

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112122\
 Data File : VW025109.D
 Acq On : 21 Nov 2022 10:40
 Operator : SY/VA
 Sample : VSTD05070
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050470

Quant Time: Nov 22 02:20:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 22 02:18:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	442899	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	391788	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	191158	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	265223	48.733	ug/L	0.00
7) Chloroethane-d5	2.891	69	174779	49.132	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	580430	49.551	ug/L	0.00
21) 2-Butanone-d5	7.080	46	110108	96.550	ug/L	0.00
24) Chloroform-d	7.653	84	552597	48.348	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	268947	47.646	ug/L	0.00
32) Benzene-d6	8.275	84	1118286	47.346	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	324719	47.542	ug/L	0.00
41) Toluene-d8	10.323	98	1048649	48.893	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	138567	50.279	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	89225	102.847	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	217366	47.907	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	312987	48.029	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	77811	57.637	ug/L	100
3) Chloromethane	2.221	50	243341	49.742	ug/L	96
5) Vinyl chloride	2.367	62	344721	52.010	ug/L	99
6) Bromomethane	2.782	94	167126	51.873	ug/L	98
8) Chloroethane	2.928	64	160087	52.420	ug/L	99
9) Trichlorofluoromethane	3.263	101	261249	52.247	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	312767	52.229	ug/L	98
12) 1,1-Dichloroethene	4.044	96	309212	52.894	ug/L	98
13) Acetone	4.129	43	124735	104.608	ug/L	99
14) Carbon disulfide	4.391	76	1020771	52.073	ug/L	100
15) Methyl Acetate	4.672	43	101240	51.221	ug/L	98
16) Methylene chloride	4.915	84	320720	40.769	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	321053	51.698	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	426959	51.874	ug/L	99
19) 1,1-Dichloroethane	6.220	63	566342	51.756	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	337825	52.521	ug/L	97
22) 2-Butanone	7.177	43	154646	101.307	ug/L	97
23) Bromochloromethane	7.519	128	137500	52.712	ug/L	98
25) Chloroform	7.677	83	567192	51.793	ug/L	100
27) 1,2-Dichloroethane	8.403	62	338749	51.244	ug/L	99
29) Cyclohexane	7.958	56	575267	53.345	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	492866	51.730	ug/L	99
31) Carbon tetrachloride	8.073	117	448797	51.908	ug/L	98
33) Benzene	8.323	78	1309535	51.807	ug/L	100
34) Trichloroethene	9.098	95	339014	51.171	ug/L	96
35) Methylcyclohexane	9.335	83	632041	52.736	ug/L	98
37) 1,2-Dichloropropane	9.366	63	310891	51.120	ug/L	99
38) Bromodichloromethane	9.646	83	400646	51.572	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	486970	53.429	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	286794	106.728	ug/L	100
42) Toluene	10.390	91	1376474	51.645	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	406595	54.615	ug/L	98

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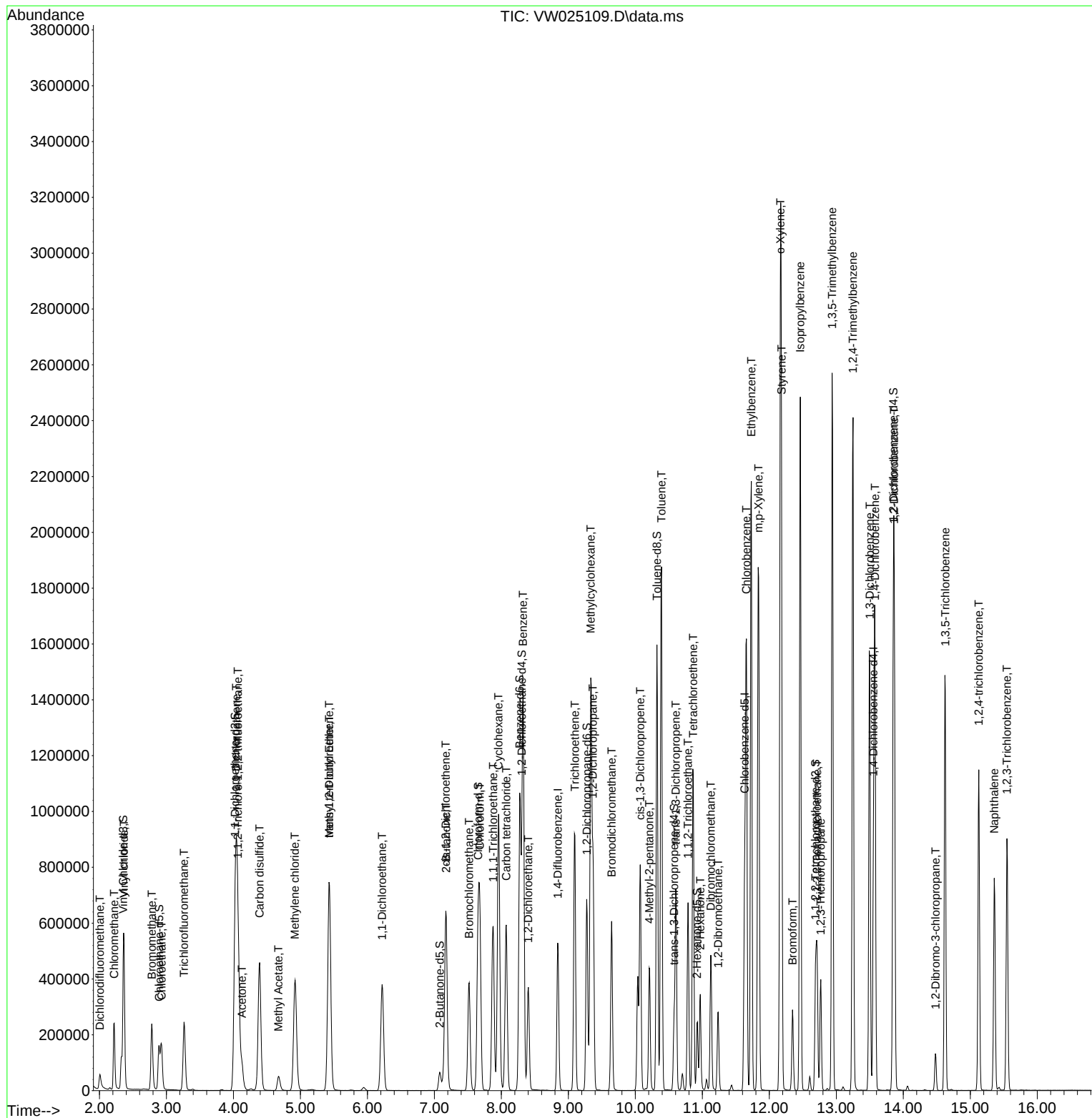
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	207651	51.013	ug/L	96
46) Tetrachloroethene	10.866	164	253600	51.463	ug/L	93
48) 2-Hexanone	10.969	43	211399	108.918	ug/L	99
49) Dibromochloromethane	11.128	129	253322	52.088	ug/L	95
50) 1,2-Dibromoethane	11.237	107	198435	52.506	ug/L	97
51) Chlorobenzene	11.658	112	852060	51.537	ug/L	98
52) Ethylbenzene	11.731	91	1588673	52.967	ug/L	98
53) m,p-Xylene	11.841	106	608789	52.903	ug/L	99
54) o-Xylene	12.164	106	570071	53.048	ug/L	92
55) Styrene	12.182	104	969173	53.806	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	232888	51.822	ug/L	97
59) Bromoform	12.347	173	125766	51.334	ug/L	97
60) Isopropylbenzene	12.463	105	1600288	51.739	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	168613	49.307	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	1374315	51.995	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	1351212	53.013	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	646695	51.673	ug/L	100
65) 1,4-Dichlorobenzene	13.579	146	633085	51.039	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	561764	51.844	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	35919	52.306	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	438899	54.492	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	337451	56.553	ug/L	98
71) Naphthalene	15.359	128	652010	59.603	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	288840	58.044	ug/L	97

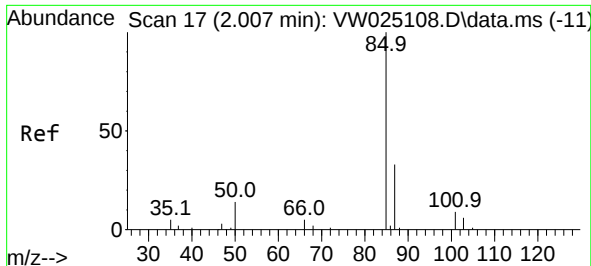
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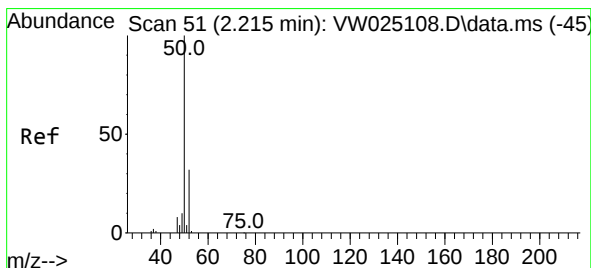
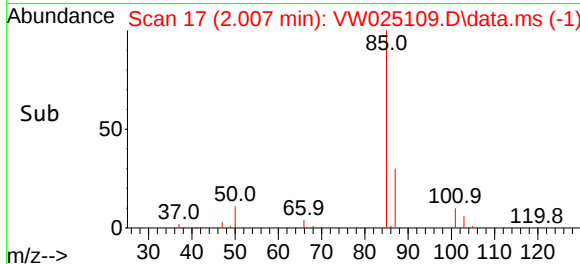
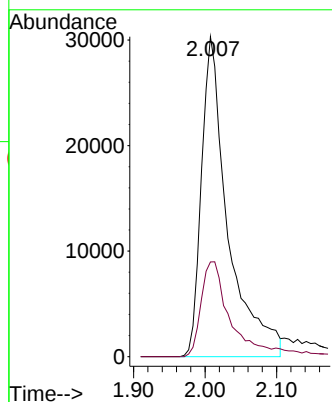
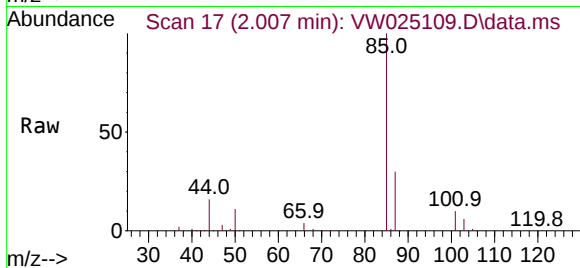




#2
Dichlorodifluoromethane
Concen: 57.637 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025109.D
Acq: 21 Nov 2022 10:40

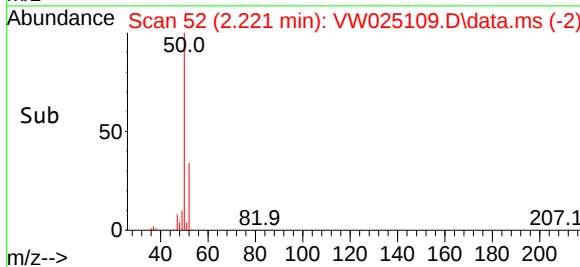
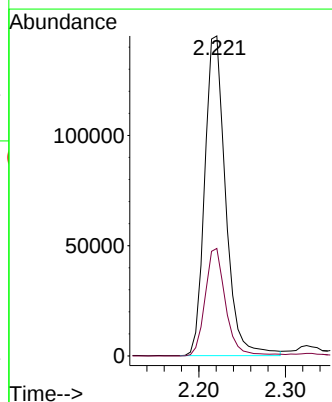
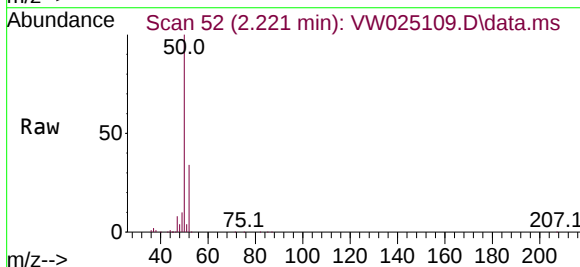
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ClientSampleId :
VSTD050470

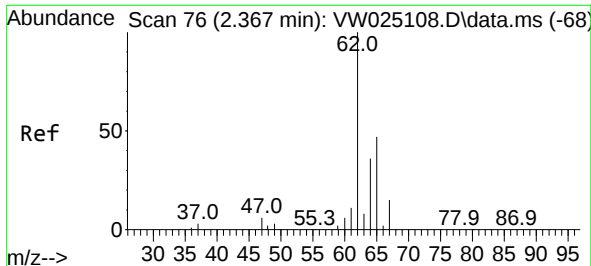
Tgt Ion: 85 Resp: 77811
Ion Ratio Lower Upper
85 100
87 31.5 25.0 37.6



#3
Chloromethane
Concen: 49.742 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.006 min
Lab File: VW025109.D
Acq: 21 Nov 2022 10:40

Tgt Ion: 50 Resp: 243341
Ion Ratio Lower Upper
50 100
52 33.6 22.1 41.1

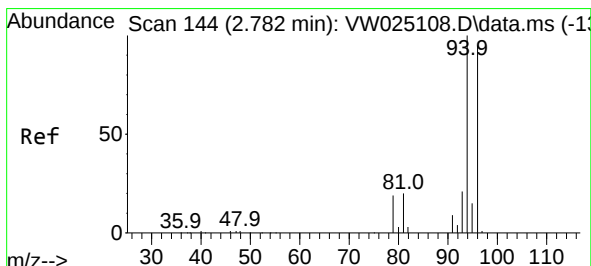
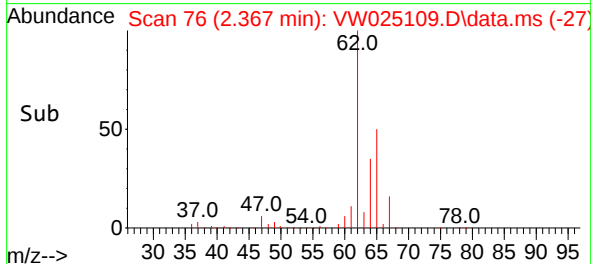
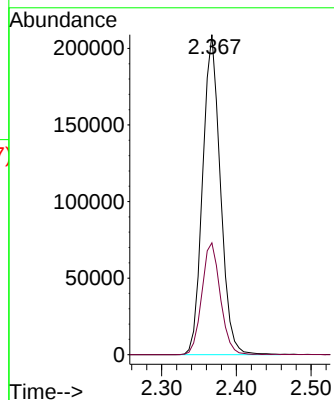
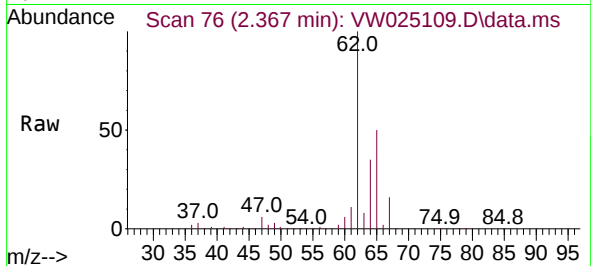




#5
 Vinyl chloride
 Concen: 52.010 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW025109.D
 Acq: 21 Nov 2022 10:40

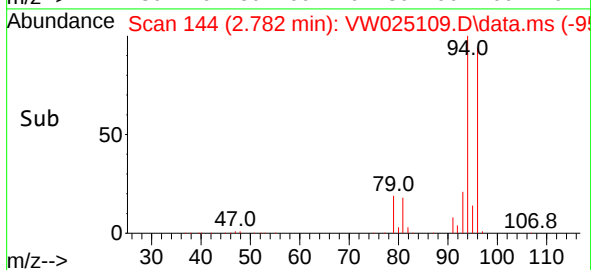
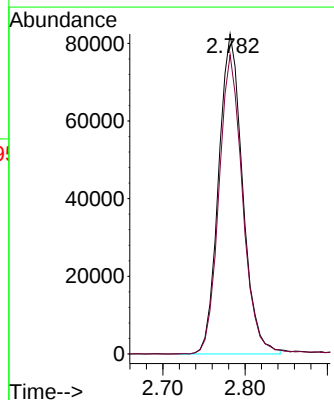
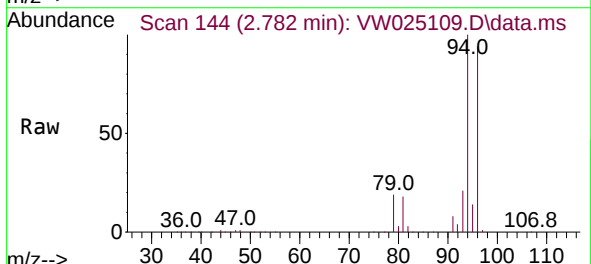
Instrument :
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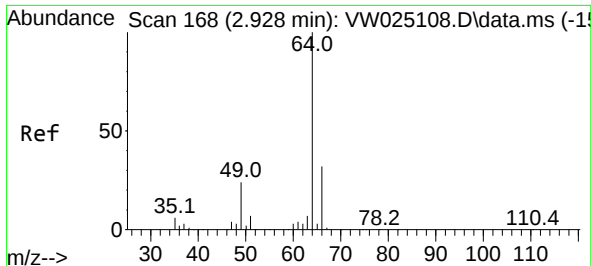
Tgt Ion: 62 Resp: 344721
 Ion Ratio Lower Upper
 62 100
 64 34.9 24.8 46.1



