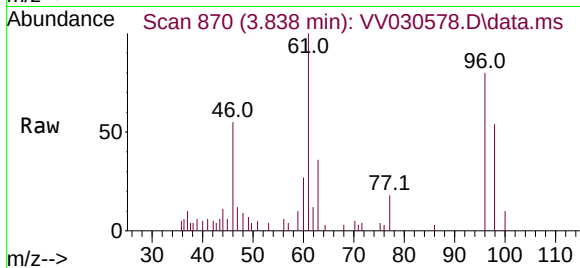
ClientSampleId :

Tgt Ion: 43 Resp: 277

Ion Ratio Lower Upper

43 100

72 16.2 11.5 34.4



#23

Bromochloromethane

Concen: 4.997 ug/L

RT: 4.159 min Scan# 970

Delta R.T. 0.000 min

Lab File: VV030578.D

Acq: 17 Apr 2023 10:27

Tgt Ion:128 Resp: 4988

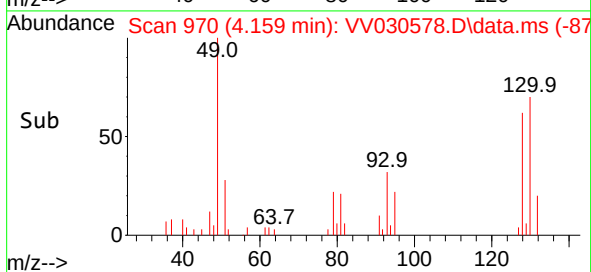
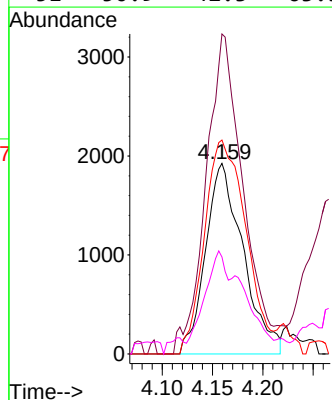
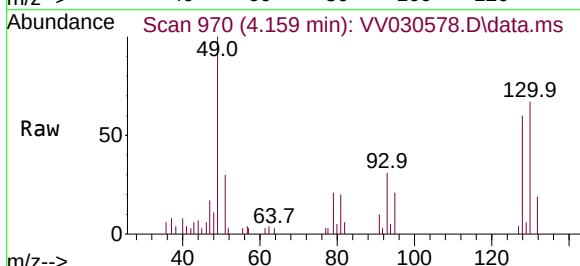
Ion Ratio Lower Upper

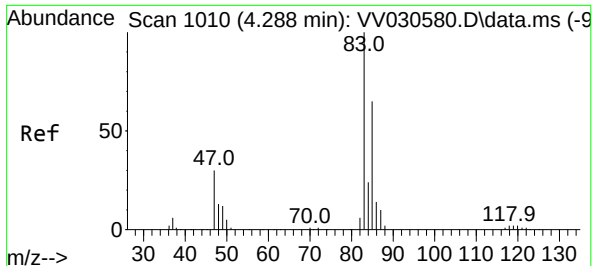
128 100

49 167.9 114.7 213.1

130 112.3 89.0 165.2

51 50.9 42.3 63.5





#25

Chloroform

Concen: 4.744 ug/L

RT: 4.288 min Scan# 1010

Delta R.T. 0.000 min

Lab File: VV030578.D

Acq: 17 Apr 2023 10:27

Instrument :

MSVOA_V

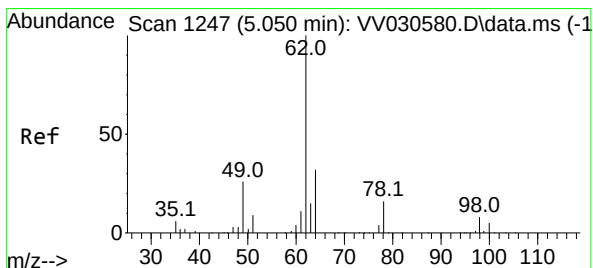
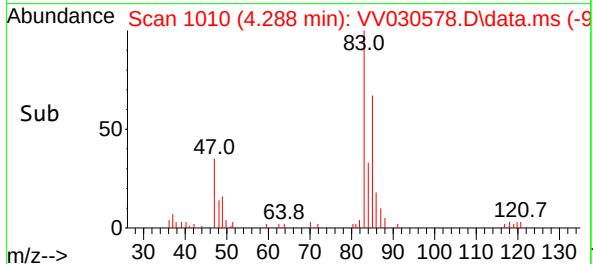
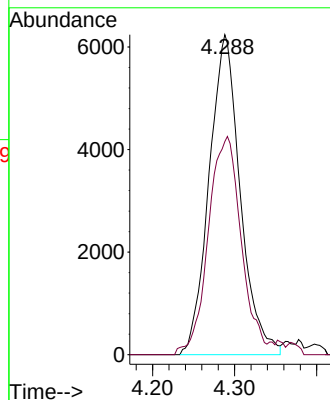
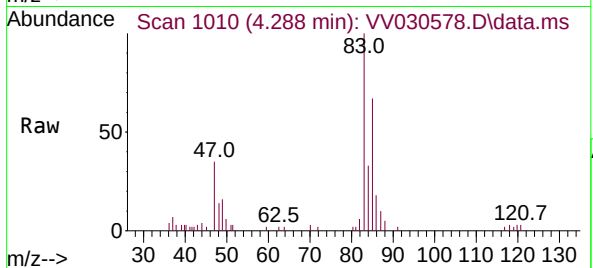
ClientSampleId :

Tgt Ion: 83 Resp: 16447

Ion Ratio Lower Upper

83 100

85 66.6 45.8 85.2



#27

1,2-Dichloroethane

Concen: 4.396 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. 0.003 min

Lab File: VV030578.D

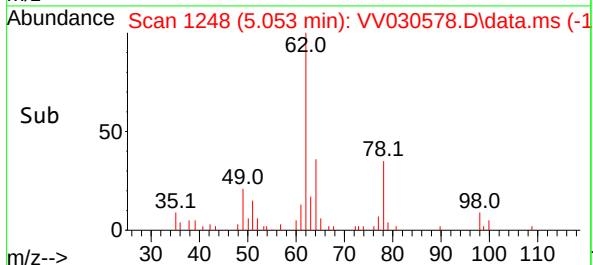
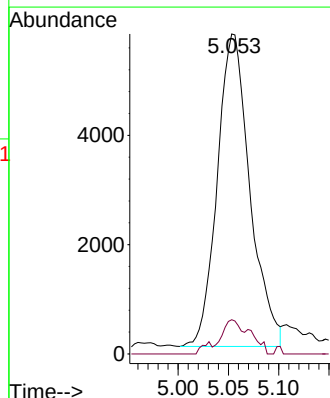
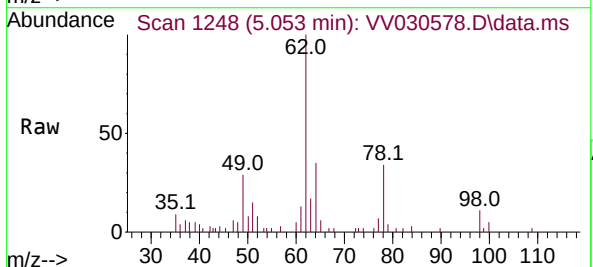
Acq: 17 Apr 2023 10:27

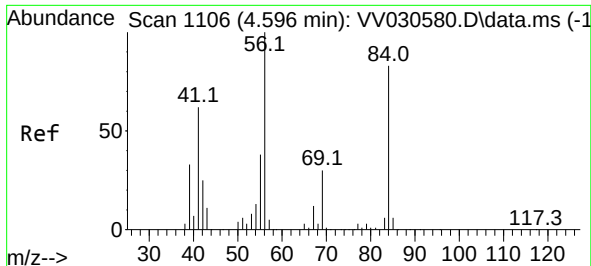
Tgt Ion: 62 Resp: 12898

Ion Ratio Lower Upper

62 100

98 10.7 6.4 9.6#

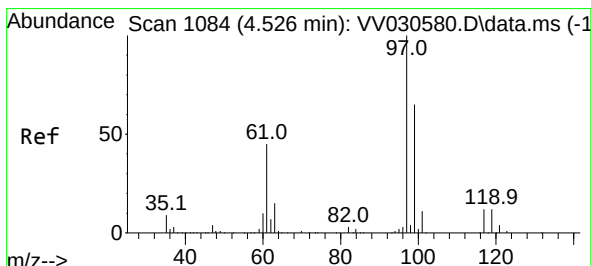
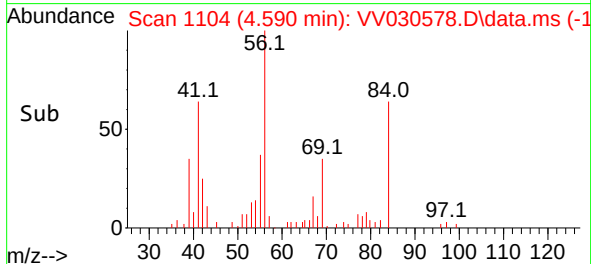
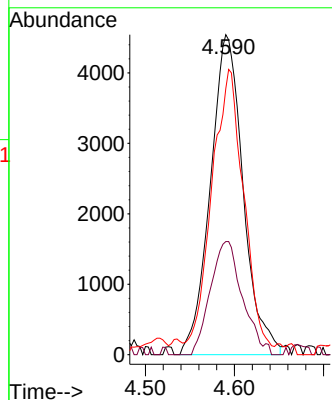
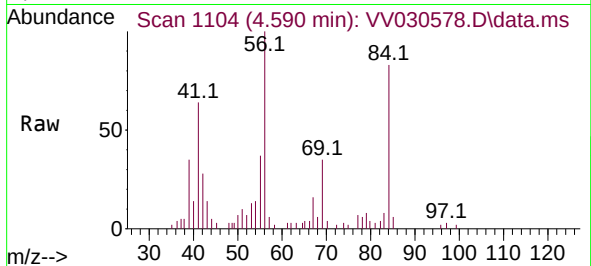




#29
Cyclohexane
Concen: 4.276 ug/L
RT: 4.590 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VV030578.D
Acq: 17 Apr 2023 10:27

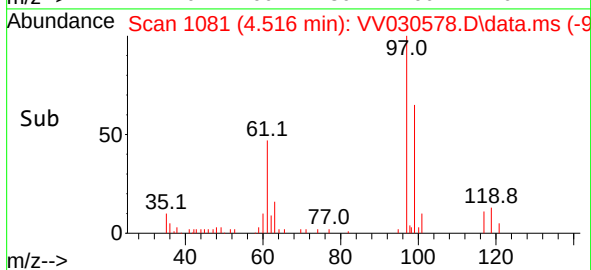
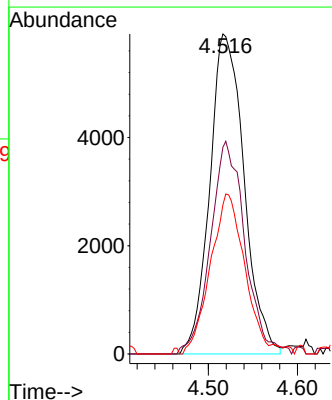
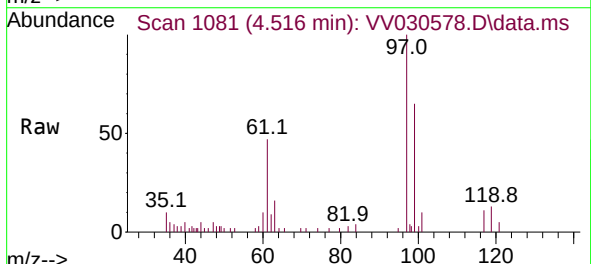
Instrument :
MSVOA_V
ClientSampleId :

