

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042222\
 Data File : VW025701.D
 Acq On : 22 Apr 2022 23:20
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005391

Quant Time: Apr 23 02:04:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 23 01:57:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	131373	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	134078	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71358	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	75666	6.195	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 124.000%		
7) Chloroethane-d5	1.574	69	66867	5.146	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 103.000%		
11) 1,1-Dichloroethene-d2	2.114	63	133117	5.441	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 108.800%		
20) 2-Butanone-d5	3.899	46	99866	67.218	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 134.440%#		
24) Chloroform-d	4.352	84	115202	6.242	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 124.800%		
26) 1,2-Dichloroethane-d4	5.034	65	51681	6.499	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 130.000%		
32) Benzene-d6	5.053	84	229979	5.928	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 118.600%		
36) 1,2-Dichloropropane-d6	6.072	67	65325	6.038	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 120.800%		
41) Toluene-d8	7.317	98	212649	5.907	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 118.200%		
43) trans-1,3-Dichloroprop...	7.625	79	20700	5.692	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 113.800%		
46) 2-Hexanone-d5	8.088	63	76528	59.962	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 119.920%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	38274	5.600	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 112.000%		
66) 1,2-Dichlorobenzene-d4	11.622	152	63154	5.279	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 105.600%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.134	85	41848	3.526	ug/L	100
3) Chloromethane	1.246	50	63919	4.957	ug/L	99
5) Vinyl chloride	1.317	62	63376	4.349	ug/L	100
6) Bromomethane	1.526	94	41044	3.906	ug/L	95
8) Chloroethane	1.590	64	45364	4.033	ug/L	98
9) Trichlorofluoromethane	1.757	101	82214	4.017	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	43874	3.815	ug/L	96
12) 1,1-Dichloroethene	2.124	96	45542	3.997	ug/L	95
13) Acetone	2.191	43	61391	60.879	ug/L	96
14) Carbon disulfide	2.301	76	95507	3.502	ug/L	98
15) Methyl Acetate	2.445	43	15218	6.790	ug/L #	83
16) Methylene chloride	2.513	84	49935	4.520	ug/L	95
17) Methyl tert-butyl Ether	2.773	73	92952	5.272	ug/L	95
18) trans-1,2-Dichloroethene	2.767	96	40293	4.220	ug/L	96
19) 1,1-Dichloroethane	3.195	63	87250	5.395	ug/L	97
21) 2-Butanone	3.982	43	90315	64.816	ug/L	93
22) cis-1,2-Dichloroethene	3.915	96	48568	4.832	ug/L	87
23) Bromochloromethane	4.252	128	20667	4.952	ug/L	84
25) Chloroform	4.378	83	91770	5.376	ug/L	94

