

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071123\
 Data File : VW031672.D
 Acq On : 11 Jul 2023 11:19
 Operator : SY/MD
 Sample : VSTD05041
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050241

Quant Time: Jul 12 07:26:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 12 07:24:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	299205	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	318515	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	196272	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	128117	60.803	ug/L	0.00
7) Chloroethane-d5	1.532	69	109031	60.073	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	59447	55.678	ug/L	0.00
21) 2-Butanone-d5	3.796	46	164825	101.834	ug/L	0.00
24) Chloroform-d	4.256	84	273648	53.764	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	162136	51.612	ug/L	0.00
32) Benzene-d6	4.966	84	483777	53.510	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	161278	50.744	ug/L	0.00
41) Toluene-d8	7.249	98	464434	55.737	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	75276	49.069	ug/L	0.00
47) 2-Hexanone-d5	8.030	63	115951	94.791	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	235297	49.320	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	177938	47.959	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	184291	56.164	ug/L	100
3) Chloromethane	1.217	50	173248	55.768	ug/L	100
5) Vinyl chloride	1.285	62	168963	55.093	ug/L	100
6) Bromomethane	1.490	94	104817	53.247	ug/L	100
8) Chloroethane	1.548	64	104015	52.893	ug/L	100
9) Trichlorofluoromethane	1.715	101	264748	52.642	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	149193	54.576	ug/L	100
12) 1,1-Dichloroethene	2.072	96	129843	56.716	ug/L	100
13) Acetone	2.121	43	162174	101.420	ug/L	100
14) Carbon disulfide	2.246	76	404683	57.919	ug/L	100
15) Methyl Acetate	2.378	43	144529	53.156	ug/L	100
16) Methylene chloride	2.452	84	145227	51.289	ug/L	100
17) trans-1,2-Dichloroethene	2.699	96	126572	53.789	ug/L	100
18) Methyl tert-butyl Ether	2.709	73	383090	49.787	ug/L	100
19) 1,1-Dichloroethane	3.117	63	255774	50.775	ug/L	100
20) cis-1,2-Dichloroethene	3.821	96	131840	52.374	ug/L	100
22) 2-Butanone	3.876	43	211219	104.351	ug/L	100
23) Bromochloromethane	4.153	128	75708	54.803	ug/L	100
25) Chloroform	4.284	83	272505	51.995	ug/L	100
27) 1,2-Dichloroethane	5.047	62	204994	51.034	ug/L	100
29) Cyclohexane	4.593	56	206868	50.111	ug/L	100
30) 1,1,1-Trichloroethane	4.519	97	246024	48.382	ug/L	100
31) Carbon tetrachloride	4.741	117	223430	49.611	ug/L	100
33) Benzene	5.018	78	547275	51.601	ug/L	100
34) Trichloroethene	5.837	95	150093	52.303	ug/L	100
35) Methylcyclohexane	6.059	83	209260	50.417	ug/L	100
37) 1,2-Dichloropropane	6.098	63	153342	49.533	ug/L	100
38) Bromodichloromethane	6.439	83	211207	50.149	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	225620	49.326	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	383381	105.598	ug/L	100
42) Toluene	7.320	91	597261	54.159	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	228966	51.251	ug/L	100

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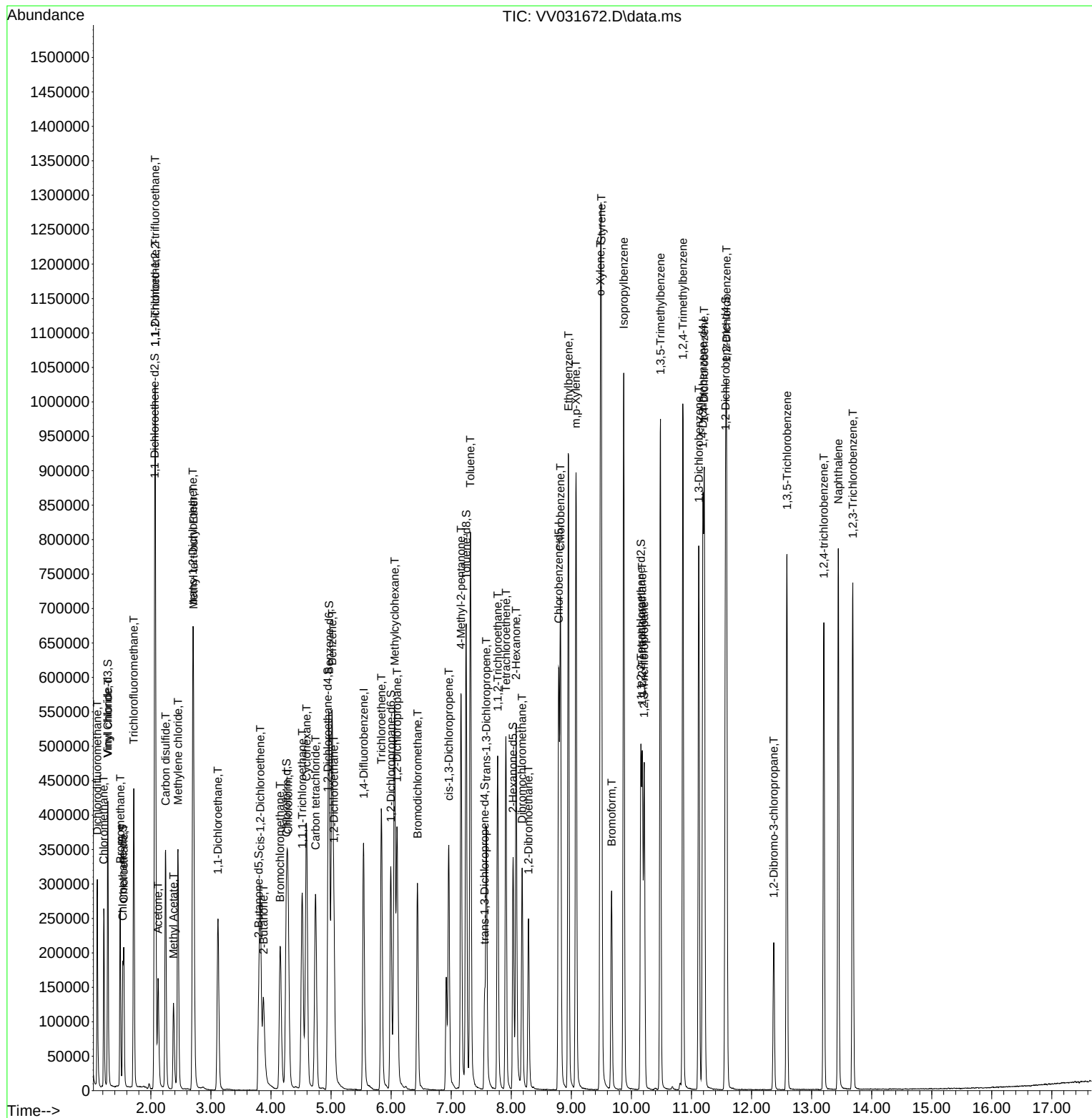
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.773	97	152518	51.674	ug/L	100
46) Tetrachloroethene	7.911	164	115556	51.601	ug/L	100
48) 2-Hexanone	8.082	43	322447	109.572	ug/L	100
49) Dibromochloromethane	8.181	129	168301	51.178	ug/L	100
50) 1,2-Dibromoethane	8.288	107	165683	52.553	ug/L	100
51) Chlorobenzene	8.818	112	367655	50.443	ug/L	100
52) Ethylbenzene	8.953	91	625332	51.296	ug/L	100
53) m,p-Xylene	9.079	106	243130	53.979	ug/L	100
54) o-Xylene	9.484	106	218636	51.600	ug/L	100
55) Styrene	9.500	104	430176	56.117	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	234084	49.233	ug/L	100
59) Bromoform	9.670	173	130893	53.339	ug/L	100
60) Isopropylbenzene	9.873	105	613797	49.665	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	196198	50.406	ug/L	100
62) 1,3,5-Trimethylbenzene	10.484	105	496791	48.853	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	508740	52.766	ug/L	100
64) 1,3-Dichlorobenzene	11.123	146	314238	50.120	ug/L	100
65) 1,4-Dichlorobenzene	11.213	146	332195	49.595	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	318433	50.183	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.371	75	59364	50.871	ug/L	100
69) 1,3,5-Trichlorobenzene	12.590	180	230345	48.234	ug/L	100
70) 1,2,4-trichlorobenzene	13.204	180	198441	47.603	ug/L	100
71) Naphthalene	13.445	128	570564	53.225	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	215613	49.802	ug/L	100

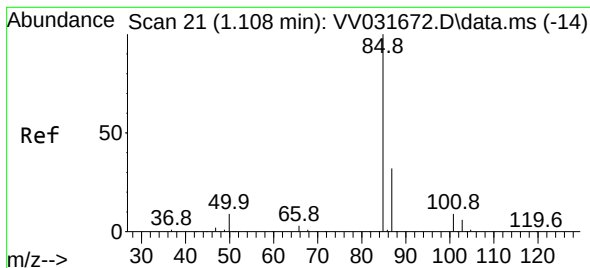
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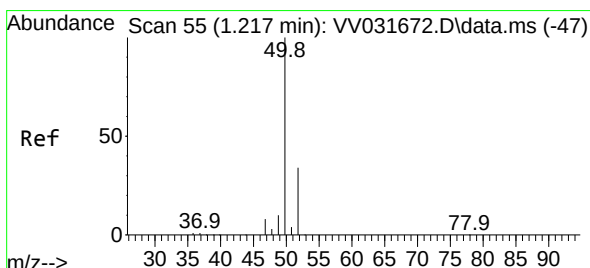
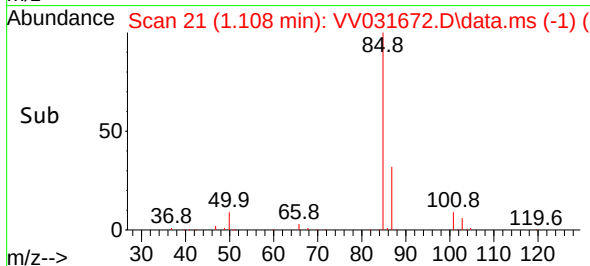
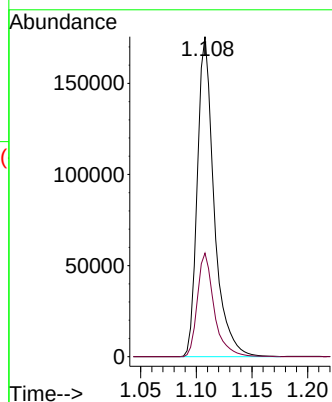
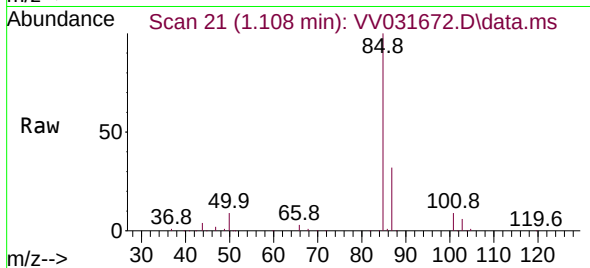




#2
 Dichlorodifluoromethane
 Concen: 56.164 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV031672.D
 Acq: 11 Jul 2023 11:19

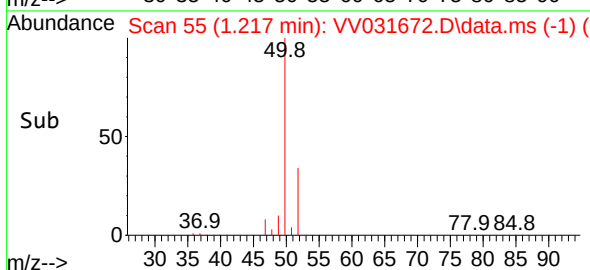
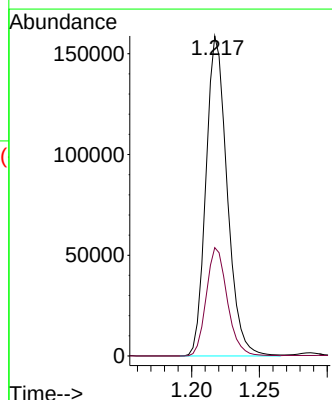
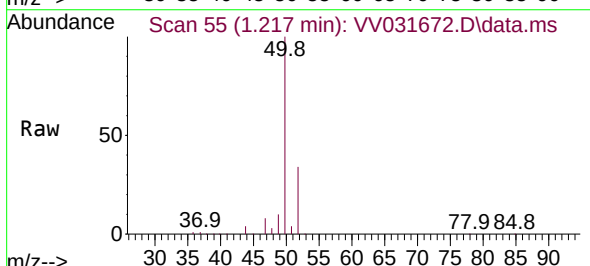
Instrument :
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 ClientSampleId :
 VSTD050241

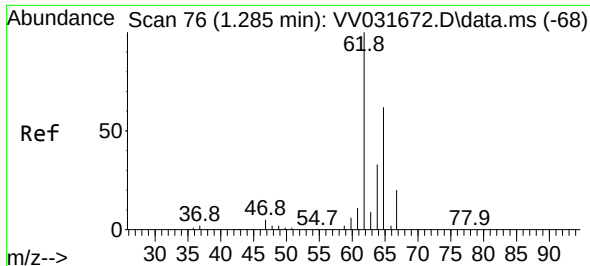
Tgt Ion: 85 Resp: 184291
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.8 38.6



#3
 Chloromethane
 Concen: 55.768 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV031672.D
 Acq: 11 Jul 2023 11:19

Tgt Ion: 50 Resp: 173248
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.7 44.1

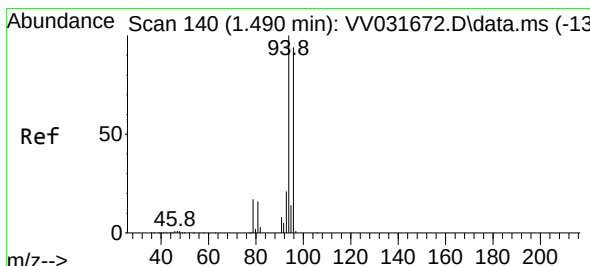
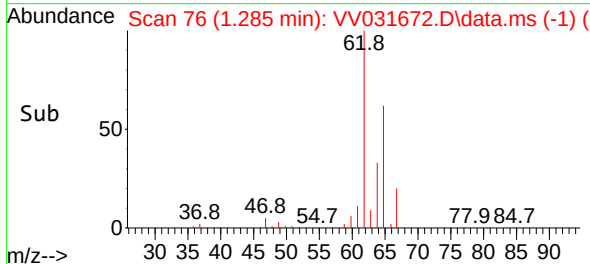
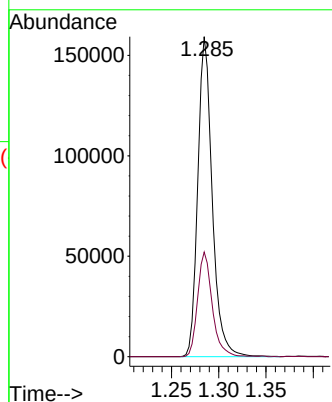
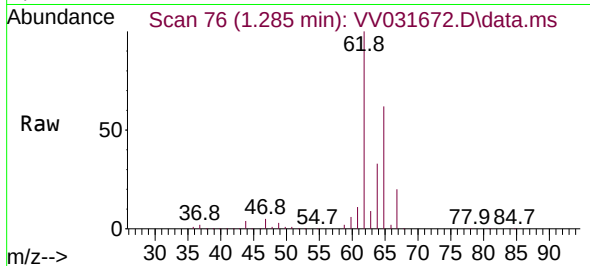




#5
 Vinyl chloride
 Concen: 55.093 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV031672.D
 Acq: 11 Jul 2023 11:19

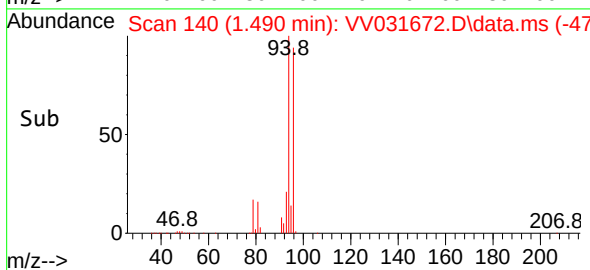
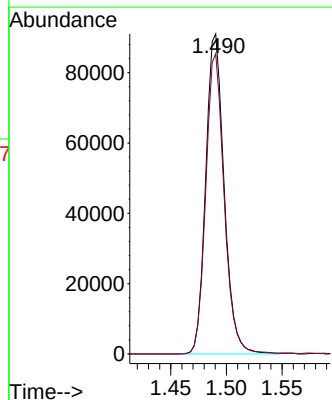
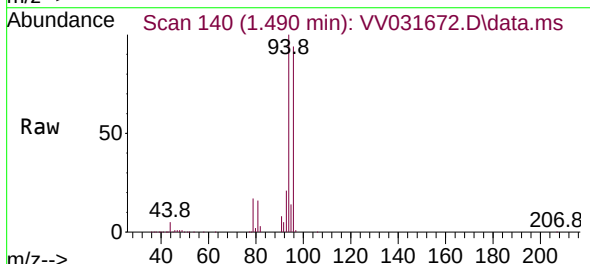
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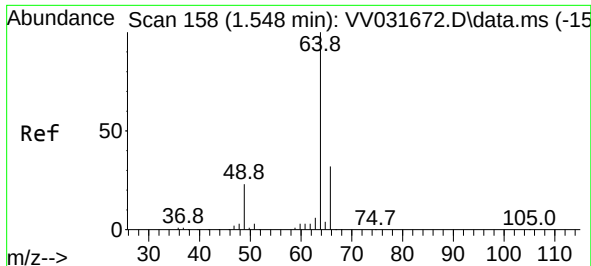
Tgt Ion: 62 Resp: 168963
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.9 42.5