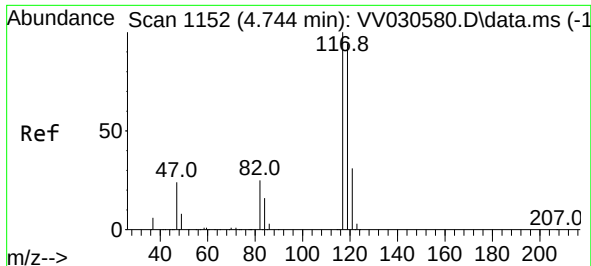
Tgt Ion: 56 Resp: 11633
Ion Ratio Lower Upper
56 100
69 34.1 24.0 36.0
84 88.2 68.2 102.2



#30
1,1,1-Trichloroethane
Concen: 4.965 ug/L
RT: 4.516 min Scan# 1081
Delta R.T. -0.009 min
Lab File: VV030578.D
Acq: 17 Apr 2023 10:27

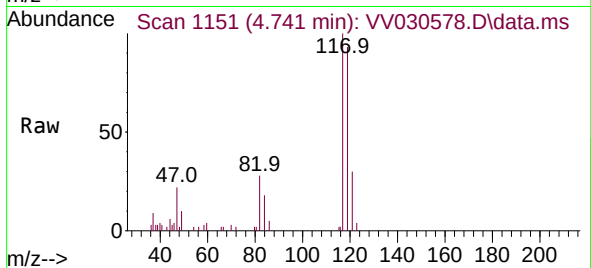
Tgt Ion: 97 Resp: 15814
Ion Ratio Lower Upper
97 100
99 66.6 51.4 77.0
61 49.6 37.0 55.6



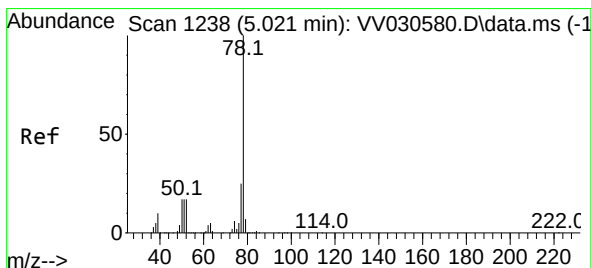
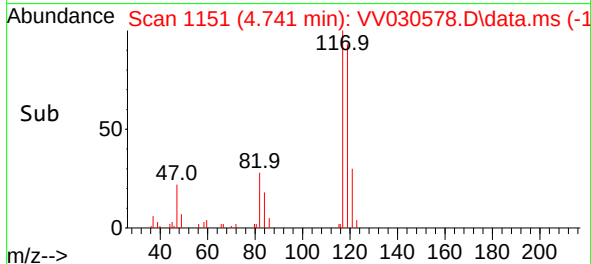
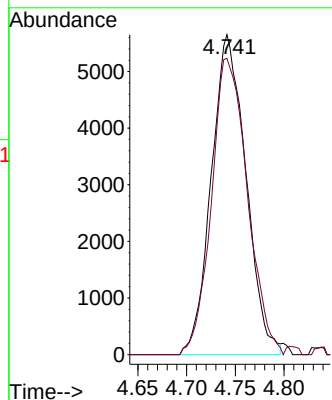


#31
Carbon tetrachloride
Concen: 4.897 ug/L
RT: 4.741 min Scan# 1151
Delta R.T. -0.003 min
Lab File: VV030578.D
Acq: 17 Apr 2023 10:27

Instrument : MSVOA_V
ClientSampleId :

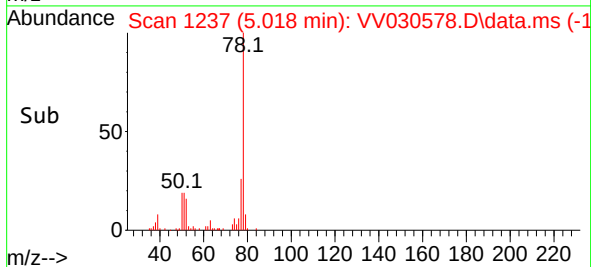
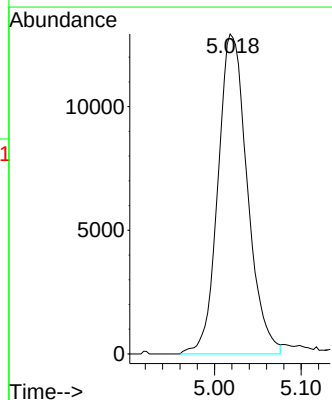
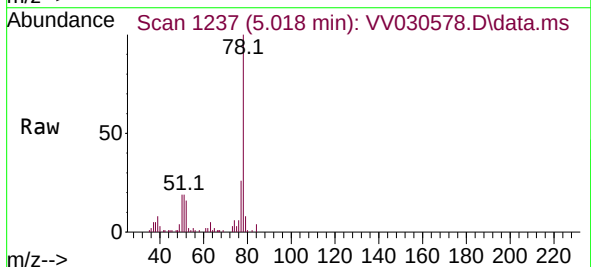


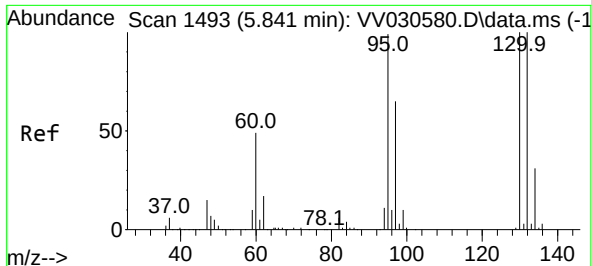
Tgt Ion:117 Resp: 13946
Ion Ratio Lower Upper
117 100
119 95.9 75.9 113.9



#33
Benzene
Concen: 4.428 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. -0.003 min
Lab File: VV030578.D
Acq: 17 Apr 2023 10:27

Tgt Ion: 78 Resp: 30483

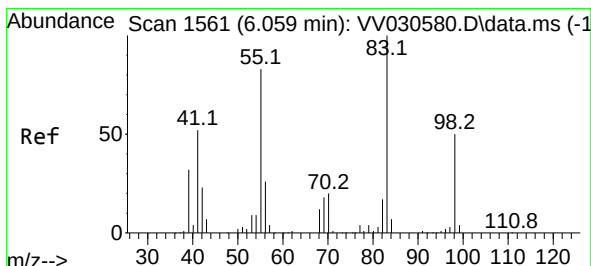
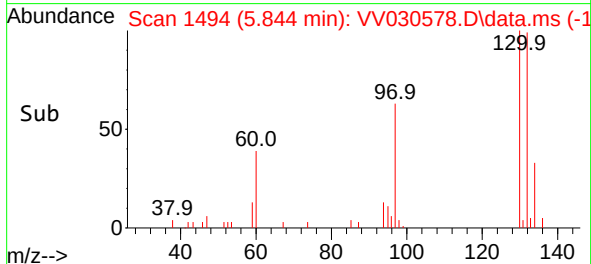
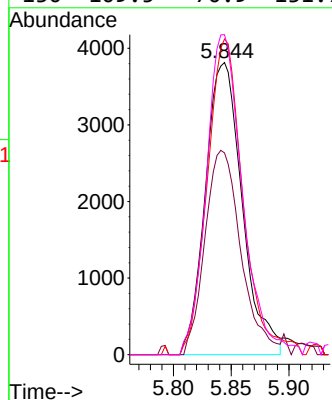
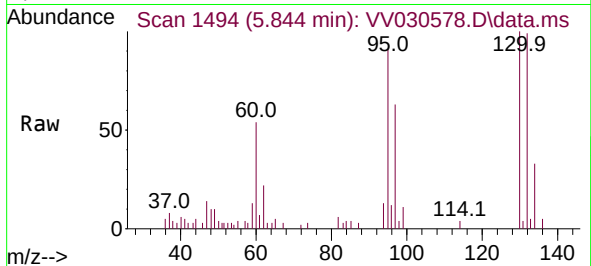




#34
Trichloroethene
Concen: 4.739 ug/L
RT: 5.844 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV030578.D
Acq: 17 Apr 2023 10:27

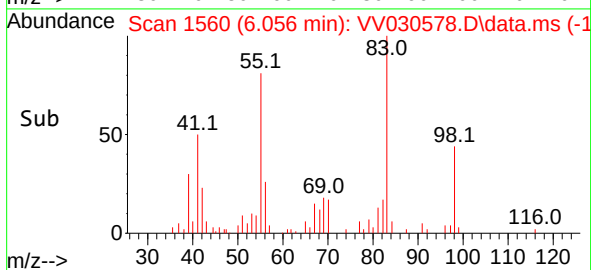
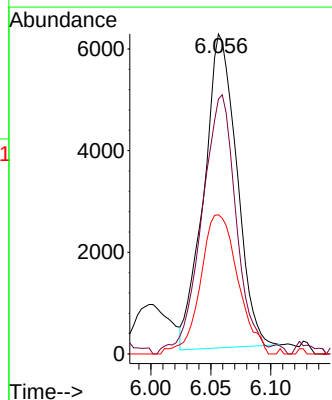
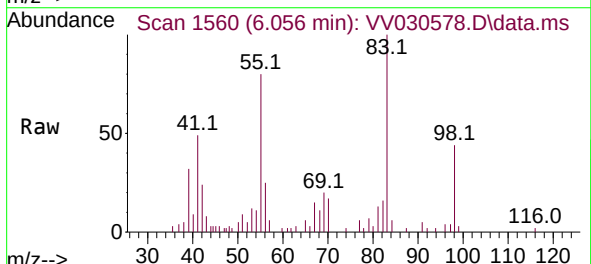
Instrument :
MSVOA_V
ClientSampleId :

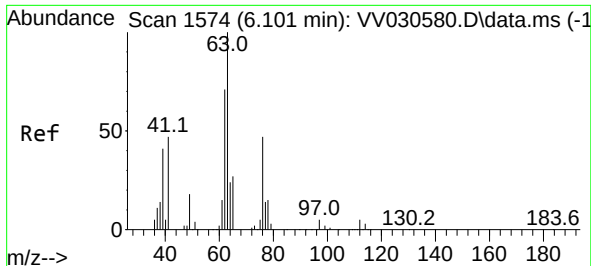
Tgt Ion: 95 Resp: 8485
Ion Ratio Lower Upper
95 100
97 69.1 45.8 85.2
132 108.0 70.6 131.2
130 109.5 70.9 131.7



#35
Methylcyclohexane
Concen: 4.189 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. -0.003 min
Lab File: VV030578.D
Acq: 17 Apr 2023 10:27

Tgt Ion: 83 Resp: 11752
Ion Ratio Lower Upper
83 100
55 86.6 65.5 98.3
98 50.2 38.7 58.1





#37

1,2-Dichloropropane

Concen: 4.423 ug/L

RT: 6.105 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV030578.D

Acq: 17 Apr 2023 10:27

Instrument :