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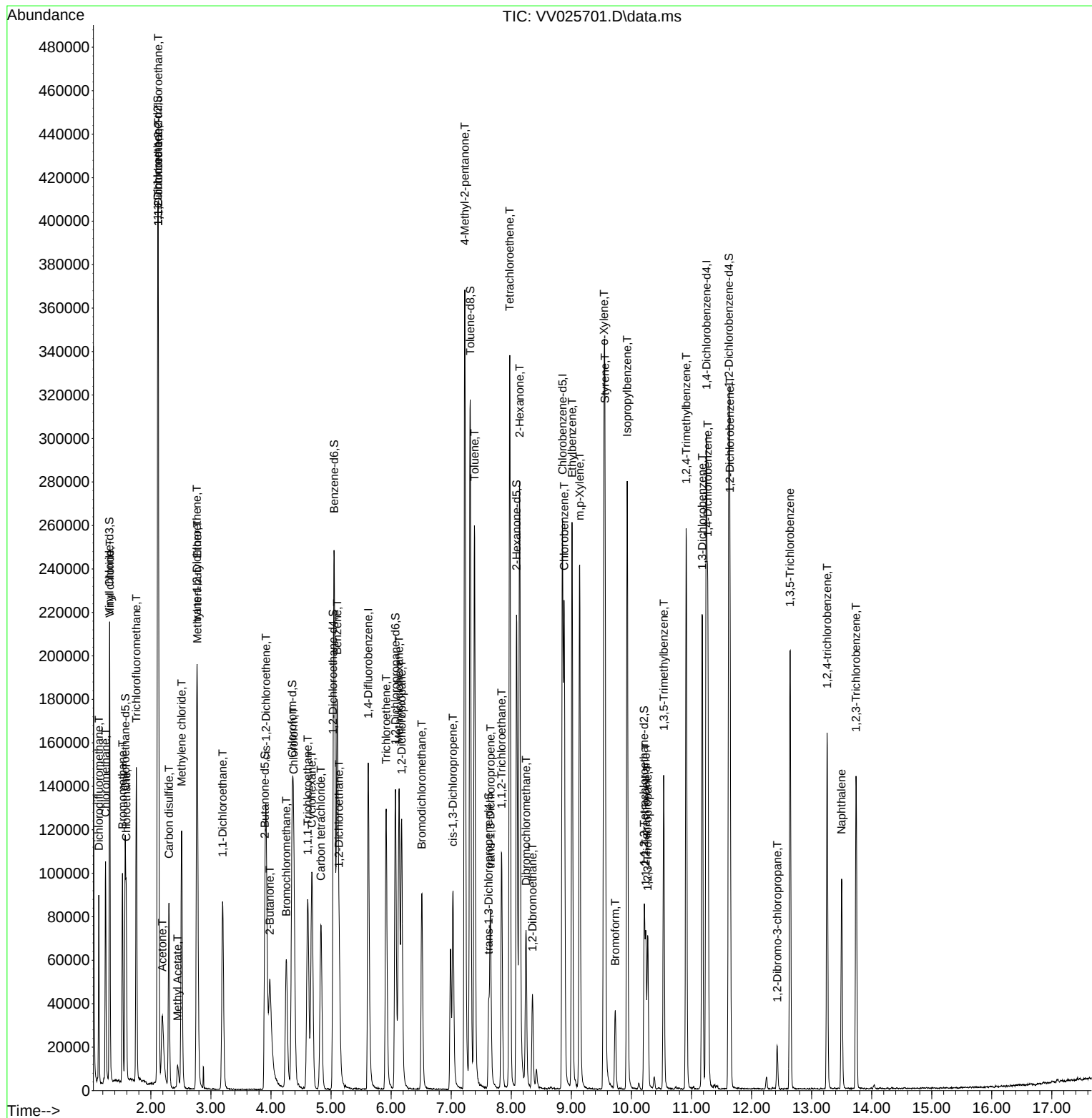
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	51620	5.731	ug/L	98
29) 1,1,1-Trichloroethane	4.613	97	70852	4.480	ug/L	98
30) Cyclohexane	4.680	56	48726	3.389	ug/L	99
31) Carbon tetrachloride	4.831	117	56093	4.194	ug/L	100
33) Benzene	5.101	78	182876	4.617	ug/L	100
34) Trichloroethene	5.918	95	44608	4.242	ug/L	97
35) Methylcyclohexane	6.133	83	53929	3.214	ug/L	94
37) 1,2-Dichloropropane	6.175	63	48840	5.330	ug/L	98
38) Bromodichloromethane	6.510	83	60692	5.336	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	57556	4.793	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	240367	65.518	ug/L	94
42) Toluene	7.387	91	188355	4.372	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	47573	5.100	ug/L	96
45) 1,1,2-Trichloroethane	7.837	97	32427	5.285	ug/L	96
47) Tetrachloroethene	7.976	164	71869	8.729	ug/L	97
48) 2-Hexanone	8.140	43	176118	68.884	ug/L	94
49) Dibromochloromethane	8.246	129	35443	5.262	ug/L	98
50) 1,2-Dibromoethane	8.355	107	28435	4.934	ug/L #	99
51) Chlorobenzene	8.882	112	117284	4.263	ug/L	99
52) Ethylbenzene	9.011	91	178683	3.889	ug/L	99
53) m,p-Xylene	9.140	106	67930	3.888	ug/L	94
54) o-Xylene	9.545	106	68093	4.013	ug/L	98
55) Styrene	9.561	104	119375	4.326	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	32565	5.312	ug/L	97
59) Bromoform	9.731	173	15452	5.246	ug/L	98
60) Isopropylbenzene	9.931	105	174210	3.944	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	27206	5.789	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	74115	3.763	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	135519	3.819	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	87194	4.229	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	84526	4.039	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	79535	4.356	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4812	5.922	ug/L	95
69) 1,3,5-Trichlorobenzene	12.641	180	59571	3.797	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	45451	3.759	ug/L	98
71) Naphthalene	13.500	128	75439	4.253	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	40313	4.026	ug/L	97