#6
 Bromomethane
 Concen: 53.247 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV031672.D
 Acq: 11 Jul 2023 11:19

Tgt Ion: 94 Resp: 104817
 Ion Ratio Lower Upper
 94 100
 96 93.8 65.7 121.9

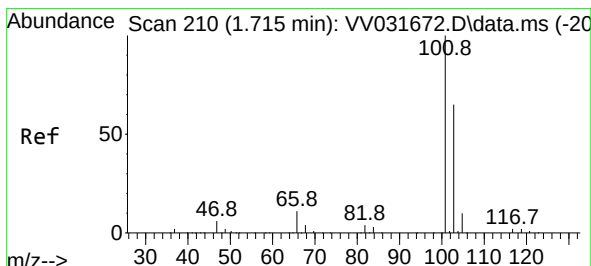
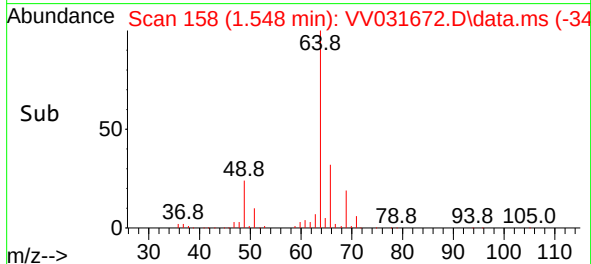
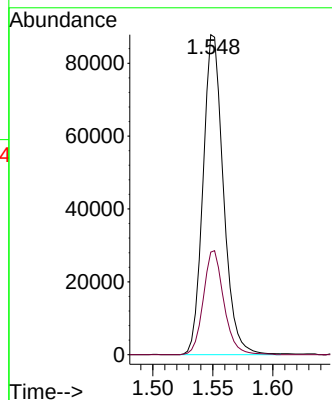
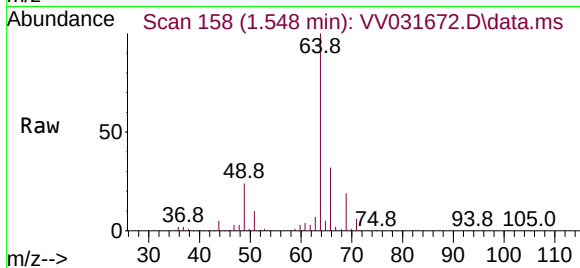




#8
Chloroethane
Concen: 52.893 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV031672.D
Acq: 11 Jul 2023 11:19

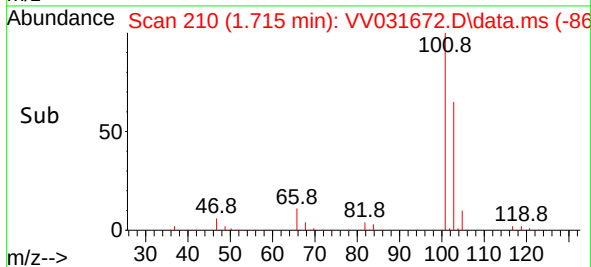
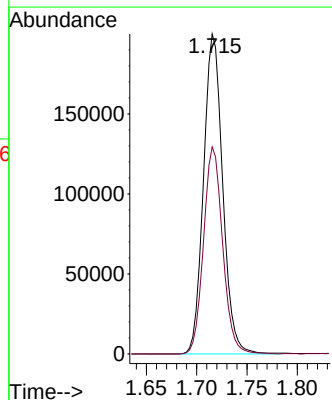
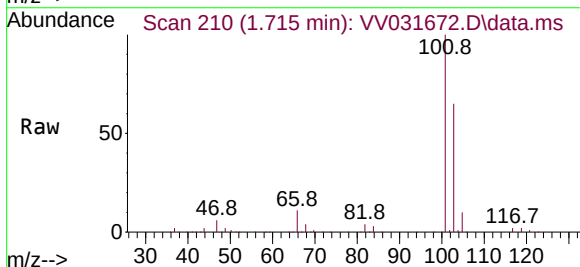
Instrument :
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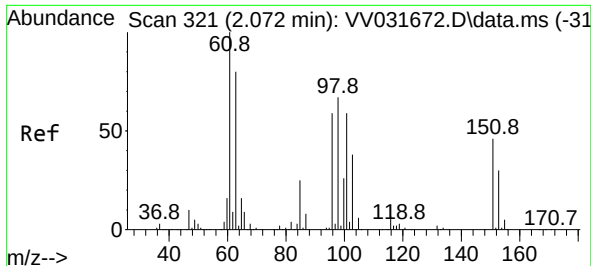
Tgt Ion: 64 Resp: 104015
Ion Ratio Lower Upper
64 100
66 32.0 22.4 41.6



#9
Trichlorofluoromethane
Concen: 52.642 ug/L
RT: 1.715 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV031672.D
Acq: 11 Jul 2023 11:19

Tgt Ion: 101 Resp: 264748
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5

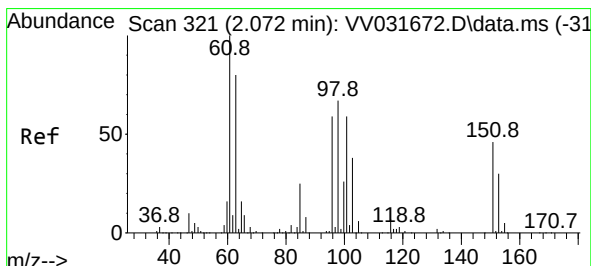
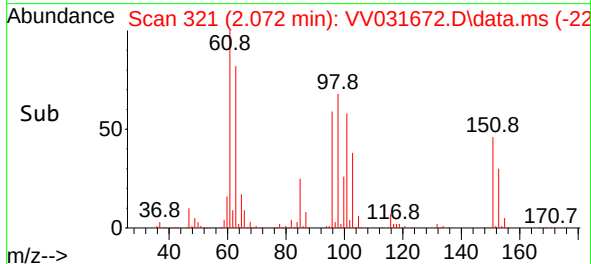
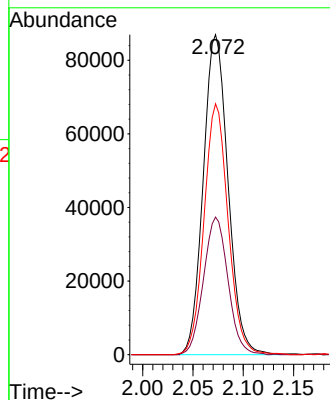
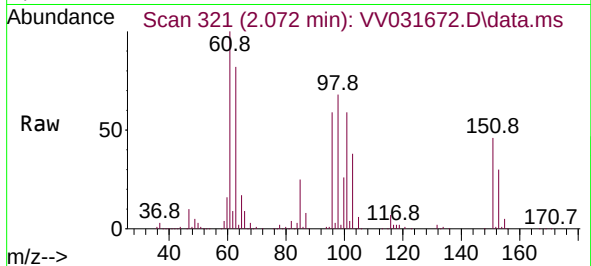




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 54.576 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV031672.D
 Acq: 11 Jul 2023 11:19

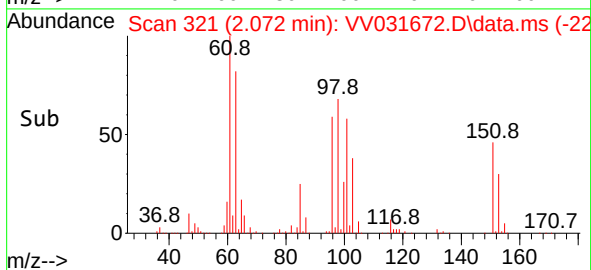
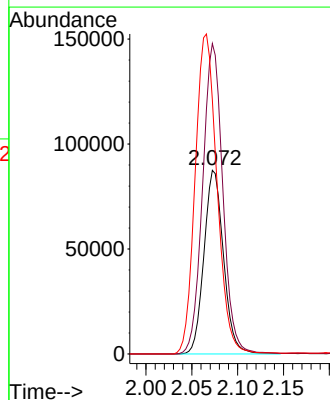
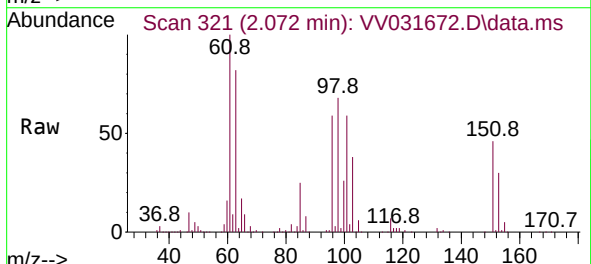
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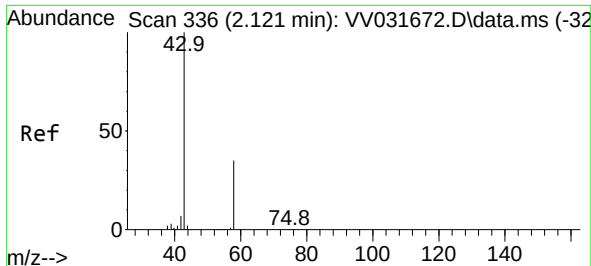
Tgt Ion:101 Resp: 149193
 Ion Ratio Lower Upper
 101 100
 85 42.4 33.9 50.9
 151 76.3 61.0 91.6



#12
 1,1-Dichloroethene
 Concen: 56.716 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV031672.D
 Acq: 11 Jul 2023 11:19

Tgt Ion: 96 Resp: 129843
 Ion Ratio Lower Upper
 96 100
 61 169.0 118.3 219.7
 63 138.3 96.8 179.8





#13

Acetone

Concen: 101.420 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.000 min

Lab File: VV031672.D

Acq: 11 Jul 2023 11:19

Instrument :

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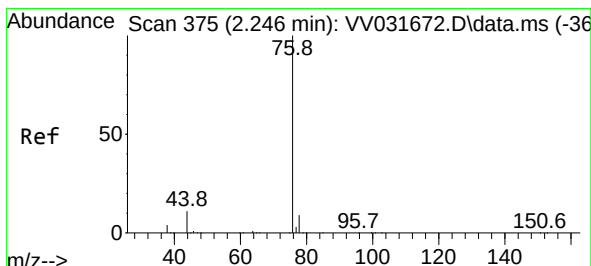
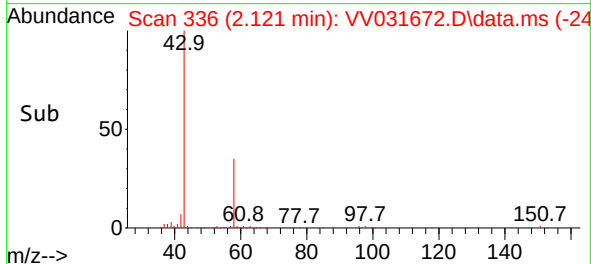
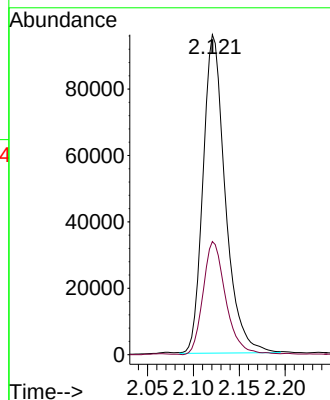
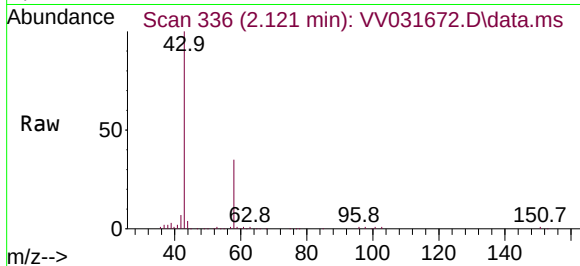
VSTD050241

Tgt Ion: 43 Resp: 162174

Ion Ratio Lower Upper

43 100

58 36.0 0.0 72.0



#14

Carbon disulfide

Concen: 57.919 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.000 min

Lab File: VV031672.D

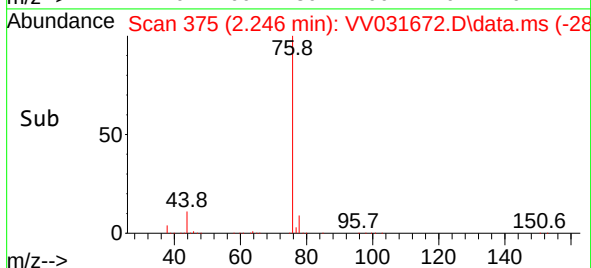
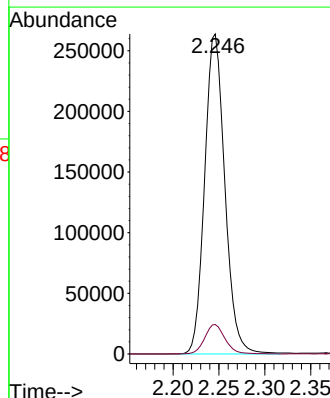
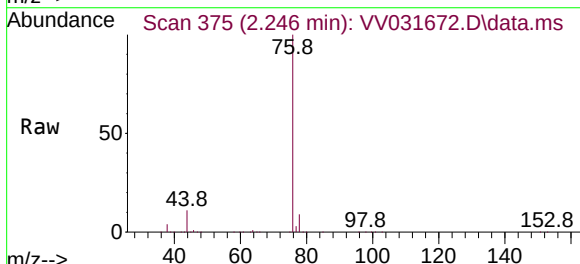
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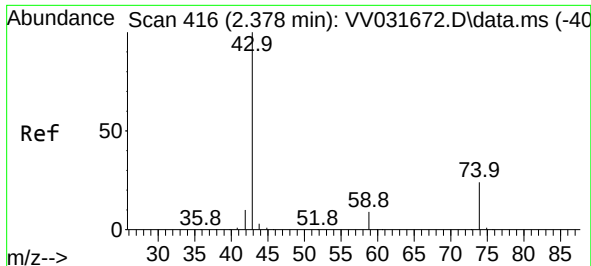
Tgt Ion: 76 Resp: 404683

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

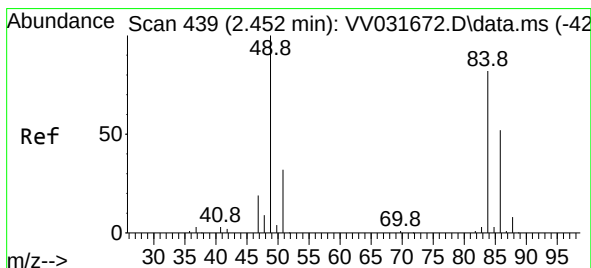
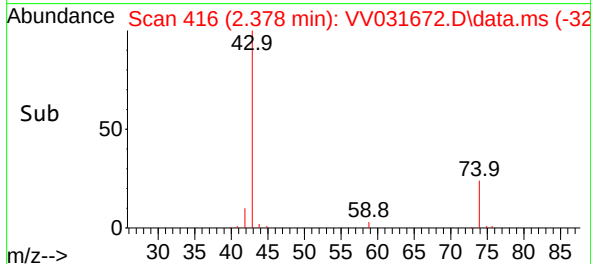
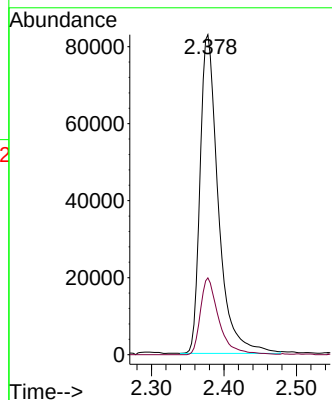
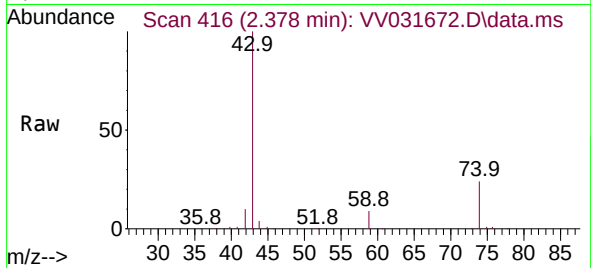




#15
Methyl Acetate
Concen: 53.156 ug/L
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV031672.D
Acq: 11 Jul 2023 11:19

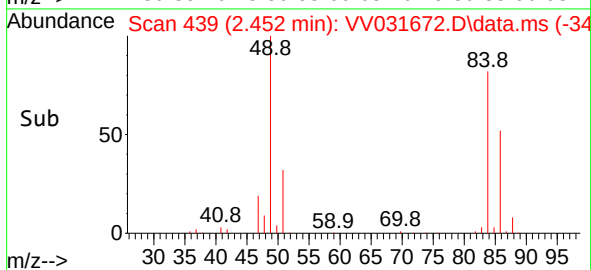
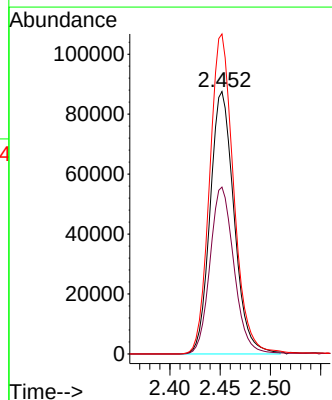
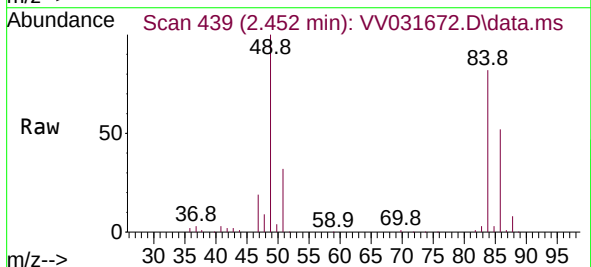
Instrument :
MSVOA_V
ClientSampleId :
VSTD050241