MSVOA_V

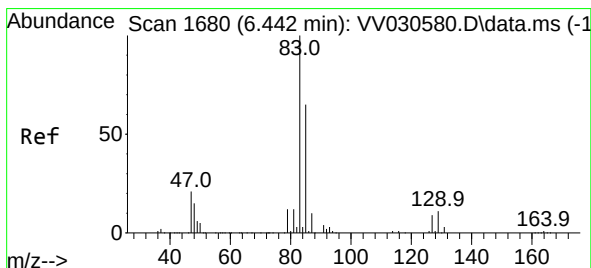
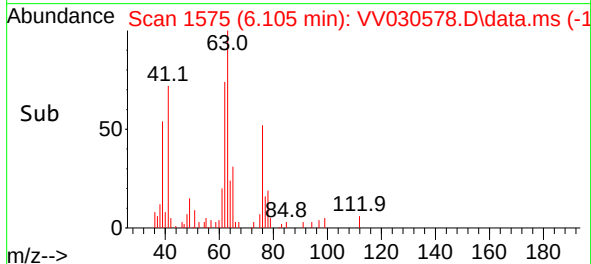
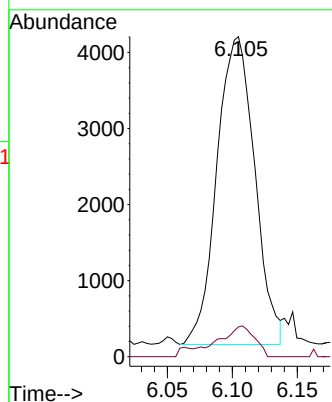
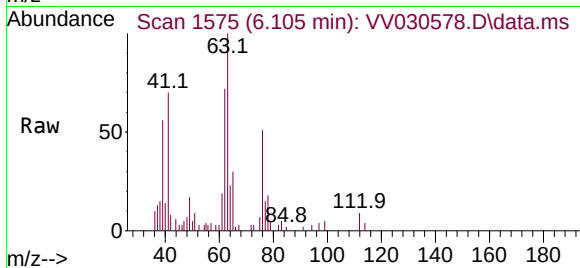
ClientSampleId :

Tgt Ion: 63 Resp: 8195

Ion Ratio Lower Upper

63 100

112 6.1 3.8 5.8#



#38

Bromodichloromethane

Concen: 4.900 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. -0.003 min

Lab File: VV030578.D

Acq: 17 Apr 2023 10:27

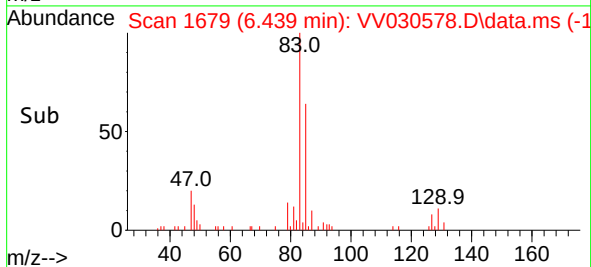
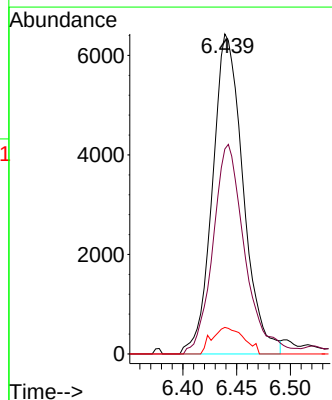
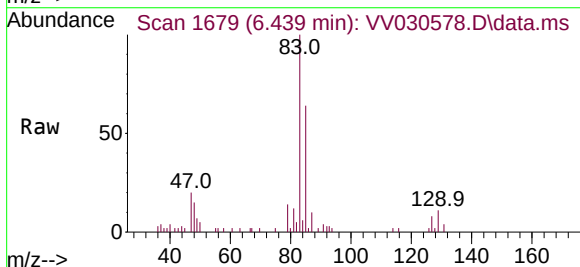
Tgt Ion: 83 Resp: 12752

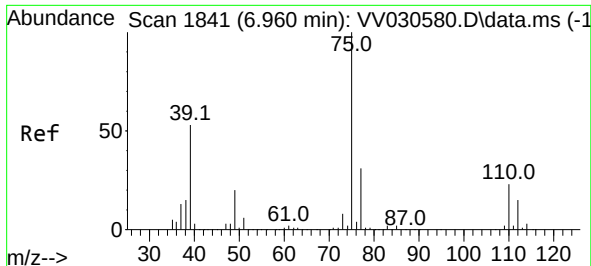
Ion Ratio Lower Upper

83 100

85 64.0 45.4 84.4

127 8.3 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 4.136 ug/L

RT: 6.963 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV030578.D

Acq: 17 Apr 2023 10:27

Instrument :

MSVOA_V

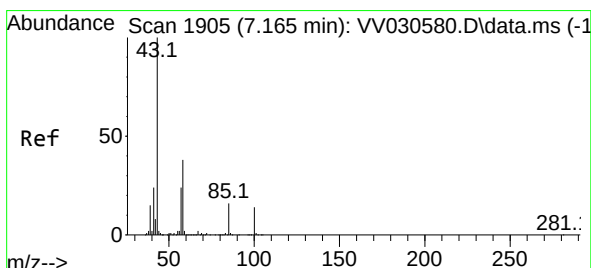
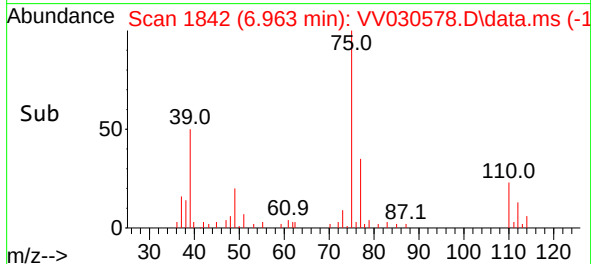
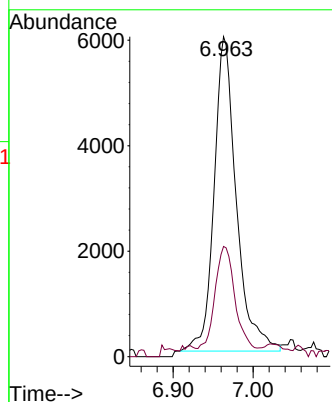
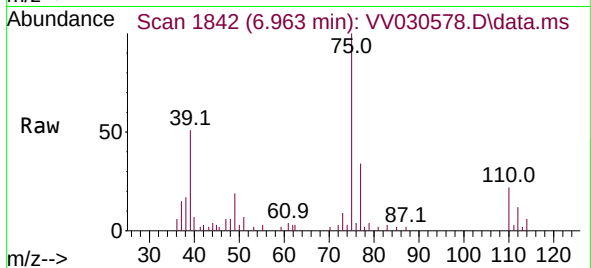
ClientSampleId :

Tgt Ion: 75 Resp: 11502

Ion Ratio Lower Upper

75 100

77 34.5 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 7.760 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. 0.003 min

Lab File: VV030578.D

Acq: 17 Apr 2023 10:27

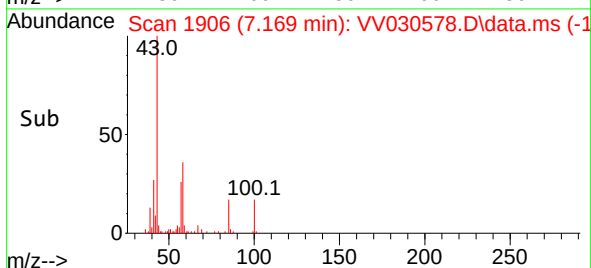
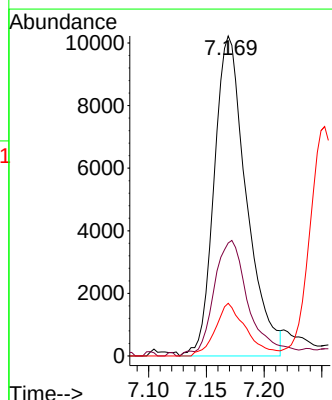
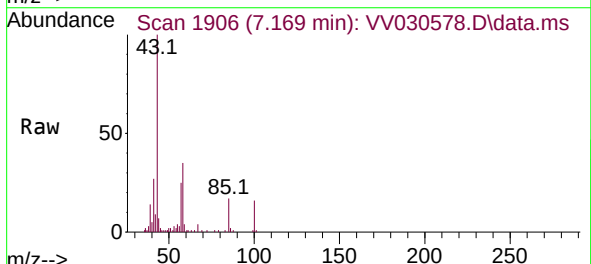
Tgt Ion: 43 Resp: 19805

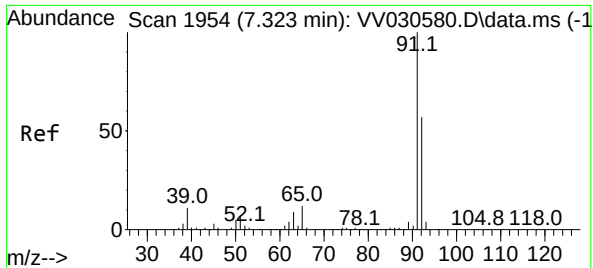
Ion Ratio Lower Upper

43 100

58 37.4 29.2 43.8

100 15.9 11.3 16.9





#42

Toluene

Concen: 4.138 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VV030578.D

Acq: 17 Apr 2023 10:27

Instrument :

MSVOA_V

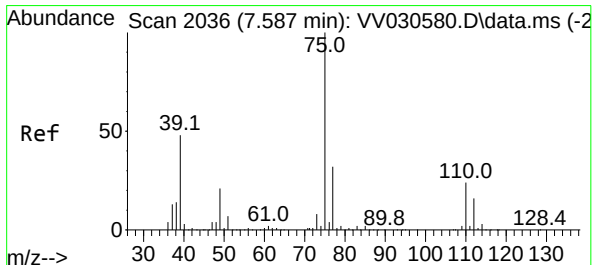
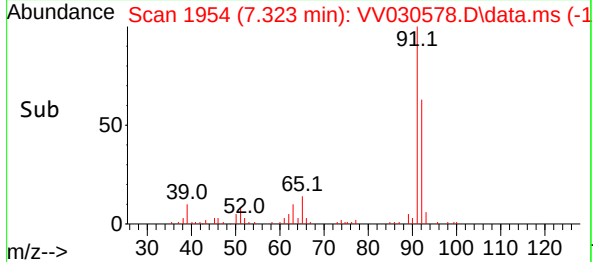
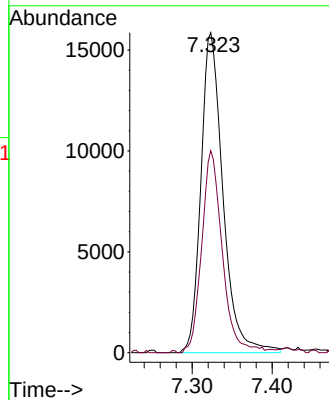
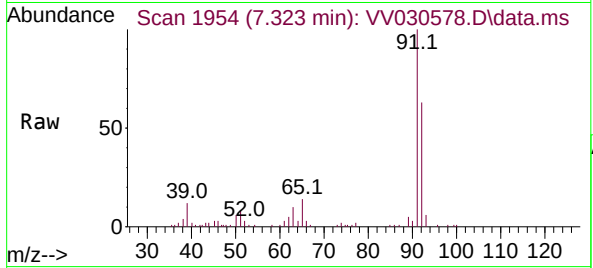
ClientSampleId :