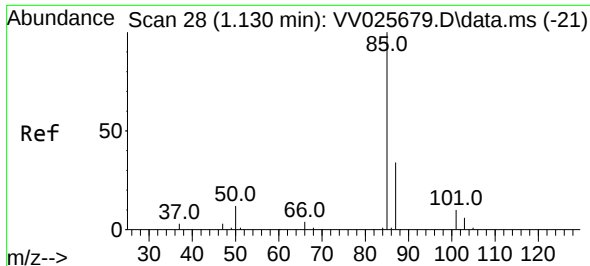
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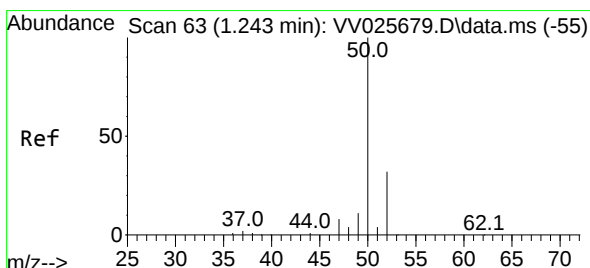
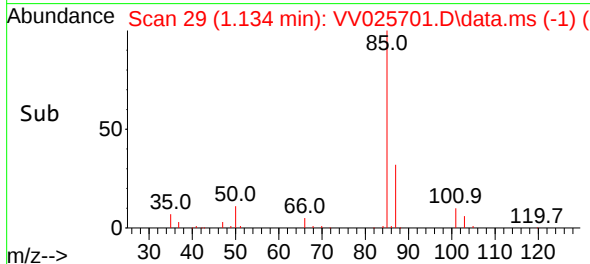
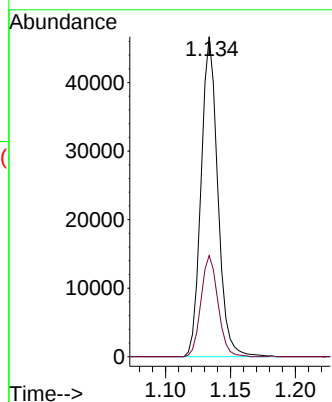
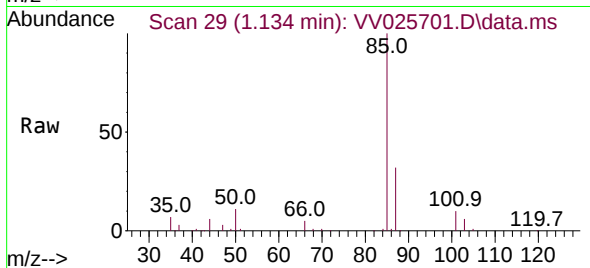




#2
Dichlorodifluoromethane
Concen: 3.526 ug/L
RT: 1.134 min Scan# 29
Delta R.T. 0.000 min
Lab File: VV025701.D
Acq: 22 Apr 2022 23:20