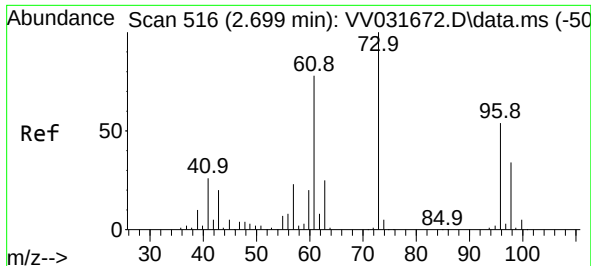
Tgt Ion: 43 Resp: 144529
Ion Ratio Lower Upper
43 100
74 24.4 19.5 29.3



#16
Methylene chloride
Concen: 51.289 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.000 min
Lab File: VV031672.D
Acq: 11 Jul 2023 11:19

Tgt Ion: 84 Resp: 145227
Ion Ratio Lower Upper
84 100
86 63.6 44.5 82.7
49 121.9 85.3 158.5





#17

trans-1,2-Dichloroethene

Concen: 53.789 ug/L

RT: 2.699 min Scan# 516

Delta R.T. 0.000 min

Lab File: VV031672.D

Acq: 11 Jul 2023 11:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD050241

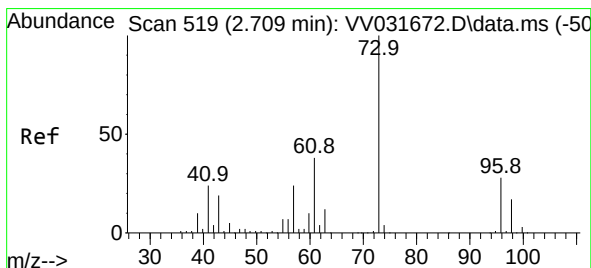
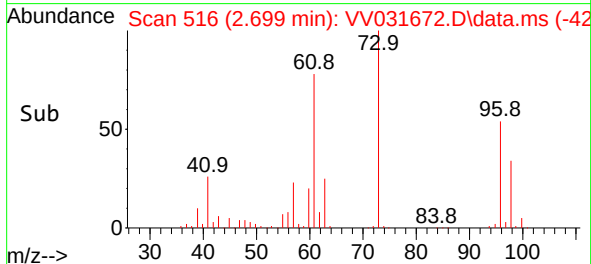
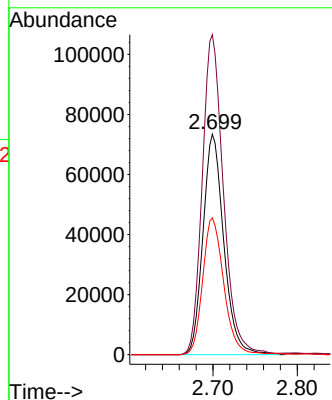
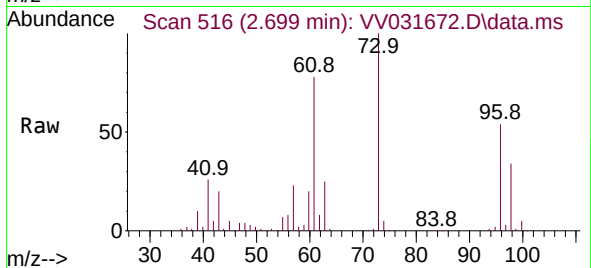
Tgt Ion: 96 Resp: 126572

Ion Ratio Lower Upper

96 100

61 145.1 101.6 188.6

98 63.8 44.7 82.9



#18

Methyl tert-butyl Ether

Concen: 49.787 ug/L

RT: 2.709 min Scan# 519

Delta R.T. 0.000 min

Lab File: VV031672.D

Acq: 11 Jul 2023 11:19

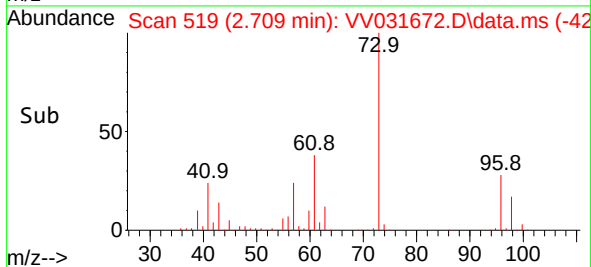
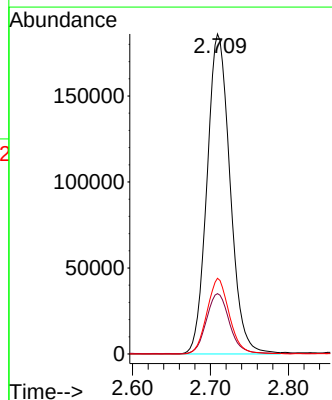
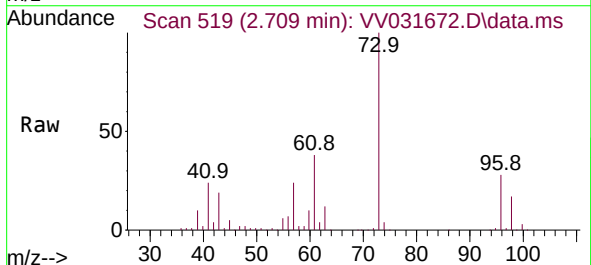
Tgt Ion: 73 Resp: 383090

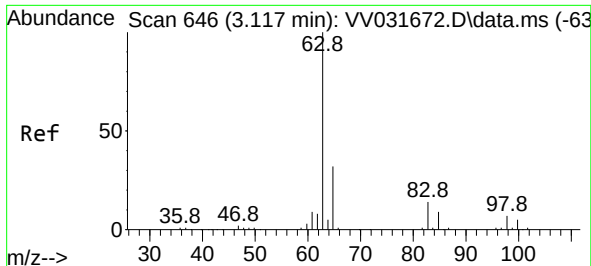
Ion Ratio Lower Upper

73 100

43 18.7 15.0 22.4

57 22.9 18.3 27.5





#19

1,1-Dichloroethane

Concen: 50.775 ug/L

RT: 3.117 min Scan# 646

Delta R.T. 0.000 min

Lab File: VV031672.D

Acq: 11 Jul 2023 11:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD050241

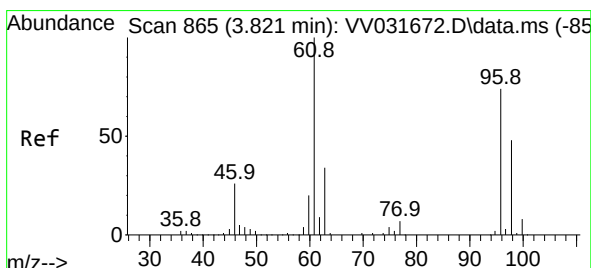
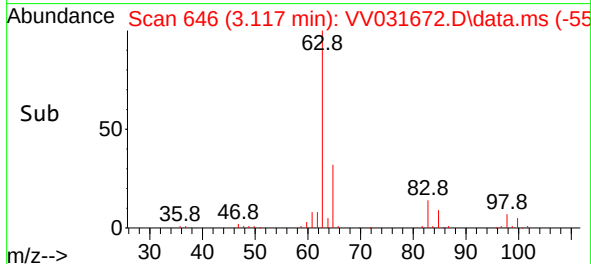
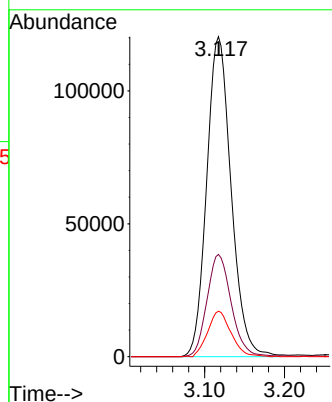
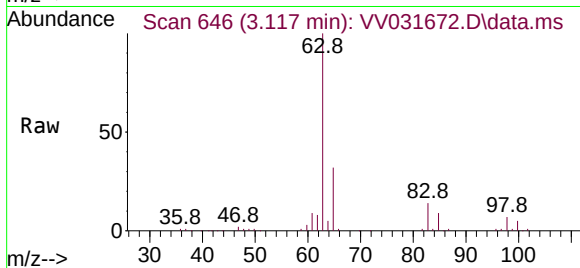
Tgt Ion: 63 Resp: 255774

Ion Ratio Lower Upper

63 100

65 31.9 22.3 41.5

83 15.1 10.6 19.6



#20

cis-1,2-Dichloroethene

Concen: 52.374 ug/L

RT: 3.821 min Scan# 865

Delta R.T. 0.000 min

Lab File: VV031672.D

Acq: 11 Jul 2023 11:19

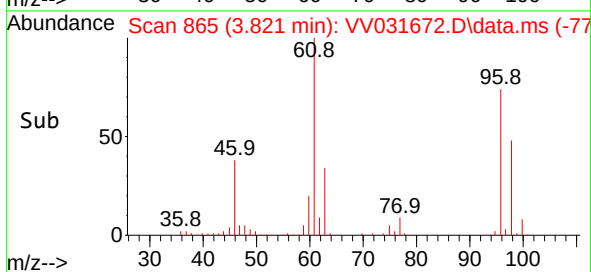
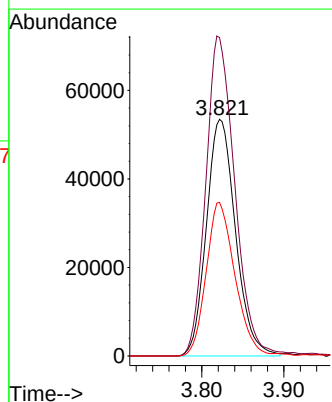
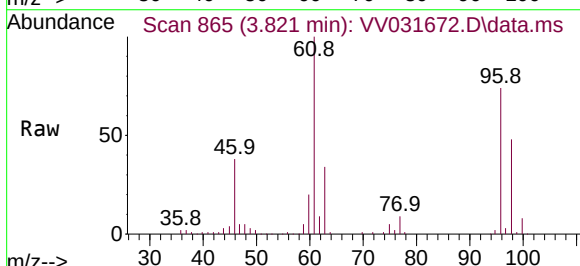
Tgt Ion: 96 Resp: 131840

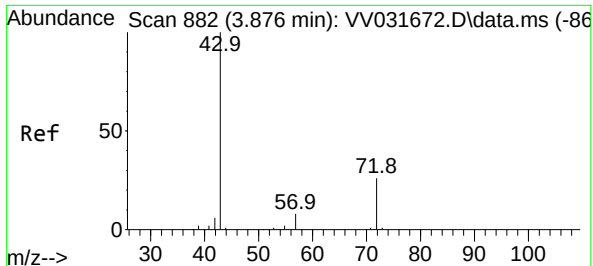
Ion Ratio Lower Upper

96 100

61 129.4 90.6 168.2

98 62.5 43.8 81.3

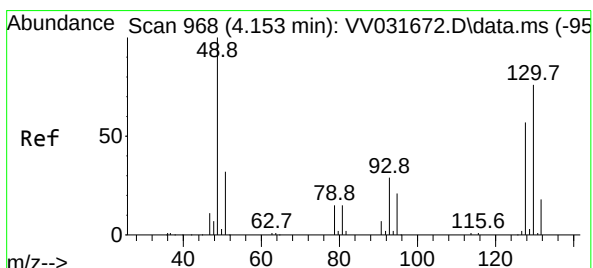
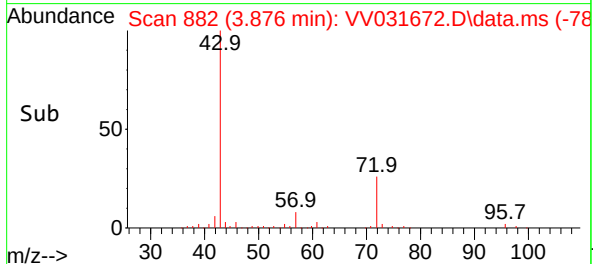
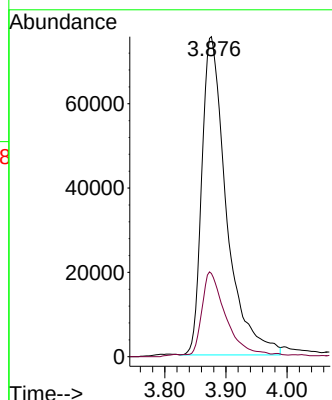
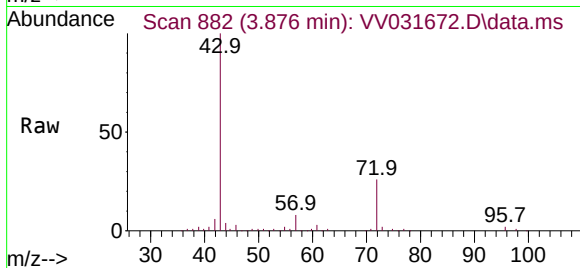




#22
2-Butanone
Concen: 104.351 ug/L
RT: 3.876 min Scan# 882
Delta R.T. 0.000 min
Lab File: VV031672.D
Acq: 11 Jul 2023 11:19

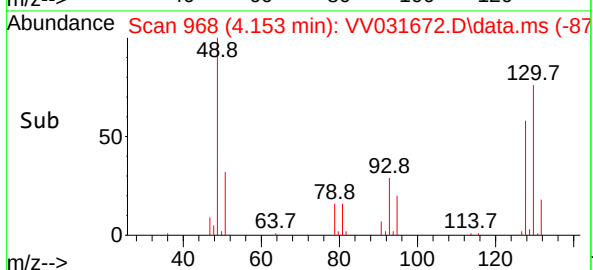
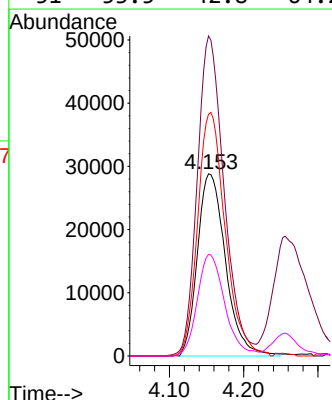
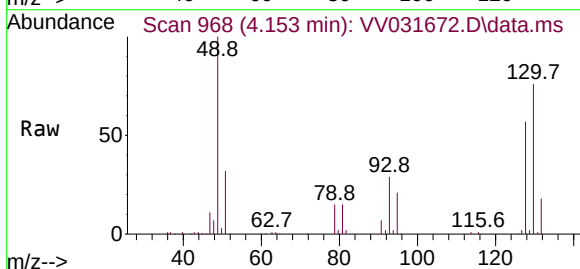
Instrument :
MSVOA_V
ClientSampleId :
VSTD050241

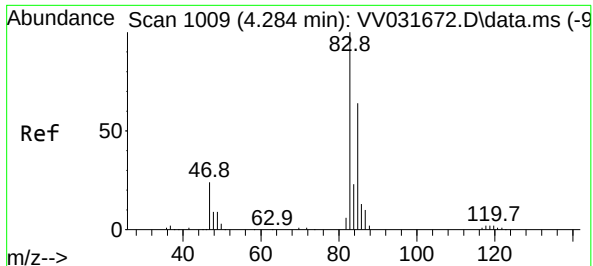
Tgt Ion: 43 Resp: 211219
Ion Ratio Lower Upper
43 100
72 25.3 12.7 38.0



#23
Bromochloromethane
Concen: 54.803 ug/L
RT: 4.153 min Scan# 968
Delta R.T. 0.000 min
Lab File: VV031672.D
Acq: 11 Jul 2023 11:19

Tgt Ion:128 Resp: 75708
Ion Ratio Lower Upper
128 100
49 168.4 117.9 218.9
130 127.3 89.1 165.5
51 53.5 42.8 64.2





#25

Chloroform

Concen: 51.995 ug/L

RT: 4.284 min Scan# 1009

Delta R.T. 0.000 min

Lab File: VV031672.D

Acq: 11 Jul 2023 11:19

Instrument :

MSVOA_V

ClientSampleId :