Tgt Ion: 91 Resp: 30507

Ion Ratio Lower Upper

91 100

92 63.2 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 3.841 ug/L

RT: 7.593 min Scan# 2038

Delta R.T. 0.007 min

Lab File: VV030578.D

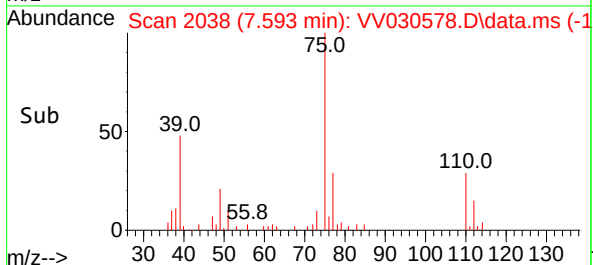
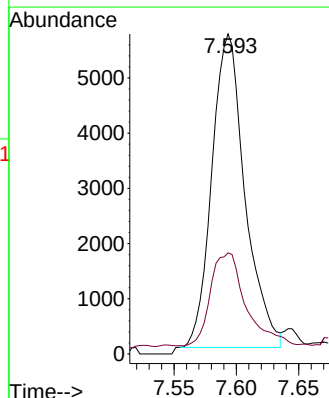
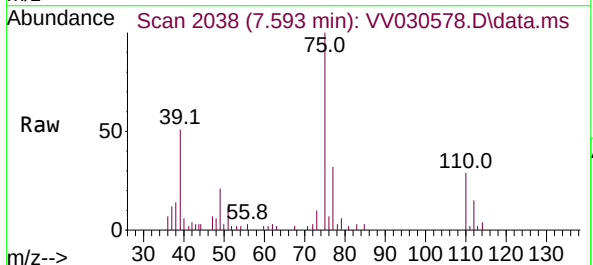
Acq: 17 Apr 2023 10:27

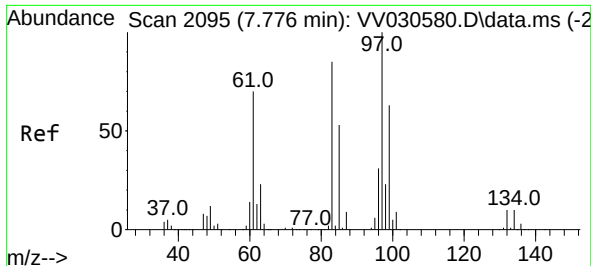
Tgt Ion: 75 Resp: 10492

Ion Ratio Lower Upper

75 100

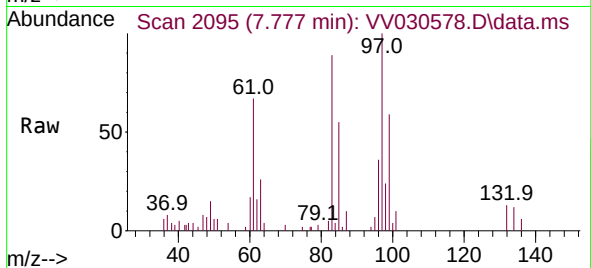
77 31.6 22.1 41.1



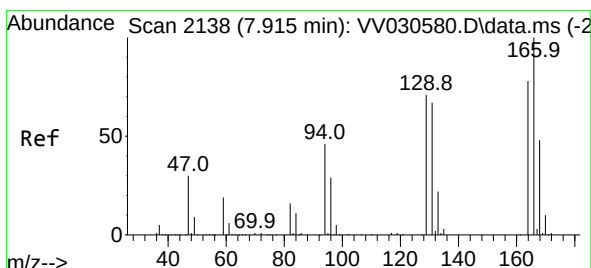
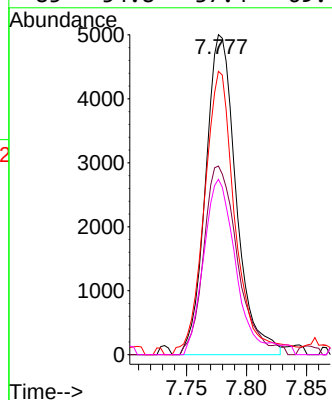
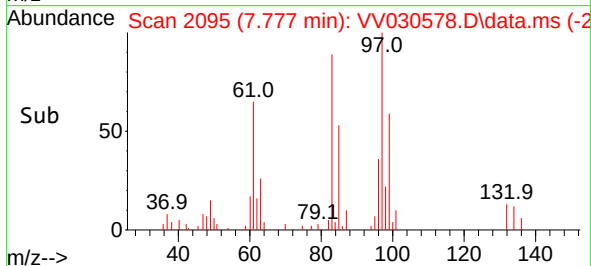


#45
1,1,2-Trichloroethane
Concen: 4.774 ug/L
RT: 7.777 min Scan# 2095
Delta R.T. 0.000 min
Lab File: VV030578.D
Acq: 17 Apr 2023 10:27

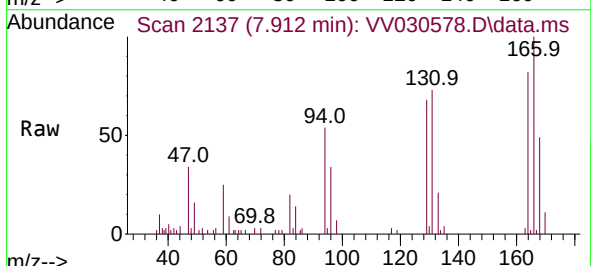
Instrument :
MSVOA_V
ClientSampleId :



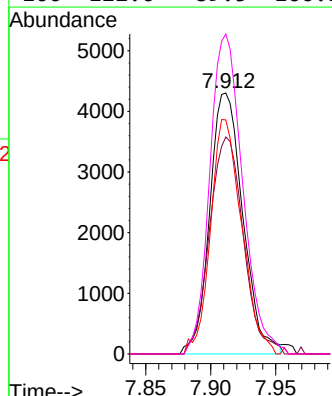
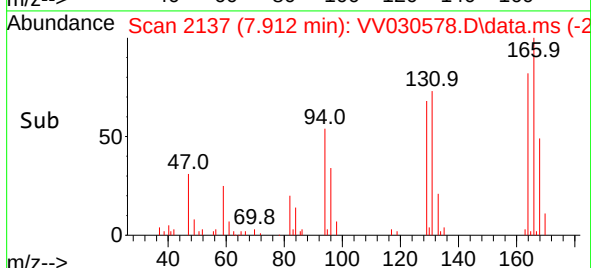
Tgt Ion: 97	Resp: 8870
Ion Ratio	Lower Upper
97 100	
99 59.0	43.8 81.4
83 88.5	59.6 110.6
85 54.8	37.4 69.4

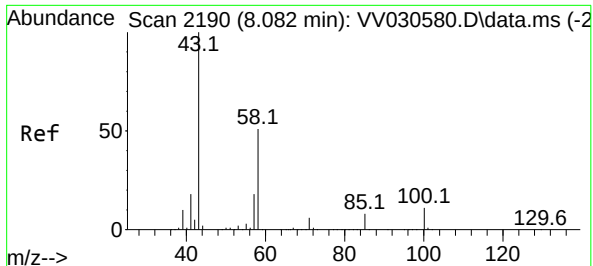


#46
Tetrachloroethene
Concen: 4.866 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VV030578.D
Acq: 17 Apr 2023 10:27



Tgt	Ion:164	Resp:	7626
Ion	Ratio	Lower	Upper
164	100		
129	83.1	63.8	118.6
131	89.7	60.3	111.9
166	122.6	89.5	166.1

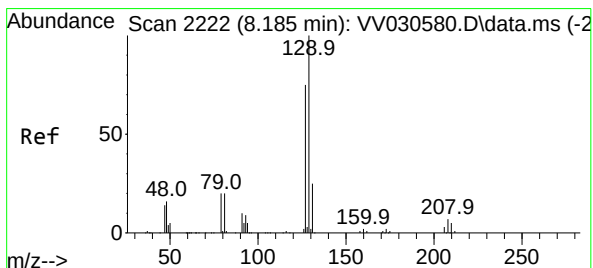
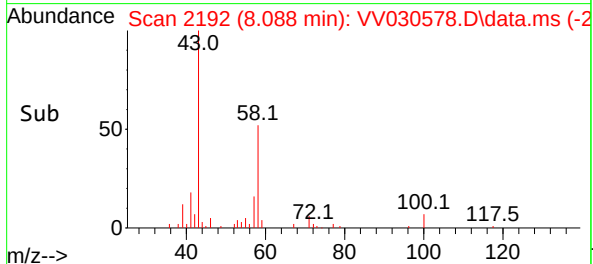
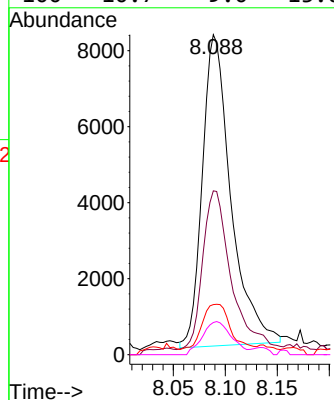
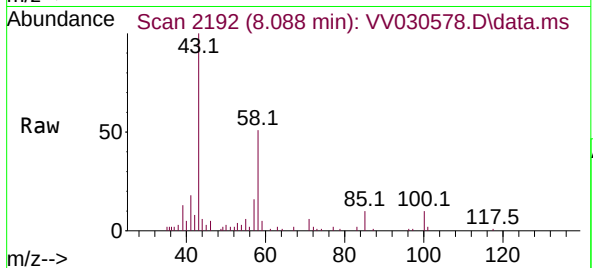




#48
2-Hexanone
Concen: 7.657 ug/L
RT: 8.088 min Scan# 2190
Delta R.T. 0.007 min
Lab File: VV030578.D
Acq: 17 Apr 2023 10:27

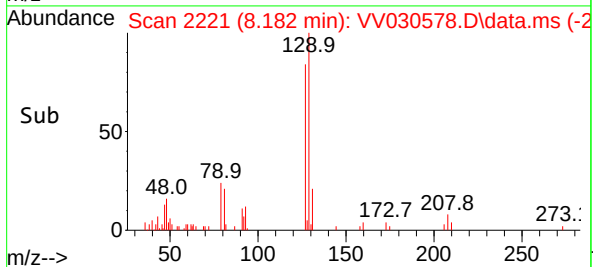
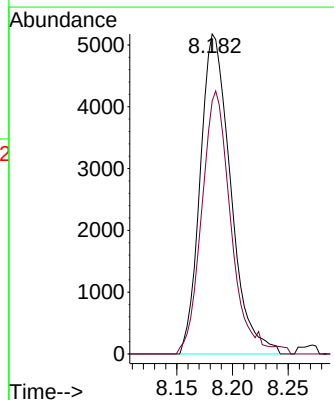
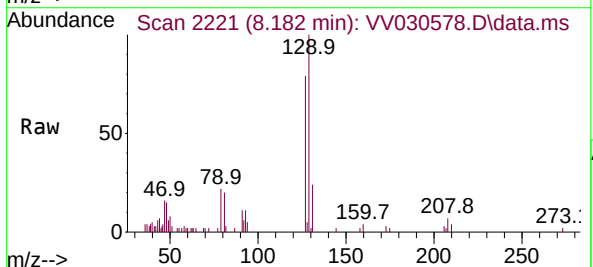
Instrument :
MSVOA_V
ClientSampleId :

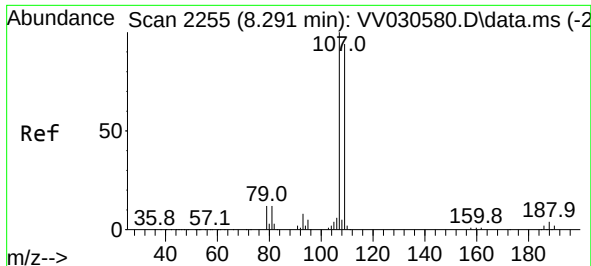
Tgt Ion: 43	Resp: 15704
Ion Ratio	Lower Upper
43 100	
58 55.9	41.4 62.0
57 17.9	14.9 22.3
100 10.7	9.0 13.6