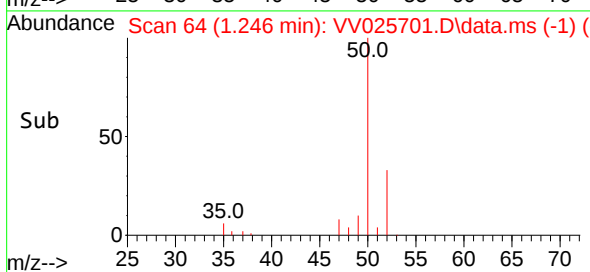
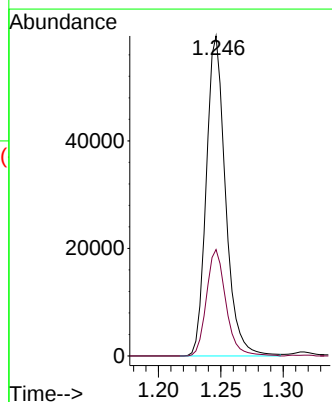
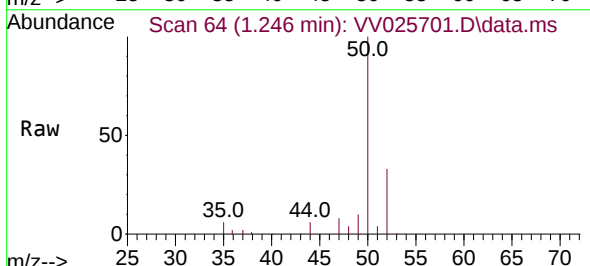
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MSVOA_V
ClientSampleId :
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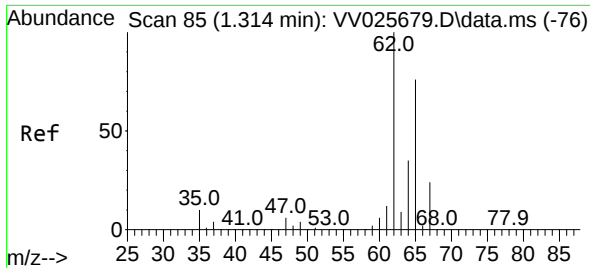
Tgt Ion: 85 Resp: 41848
Ion Ratio Lower Upper
85 100
87 32.0 25.6 38.4



#3
Chloromethane
Concen: 4.957 ug/L
RT: 1.246 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV025701.D
Acq: 22 Apr 2022 23:20

Tgt Ion: 50 Resp: 63919
Ion Ratio Lower Upper
50 100
52 33.3 23.7 43.9

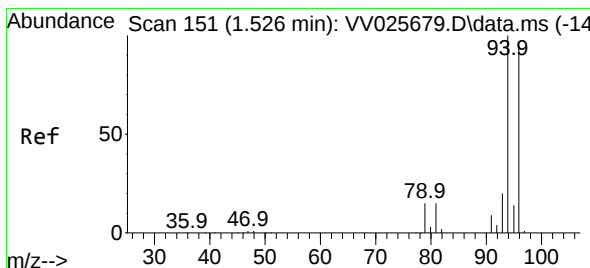
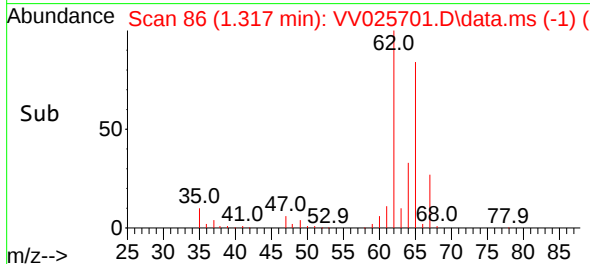
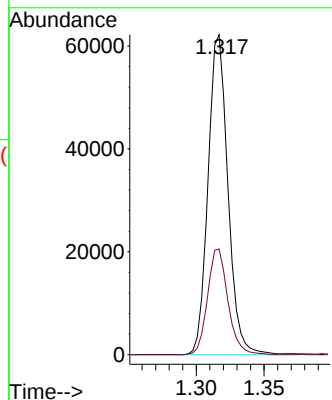
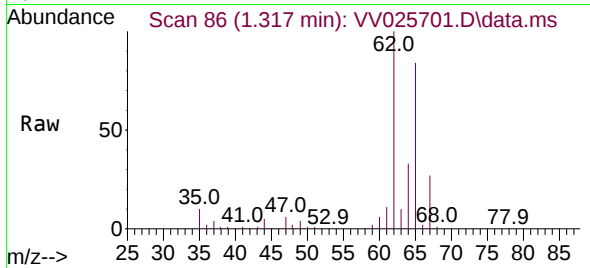