#6
 Bromomethane
 Concen: 51.873 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW025109.D
 Acq: 21 Nov 2022 10:40

Tgt Ion: 94 Resp: 167126
 Ion Ratio Lower Upper
 94 100
 96 93.5 66.7 123.9

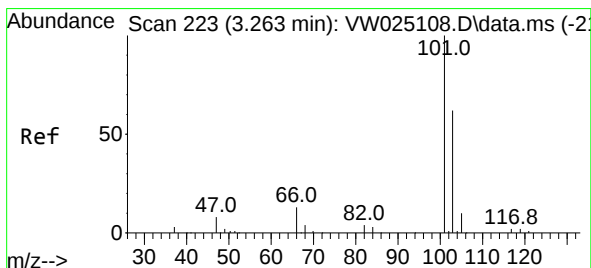
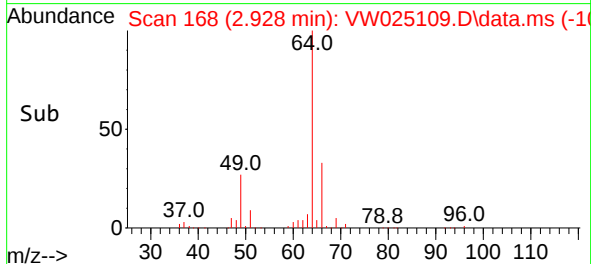
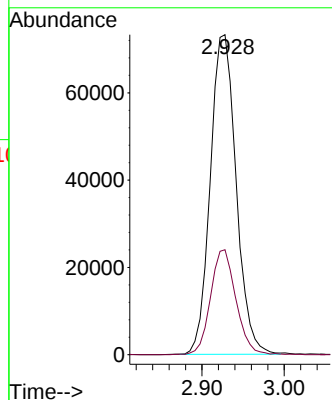
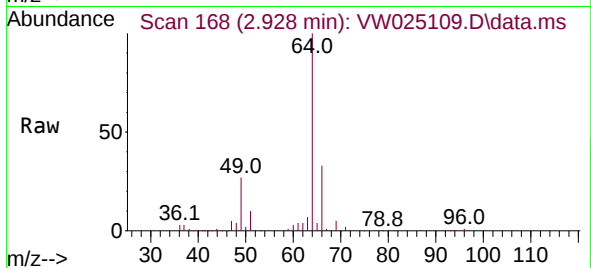




#8
Chloroethane
Concen: 52.420 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW025109.D
Acq: 21 Nov 2022 10:40

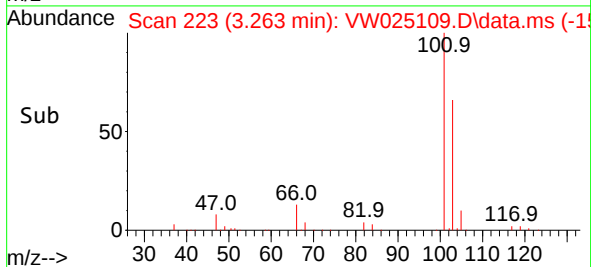
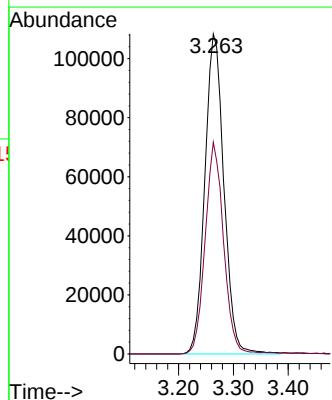
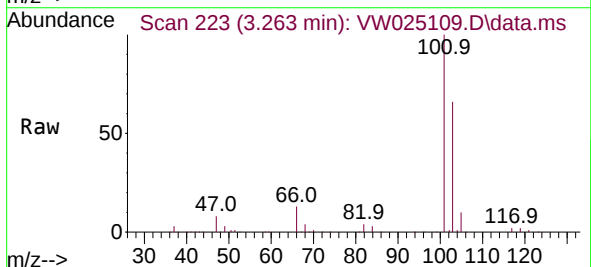
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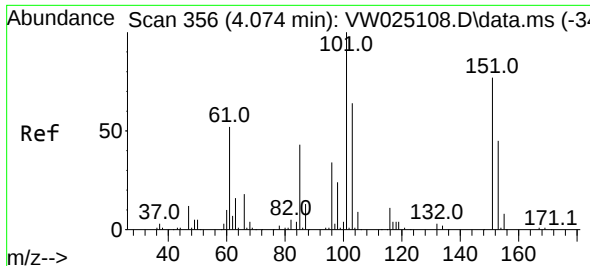
Tgt Ion: 64 Resp: 160087
Ion Ratio Lower Upper
64 100
66 32.8 22.7 42.1



#9
Trichlorofluoromethane
Concen: 52.247 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW025109.D
Acq: 21 Nov 2022 10:40

Tgt Ion:101 Resp: 261249
Ion Ratio Lower Upper
101 100
103 63.7 50.9 76.3

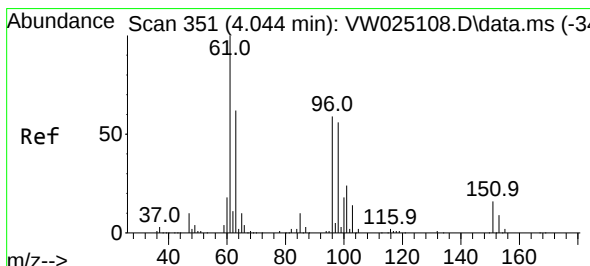
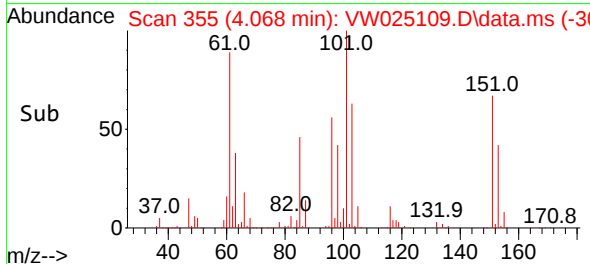
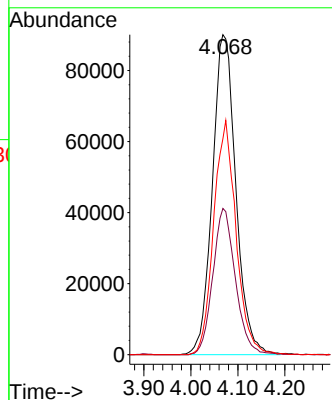
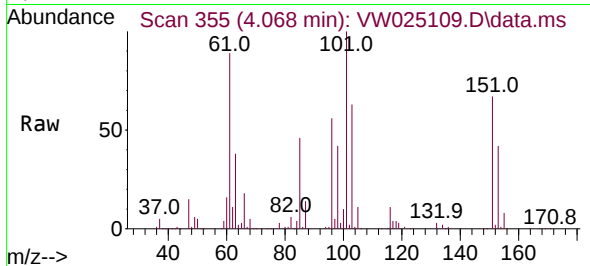




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.229 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW025109.D
 Acq: 21 Nov 2022 10:40

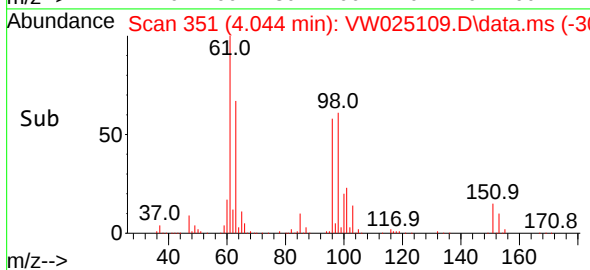
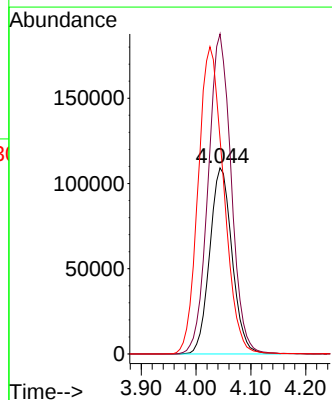
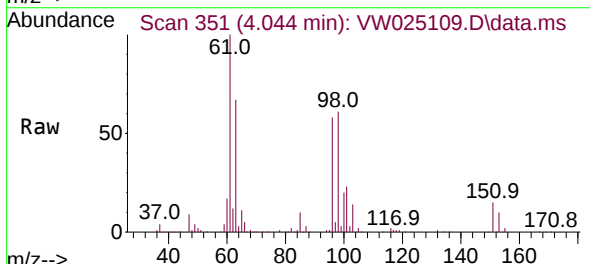
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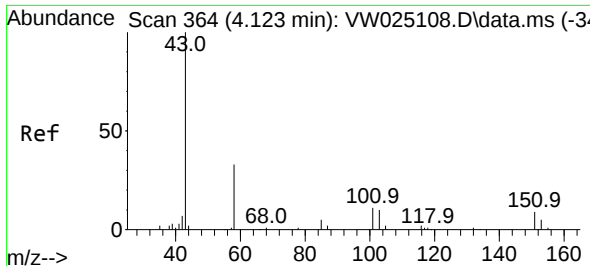
Tgt Ion:101 Resp: 312767
 Ion Ratio Lower Upper
 101 100
 85 43.9 34.6 52.0
 151 69.9 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 52.894 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW025109.D
 Acq: 21 Nov 2022 10:40

Tgt Ion: 96 Resp: 309212
 Ion Ratio Lower Upper
 96 100
 61 171.9 120.8 224.4
 63 115.6 84.1 156.1

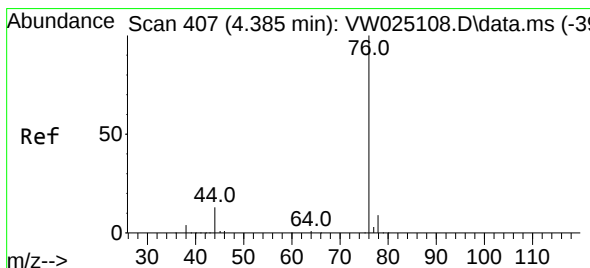
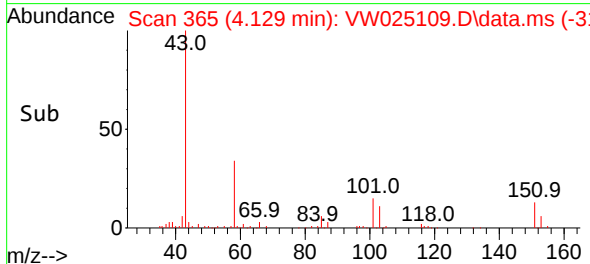
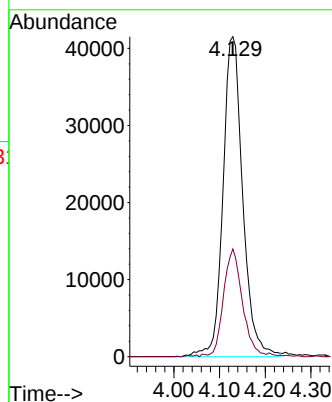
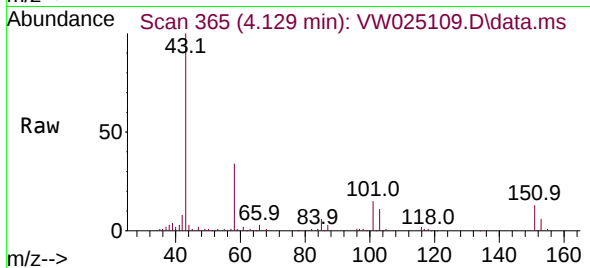




#13
Acetone
Concen: 104.608 ug/L
RT: 4.129 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW025109.D
Acq: 21 Nov 2022 10:40

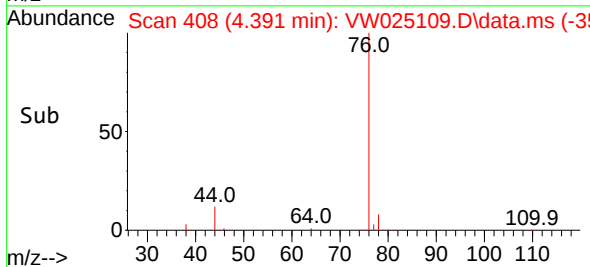
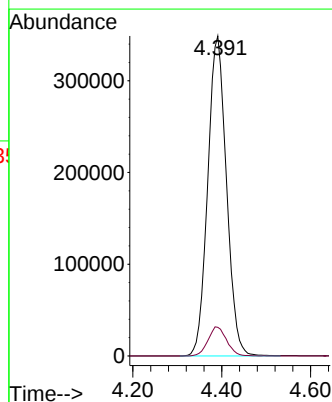
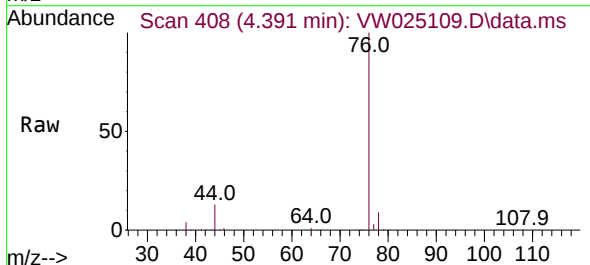
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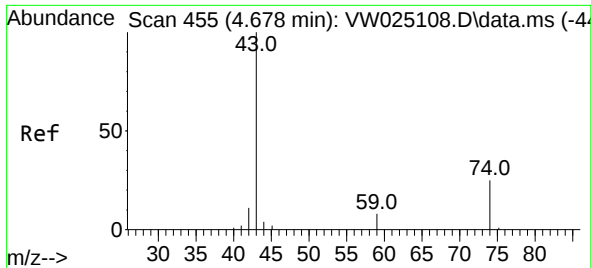
Tgt Ion: 43 Resp: 124735
Ion Ratio Lower Upper
43 100
58 31.9 0.0 65.2



#14
Carbon disulfide
Concen: 52.073 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW025109.D
Acq: 21 Nov 2022 10:40

Tgt Ion: 76 Resp: 1020771
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

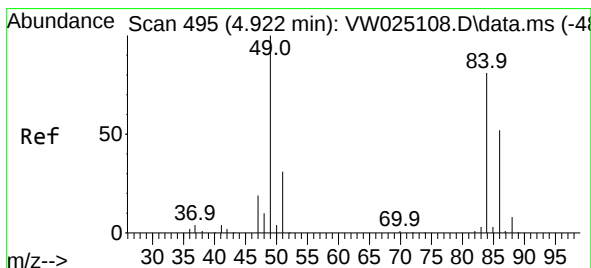
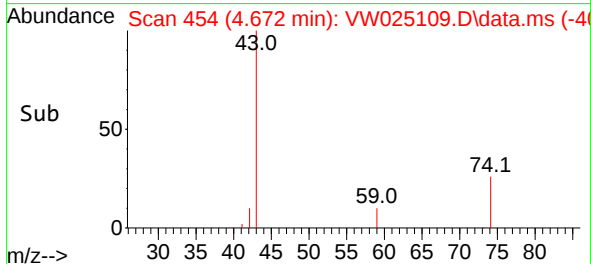
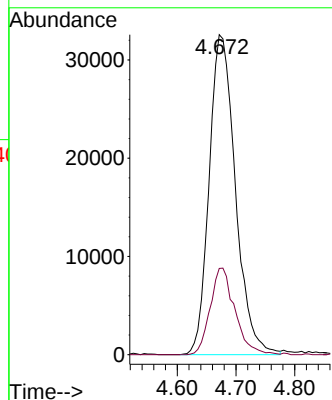
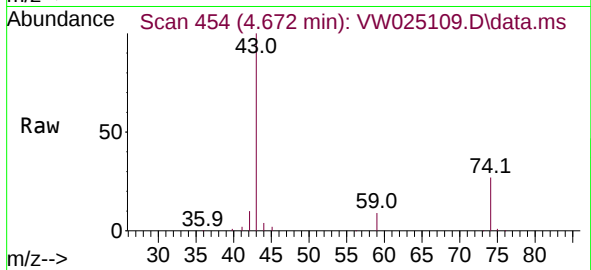




#15
Methyl Acetate
Concen: 51.221 ug/L
RT: 4.672 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW025109.D
Acq: 21 Nov 2022 10:40