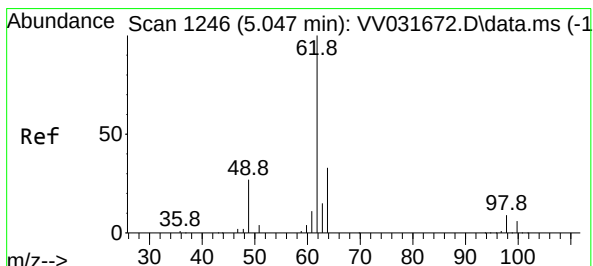
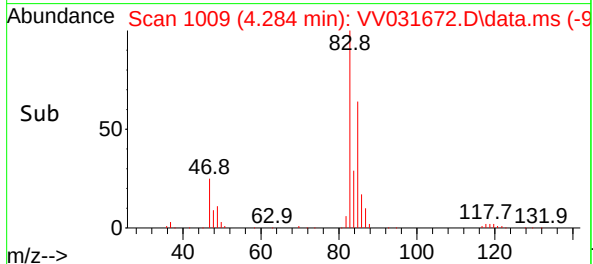
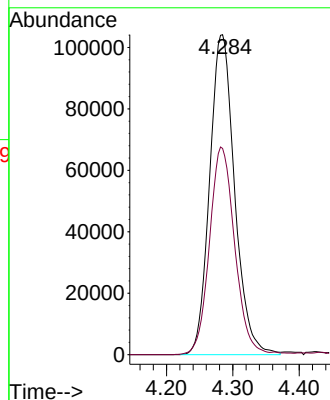
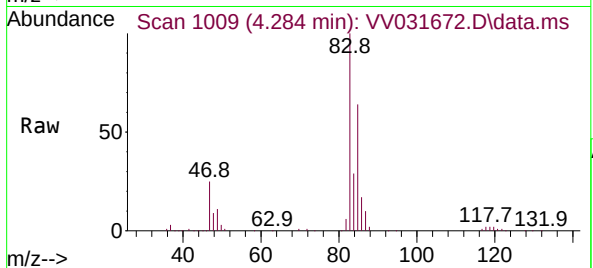
VSTD050241

Tgt Ion: 83 Resp: 272505

Ion Ratio Lower Upper

83 100

85 64.5 45.1 83.9



#27

1,2-Dichloroethane

Concen: 51.034 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.000 min

Lab File: VV031672.D

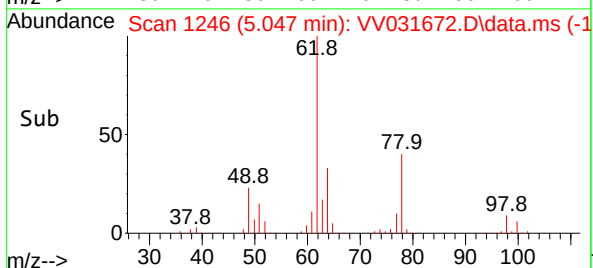
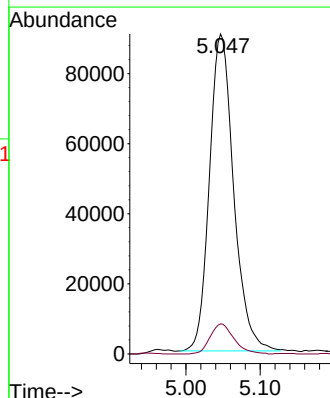
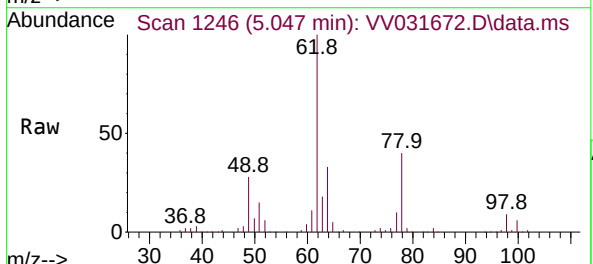
Acq: 11 Jul 2023 11:19

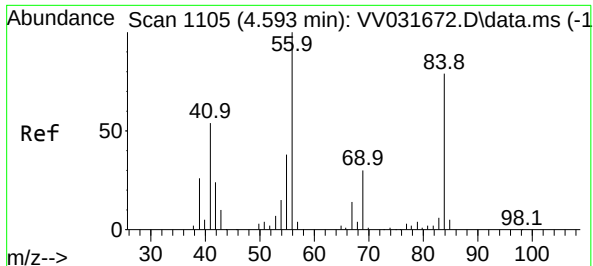
Tgt Ion: 62 Resp: 204994

Ion Ratio Lower Upper

62 100

98 9.4 7.5 11.3





#29

Cyclohexane

Concen: 50.111 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VV031672.D

Acq: 11 Jul 2023 11:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD050241

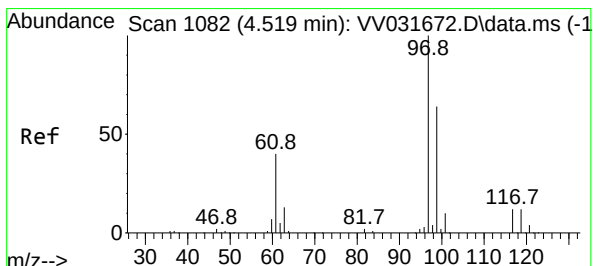
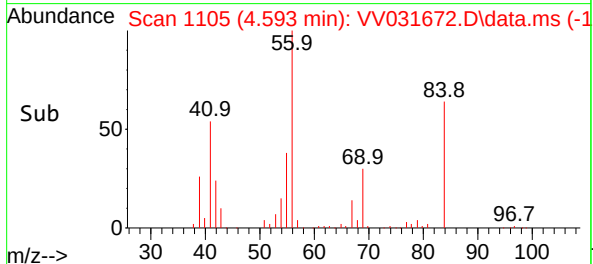
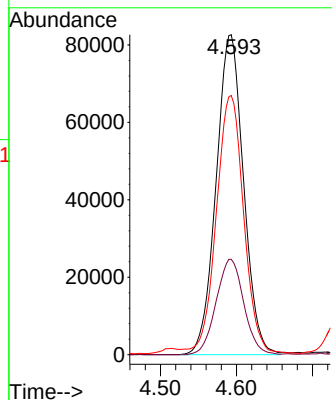
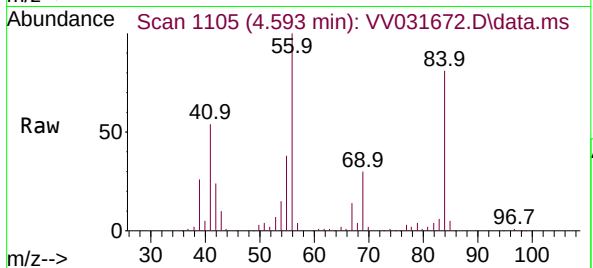
Tgt Ion: 56 Resp: 206868

Ion Ratio Lower Upper

56 100

69 30.1 24.1 36.1

84 79.5 63.6 95.4



#30

1,1,1-Trichloroethane

Concen: 48.382 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. 0.000 min

Lab File: VV031672.D

Acq: 11 Jul 2023 11:19

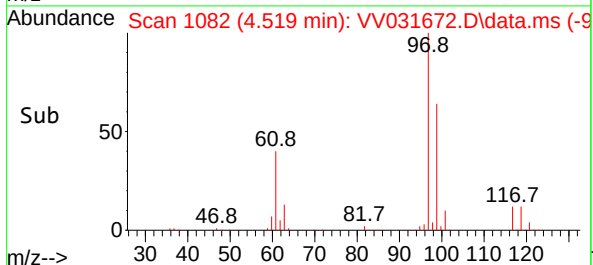
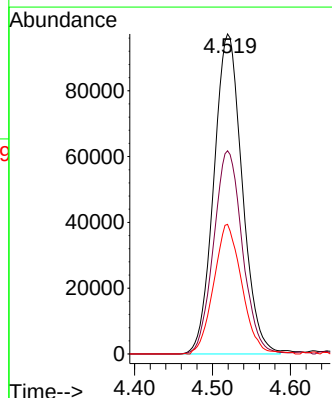
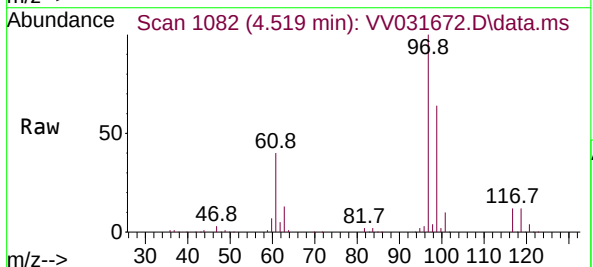
Tgt Ion: 97 Resp: 246024

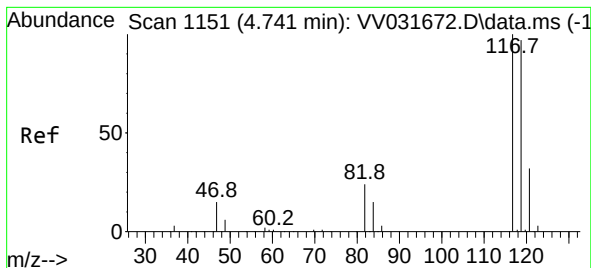
Ion Ratio Lower Upper

97 100

99 64.4 51.5 77.3

61 40.2 32.2 48.2





#31

Carbon tetrachloride

Concen: 49.611 ug/L

RT: 4.741 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VV031672.D

Acq: 11 Jul 2023 11:19

Instrument :

MSVOA_V

ClientSampleId :

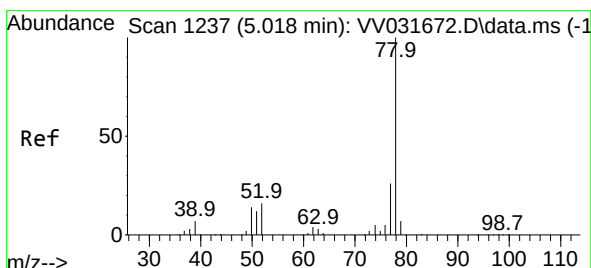
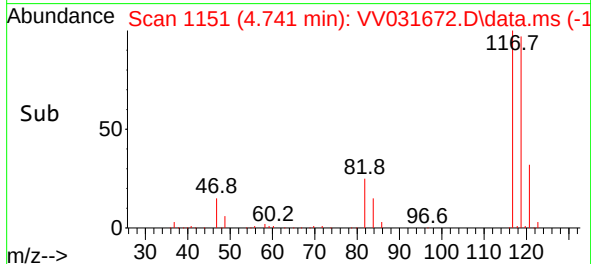
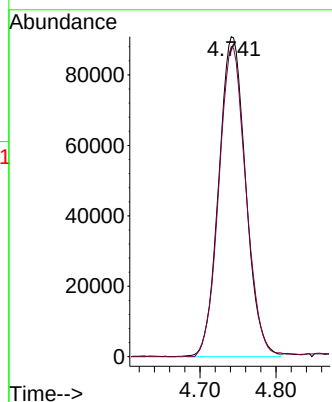
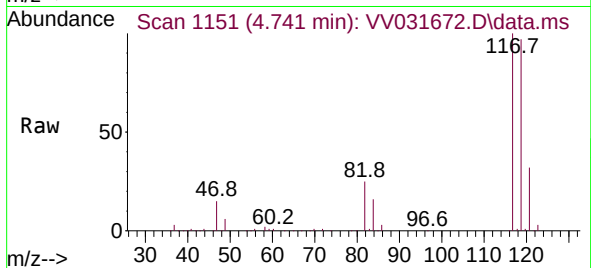
VSTD050241

Tgt Ion:117 Resp: 223430

Ion Ratio Lower Upper

117 100

119 97.5 78.0 117.0



#33

Benzene

Concen: 51.601 ug/L

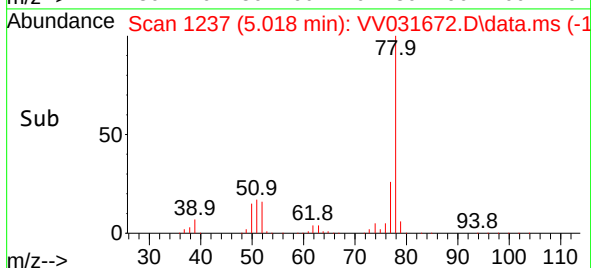
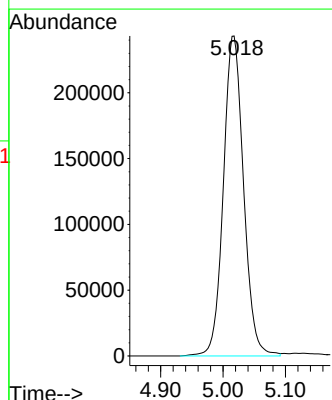
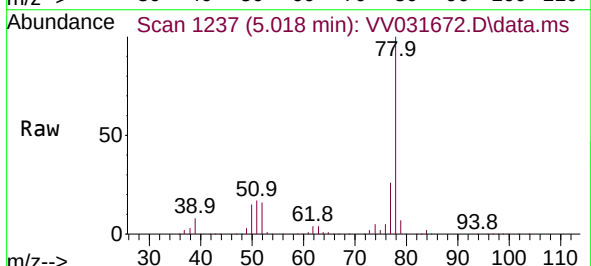
RT: 5.018 min Scan# 1237

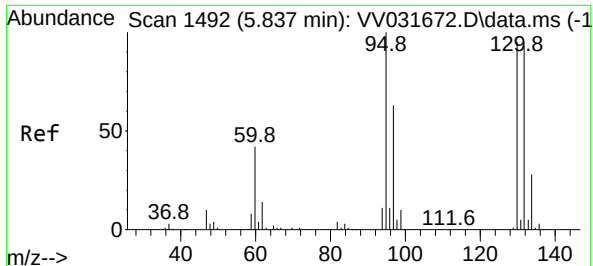
Delta R.T. 0.000 min

Lab File: VV031672.D

Acq: 11 Jul 2023 11:19

Tgt Ion: 78 Resp: 547275



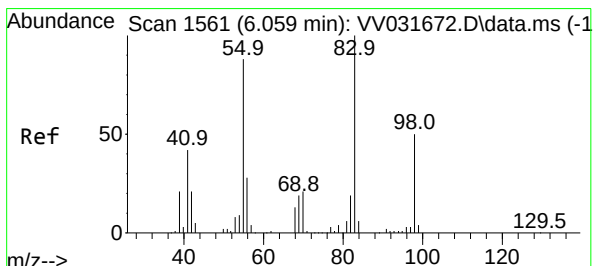
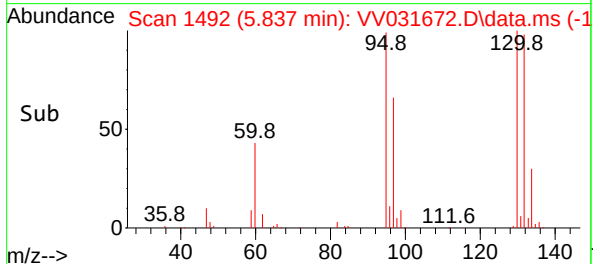
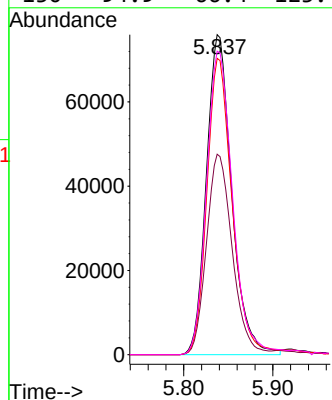
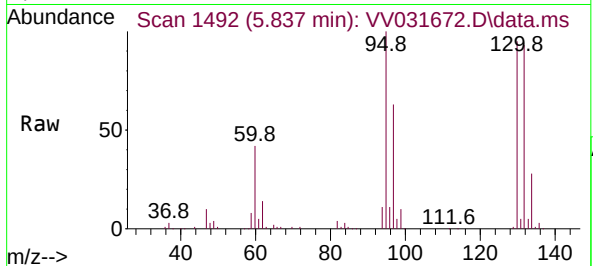


#34
 Trichloroethene
 Concen: 52.303 ug/L
 RT: 5.837 min Scan# 1492
 Delta R.T. 0.000 min
 Lab File: VV031672.D
 Acq: 11 Jul 2023 11:19

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050241

Tgt Ion: 95 Resp: 150093

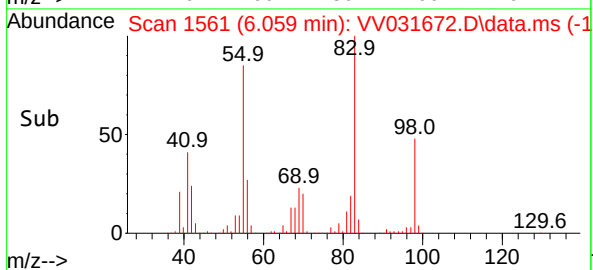
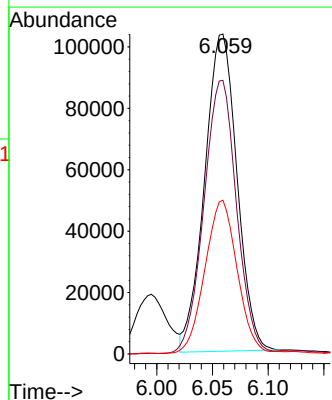
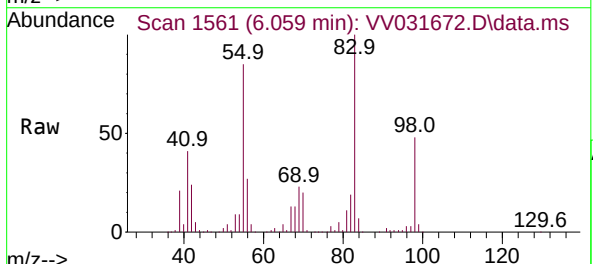
Ion	Ratio	Lower	Upper
95	100		
97	67.1	47.0	87.2
132	92.6	64.8	120.4
130	94.9	66.4	123.4