#5
 Vinyl chloride
 Concen: 4.349 ug/L
 RT: 1.317 min Scan# 86
 Delta R.T. 0.003 min
 Lab File: VV025701.D
 Acq: 22 Apr 2022 23:20

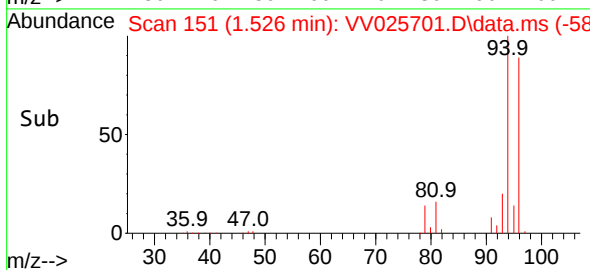
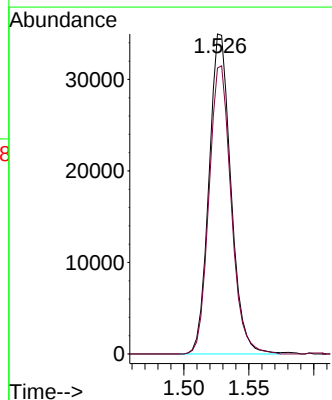
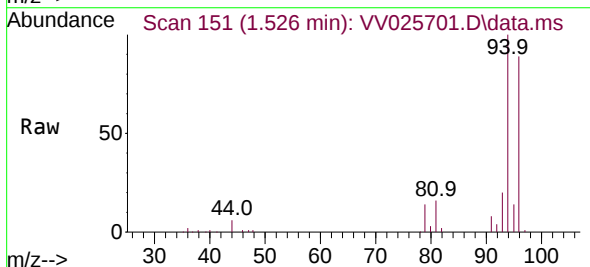
Instrument :
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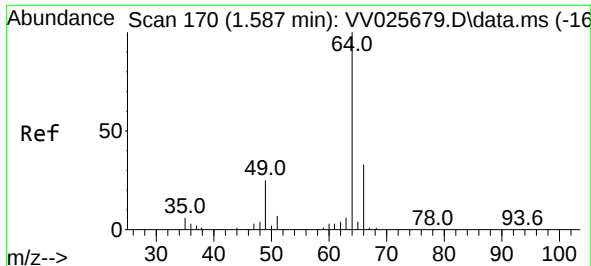
Tgt Ion: 62 Resp: 63376
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.2 43.2



#6
 Bromomethane
 Concen: 3.906 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.000 min
 Lab File: VV025701.D
 Acq: 22 Apr 2022 23:20

Tgt Ion: 94 Resp: 41044
 Ion Ratio Lower Upper
 94 100
 96 89.4 66.1 122.7

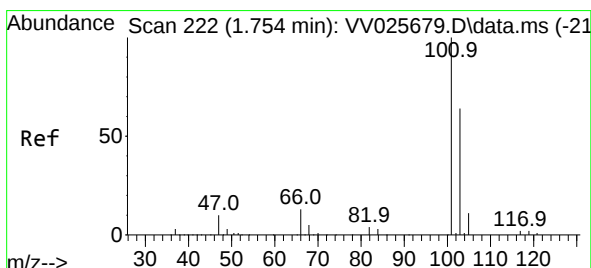
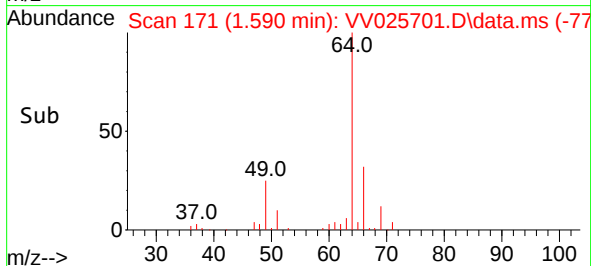
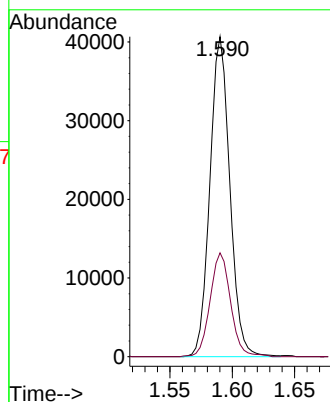
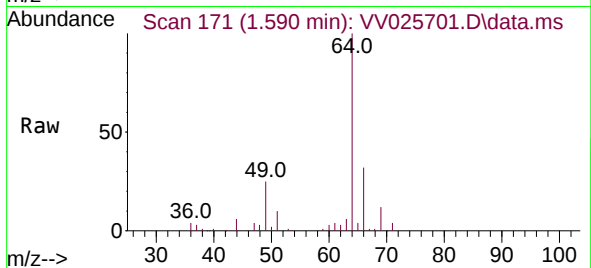