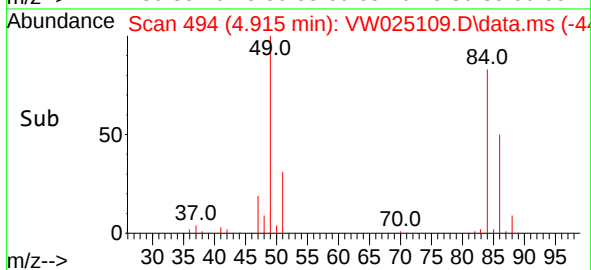
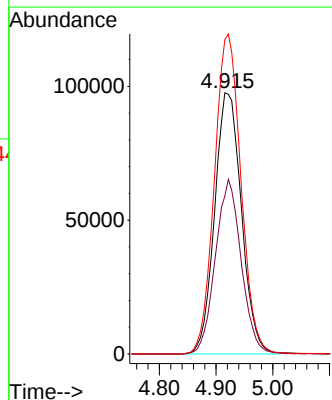
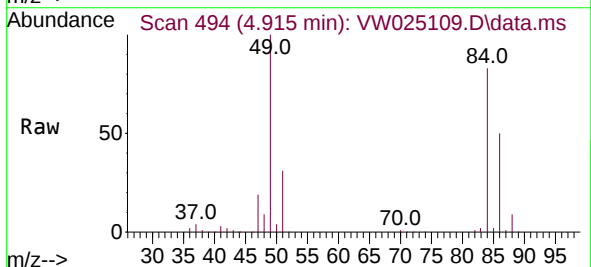
Instrument :
MSVOA_W
ClientSampleId :
VSTD050470

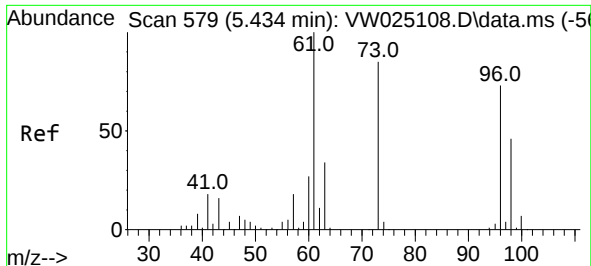
Tgt Ion: 43 Resp: 101240
Ion Ratio Lower Upper
43 100
74 25.5 19.5 29.3



#16
Methylene chloride
Concen: 40.769 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW025109.D
Acq: 21 Nov 2022 10:40

Tgt Ion: 84 Resp: 320720
Ion Ratio Lower Upper
84 100
86 60.5 45.0 83.6
49 120.4 86.3 160.3

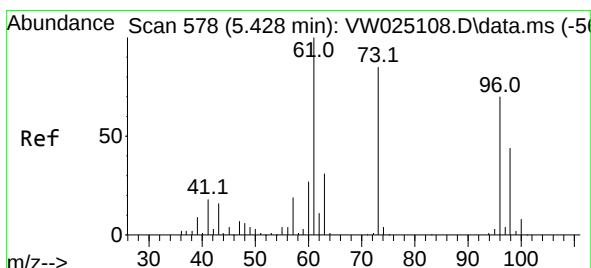
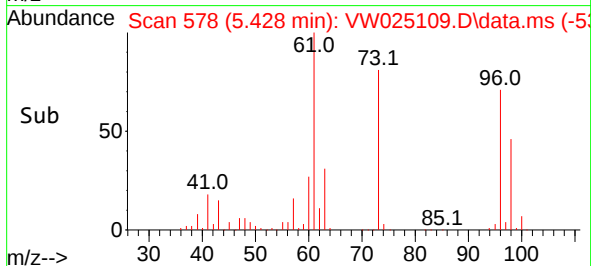
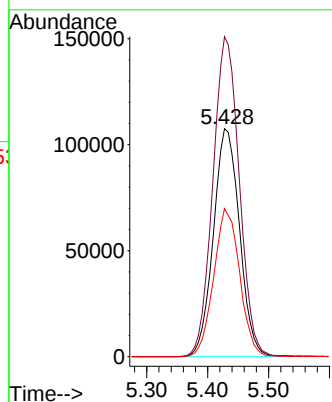
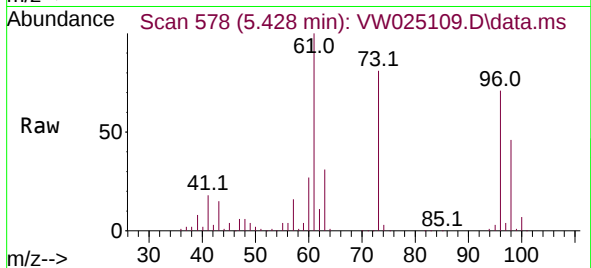




#17
trans-1,2-Dichloroethene
Concen: 51.698 ug/L
RT: 5.428 min Scan# 517
Delta R.T. -0.006 min
Lab File: VW025109.D
Acq: 21 Nov 2022 10:40

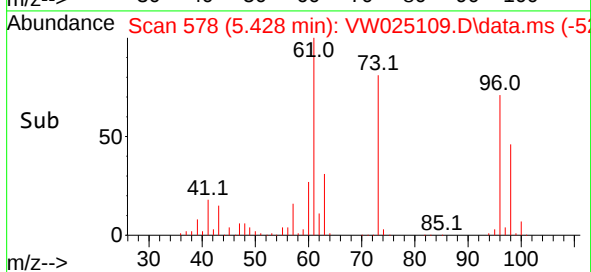
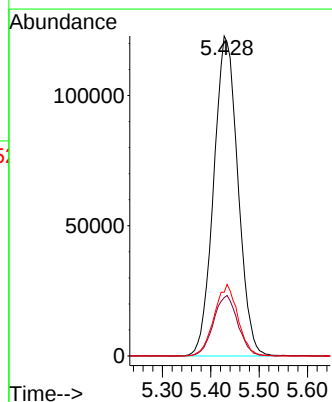
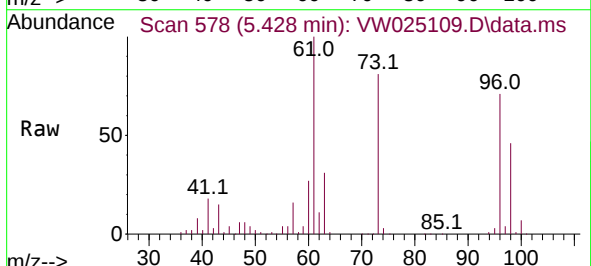
Instrument :
MSVOA_W
ClientSampleId :
VSTD050470

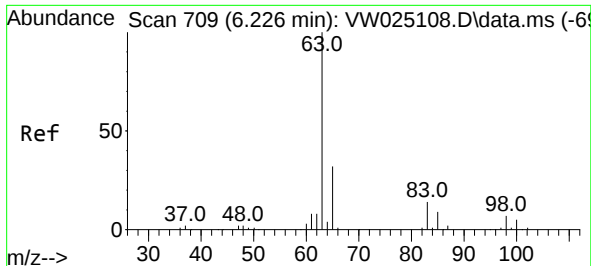
Tgt Ion: 96 Resp: 321053
Ion Ratio Lower Upper
96 100
61 140.4 95.5 177.3
98 64.9 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 51.874 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW025109.D
Acq: 21 Nov 2022 10:40

Tgt Ion: 73 Resp: 426959
Ion Ratio Lower Upper
73 100
43 19.0 15.6 23.4
57 21.8 17.5 26.3





#19

1,1-Dichloroethane

Concen: 51.756 ug/L

RT: 6.220 min Scan# 709

Delta R.T. -0.006 min

Lab File: VW025109.D

Acq: 21 Nov 2022 10:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD050470

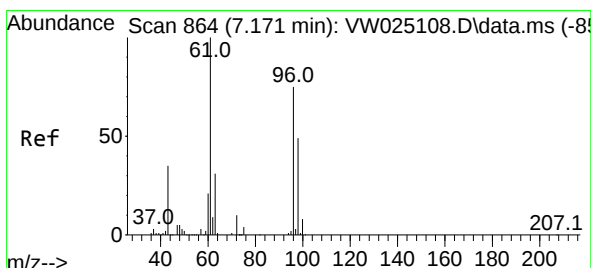
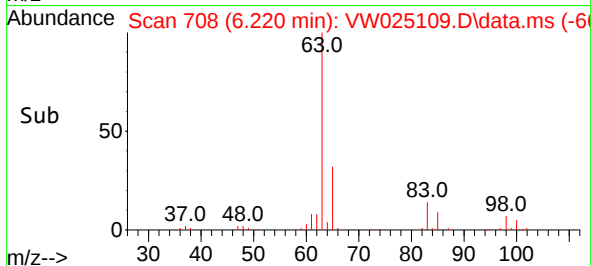
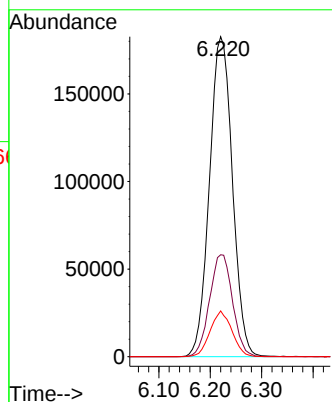
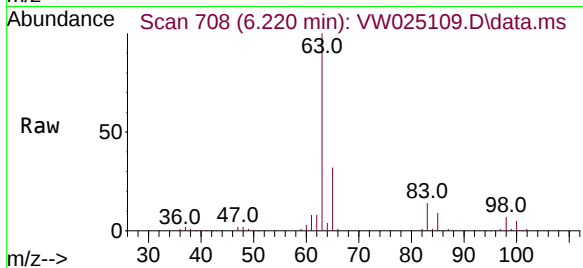
Tgt Ion: 63 Resp: 566342

Ion Ratio Lower Upper

63 100

65 31.9 22.2 41.2

83 14.3 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 52.521 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW025109.D

Acq: 21 Nov 2022 10:40

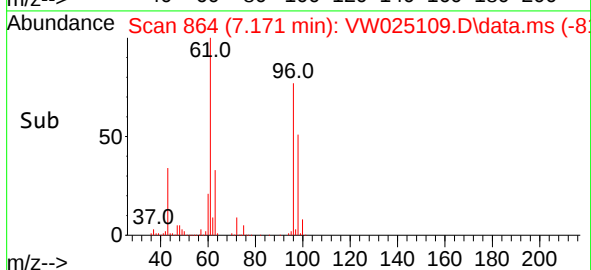
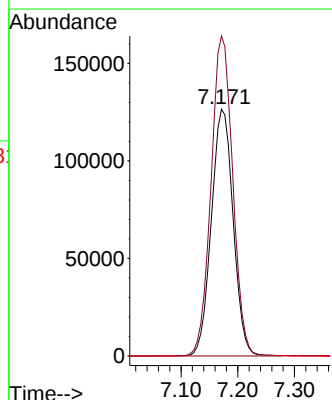
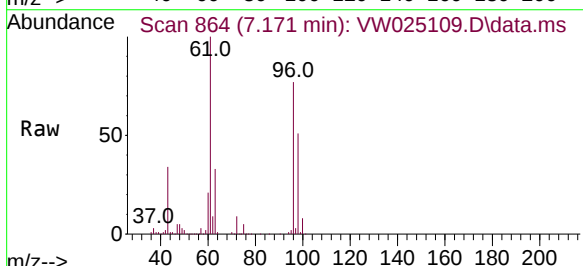
Tgt Ion: 96 Resp: 337825

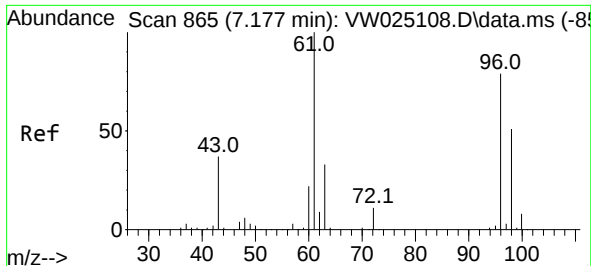
Ion Ratio Lower Upper

96 100

61 129.7 93.7 173.9

68 0.0 0.0 0.0

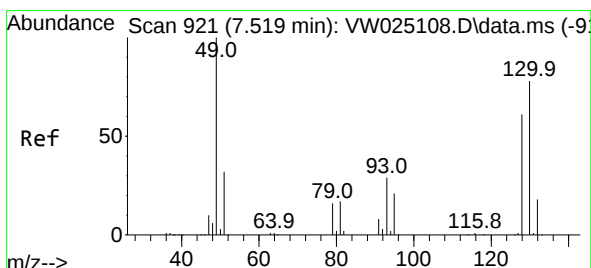
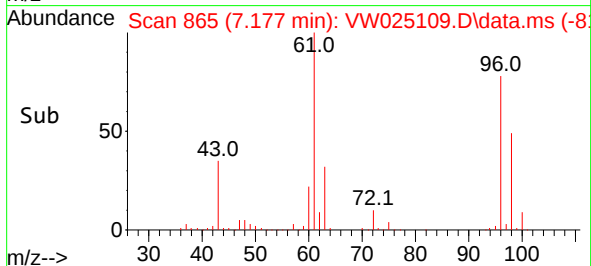
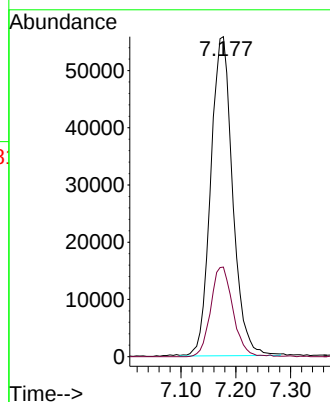
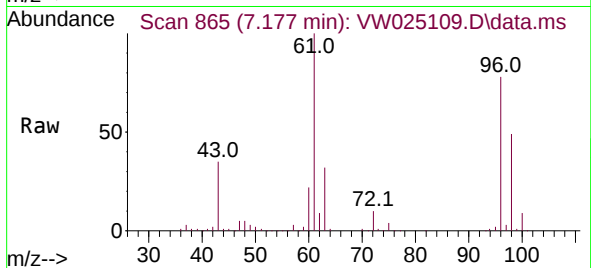




#22
2-Butanone
Concen: 101.307 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.000 min
Lab File: VW025109.D
Acq: 21 Nov 2022 10:40

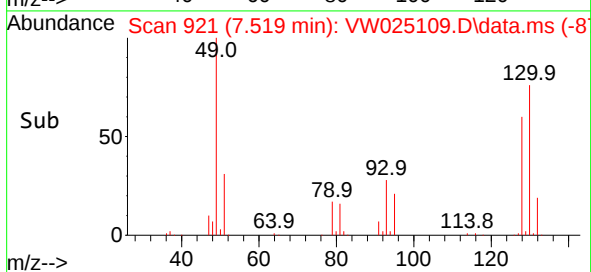
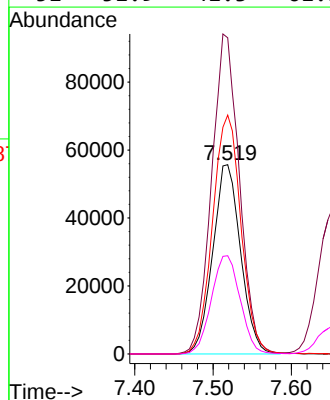
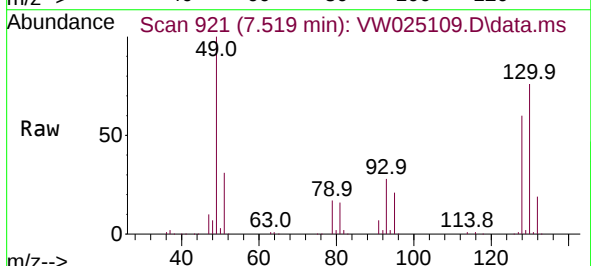
Instrument :
MSVOA_W
ClientSampleId :
VSTD050470

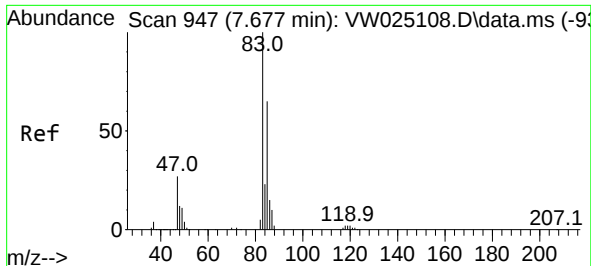
Tgt Ion: 43 Resp: 154646
Ion Ratio Lower Upper
43 100
72 28.3 15.0 45.0



#23
Bromochloromethane
Concen: 52.712 ug/L
RT: 7.519 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW025109.D
Acq: 21 Nov 2022 10:40

Tgt Ion: 128 Resp: 137500
Ion Ratio Lower Upper
128 100
49 167.0 114.1 211.9
130 126.2 89.0 165.2
51 51.9 41.3 61.9

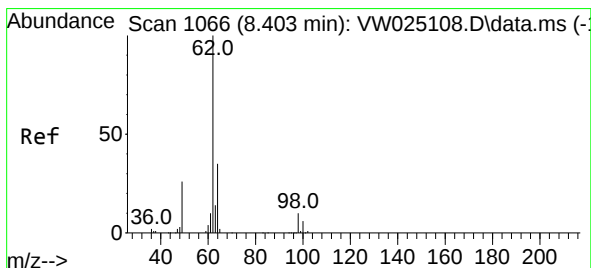
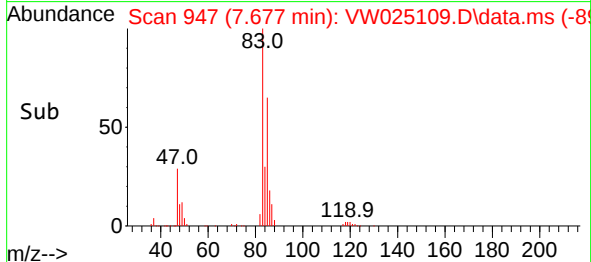
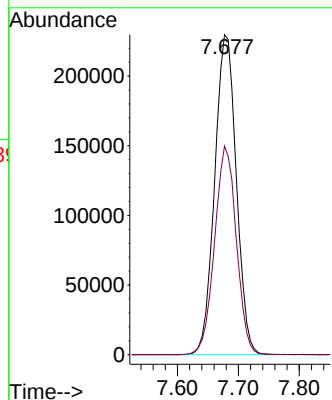
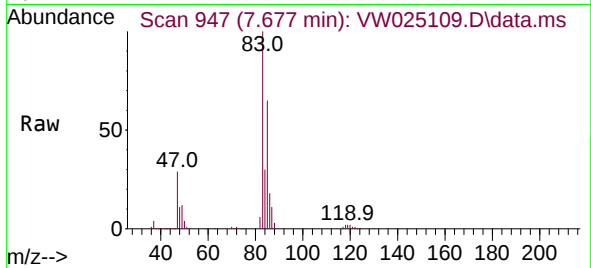