#49
Dibromochloromethane
Concen: 4.795 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. -0.003 min
Lab File: VV030578.D
Acq: 17 Apr 2023 10:27

Tgt Ion:129	Resp:	9825	
Ion	Ratio	Lower	Upper
129	100		
127	79.1	52.8	98.2





#50

1,2-Dibromoethane

Concen: 4.594 ug/L

RT: 8.291 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV030578.D

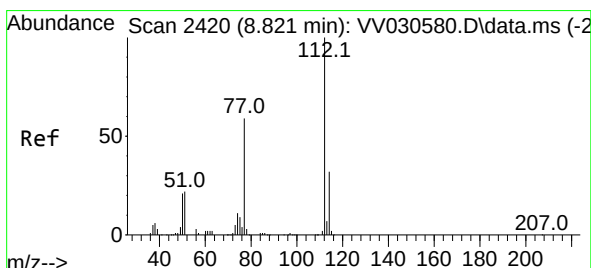
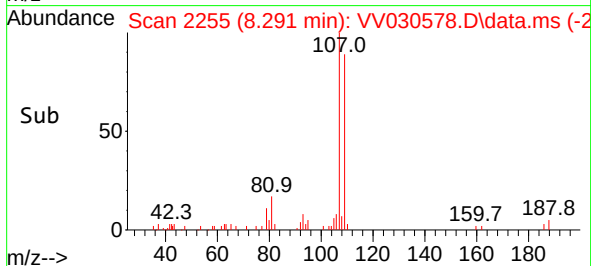
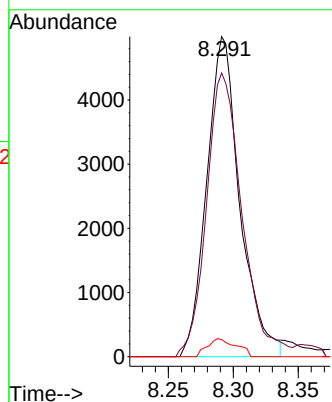
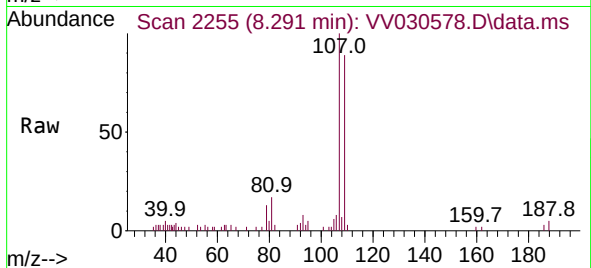
Acq: 17 Apr 2023 10:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	8844
Ion Ratio	Lower	Upper
107	100	
109	88.7	65.7 121.9
188	5.4	3.2 4.8#



#51

Chlorobenzene

Concen: 4.714 ug/L

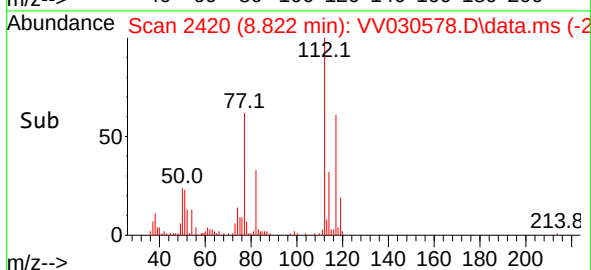
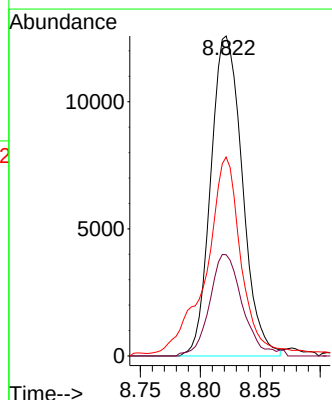
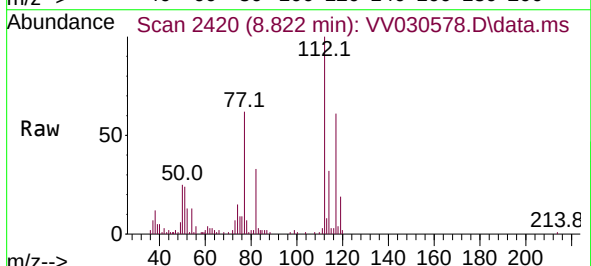
RT: 8.822 min Scan# 2420

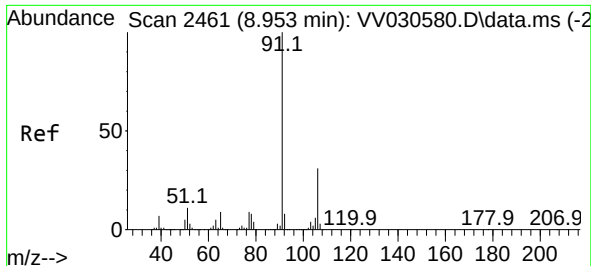
Delta R.T. 0.000 min

Lab File: VV030578.D

Acq: 17 Apr 2023 10:27

Tgt Ion:112	Resp:	23019
Ion Ratio	Lower	Upper
112	100	
114	31.6	22.4 41.6
77	62.1	47.4 71.0

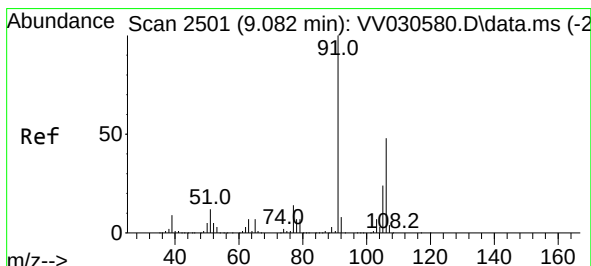
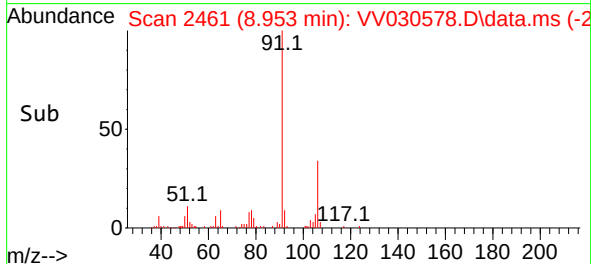
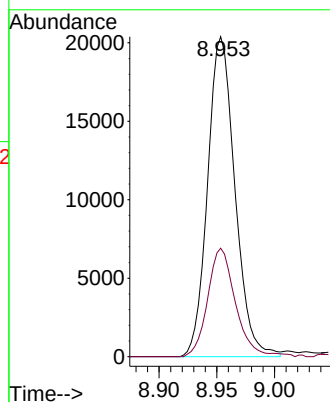
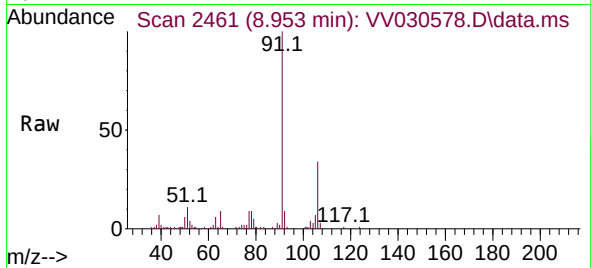




#52
Ethylbenzene
Concen: 4.116 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.000 min
Lab File: VV030578.D
Acq: 17 Apr 2023 10:27

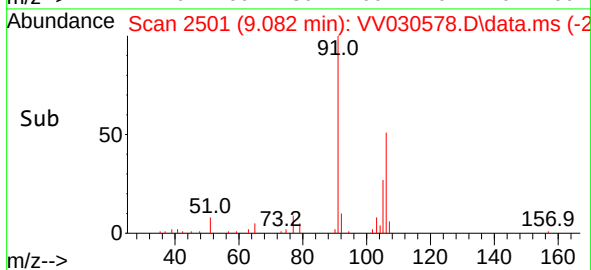
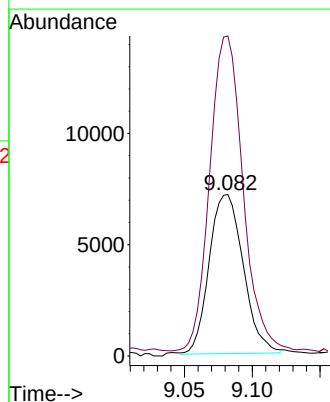
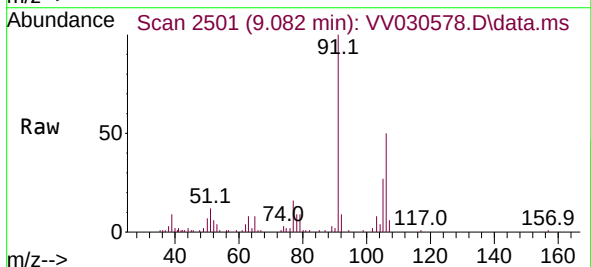
Instrument :
MSVOA_V
ClientSampleId :

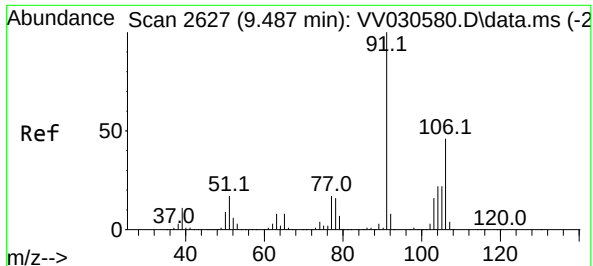
Tgt Ion: 91 Resp: 33593
Ion Ratio Lower Upper
91 100
106 33.9 21.8 40.4



#53
m,p-Xylene
Concen: 4.057 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.000 min
Lab File: VV030578.D
Acq: 17 Apr 2023 10:27

Tgt Ion: 106 Resp: 12509
Ion Ratio Lower Upper
106 100
91 198.3 144.7 268.7

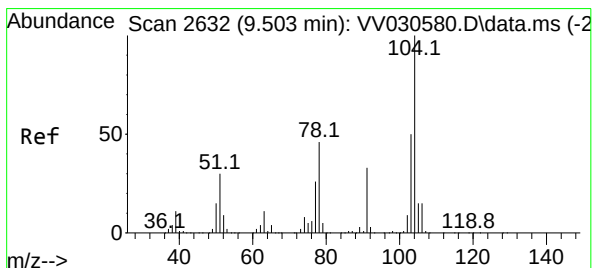
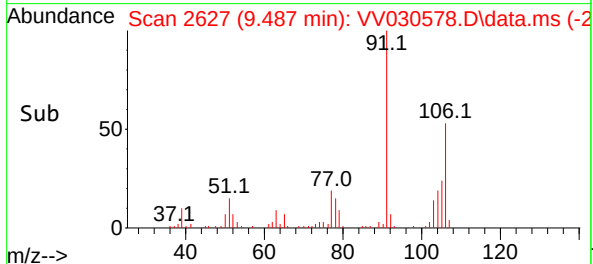
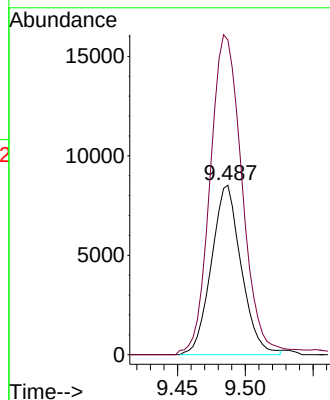
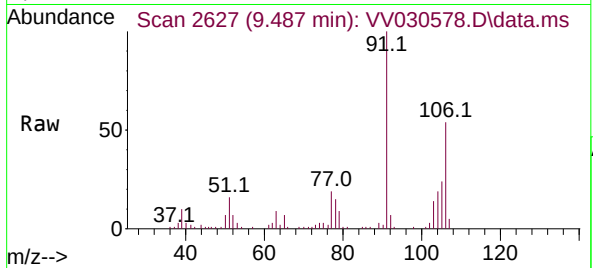