#8
Chloroethane
Concen: 4.033 ug/L
RT: 1.590 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025701.D
Acq: 22 Apr 2022 23:20

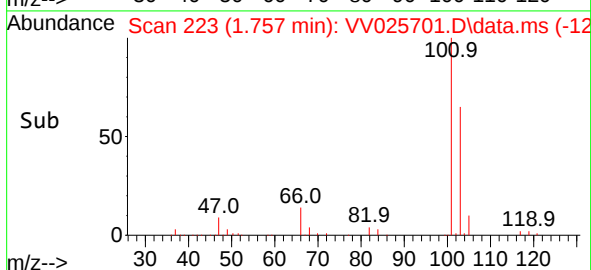
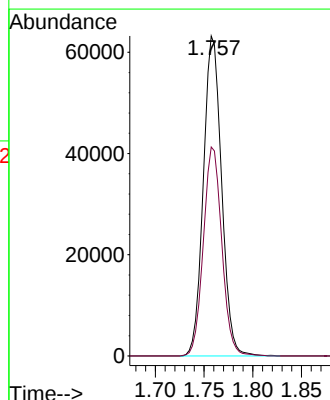
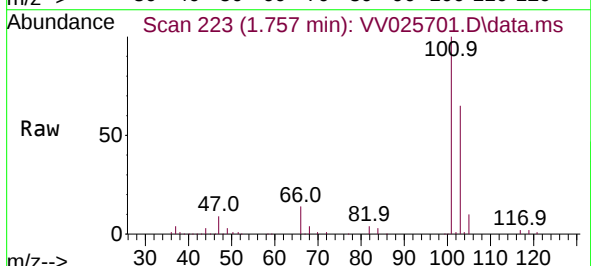
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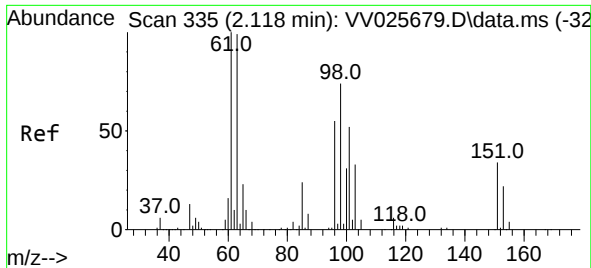
Tgt Ion: 64 Resp: 45364
Ion Ratio Lower Upper
64 100
66 32.4 21.8 40.6



#9
Trichlorofluoromethane
Concen: 4.017 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.003 min
Lab File: VV025701.D
Acq: 22 Apr 2022 23:20