#25
Chloroform
Concen: 51.793 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW025109.D
Acq: 21 Nov 2022 10:40

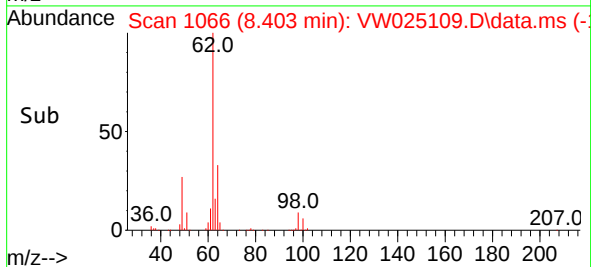
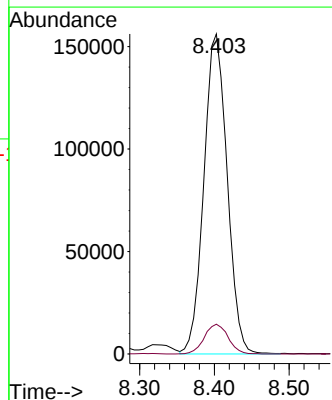
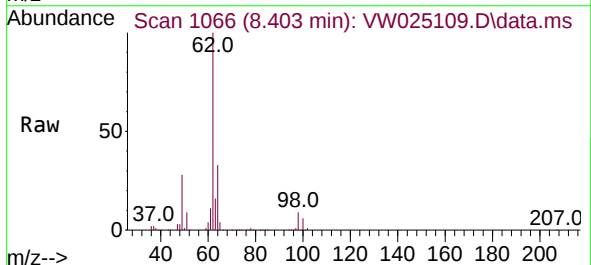
Instrument :
MSVOA_W
ClientSampleId :
VSTD050470

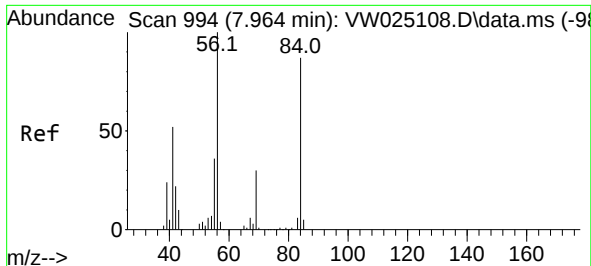
Tgt Ion: 83 Resp: 567192
Ion Ratio Lower Upper
83 100
85 65.2 45.4 84.2



#27
1,2-Dichloroethane
Concen: 51.244 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW025109.D
Acq: 21 Nov 2022 10:40

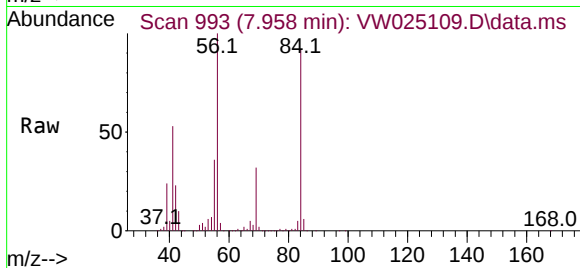
Tgt Ion: 62 Resp: 338749
Ion Ratio Lower Upper
62 100
98 9.3 7.8 11.8





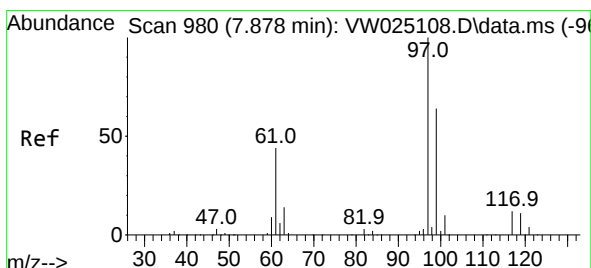
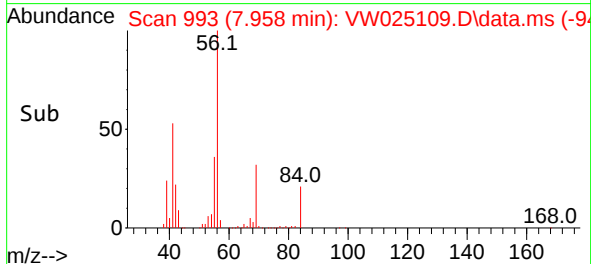
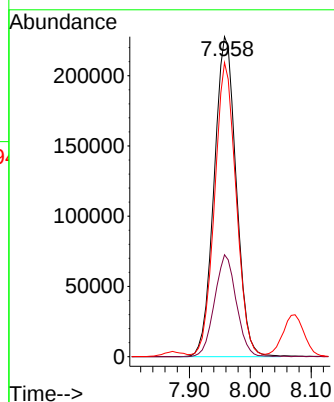
#29
Cyclohexane
Concen: 53.345 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.006 min
Lab File: VW025109.D
Acq: 21 Nov 2022 10:40

Instrument :
MSVOA_W
ClientSampleId :
VSTD050470



Tgt Ion: 56 Resp: 575267

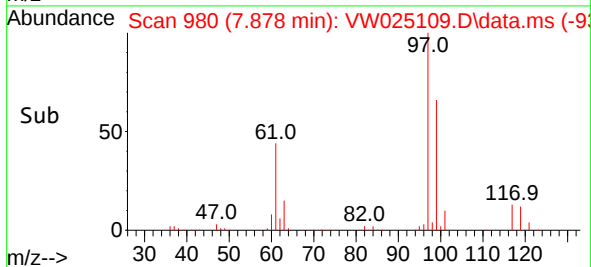
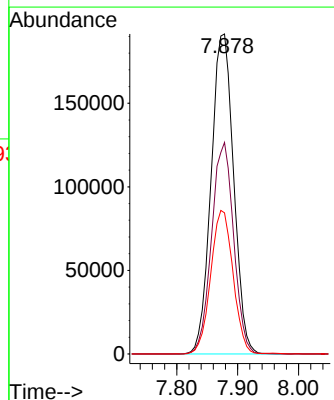
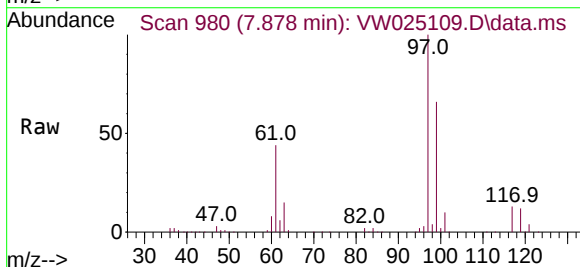
Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.0	37.6
84	89.6	70.9	106.3

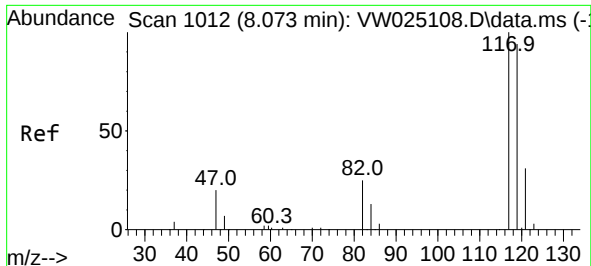


#30
1,1,1-Trichloroethane
Concen: 51.730 ug/L
RT: 7.878 min Scan# 980
Delta R.T. -0.000 min
Lab File: VW025109.D
Acq: 21 Nov 2022 10:40

Tgt Ion: 97 Resp: 492866

Ion	Ratio	Lower	Upper
97	100		
99	64.8	50.9	76.3
61	44.4	35.5	53.3

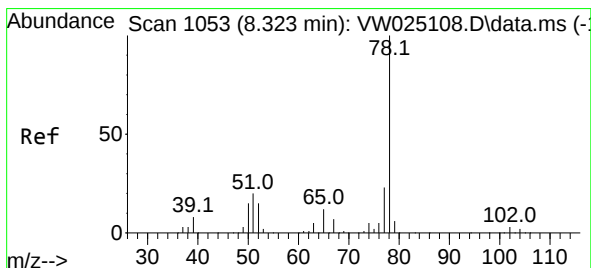
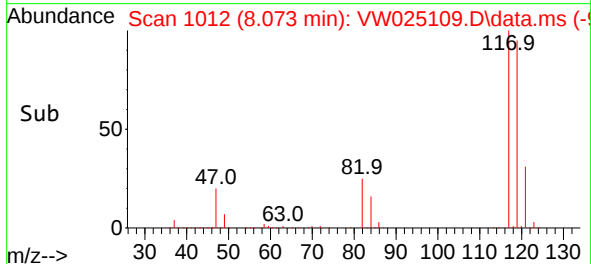
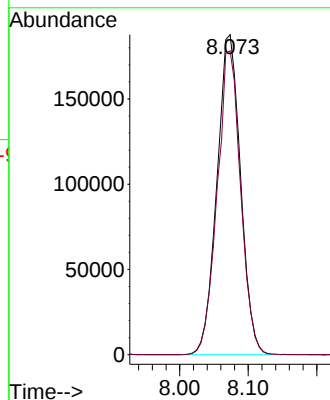
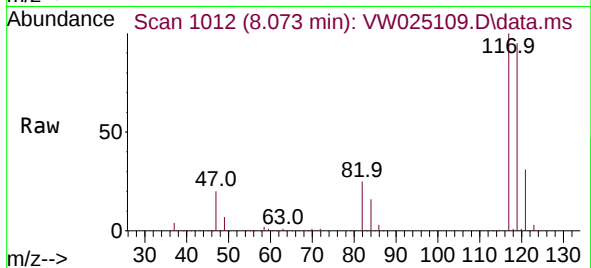




#31
Carbon tetrachloride
Concen: 51.908 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW025109.D
Acq: 21 Nov 2022 10:40

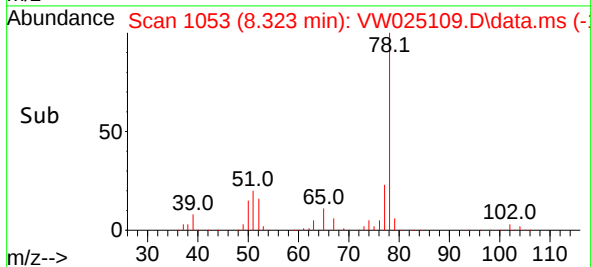
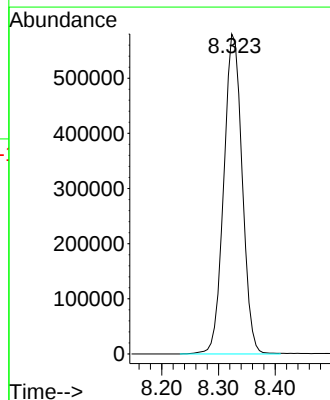
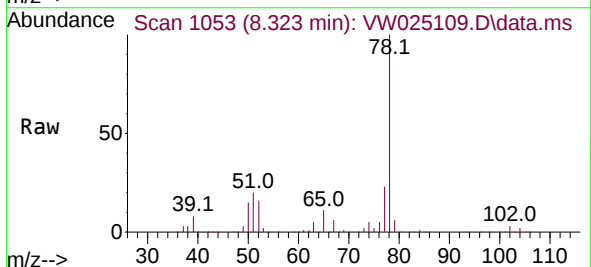
Instrument :
MSVOA_W
ClientSampleId :
VSTD050470

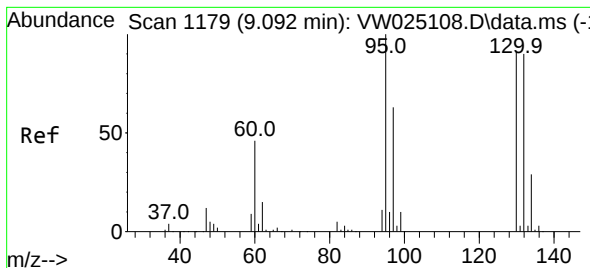
Tgt Ion:117 Resp: 448797
Ion Ratio Lower Upper
117 100
119 94.2 77.0 115.4



#33
Benzene
Concen: 51.807 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW025109.D
Acq: 21 Nov 2022 10:40

Tgt Ion: 78 Resp: 1309535





#34

Trichloroethene

Concen: 51.171 ug/L

RT: 9.098 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VW025109.D

Acq: 21 Nov 2022 10:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD050470

Tgt Ion: 95 Resp: 339014

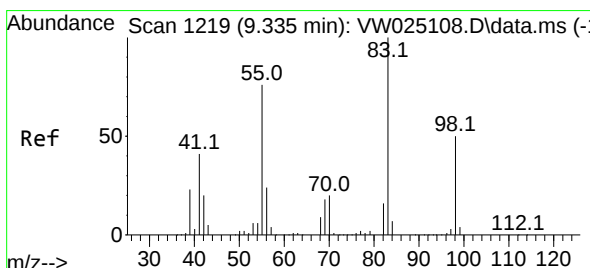
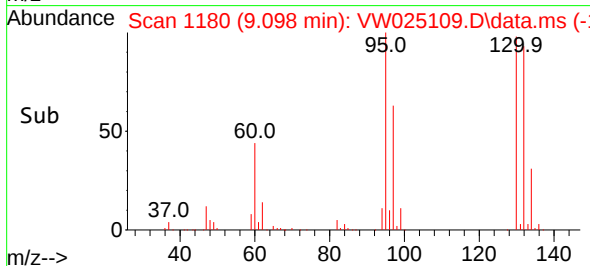
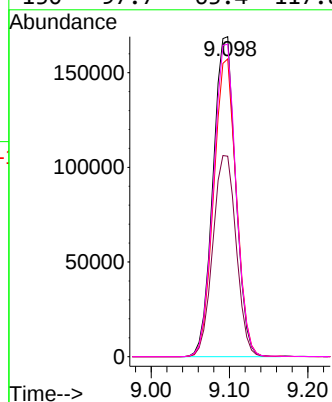
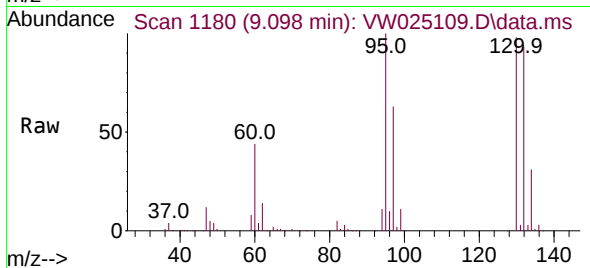
Ion Ratio Lower Upper

95 100

97 62.7 44.3 82.3

132 93.1 63.0 117.0

130 97.7 63.4 117.8



#35

Methylcyclohexane

Concen: 52.736 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW025109.D

Acq: 21 Nov 2022 10:40

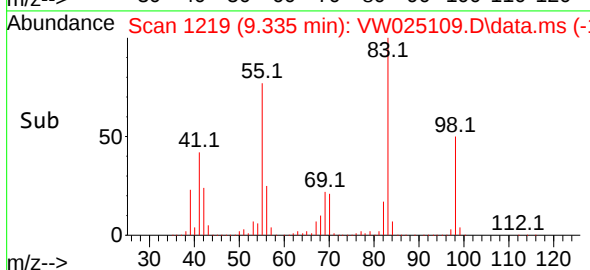
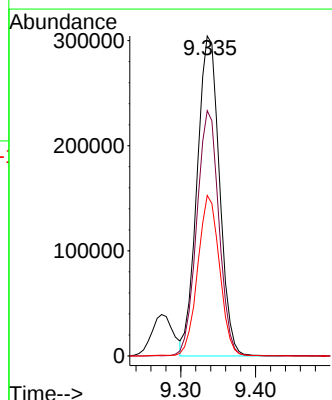
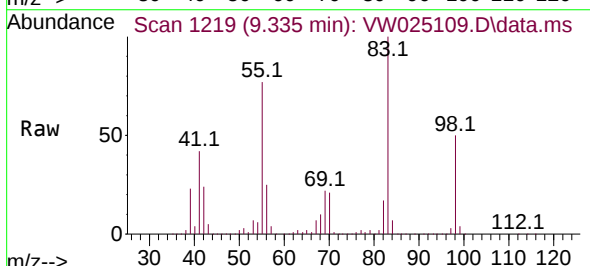
Tgt Ion: 83 Resp: 632041