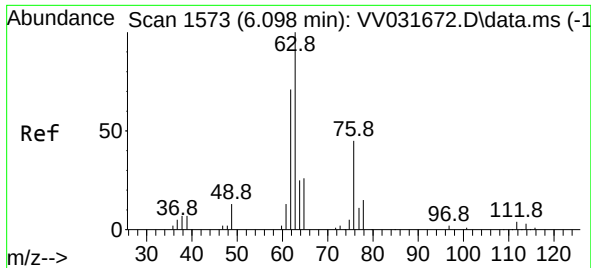


#35
 Methylcyclohexane
 Concen: 50.417 ug/L
 RT: 6.059 min Scan# 1561
 Delta R.T. 0.000 min
 Lab File: VV031672.D
 Acq: 11 Jul 2023 11:19

Tgt Ion: 83 Resp: 209260

Ion	Ratio	Lower	Upper
83	100		
55	86.8	69.4	104.2
98	47.7	38.2	57.2

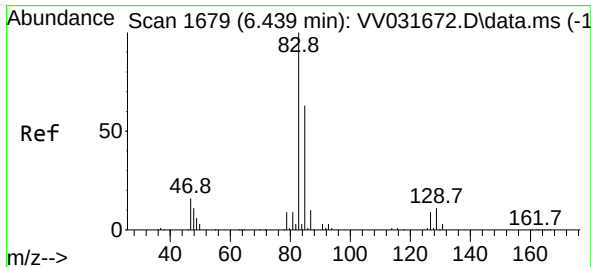
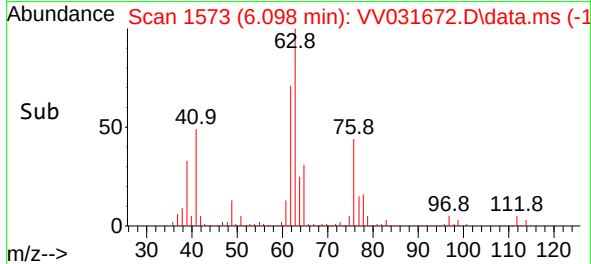
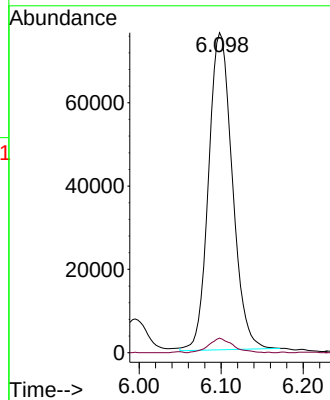
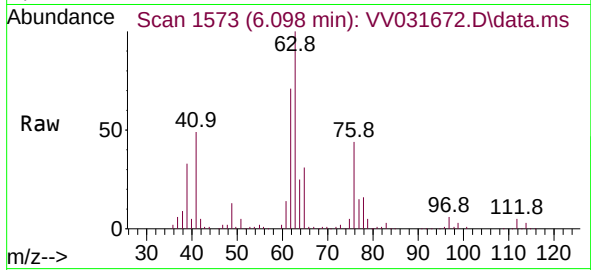




#37
1,2-Dichloropropane
Concen: 49.533 ug/L
RT: 6.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV031672.D
Acq: 11 Jul 2023 11:19

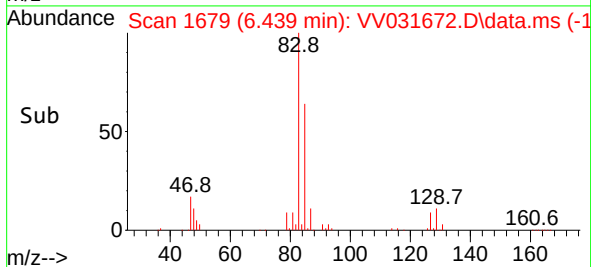
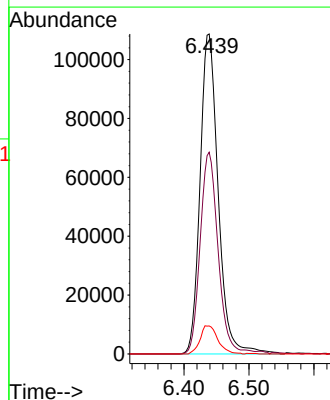
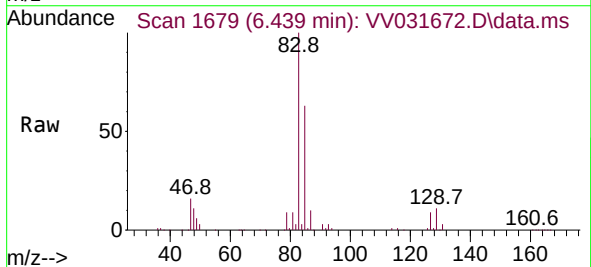
Instrument :
MSVOA_V
ClientSampleId :
VSTD050241

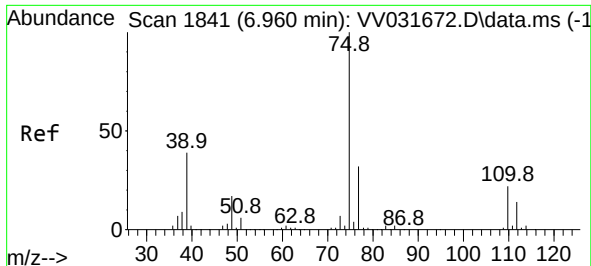
Tgt Ion: 63 Resp: 153342
Ion Ratio Lower Upper
63 100
112 4.6 3.7 5.5



#38
Bromodichloromethane
Concen: 50.149 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VV031672.D
Acq: 11 Jul 2023 11:19

Tgt Ion: 83 Resp: 211207
Ion Ratio Lower Upper
83 100
85 63.1 44.2 82.0
127 9.7 7.8 11.6





#39

cis-1,3-Dichloropropene

Concen: 49.326 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VV031672.D

Acq: 11 Jul 2023 11:19

Instrument :

MSVOA_V

ClientSampleId :

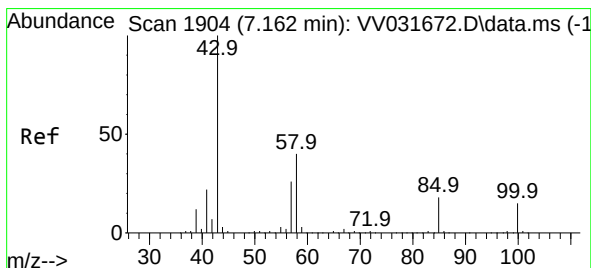
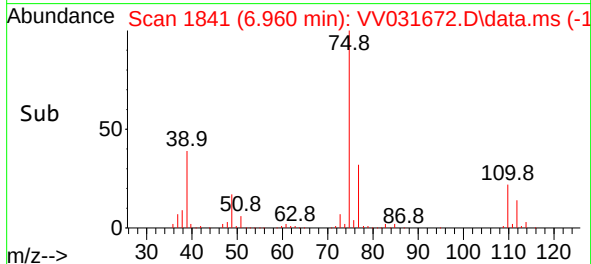
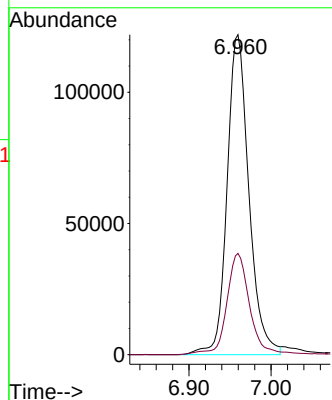
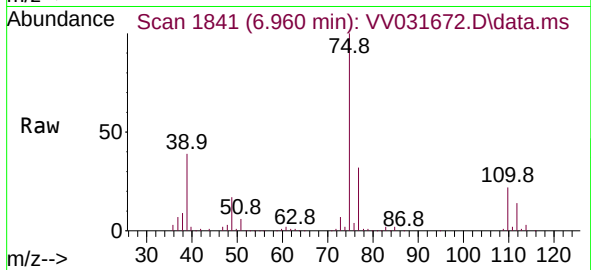
VSTD050241

Tgt Ion: 75 Resp: 225620

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 105.598 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VV031672.D

Acq: 11 Jul 2023 11:19

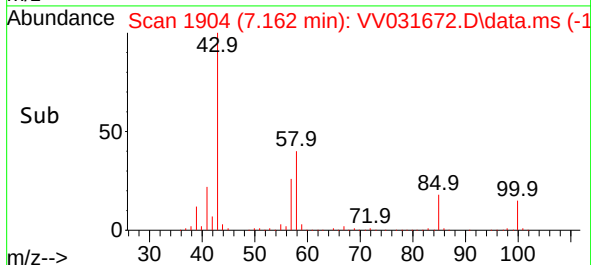
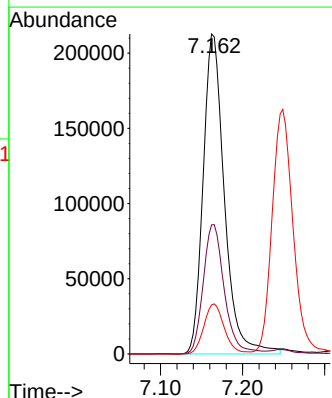
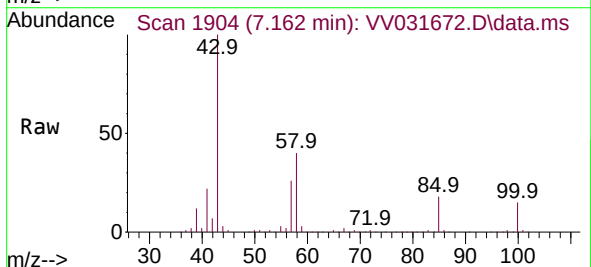
Tgt Ion: 43 Resp: 383381

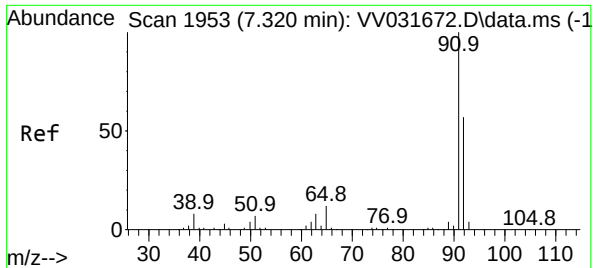
Ion Ratio Lower Upper

43 100

58 40.1 32.1 48.1

100 15.1 12.1 18.1





#42

Toluene

Concen: 54.159 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VV031672.D

Acq: 11 Jul 2023 11:19

Instrument :

MSVOA_V

ClientSampleId :

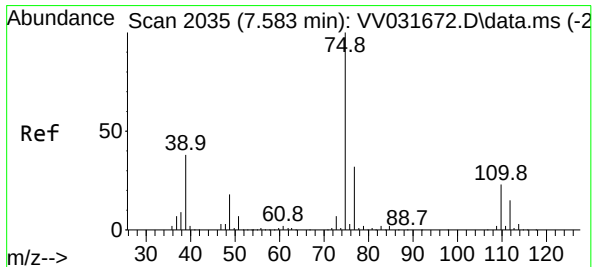
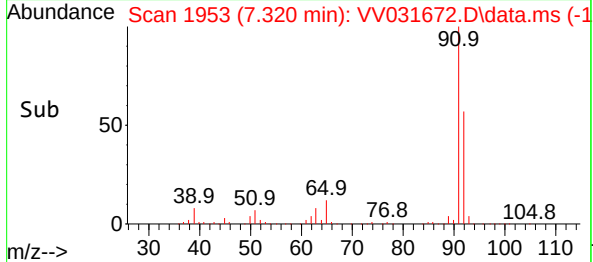
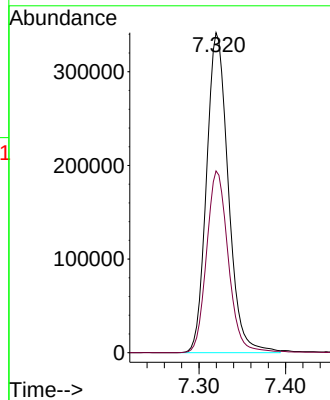
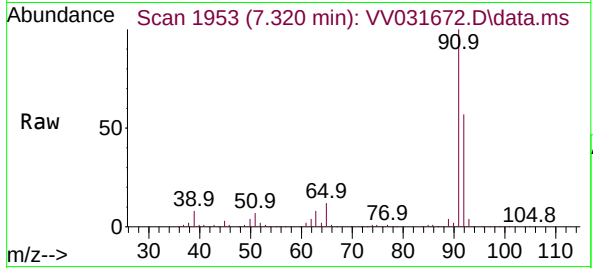
VSTD050241

Tgt Ion: 91 Resp: 597261

Ion Ratio Lower Upper

91 100

92 56.8 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 51.251 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV031672.D

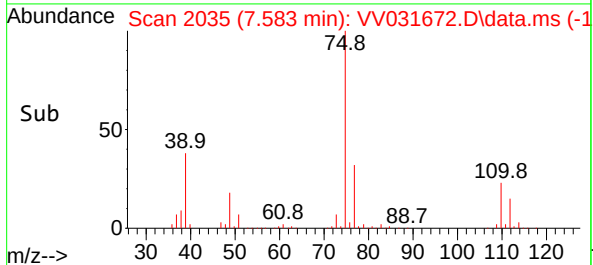
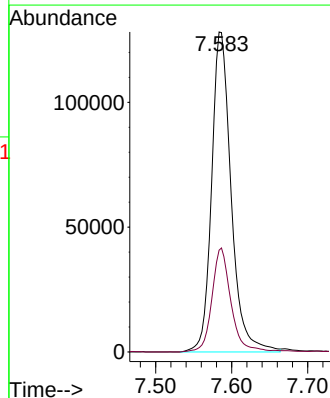
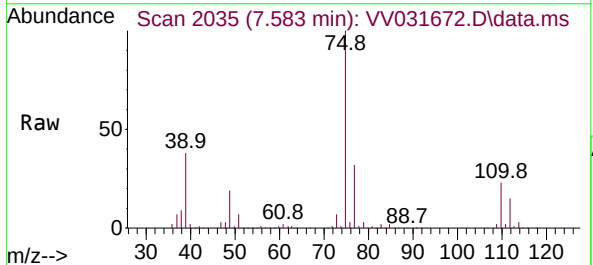
Acq: 11 Jul 2023 11:19

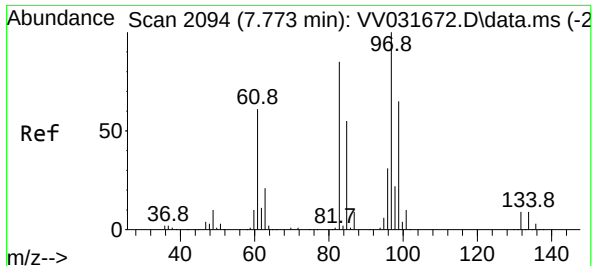
Tgt Ion: 75 Resp: 228966

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 51.674 ug/L

RT: 7.773 min Scan# 2094

Delta R.T. 0.000 min

Lab File: VV031672.D

Acq: 11 Jul 2023 11:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD050241

Tgt Ion: 97 Resp: 152518

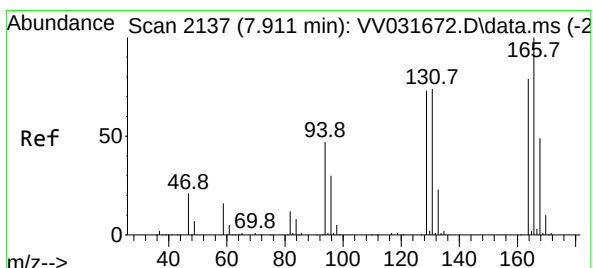
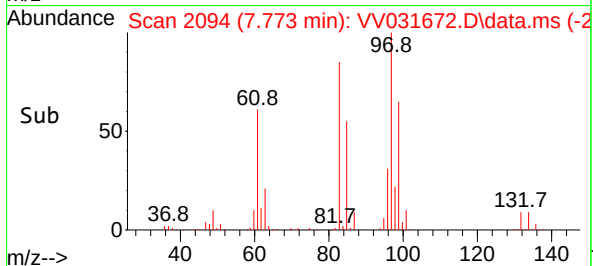
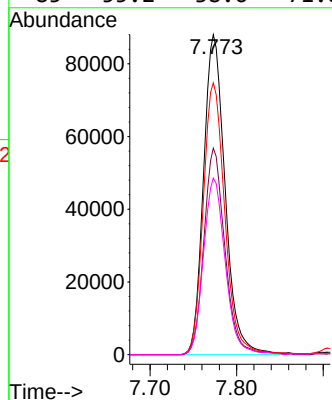
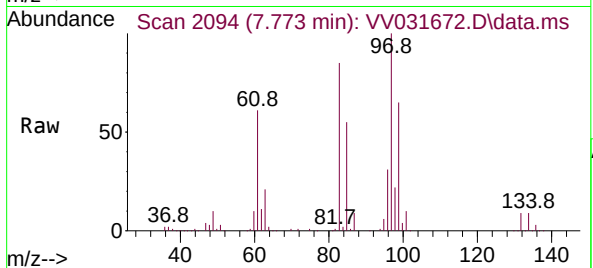
Ion Ratio Lower Upper