#54
o-Xylene
Concen: 4.327 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV030578.D
Acq: 17 Apr 2023 10:27

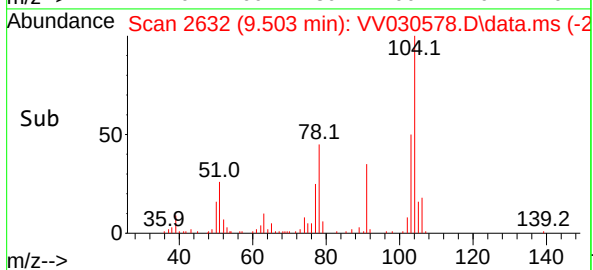
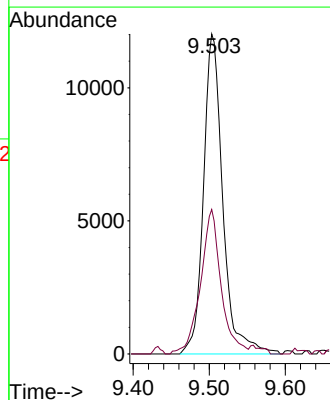
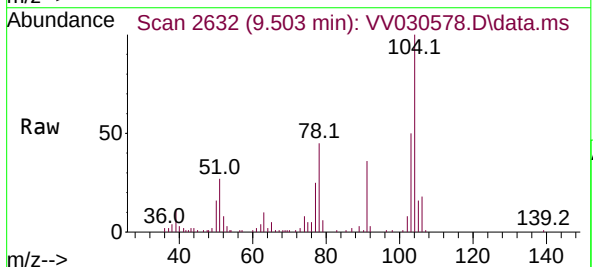
Instrument :
MSVOA_V
ClientSampleId :

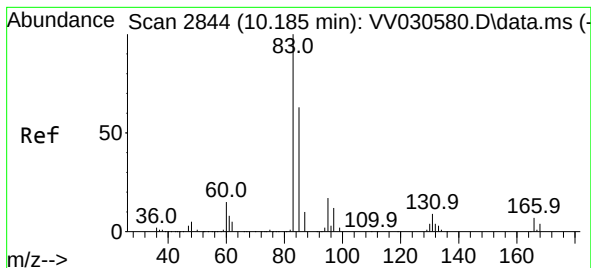
Tgt Ion:106 Resp: 13050
Ion Ratio Lower Upper
106 100
91 185.7 152.6 283.4



#55
Styrene
Concen: 4.004 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.000 min
Lab File: VV030578.D
Acq: 17 Apr 2023 10:27

Tgt Ion:104 Resp: 21214
Ion Ratio Lower Upper
104 100
78 45.2 32.3 59.9

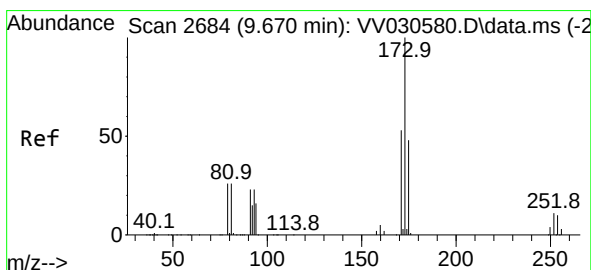
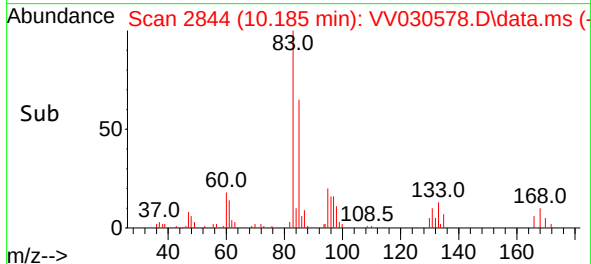
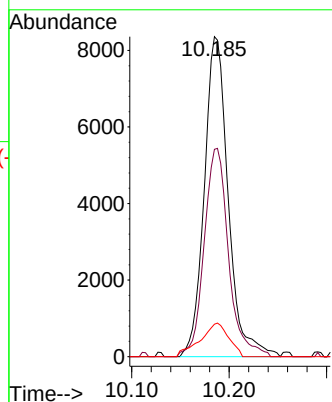
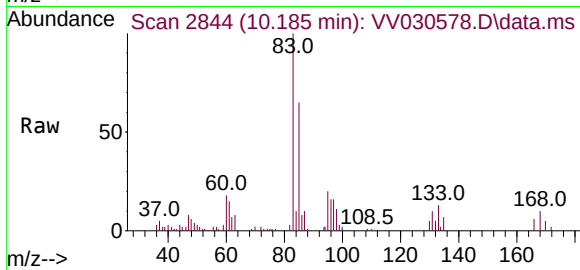




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.678 ug/L
 RT: 10.185 min Scan# 2844
 Delta R.T. 0.000 min
 Lab File: VV030578.D
 Acq: 17 Apr 2023 10:27

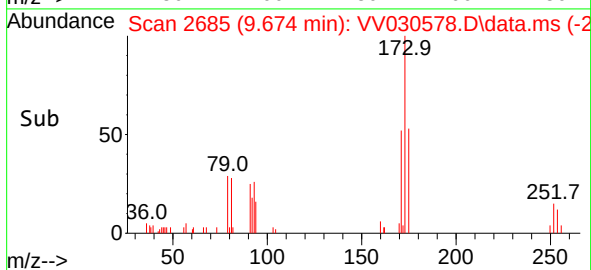
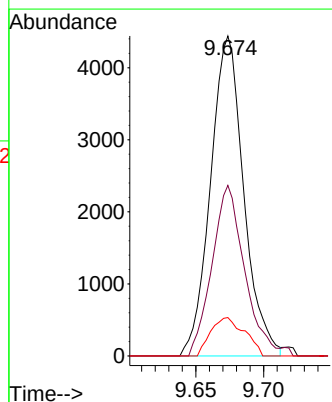
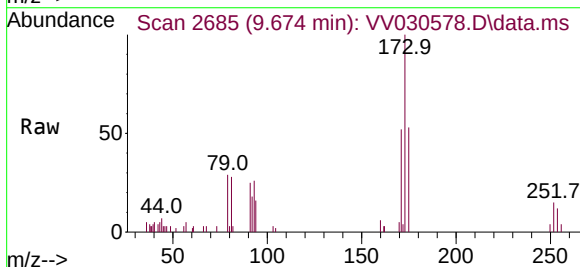
Instrument :
 MSVOA_V
 ClientSampleId :

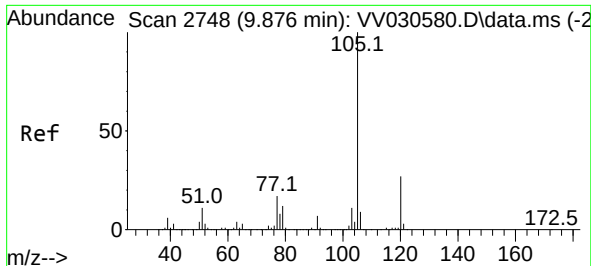
Tgt Ion: 83 Resp: 14270
 Ion Ratio Lower Upper
 83 100
 85 64.8 45.1 83.7
 131 10.2 8.0 12.0



#59
 Bromoform
 Concen: 5.045 ug/L
 RT: 9.674 min Scan# 2685
 Delta R.T. 0.003 min
 Lab File: VV030578.D
 Acq: 17 Apr 2023 10:27

Tgt Ion: 173 Resp: 7567
 Ion Ratio Lower Upper
 173 100
 175 52.1 38.8 58.2
 254 12.3 8.2 12.4

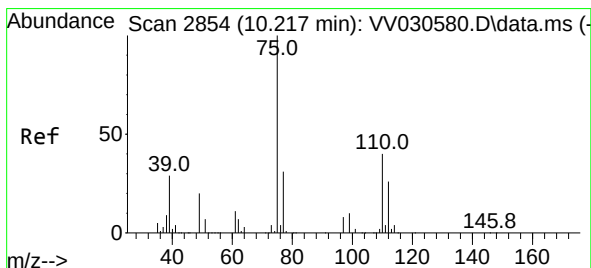
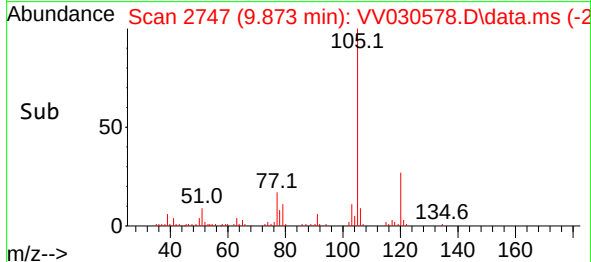
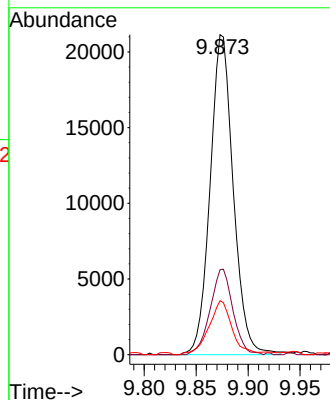
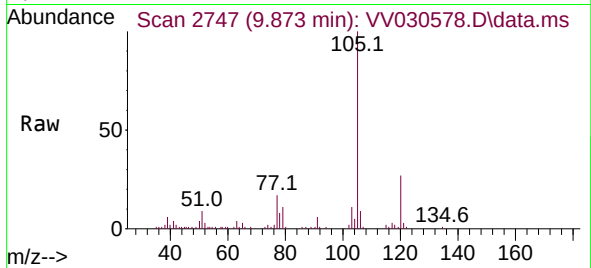




#60
Isopropylbenzene
Concen: 4.382 ug/L
RT: 9.873 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV030578.D
Acq: 17 Apr 2023 10:27

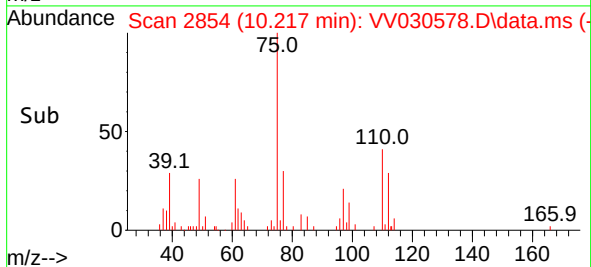
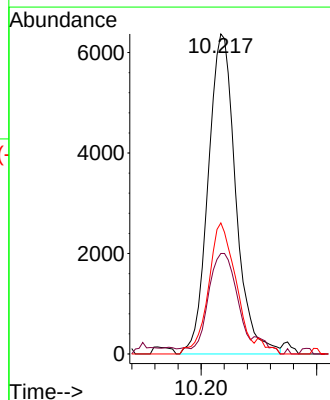
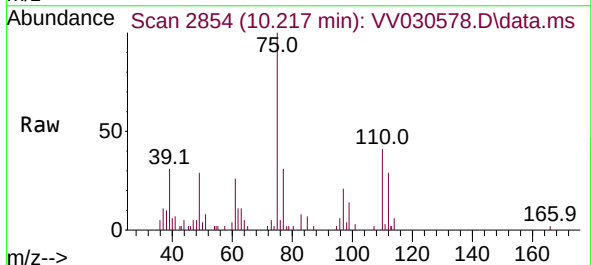
Instrument :
MSVOA_V
ClientSampleId :