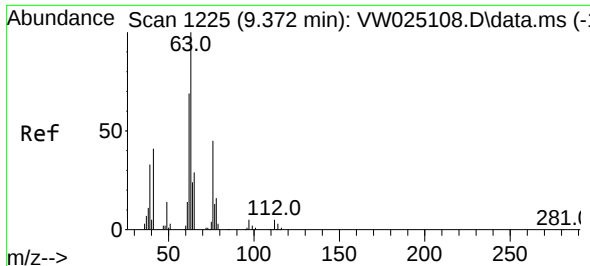
Ion Ratio Lower Upper

83 100

55 76.0 59.3 88.9

98 49.0 38.6 57.8





#37

1,2-Dichloropropane

Concen: 51.120 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW025109.D

Acq: 21 Nov 2022 10:40

Instrument :

MSVOA_W

ClientSampleId :

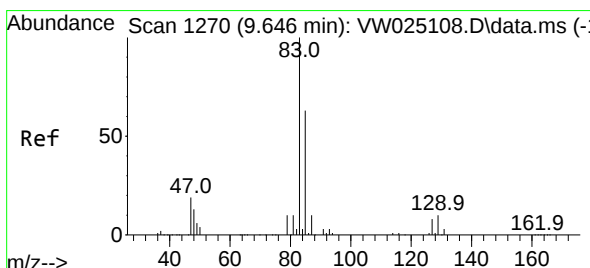
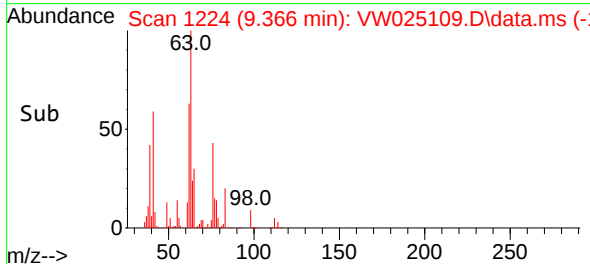
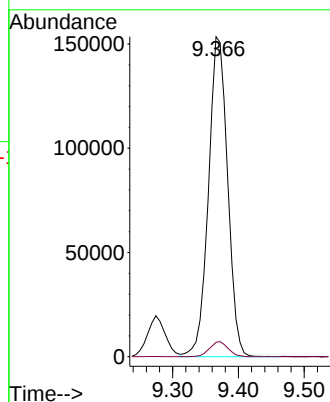
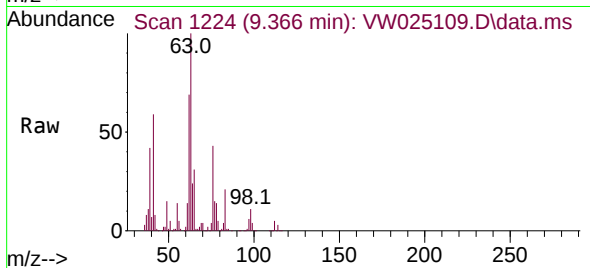
VSTD050470

Tgt Ion: 63 Resp: 310891

Ion Ratio Lower Upper

63 100

112 4.6 3.4 5.2



#38

Bromodichloromethane

Concen: 51.572 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW025109.D

Acq: 21 Nov 2022 10:40

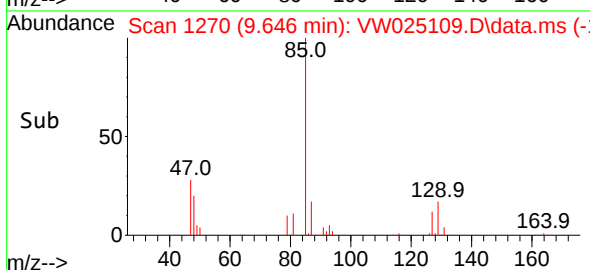
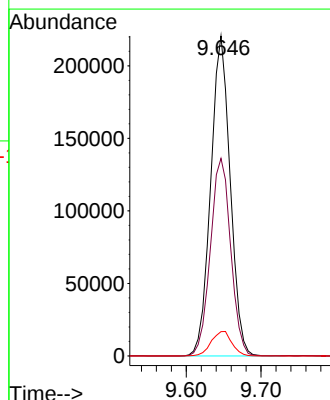
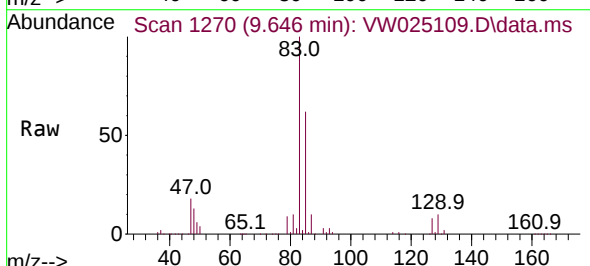
Tgt Ion: 83 Resp: 400646

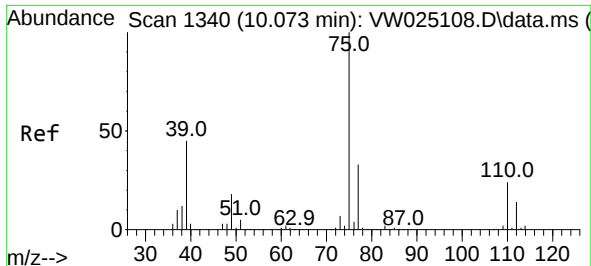
Ion Ratio Lower Upper

83 100

85 61.8 44.2 82.2

127 7.6 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 53.429 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW025109.D

Acq: 21 Nov 2022 10:40

Instrument :

MSVOA_W

ClientSampleId :

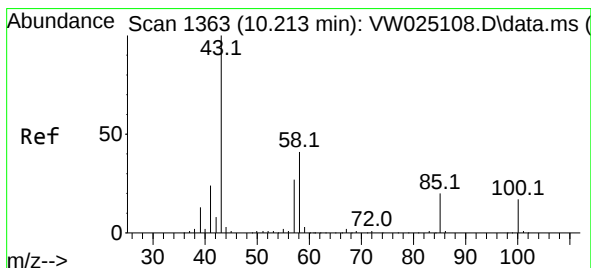
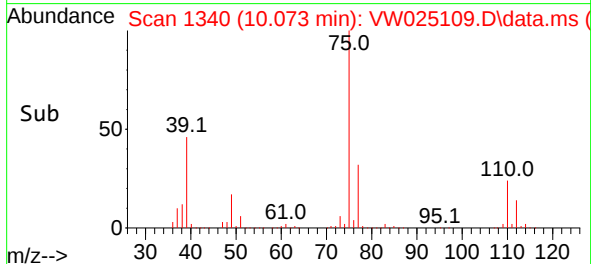
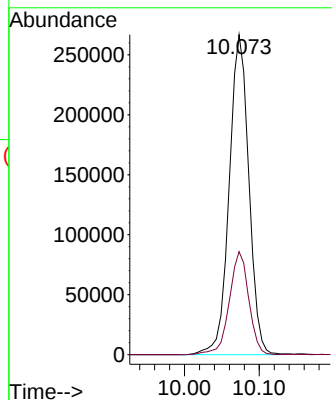
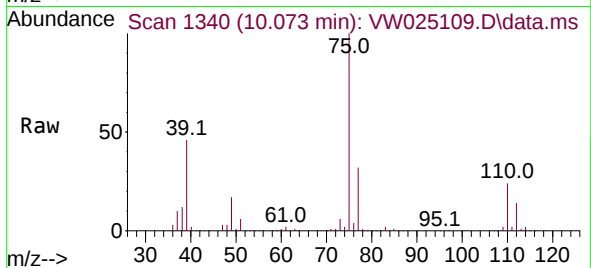
VSTD050470

Tgt Ion: 75 Resp: 486970

Ion Ratio Lower Upper

75 100

77 32.2 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 106.728 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW025109.D

Acq: 21 Nov 2022 10:40

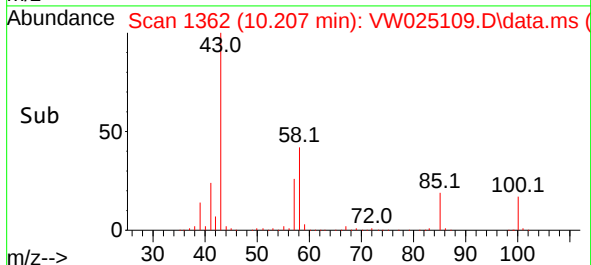
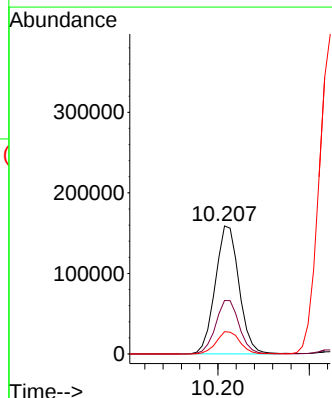
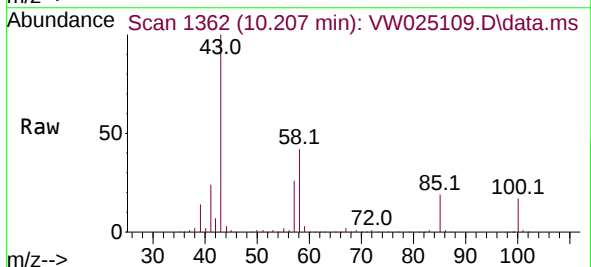
Tgt Ion: 43 Resp: 286794

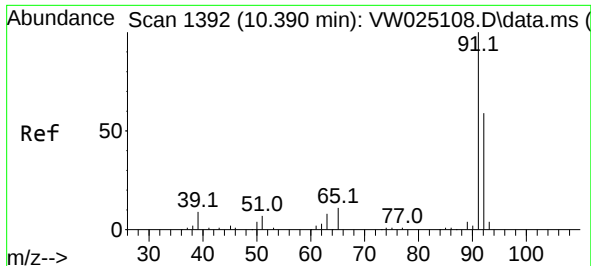
Ion Ratio Lower Upper

43 100

58 41.7 33.3 49.9

100 17.5 13.8 20.6





#42

Toluene

Concen: 51.645 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW025109.D

Acq: 21 Nov 2022 10:40

Instrument :

MSVOA_W

ClientSampleId :

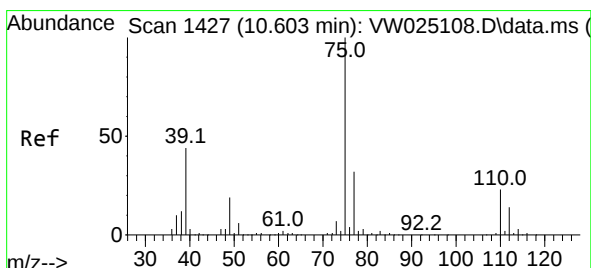
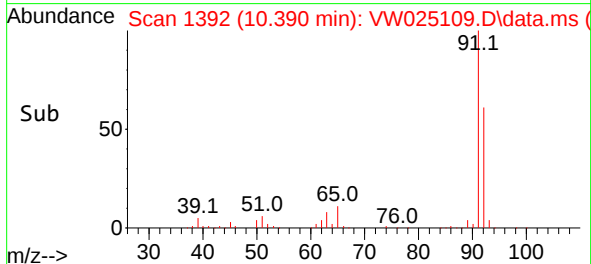
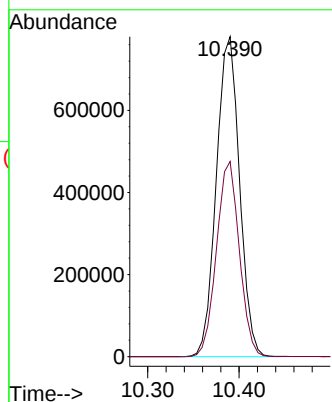
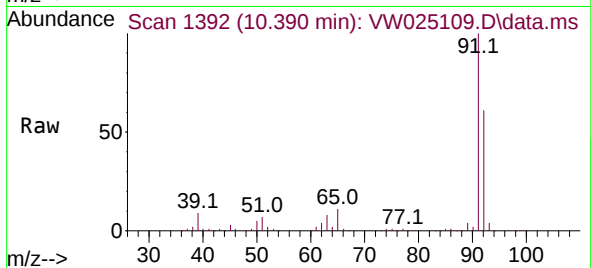
VSTD050470

Tgt Ion: 91 Resp: 1376474

Ion Ratio Lower Upper

91 100

92 61.0 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 54.615 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW025109.D

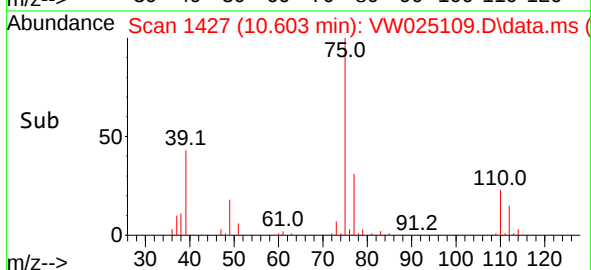
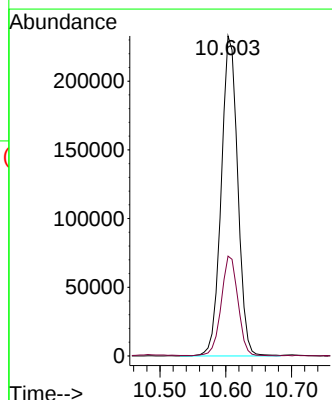
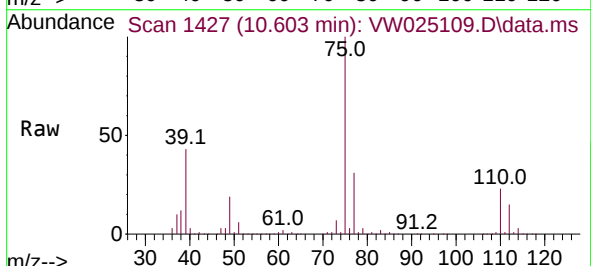
Acq: 21 Nov 2022 10:40

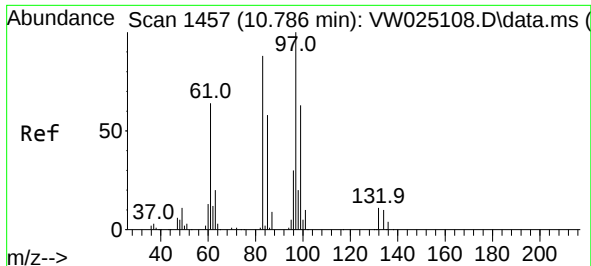
Tgt Ion: 75 Resp: 406595

Ion Ratio Lower Upper

75 100

77 31.2 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 51.013 ug/L

RT: 10.786 min Scan# 14

Delta R.T. -0.000 min

Lab File: VW025109.D

Acq: 21 Nov 2022 10:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD050470

Tgt Ion: 97 Resp: 207651

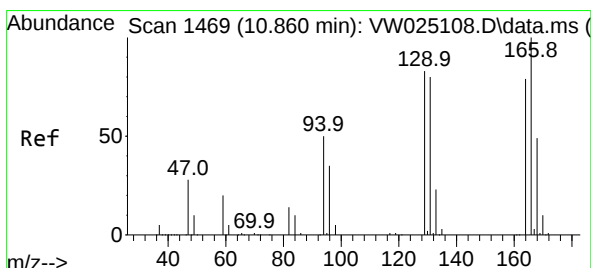
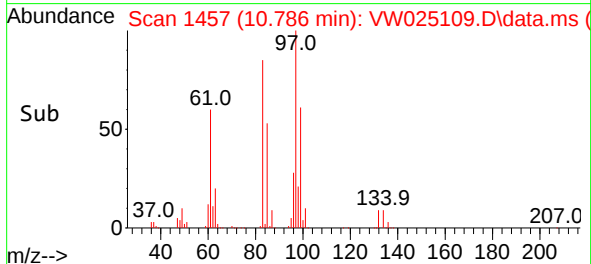
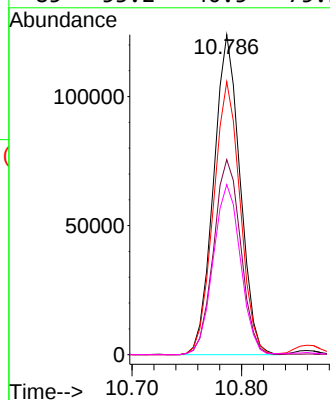
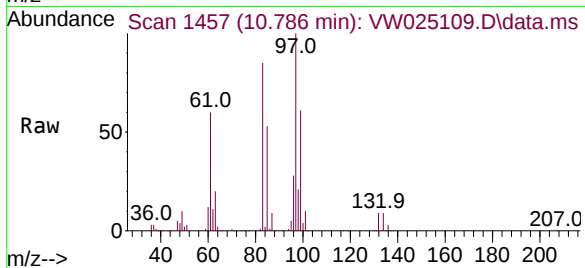
Ion Ratio Lower Upper