97 100

99 64.6 45.2 84.0

83 85.0 59.5 110.5

85 55.2 38.6 71.8



#46

Tetrachloroethene

Concen: 51.601 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VV031672.D

Acq: 11 Jul 2023 11:19

Tgt Ion: 164 Resp: 115556

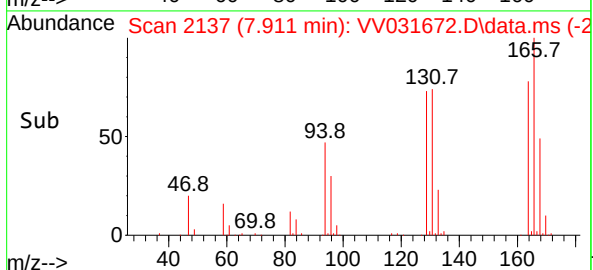
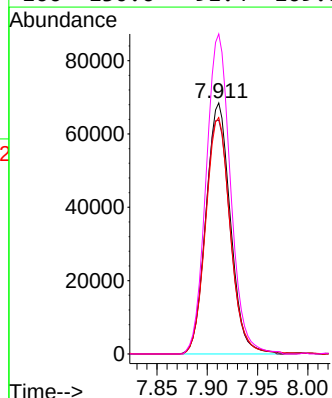
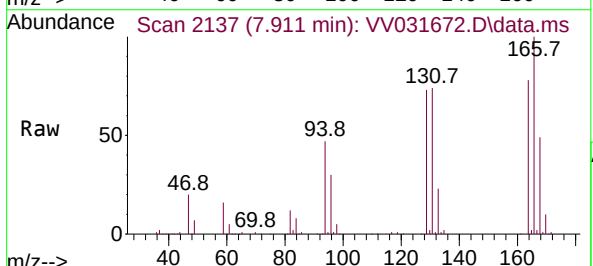
Ion Ratio Lower Upper

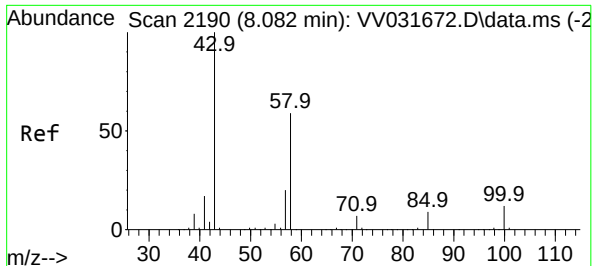
164 100

129 93.1 65.2 121.0

131 95.9 67.1 124.7

166 130.6 91.4 169.8

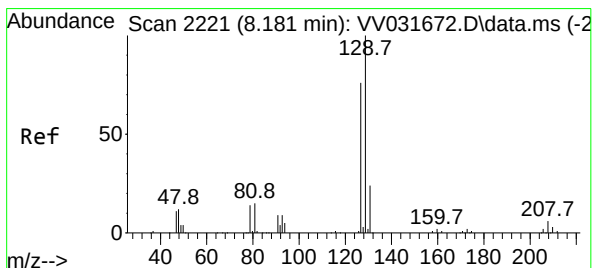
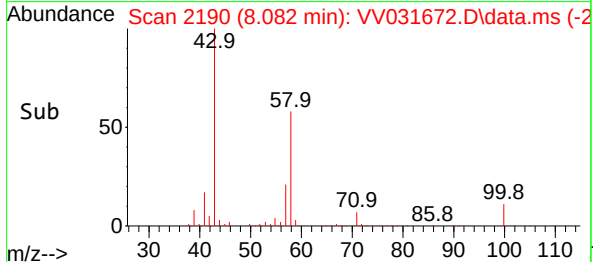
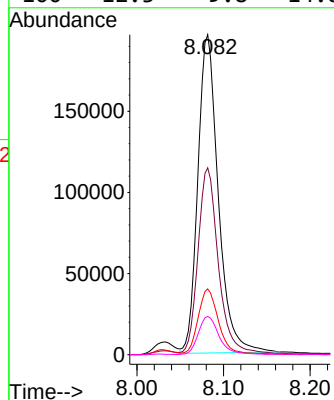
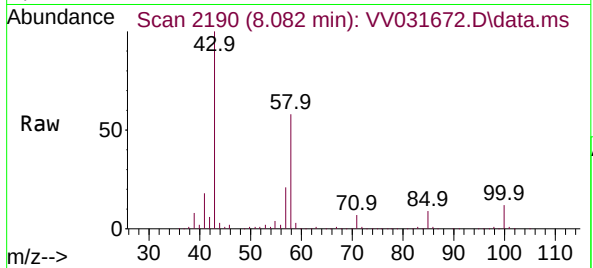




#48
2-Hexanone
Concen: 109.572 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. 0.000 min
Lab File: VV031672.D
Acq: 11 Jul 2023 11:19

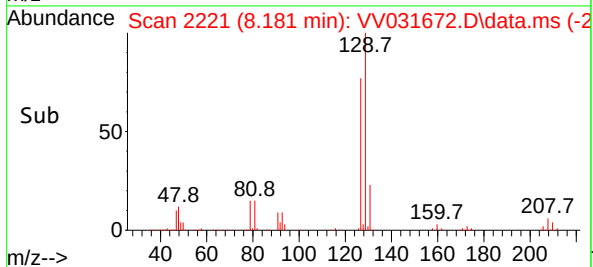
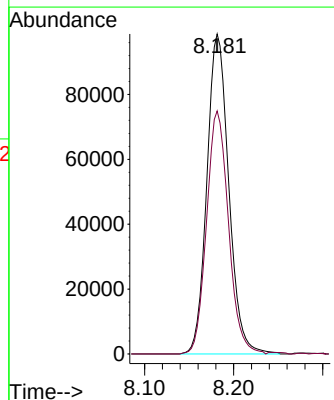
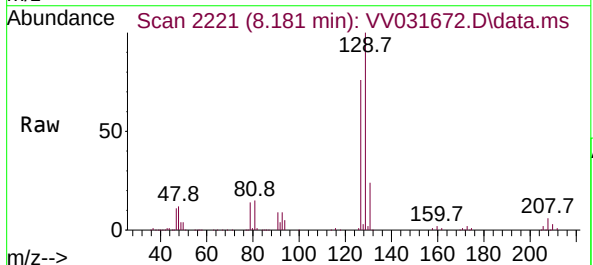
Instrument :
MSVOA_V
ClientSampleId :
VSTD050241

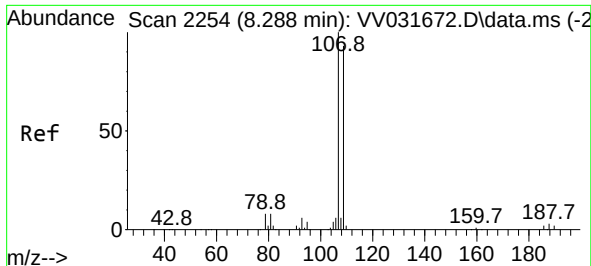
Tgt Ion: 43 Resp: 322447
Ion Ratio Lower Upper
43 100
58 57.9 46.3 69.5
57 21.0 16.8 25.2
100 12.3 9.8 14.8



#49
Dibromochloromethane
Concen: 51.178 ug/L
RT: 8.181 min Scan# 2221
Delta R.T. 0.000 min
Lab File: VV031672.D
Acq: 11 Jul 2023 11:19

Tgt Ion: 129 Resp: 168301
Ion Ratio Lower Upper
129 100
127 78.9 55.2 102.6

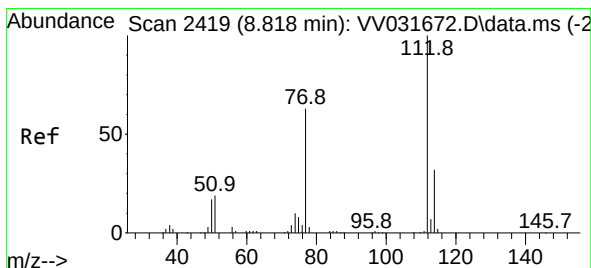
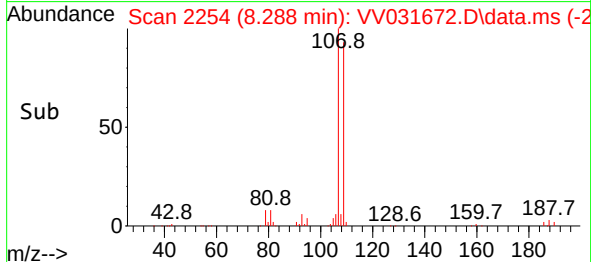
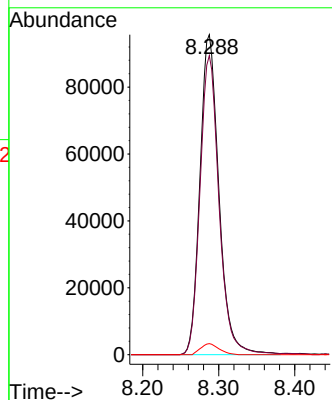
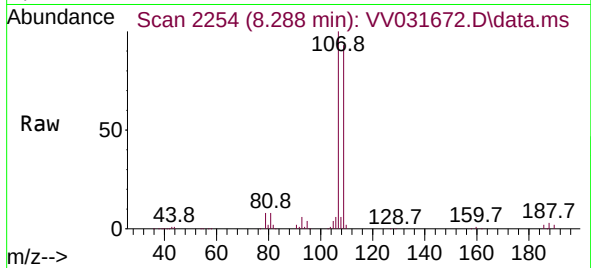




#50
1,2-Dibromoethane
Concen: 52.553 ug/L
RT: 8.288 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031672.D
Acq: 11 Jul 2023 11:19

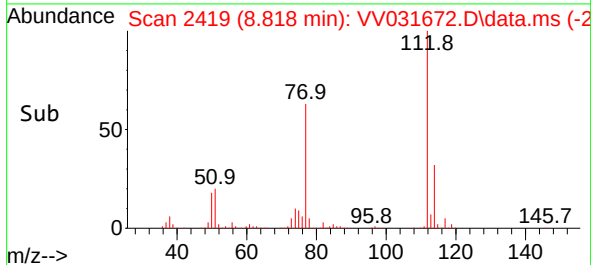
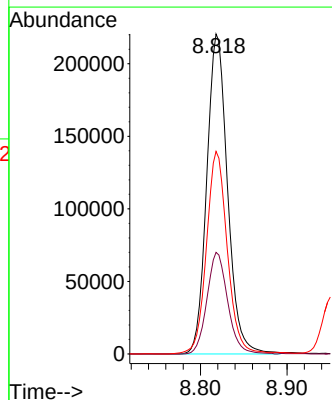
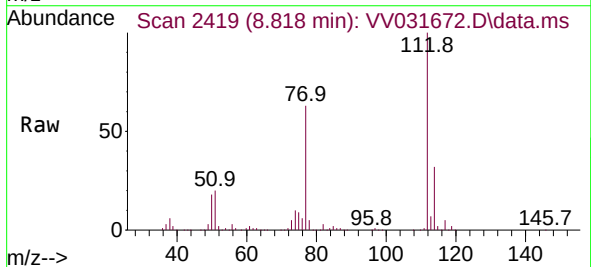
Instrument :
MSVOA_V
ClientSampleId :
VSTD050241

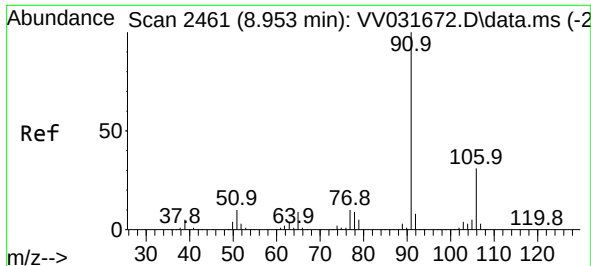
Tgt Ion:107 Resp: 165683
Ion Ratio Lower Upper
107 100
109 93.4 65.4 121.4
188 3.5 2.8 4.2



#51
Chlorobenzene
Concen: 50.443 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.000 min
Lab File: VV031672.D
Acq: 11 Jul 2023 11:19

Tgt Ion:112 Resp: 367655
Ion Ratio Lower Upper
112 100
114 31.7 22.2 41.2
77 63.3 50.6 76.0

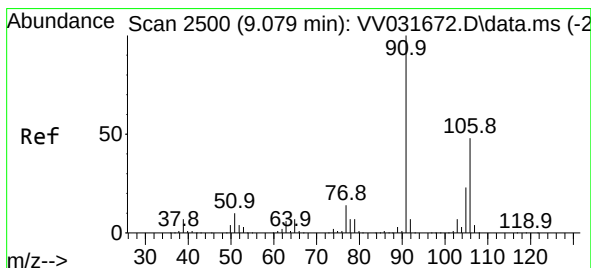
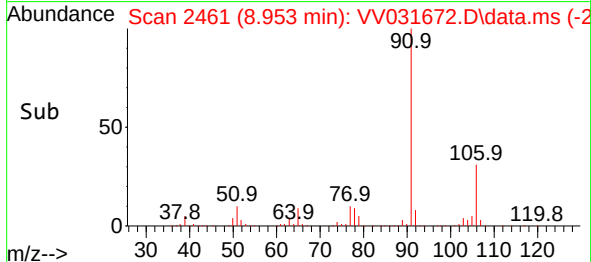
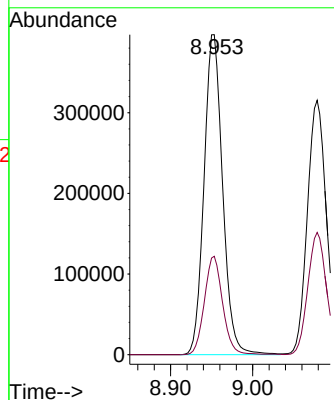
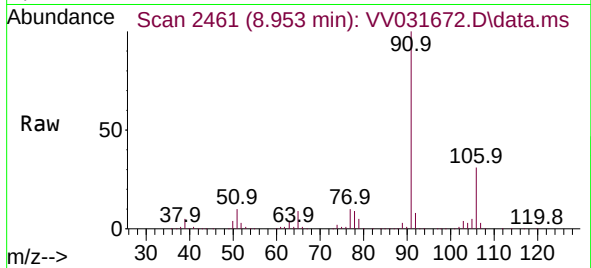




#52
Ethylbenzene
Concen: 51.296 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.000 min
Lab File: VV031672.D
Acq: 11 Jul 2023 11:19

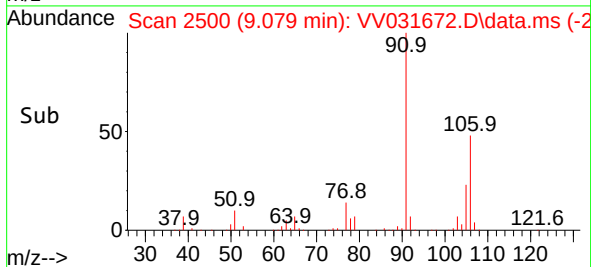
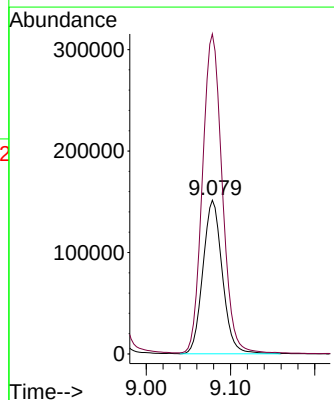
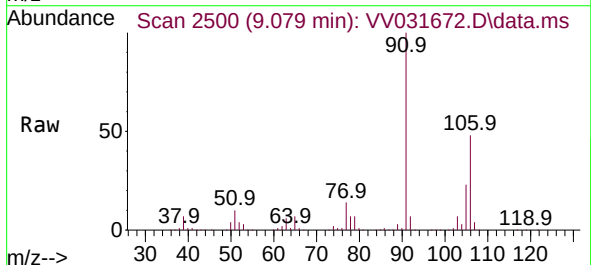
Instrument :
MSVOA_V
ClientSampleId :
VSTD050241

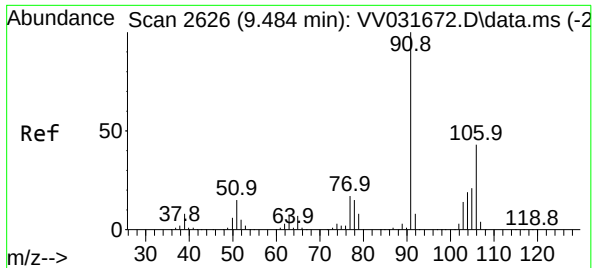
Tgt Ion: 91 Resp: 625332
Ion Ratio Lower Upper
91 100
106 30.7 21.5 39.9



#53
m,p-Xylene
Concen: 53.979 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.000 min
Lab File: VV031672.D
Acq: 11 Jul 2023 11:19

Tgt Ion: 106 Resp: 243130
Ion Ratio Lower Upper
106 100
91 208.0 145.6 270.4

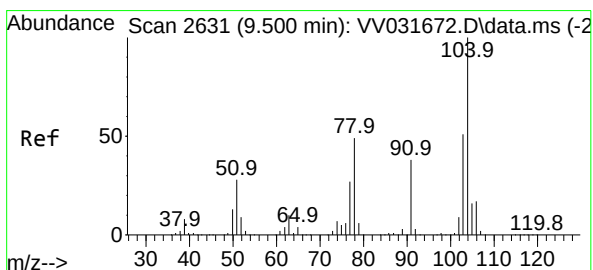
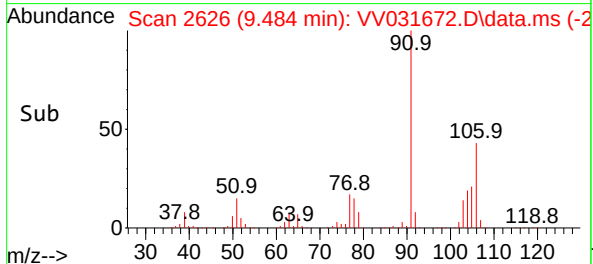
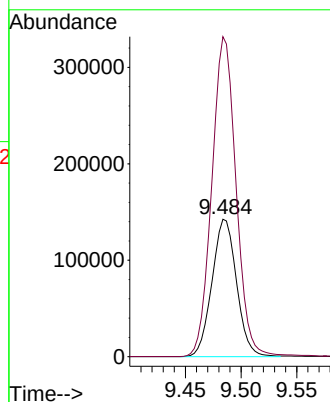
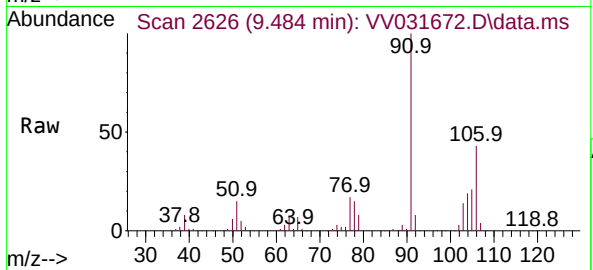