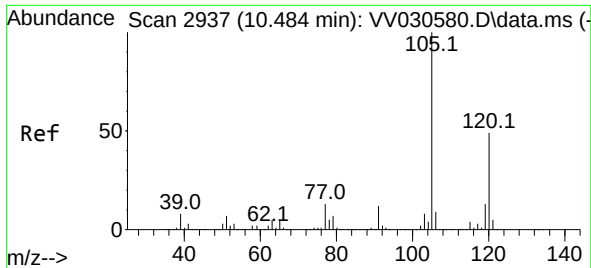
Tgt Ion:105 Resp: 32746
Ion Ratio Lower Upper
105 100
120 26.2 20.9 31.3
77 16.9 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.922 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. 0.000 min
Lab File: VV030578.D
Acq: 17 Apr 2023 10:27

Tgt Ion: 75 Resp: 10561
Ion Ratio Lower Upper
75 100
77 30.1 25.7 38.5
110 35.5 32.8 49.2

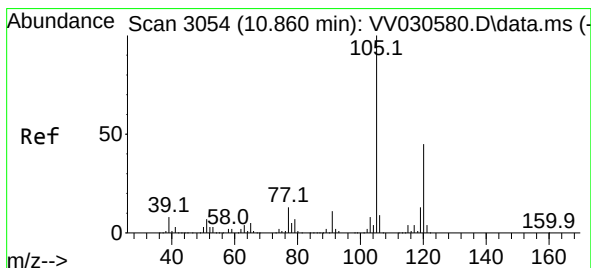
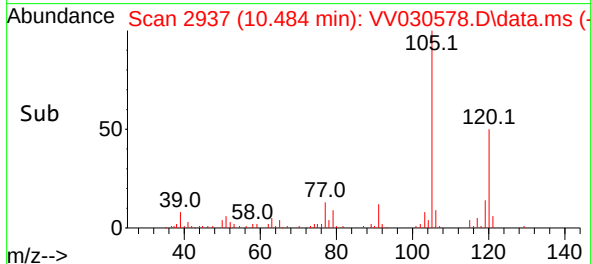
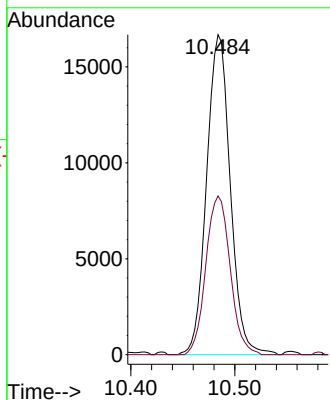
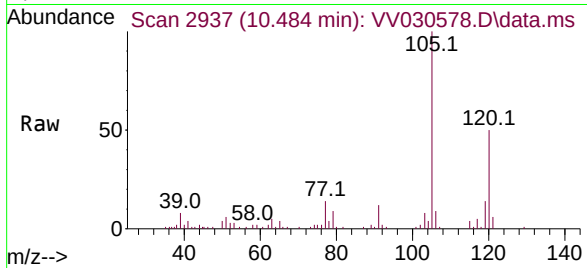




#62
1,3,5-Trimethylbenzene
Concen: 4.289 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VV030578.D
Acq: 17 Apr 2023 10:27

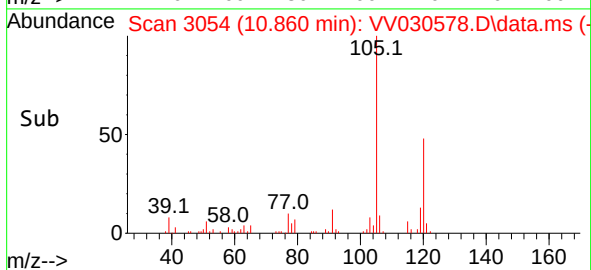
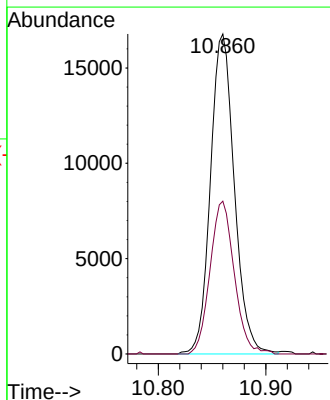
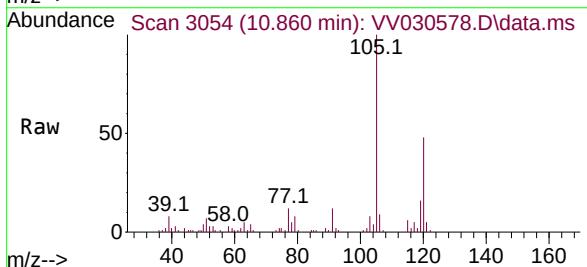
Instrument :
MSVOA_V
ClientSampleId :

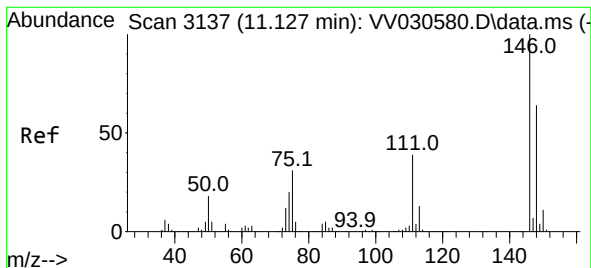
Tgt Ion:105 Resp: 26389
Ion Ratio Lower Upper
105 100
120 51.0 39.2 58.8



#63
1,2,4-Trimethylbenzene
Concen: 4.219 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.000 min
Lab File: VV030578.D
Acq: 17 Apr 2023 10:27

Tgt Ion:105 Resp: 25913
Ion Ratio Lower Upper
105 100
120 48.1 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 4.598 ug/L

RT: 11.127 min Scan# 3137

Delta R.T. 0.000 min

Lab File: VV030578.D

Acq: 17 Apr 2023 10:27

Instrument :

MSVOA_V

ClientSampleId :

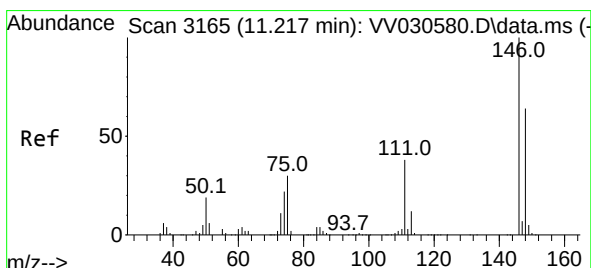
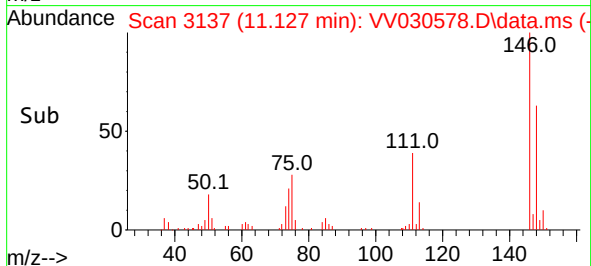
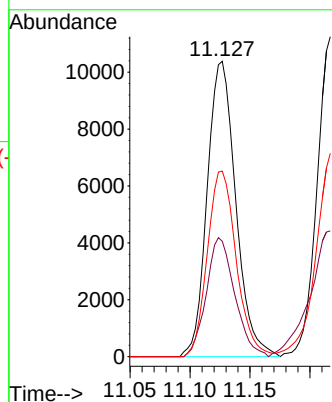
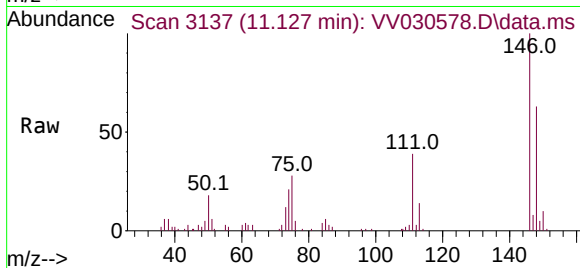
Tgt Ion:146 Resp: 17201

Ion Ratio Lower Upper

146 100

111 39.0 27.0 50.2

148 62.8 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 4.750 ug/L

RT: 11.217 min Scan# 3165

Delta R.T. 0.000 min

Lab File: VV030578.D

Acq: 17 Apr 2023 10:27

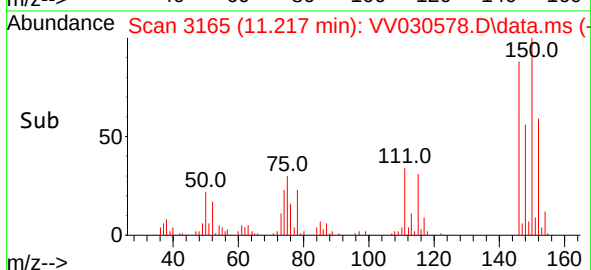
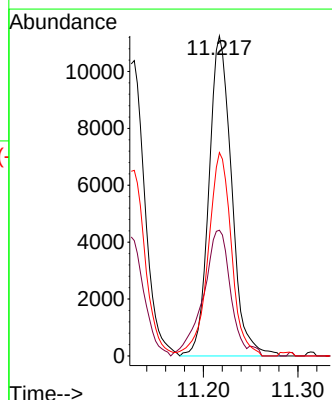
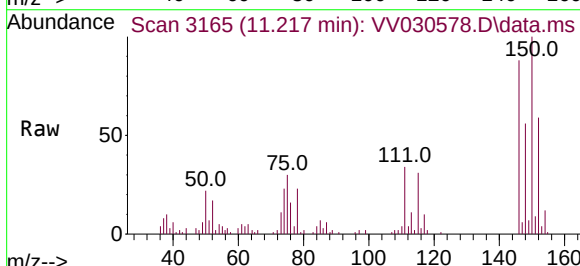
Tgt Ion:146 Resp: 18739