97 100

99 61.0 44.3 82.3

83 85.3 61.3 113.9

85 53.2 40.5 75.1



#46

Tetrachloroethene

Concen: 51.463 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW025109.D

Acq: 21 Nov 2022 10:40

Tgt Ion:164 Resp: 253600

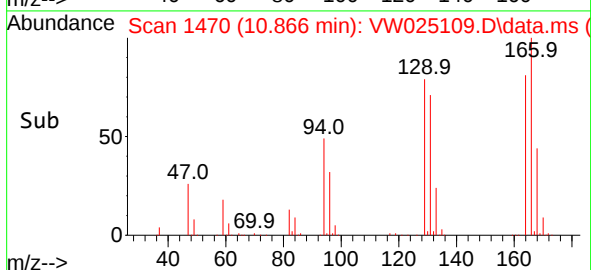
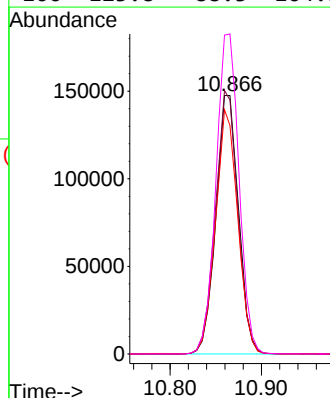
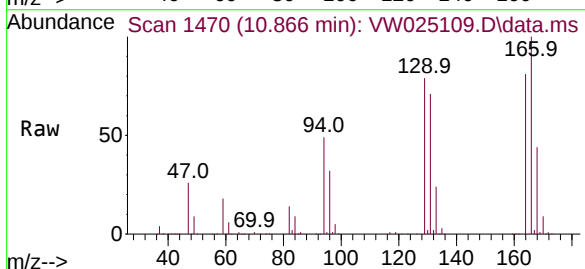
Ion Ratio Lower Upper

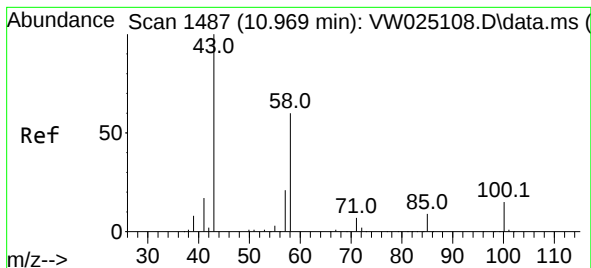
164 100

129 98.2 73.4 136.4

131 88.4 70.8 131.4

166 123.8 88.3 164.1

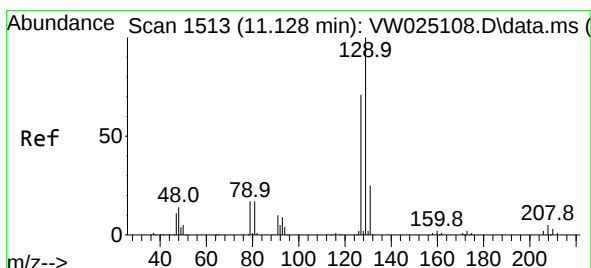
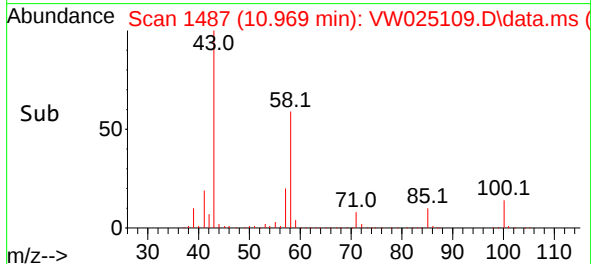
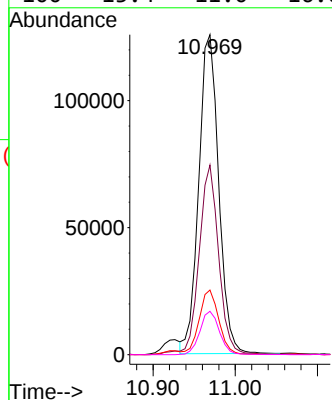
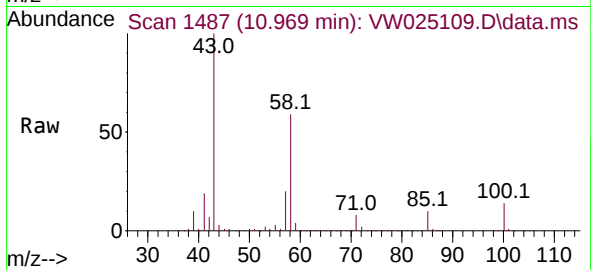




#48
2-Hexanone
Concen: 108.918 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW025109.D
Acq: 21 Nov 2022 10:40

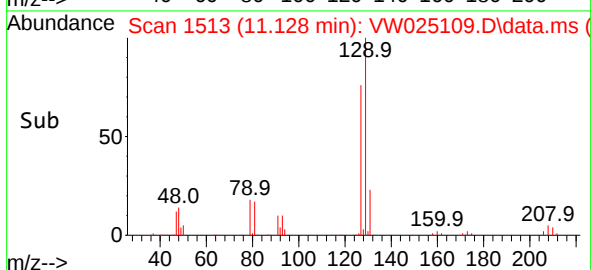
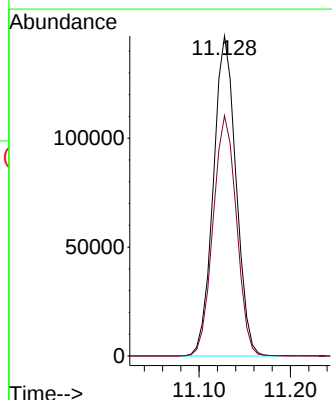
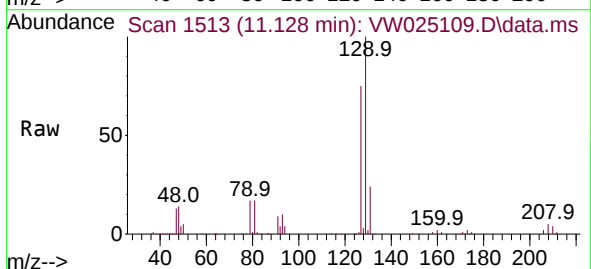
Instrument :
MSVOA_W
ClientSampleId :
VSTD050470

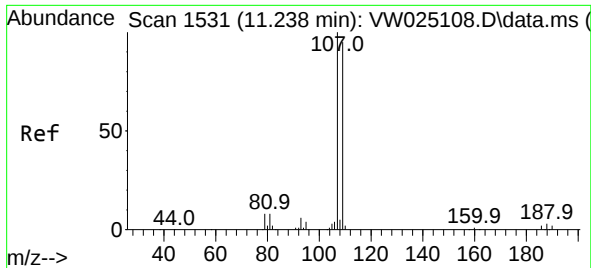
Tgt Ion: 43 Resp: 211399
Ion Ratio Lower Upper
43 100
58 58.7 46.6 69.8
57 20.2 16.7 25.1
100 13.4 11.0 16.6



#49
Dibromochloromethane
Concen: 52.088 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW025109.D
Acq: 21 Nov 2022 10:40

Tgt Ion: 129 Resp: 253322
Ion Ratio Lower Upper
129 100
127 75.1 49.7 92.3





#50

1,2-Dibromoethane

Concen: 52.506 ug/L

RT: 11.237 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025109.D

Acq: 21 Nov 2022 10:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD050470

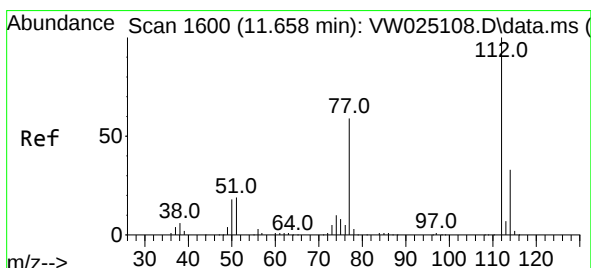
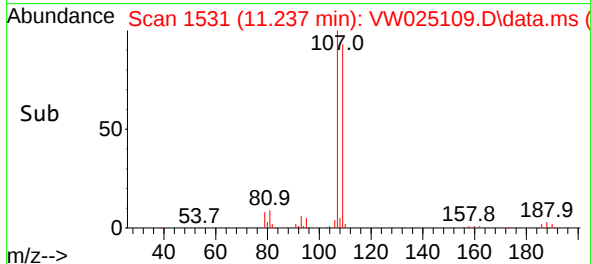
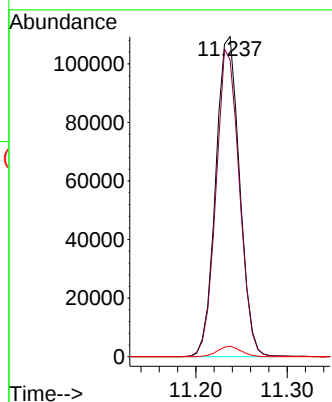
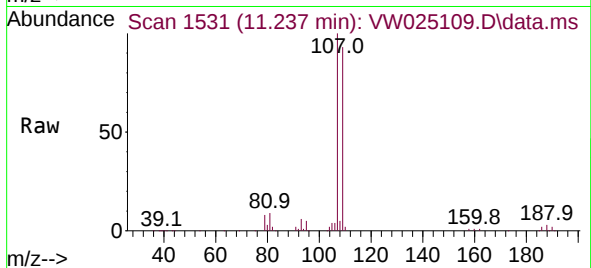
Tgt Ion:107 Resp: 198435

Ion Ratio Lower Upper

107 100

109 92.7 66.8 124.2

188 3.4 2.9 4.3



#51

Chlorobenzene

Concen: 51.537 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW025109.D

Acq: 21 Nov 2022 10:40

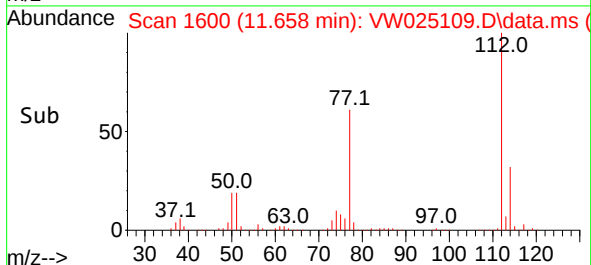
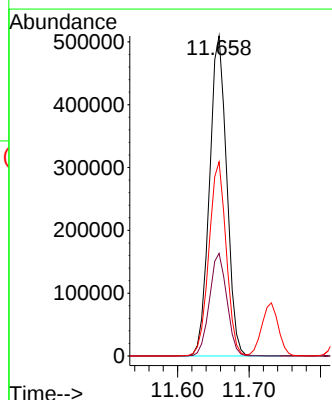
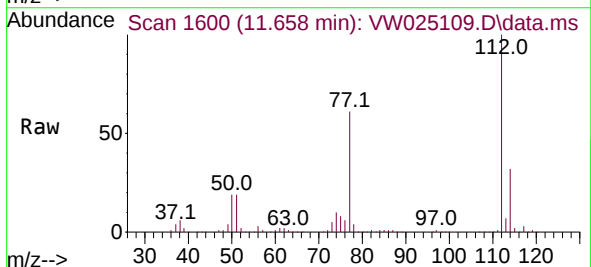
Tgt Ion:112 Resp: 852060

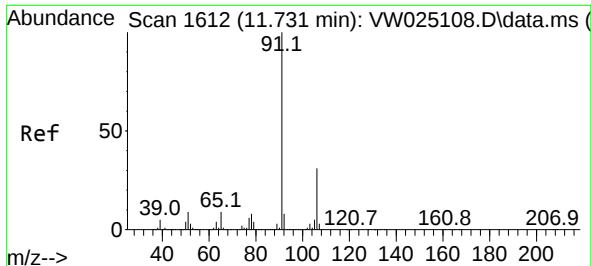
Ion Ratio Lower Upper

112 100

114 32.0 23.2 43.2

77 60.6 47.2 70.8

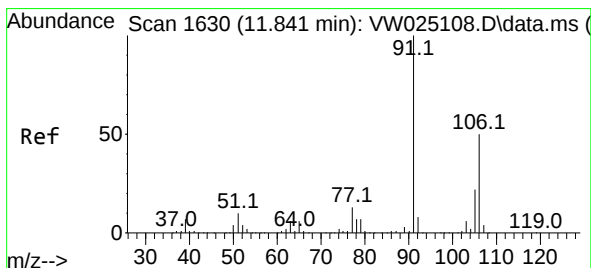
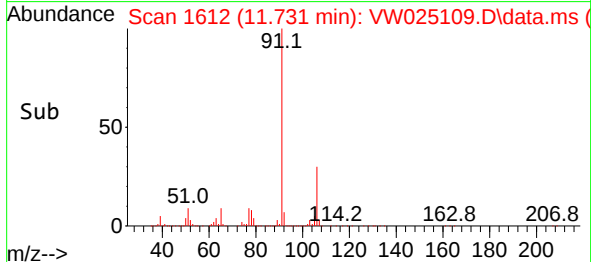
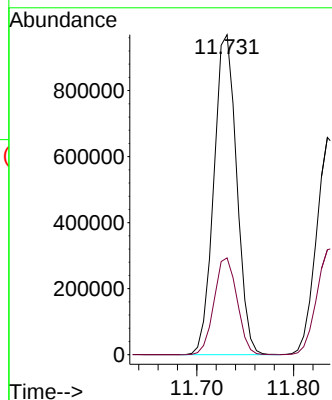
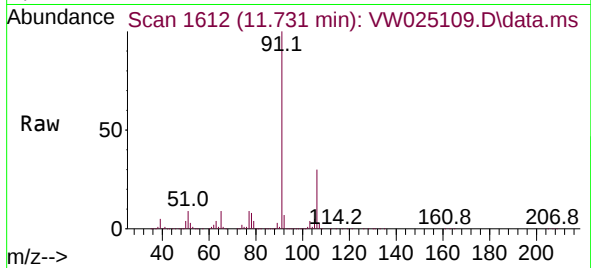




#52
Ethylbenzene
Concen: 52.967 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW025109.D
Acq: 21 Nov 2022 10:40

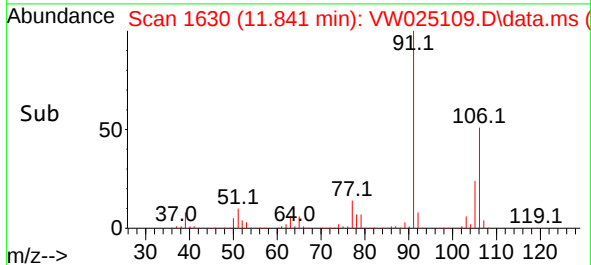
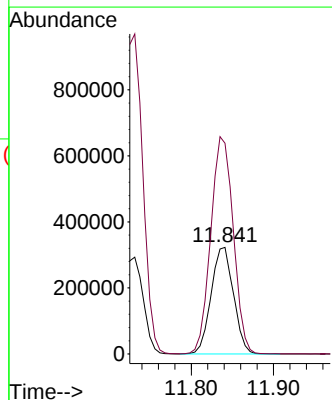
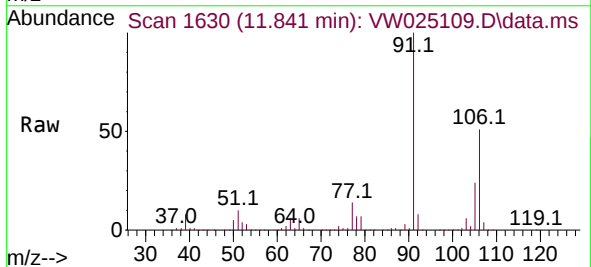
Instrument :
MSVOA_W
ClientSampleId :
VSTD050470

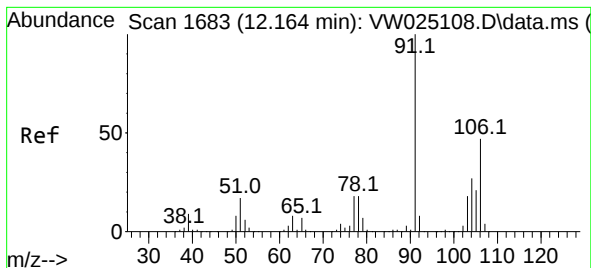
Tgt Ion: 91 Resp: 1588673
Ion Ratio Lower Upper
91 100
106 30.3 21.9 40.7



#53
m,p-Xylene
Concen: 52.903 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW025109.D
Acq: 21 Nov 2022 10:40

Tgt Ion: 106 Resp: 608789
Ion Ratio Lower Upper
106 100
91 197.6 139.7 259.4





#54

o-Xylene

Concen: 53.048 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025109.D

Acq: 21 Nov 2022 10:40

Instrument :

MSVOA_W

ClientSampleId :