#54
o-Xylene
Concen: 51.600 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV031672.D
Acq: 11 Jul 2023 11:19

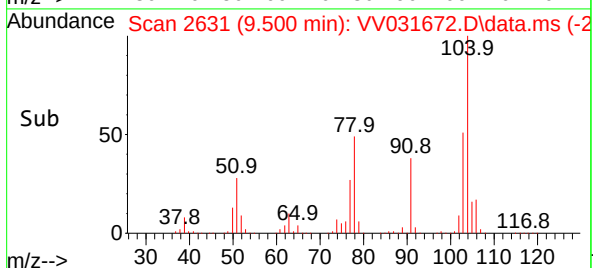
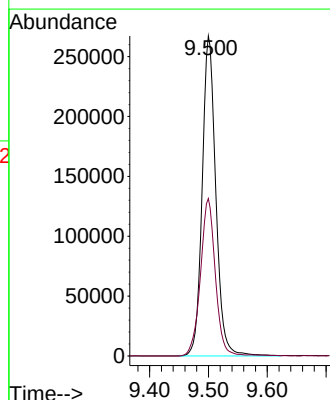
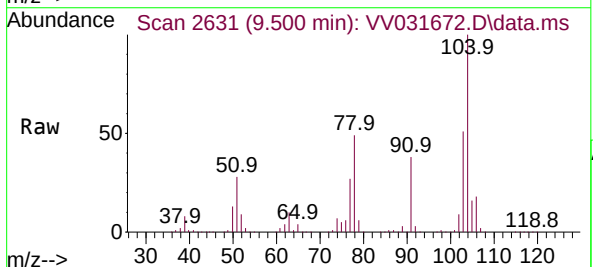
Instrument :
MSVOA_V
ClientSampleId :
VSTD050241

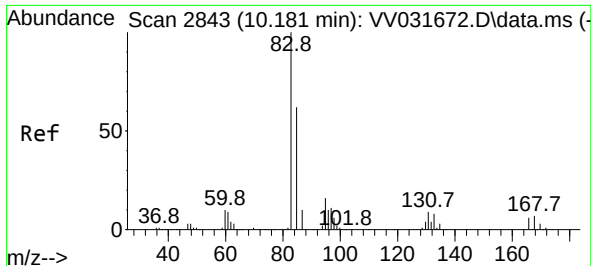
Tgt Ion:106 Resp: 218636
Ion Ratio Lower Upper
106 100
91 232.8 163.0 302.6



#55
Styrene
Concen: 56.117 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV031672.D
Acq: 11 Jul 2023 11:19

Tgt Ion:104 Resp: 430176
Ion Ratio Lower Upper
104 100
78 49.2 34.4 64.0





#57

1,1,2-Tetrachloroethane

Concen: 49.233 ug/L

RT: 10.181 min Scan# 2843

Delta R.T. 0.000 min

Lab File: VV031672.D

Acq: 11 Jul 2023 11:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD050241

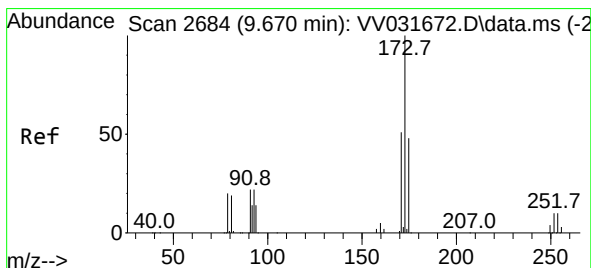
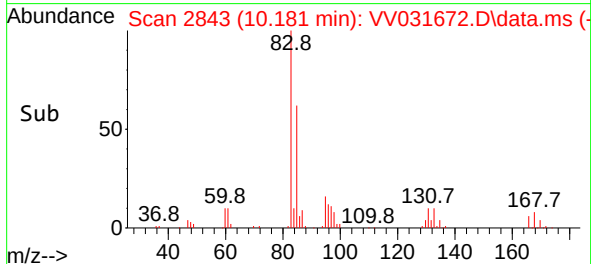
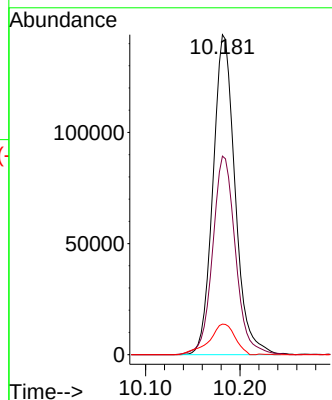
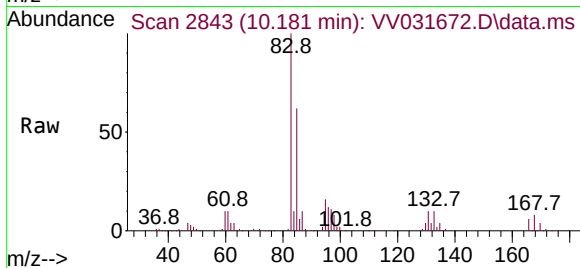
Tgt Ion: 83 Resp: 234084

Ion Ratio Lower Upper

83 100

85 62.0 43.4 80.6

131 13.6 10.9 16.3



#59

Bromoform

Concen: 53.339 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. 0.000 min

Lab File: VV031672.D

Acq: 11 Jul 2023 11:19

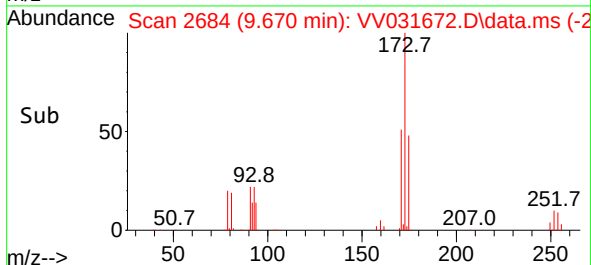
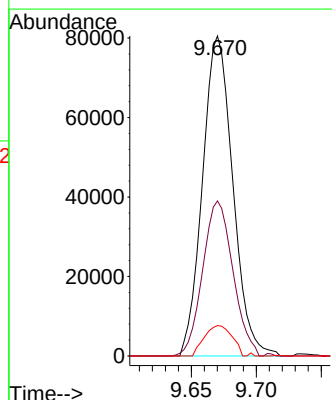
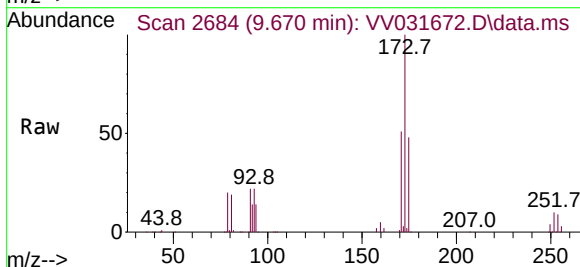
Tgt Ion: 173 Resp: 130893

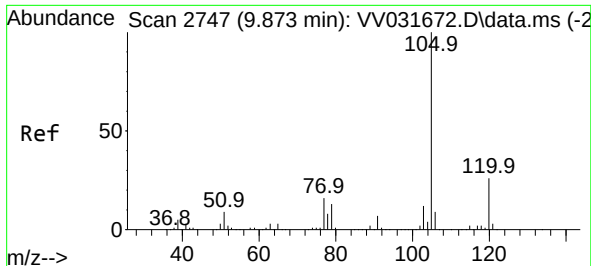
Ion Ratio Lower Upper

173 100

175 48.3 38.6 58.0

254 8.6 6.9 10.3

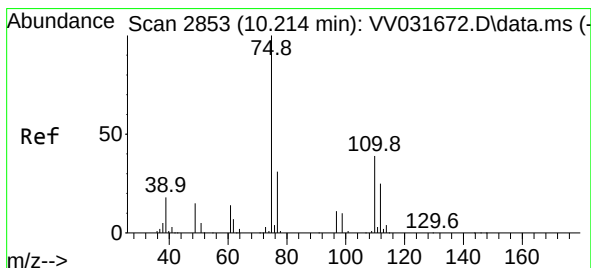
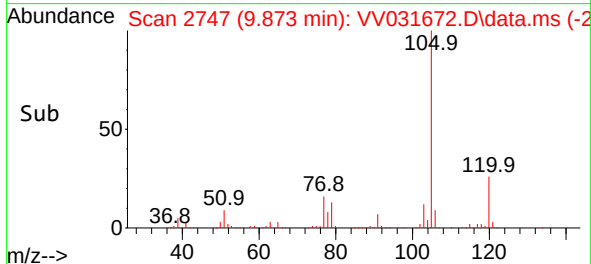
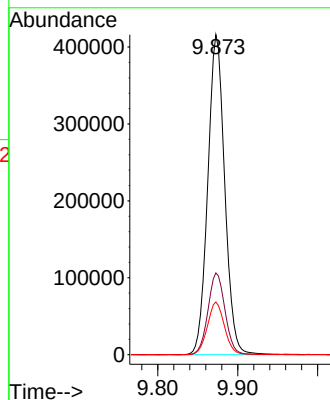
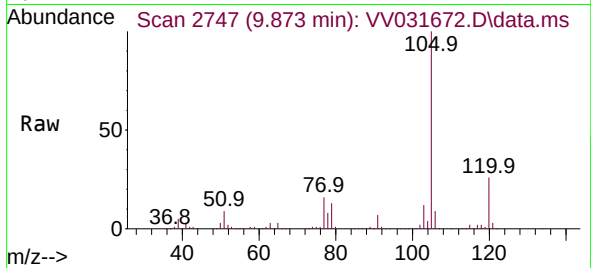




#60
Isopropylbenzene
Concen: 49.665 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031672.D
Acq: 11 Jul 2023 11:19

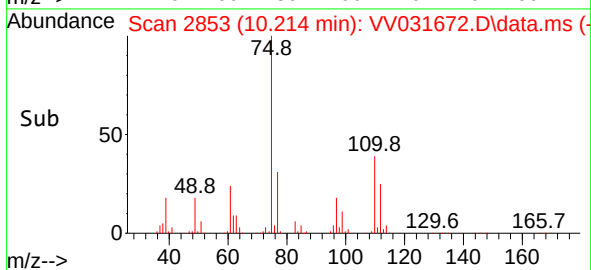
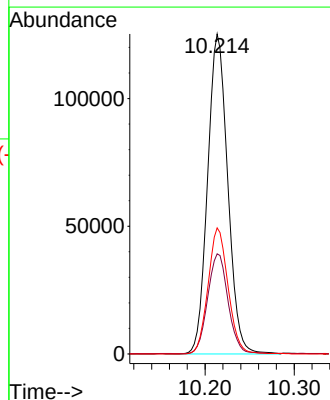
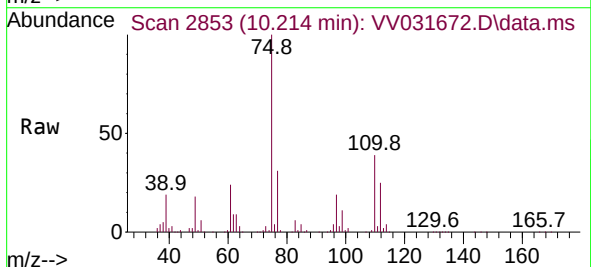
Instrument :
MSVOA_V
ClientSampleId :
VSTD050241

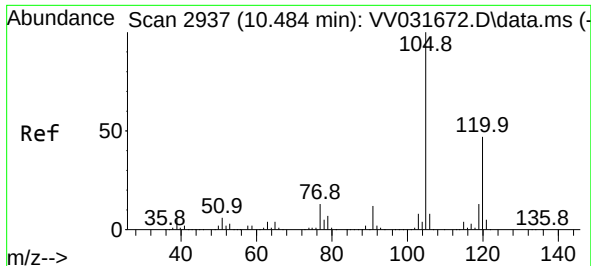
Tgt Ion:105 Resp: 613797
Ion Ratio Lower Upper
105 100
120 25.7 20.6 30.8
77 16.5 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 50.406 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV031672.D
Acq: 11 Jul 2023 11:19

Tgt Ion: 75 Resp: 196198
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7
110 39.2 31.4 47.0

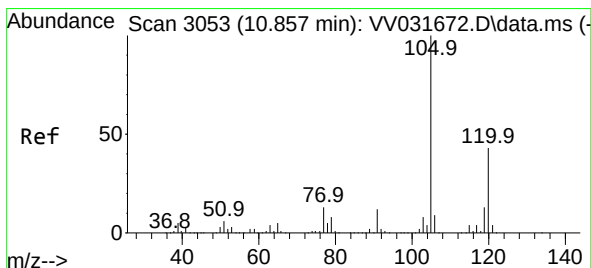
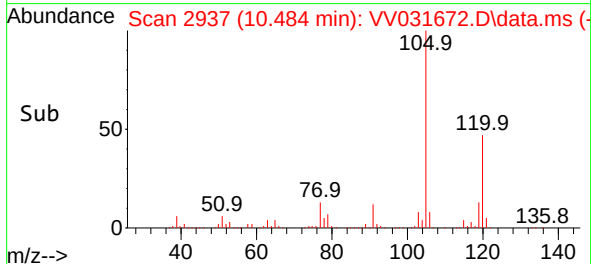
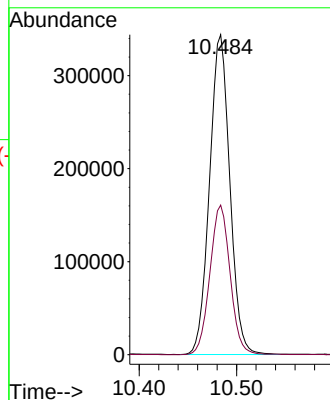
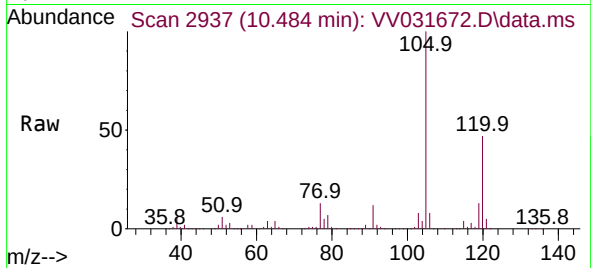




#62
 1,3,5-Trimethylbenzene
 Concen: 48.853 ug/L
 RT: 10.484 min Scan# 2937
 Delta R.T. 0.000 min
 Lab File: VV031672.D
 Acq: 11 Jul 2023 11:19

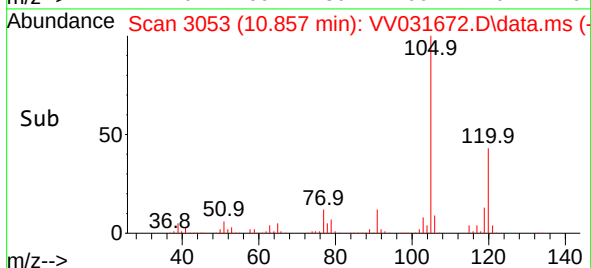
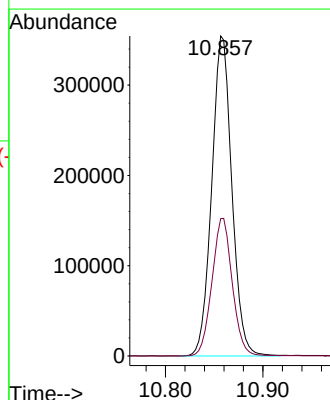
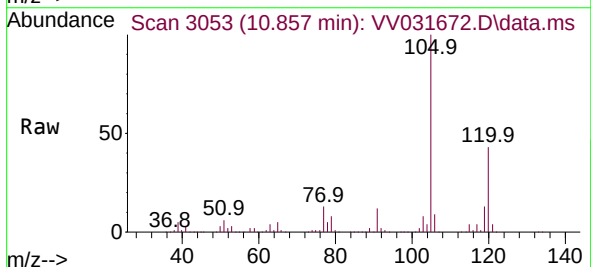
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050241

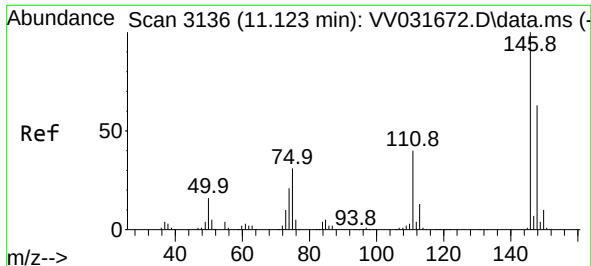
Tgt Ion:105 Resp: 496791
 Ion Ratio Lower Upper
 105 100
 120 46.7 37.4 56.0