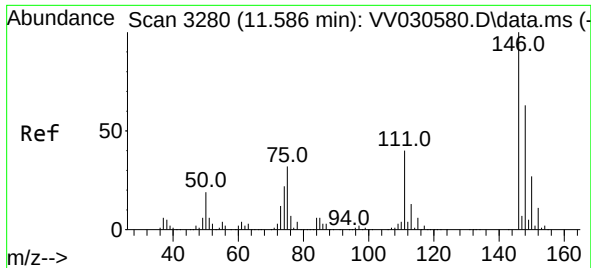
Ion Ratio Lower Upper

146 100

111 39.3 26.5 49.1

148 63.6 44.7 83.1

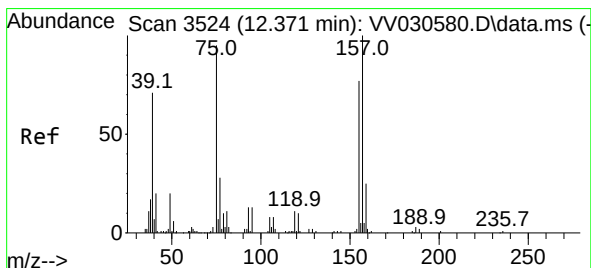
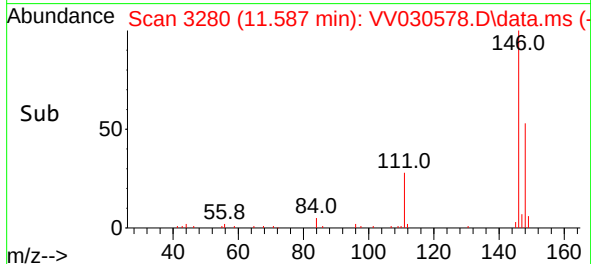
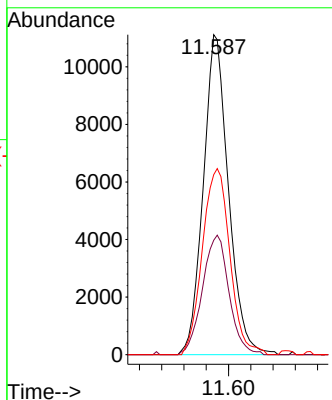
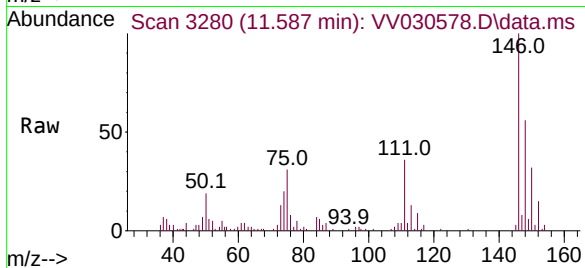




#67
1,2-Dichlorobenzene
Concen: 4.623 ug/L
RT: 11.587 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV030578.D
Acq: 17 Apr 2023 10:27

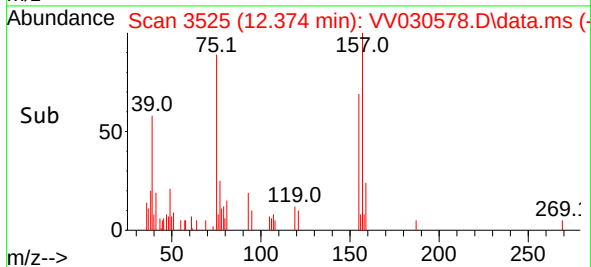
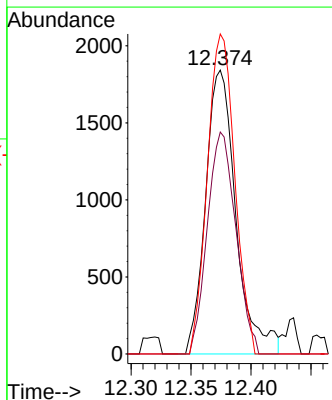
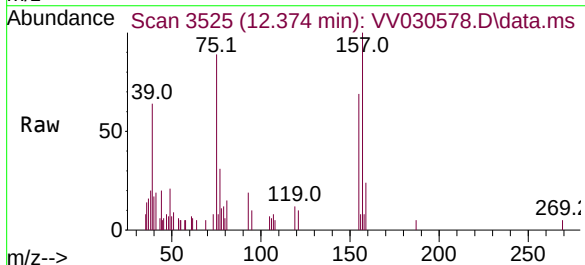
Instrument :
MSVOA_V
ClientSampleId :

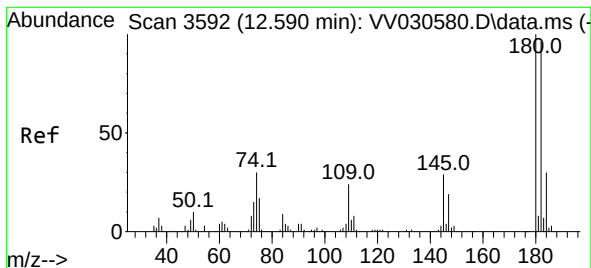
Tgt Ion:146 Resp: 17449
Ion Ratio Lower Upper
146 100
111 35.8 32.0 48.0
148 56.3 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 5.118 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. 0.003 min
Lab File: VV030578.D
Acq: 17 Apr 2023 10:27

Tgt Ion: 75 Resp: 3249
Ion Ratio Lower Upper
75 100
155 78.2 65.0 97.6
157 112.8 84.4 126.6





#69

1,3,5-Trichlorobenzene

Concen: 4.566 ug/L

RT: 12.593 min Scan# 3593

Delta R.T. 0.003 min

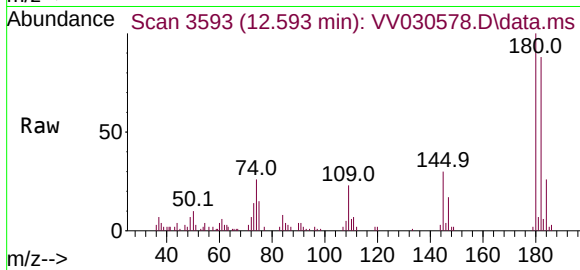
Lab File: VV030578.D

Acq: 17 Apr 2023 10:27

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 12902

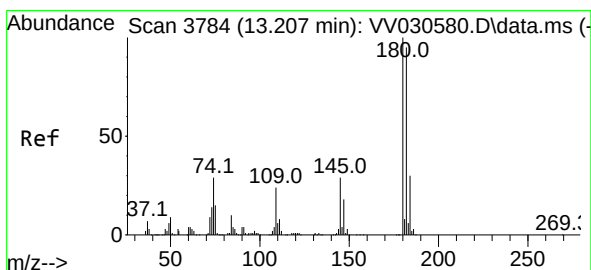
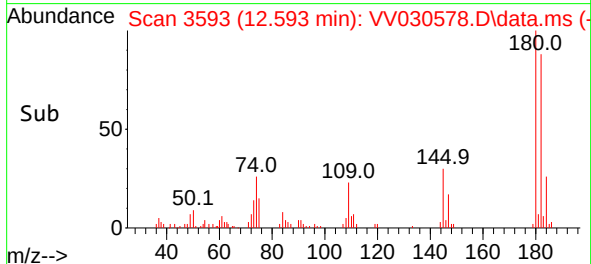
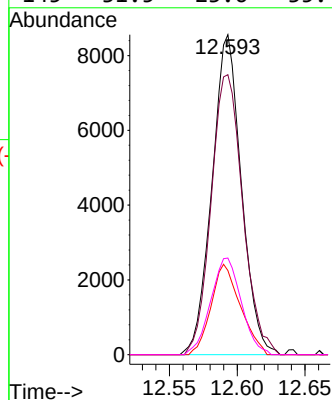
Ion Ratio Lower Upper

180 100

182 93.9 76.4 114.6

184 28.2 24.1 36.1

145 31.5 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 4.060 ug/L

RT: 13.210 min Scan# 3785

Delta R.T. 0.003 min

Lab File: VV030578.D

Acq: 17 Apr 2023 10:27

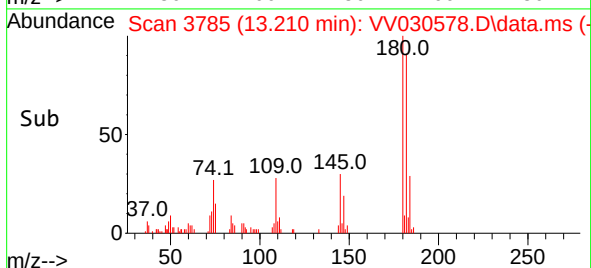
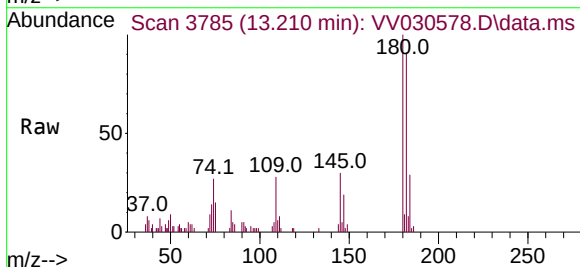
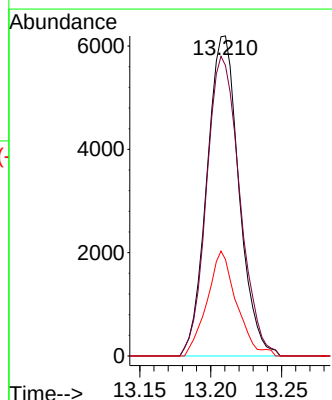
Tgt Ion:180 Resp: 9742

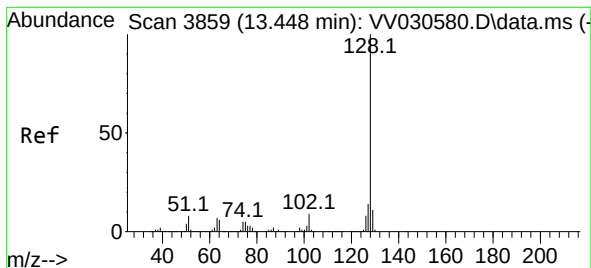
Ion Ratio Lower Upper

180 100

182 97.0 75.9 113.9

145 29.8 23.4 35.2





#71

Naphthalene

Concen: 3.606 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.000 min

Lab File: VV030578.D

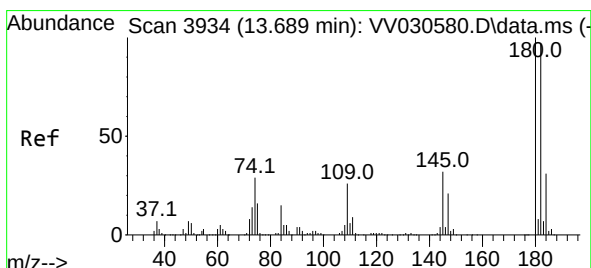
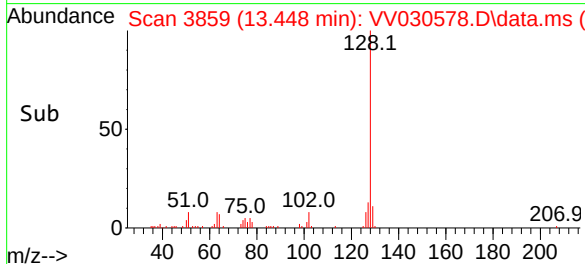
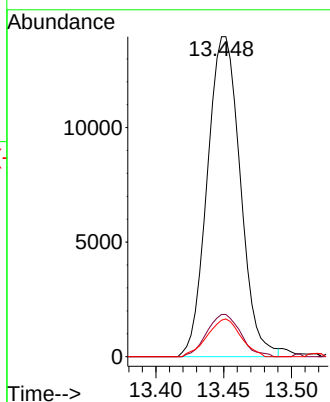
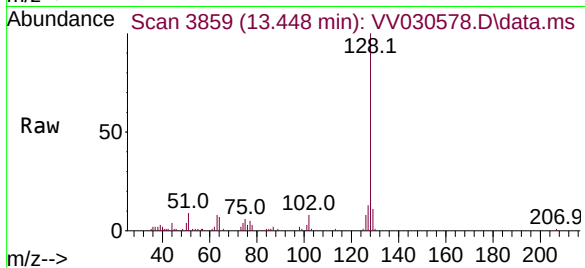
Acq: 17 Apr 2023 10:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	23668
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.7	16.1
129	11.9	8.6	13.0



#72

1,2,3-Trichlorobenzene

Concen: 4.058 ug/L

RT: 13.690 min Scan# 3934

Delta R.T. 0.000 min

Lab File: VV030578.D

Acq: 17 Apr 2023 10:27

Tgt Ion:	180	Resp:	9654
Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.2	114.4
145	31.0	25.1	37.7