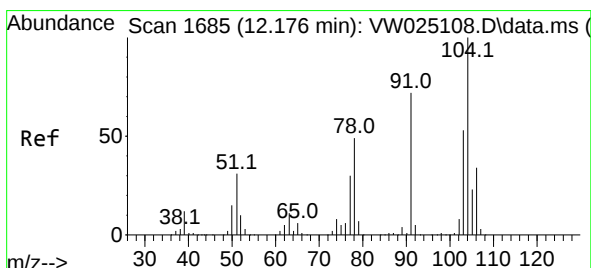
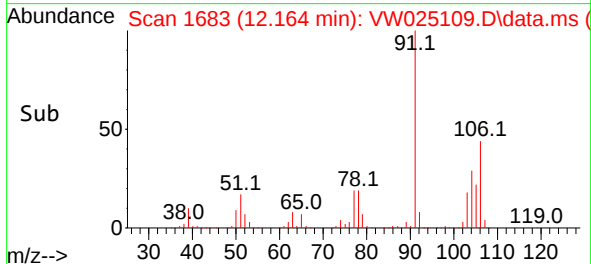
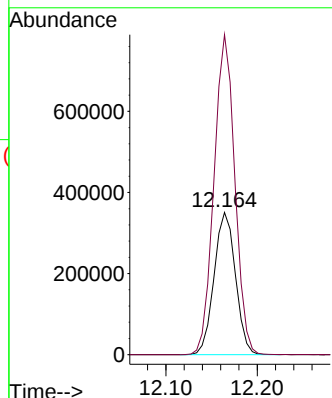
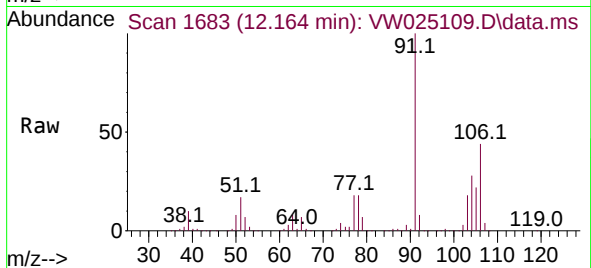
VSTD050470

Tgt Ion:106 Resp: 570071

Ion Ratio Lower Upper

106 100

91 224.9 148.8 276.4



#55

Styrene

Concen: 53.806 ug/L

RT: 12.182 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VW025109.D

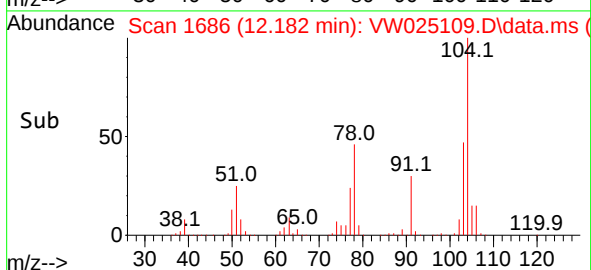
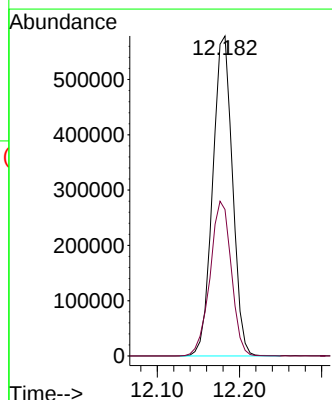
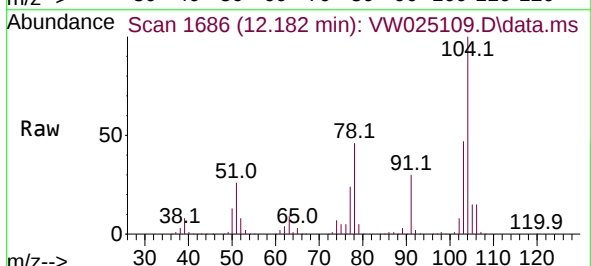
Acq: 21 Nov 2022 10:40

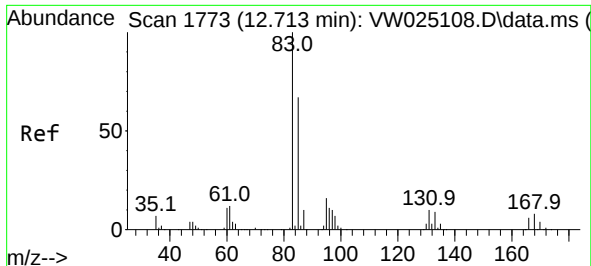
Tgt Ion:104 Resp: 969173

Ion Ratio Lower Upper

104 100

78 45.7 34.4 63.8





#57

1,1,2,2-Tetrachloroethane

Concen: 51.822 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025109.D

Acq: 21 Nov 2022 10:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD050470

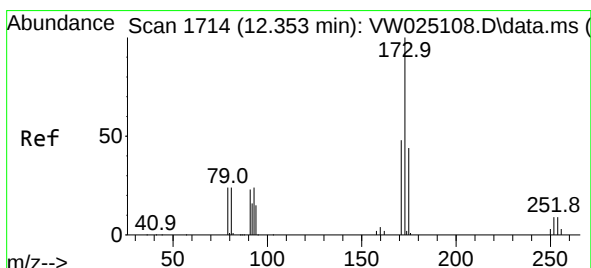
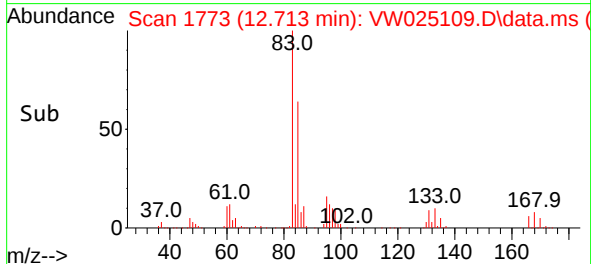
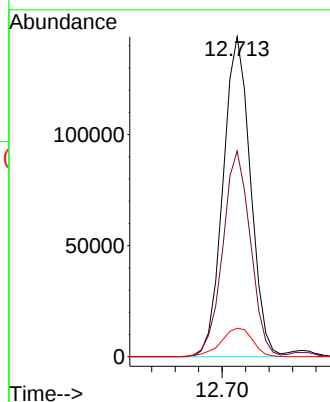
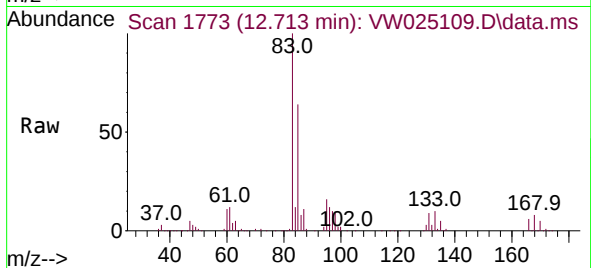
Tgt Ion: 83 Resp: 232888

Ion Ratio Lower Upper

83 100

85 64.2 46.8 87.0

131 8.9 8.2 12.2



#59

Bromoform

Concen: 51.334 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.006 min

Lab File: VW025109.D

Acq: 21 Nov 2022 10:40

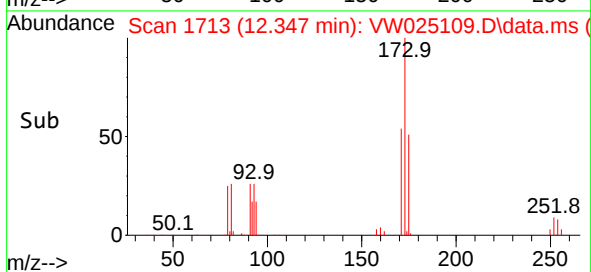
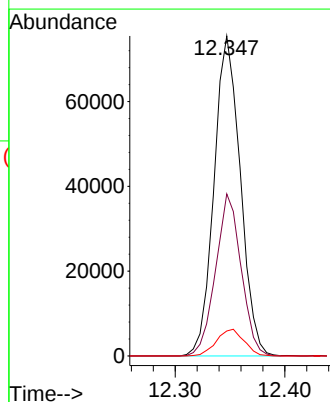
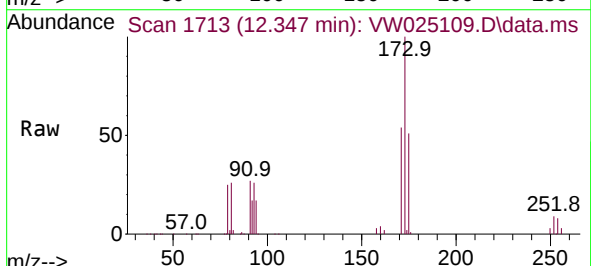
Tgt Ion:173 Resp: 125766

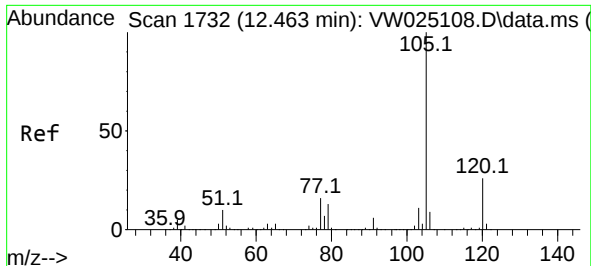
Ion Ratio Lower Upper

173 100

175 49.2 37.4 56.0

254 8.8 6.8 10.2

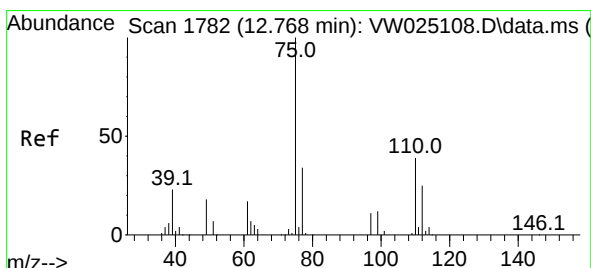
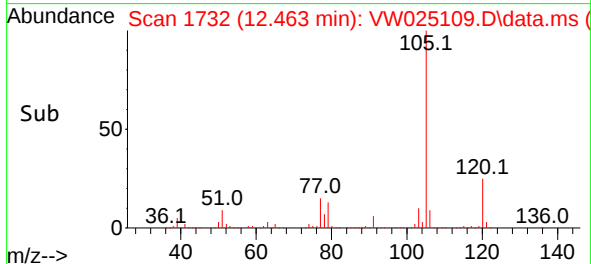
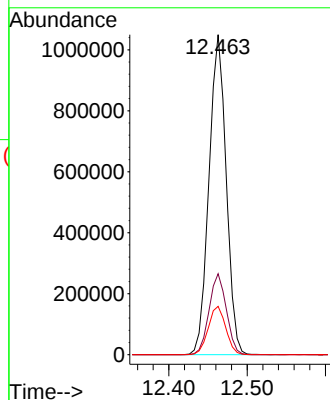
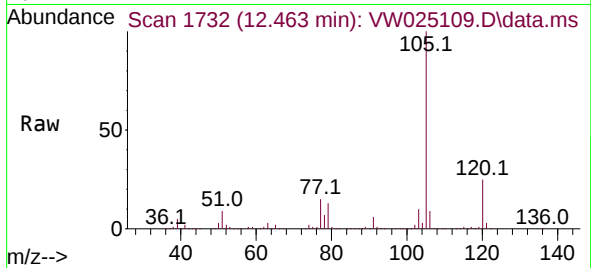




#60
Isopropylbenzene
Concen: 51.739 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW025109.D
Acq: 21 Nov 2022 10:40

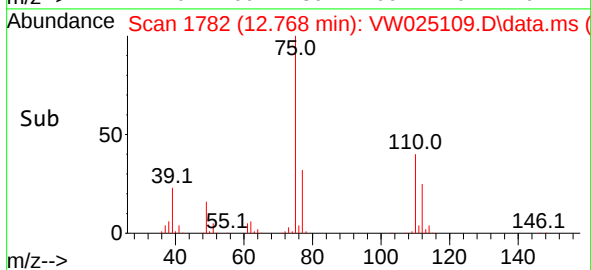
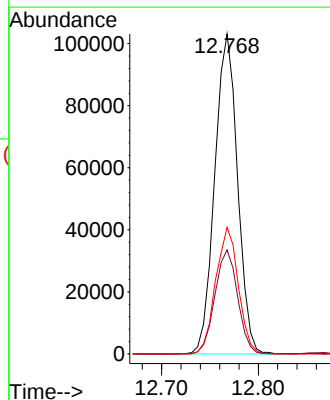
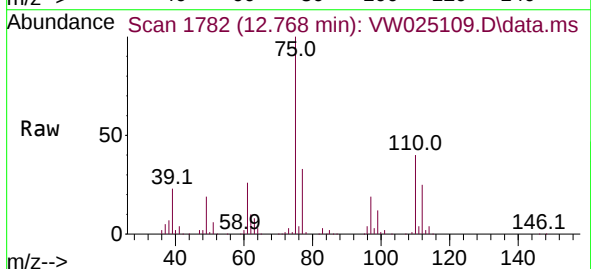
Instrument :
MSVOA_W
ClientSampleId :
VSTD050470

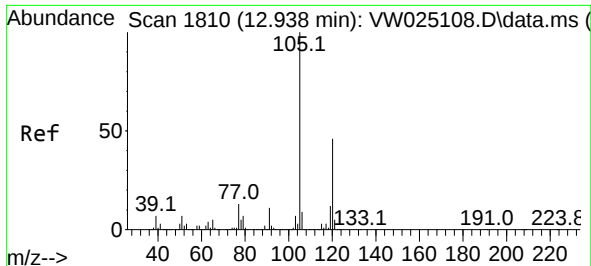
Tgt Ion:105 Resp: 1600288
Ion Ratio Lower Upper
105 100
120 25.4 20.6 31.0
77 15.4 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 49.307 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW025109.D
Acq: 21 Nov 2022 10:40

Tgt Ion: 75 Resp: 168613
Ion Ratio Lower Upper
75 100
77 32.4 26.6 40.0
110 39.2 31.7 47.5

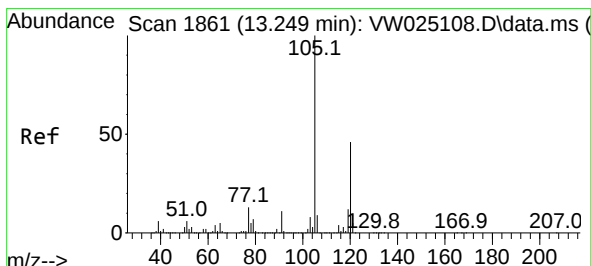
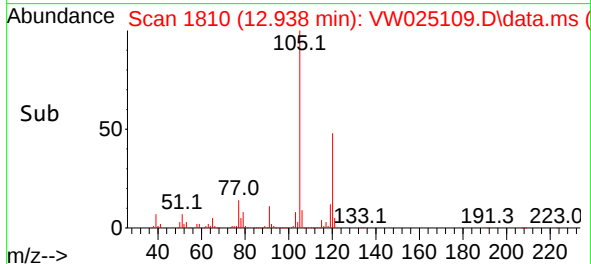
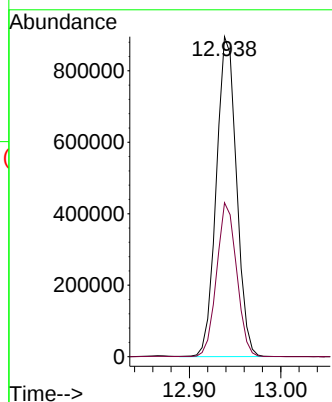
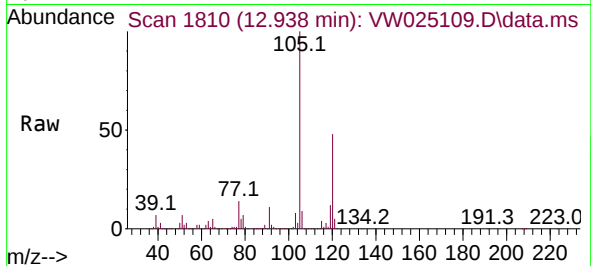




#62
1,3,5-Trimethylbenzene
Concen: 51.995 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW025109.D
Acq: 21 Nov 2022 10:40

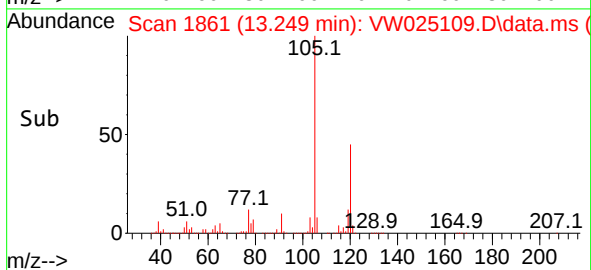
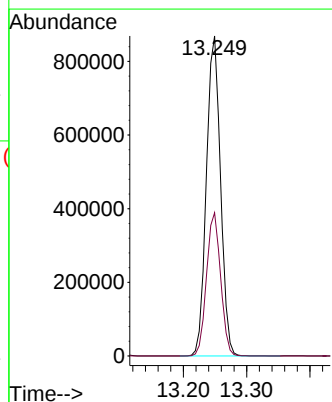
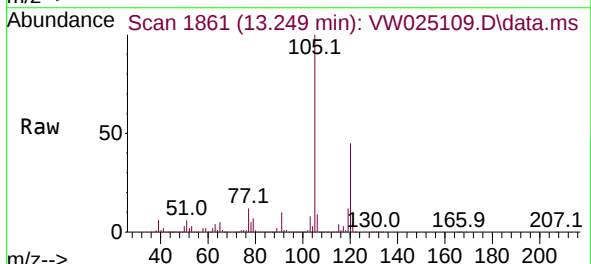
Instrument :
MSVOA_W
ClientSampleId :
VSTD050470