#63
 1,2,4-Trimethylbenzene
 Concen: 52.766 ug/L
 RT: 10.857 min Scan# 3053
 Delta R.T. 0.000 min
 Lab File: VV031672.D
 Acq: 11 Jul 2023 11:19

Tgt Ion:105 Resp: 508740
 Ion Ratio Lower Upper
 105 100
 120 43.4 34.7 52.1

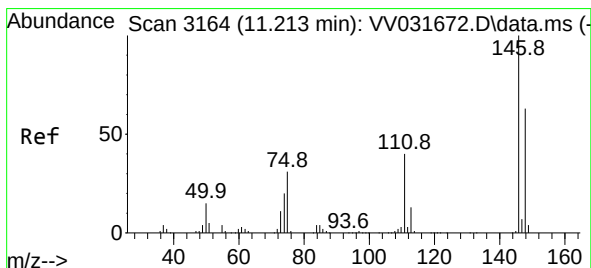
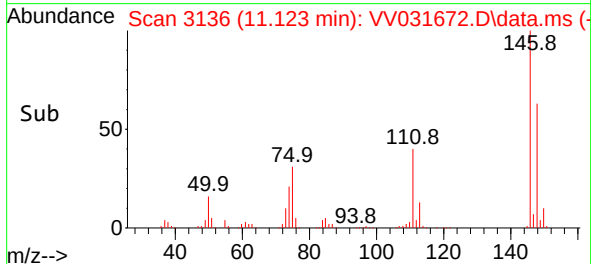
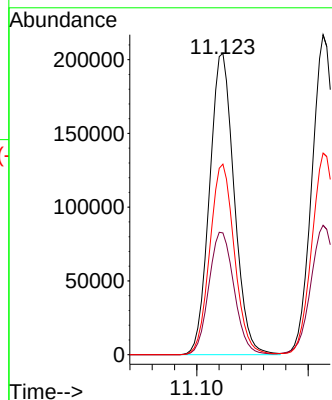
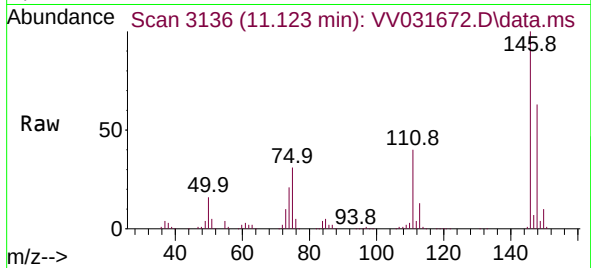




#64
 1,3-Dichlorobenzene
 Concen: 50.120 ug/L
 RT: 11.123 min Scan# 3136
 Delta R.T. 0.000 min
 Lab File: VV031672.D
 Acq: 11 Jul 2023 11:19

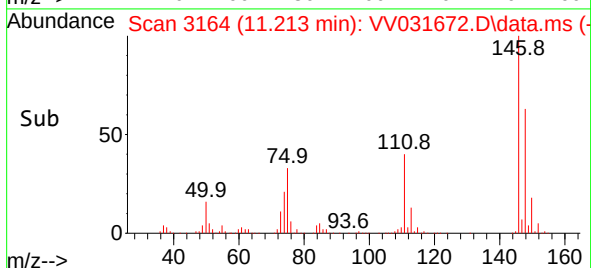
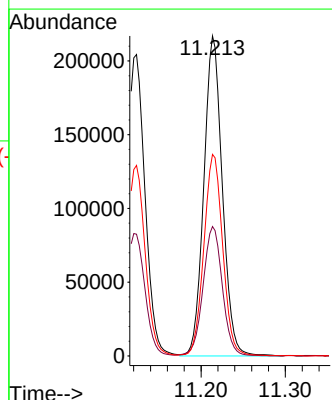
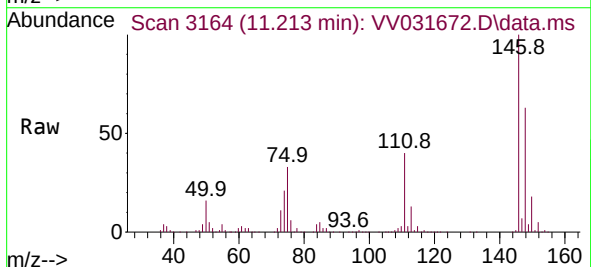
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050241

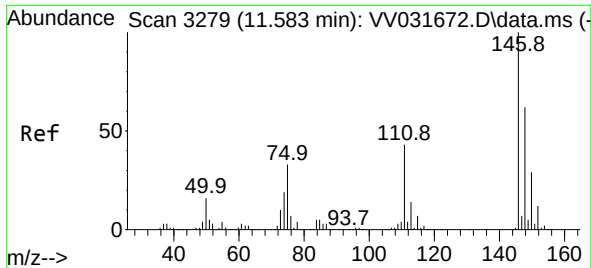
Tgt Ion:146 Resp: 314238
 Ion Ratio Lower Upper
 146 100
 111 40.4 28.3 52.5
 148 63.2 44.2 82.2



#65
 1,4-Dichlorobenzene
 Concen: 49.595 ug/L
 RT: 11.213 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: VV031672.D
 Acq: 11 Jul 2023 11:19

Tgt Ion:146 Resp: 332195
 Ion Ratio Lower Upper
 146 100
 111 40.5 28.3 52.7
 148 63.0 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 50.183 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031672.D

Acq: 11 Jul 2023 11:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD050241

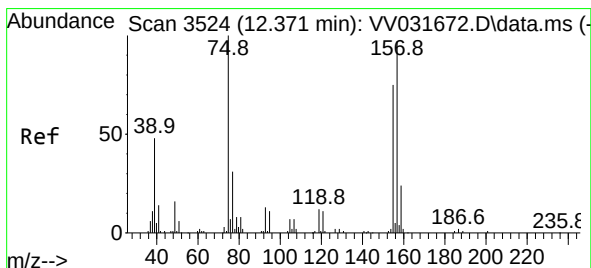
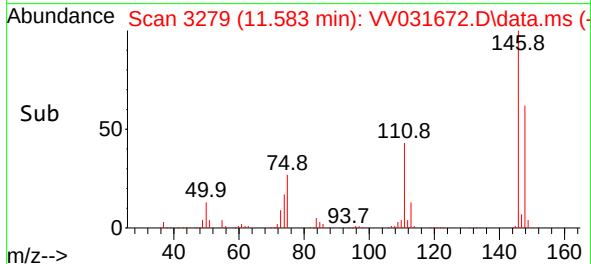
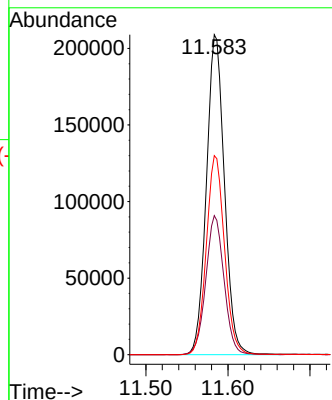
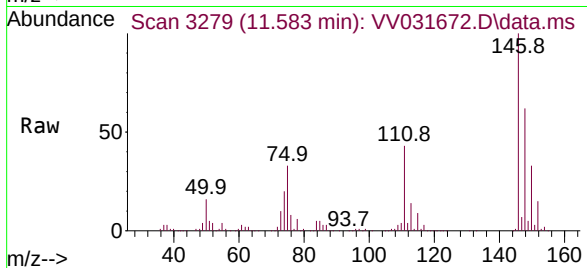
Tgt Ion:146 Resp: 318433

Ion Ratio Lower Upper

146 100

111 43.5 34.8 52.2

148 62.2 49.8 74.6



#68

1,2-Dibromo-3-chloropropane

Concen: 50.871 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. 0.000 min

Lab File: VV031672.D

Acq: 11 Jul 2023 11:19

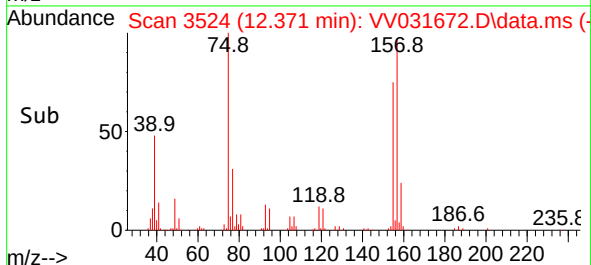
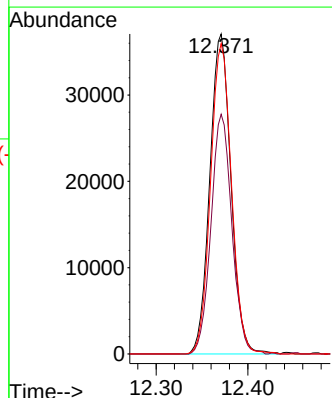
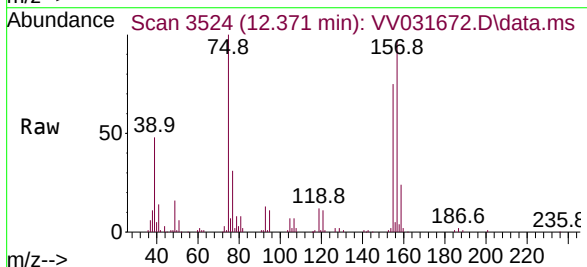
Tgt Ion: 75 Resp: 59364

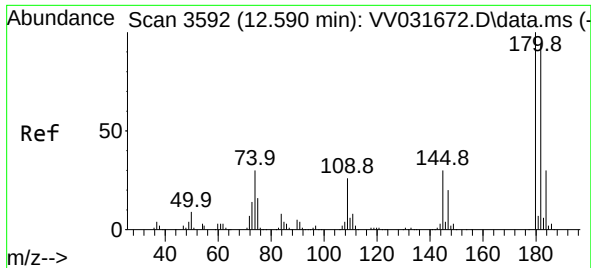
Ion Ratio Lower Upper

75 100

155 74.9 59.9 89.9

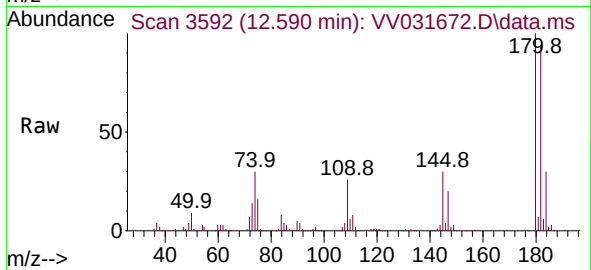
157 97.0 77.6 116.4





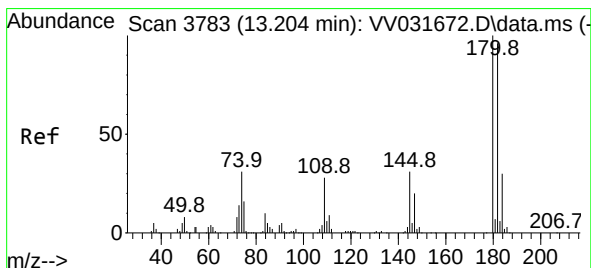
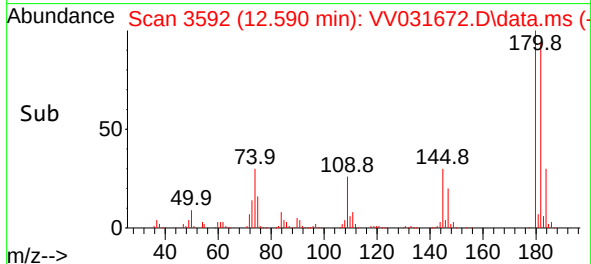
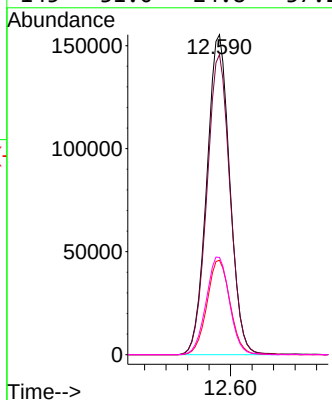
#69
 1,3,5-Trichlorobenzene
 Concen: 48.234 ug/L
 RT: 12.590 min Scan# 3592
 Delta R.T. 0.000 min
 Lab File: VV031672.D
 Acq: 11 Jul 2023 11:19

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050241



Tgt Ion:180 Resp: 230345

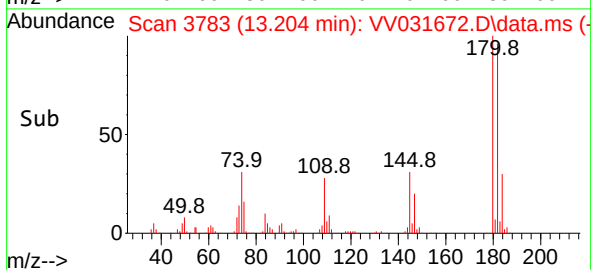
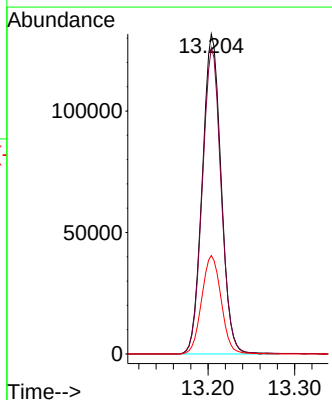
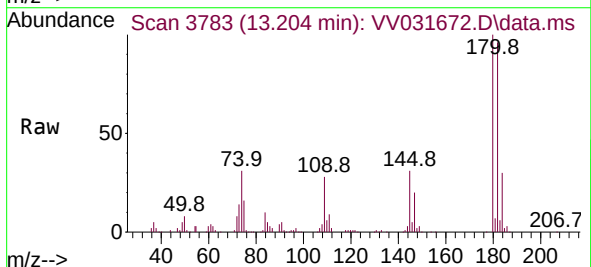
Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.5	113.3
184	29.6	23.7	35.5
145	31.0	24.8	37.2

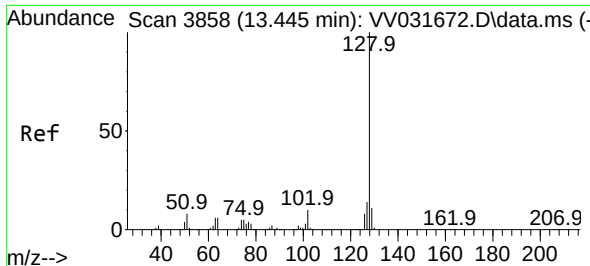


#70
 1,2,4-trichlorobenzene
 Concen: 47.603 ug/L
 RT: 13.204 min Scan# 3783
 Delta R.T. 0.000 min
 Lab File: VV031672.D
 Acq: 11 Jul 2023 11:19

Tgt Ion:180 Resp: 198441

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.6	114.8
145	31.8	25.4	38.2

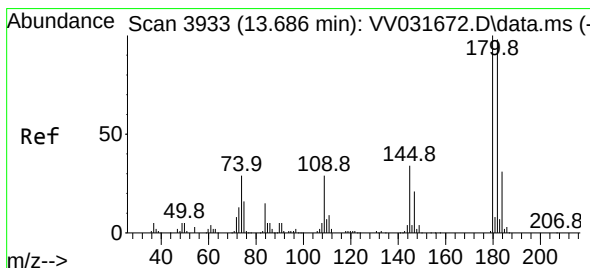
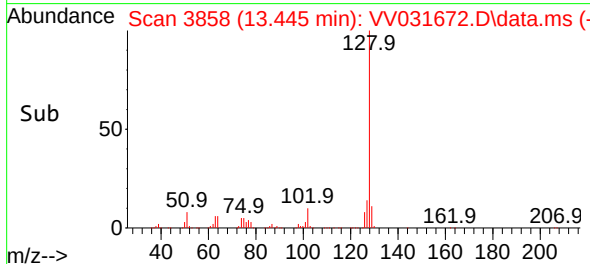
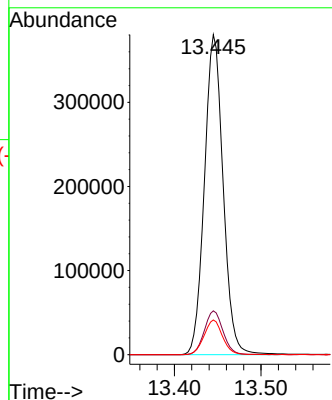
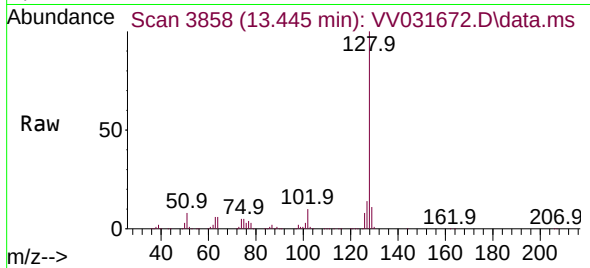




#71
Naphthalene
Concen: 53.225 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.000 min
Lab File: VV031672.D
Acq: 11 Jul 2023 11:19

Instrument :
MSVOA_V
ClientSampleId :
VSTD050241

Tgt Ion:128 Resp: 570564
Ion Ratio Lower Upper
128 100
127 13.7 11.0 16.4
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 49.802 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. 0.000 min
Lab File: VV031672.D
Acq: 11 Jul 2023 11:19

Tgt Ion:180 Resp: 215613
Ion Ratio Lower Upper
180 100
182 95.9 76.7 115.1
145 34.6 27.7 41.5