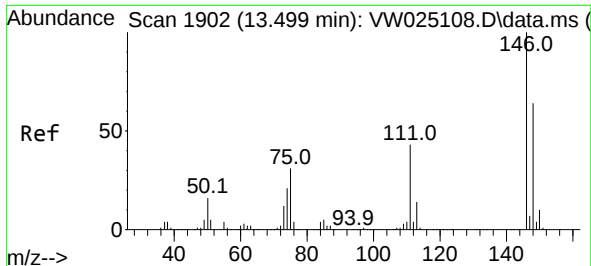
Tgt Ion:105 Resp: 1374315
Ion Ratio Lower Upper
105 100
120 47.5 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 53.013 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW025109.D
Acq: 21 Nov 2022 10:40

Tgt Ion:105 Resp: 1351212
Ion Ratio Lower Upper
105 100
120 44.5 36.1 54.1

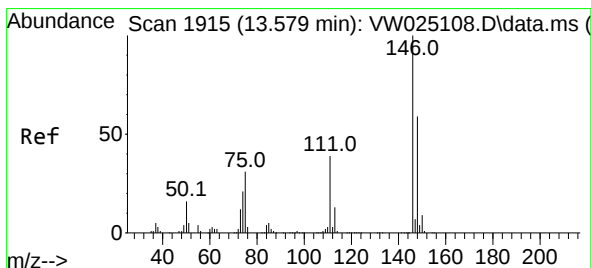
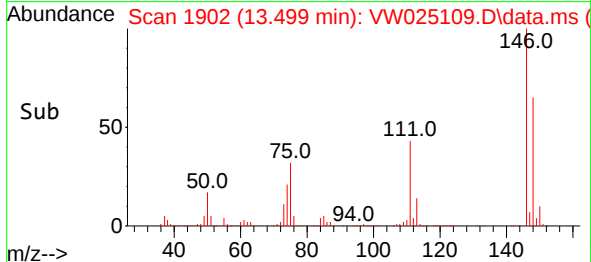
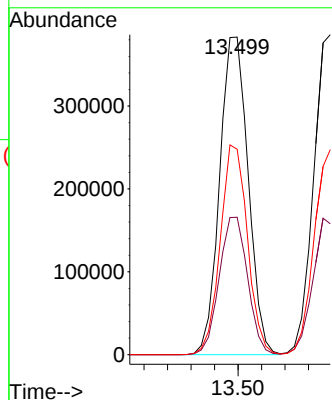
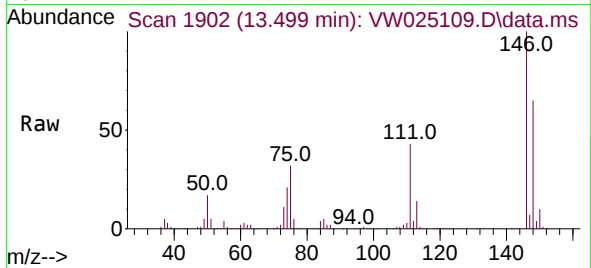




#64
1,3-Dichlorobenzene
Concen: 51.673 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW025109.D
Acq: 21 Nov 2022 10:40

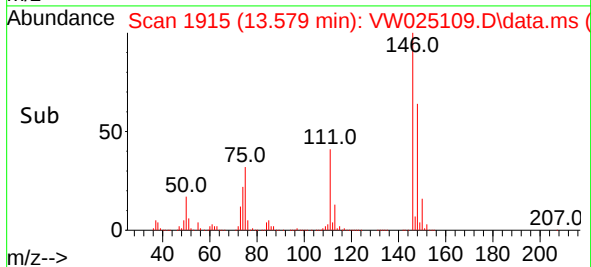
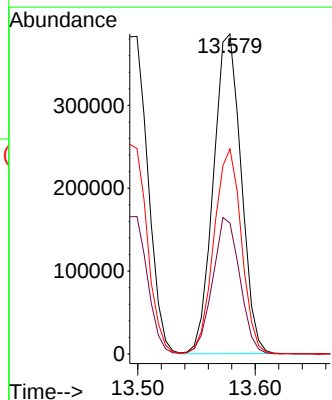
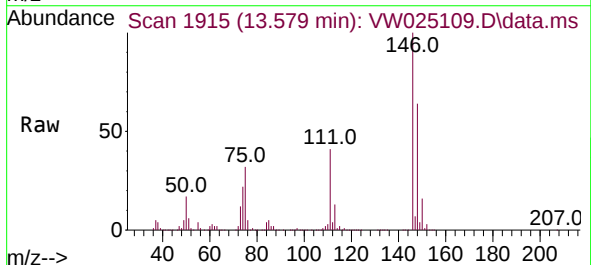
Instrument :
MSVOA_W
ClientSampleId :
VSTD050470

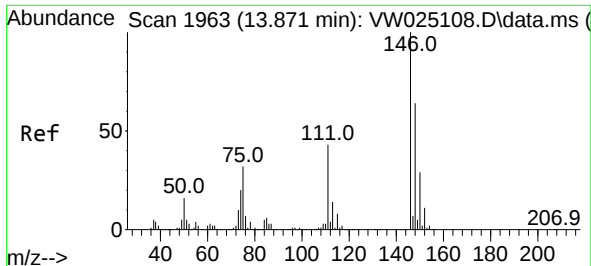
Tgt Ion:146 Resp: 646695
Ion Ratio Lower Upper
146 100
111 43.3 30.2 56.0
148 64.7 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 51.039 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW025109.D
Acq: 21 Nov 2022 10:40

Tgt Ion:146 Resp: 633085
Ion Ratio Lower Upper
146 100
111 40.9 27.4 51.0
148 64.1 41.6 77.3

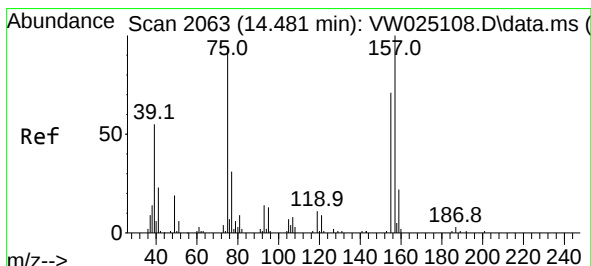
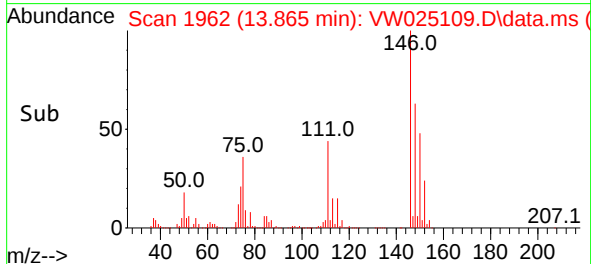
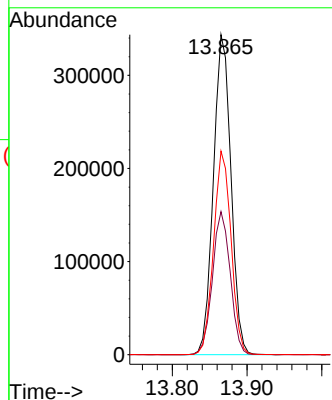
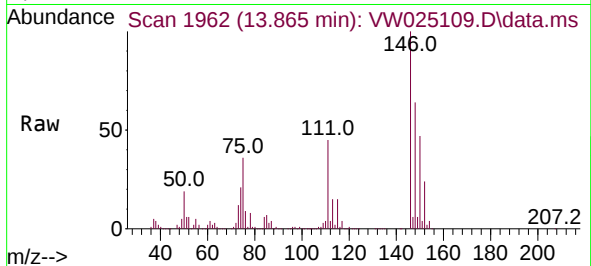




#67
1,2-Dichlorobenzene
Concen: 51.844 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW025109.D
Acq: 21 Nov 2022 10:40

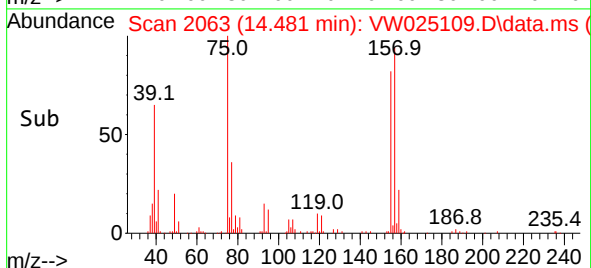
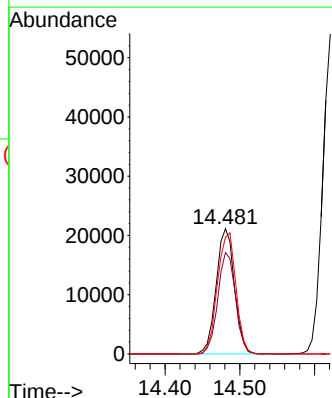
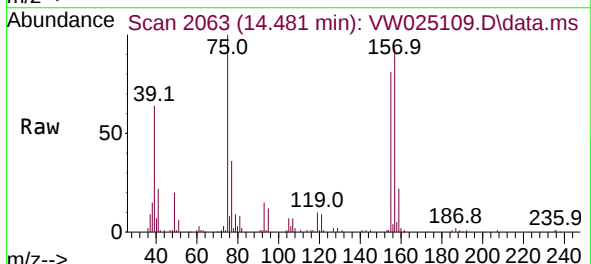
Instrument :
MSVOA_W
ClientSampleId :
VSTD050470

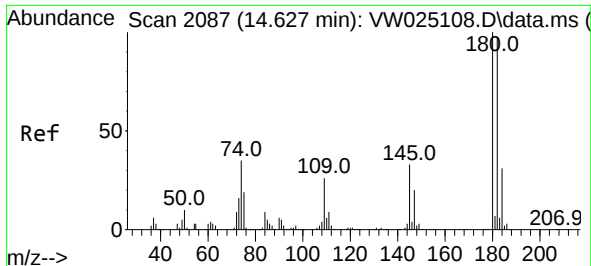
Tgt Ion:146 Resp: 561764
Ion Ratio Lower Upper
146 100
111 44.7 34.3 51.5
148 63.6 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 52.306 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW025109.D
Acq: 21 Nov 2022 10:40

Tgt Ion: 75 Resp: 35919
Ion Ratio Lower Upper
75 100
155 80.9 60.3 90.5
157 93.2 84.9 127.3

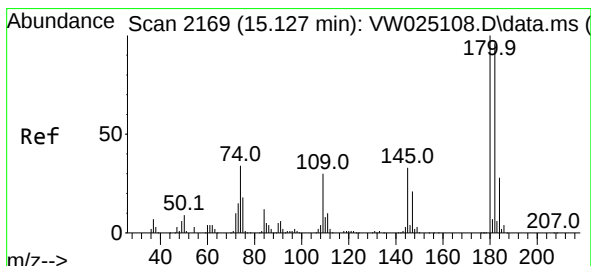
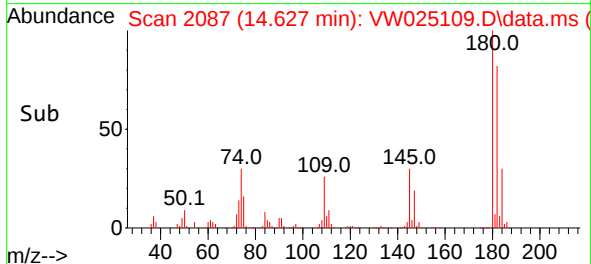
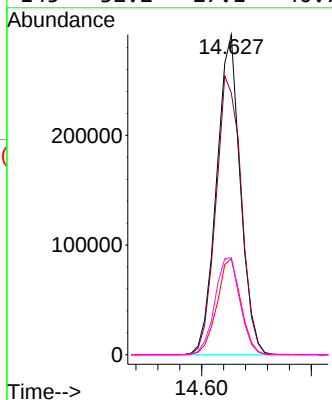
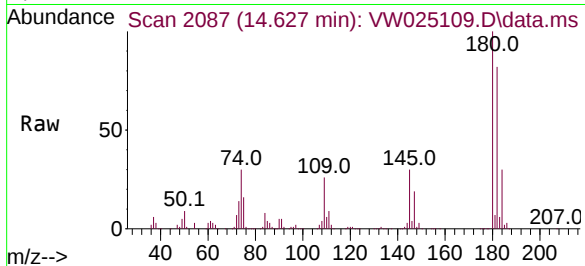




#69
1,3,5-Trichlorobenzene
Concen: 54.492 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW025109.D
Acq: 21 Nov 2022 10:40

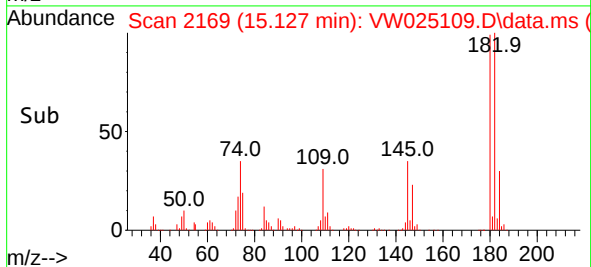
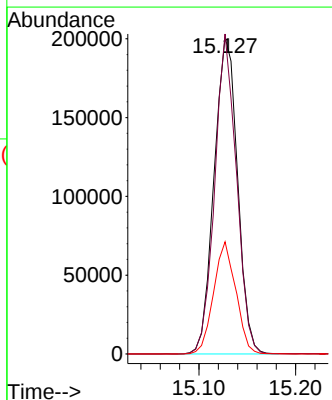
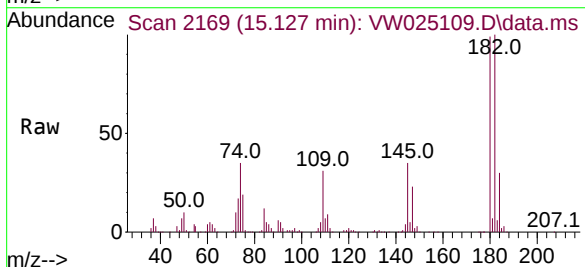
Instrument :
MSVOA_W
ClientSampleId :
VSTD050470

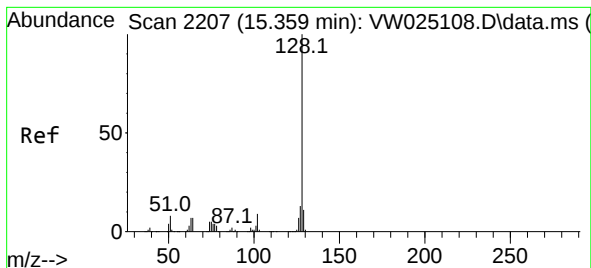
Tgt Ion:	180	Resp:	438899
Ion Ratio	Lower	Upper	
180	100		
182	93.0	77.8	116.6
184	30.1	24.3	36.5
145	32.2	27.1	40.7



#70
1,2,4-trichlorobenzene
Concen: 56.553 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW025109.D
Acq: 21 Nov 2022 10:40

Tgt Ion:	180	Resp:	337451
Ion Ratio	Lower	Upper	
180	100		
182	93.8	77.2	115.8
145	33.7	26.9	40.3





#71

Naphthalene

Concen: 59.603 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW025109.D

Acq: 21 Nov 2022 10:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD050470

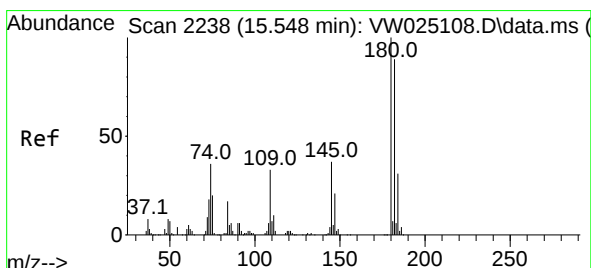
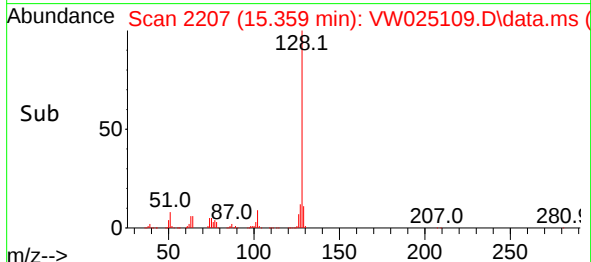
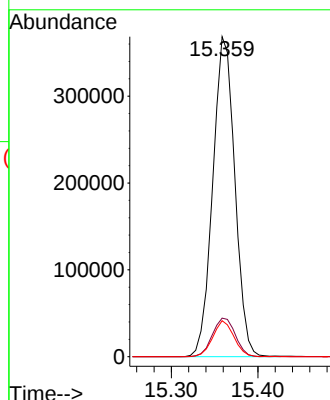
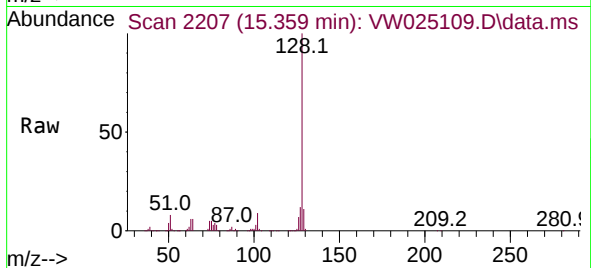
Tgt Ion:128 Resp: 652010

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 58.044 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW025109.D

Acq: 21 Nov 2022 10:40

Tgt Ion:180 Resp: 288840

Ion Ratio Lower Upper

180 100

182 93.2 76.4 114.6

145 33.7 29.6 44.4