Tgt Ion: 101 Resp: 82214
Ion Ratio Lower Upper
101 100
103 65.9 51.9 77.9

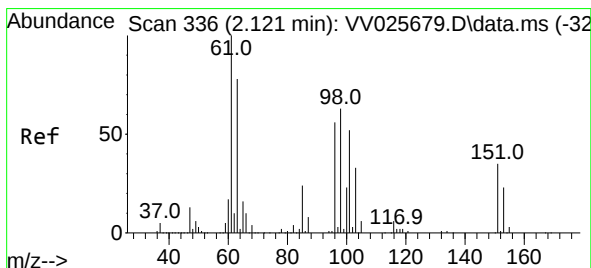
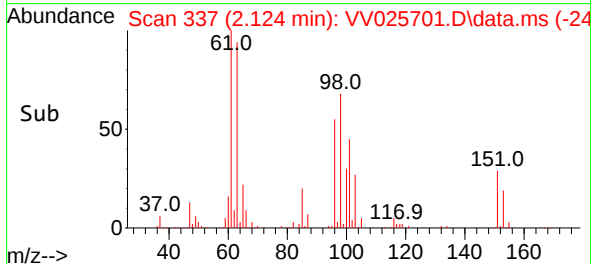
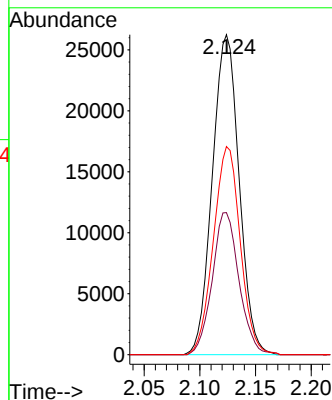
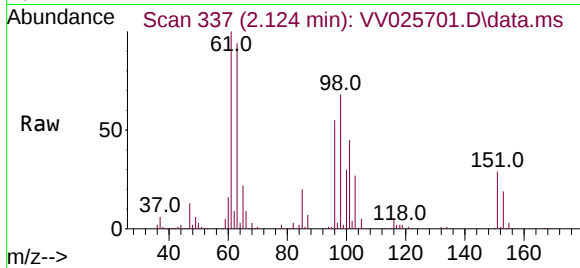




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.815 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. 0.003 min
 Lab File: VV025701.D
 Acq: 22 Apr 2022 23:20

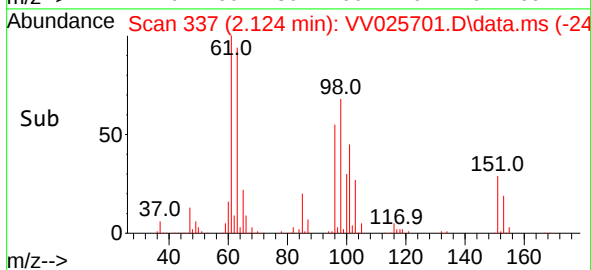
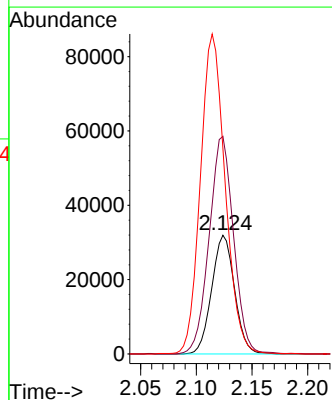
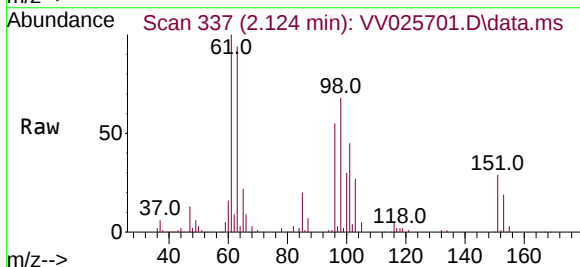
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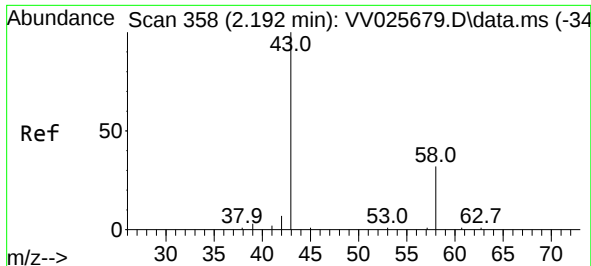
Tgt Ion:101 Resp: 43874
 Ion Ratio Lower Upper
 101 100
 85 44.4 35.9 53.9
 151 65.4 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 3.997 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. 0.003 min
 Lab File: VV025701.D
 Acq: 22 Apr 2022 23:20

Tgt Ion: 96 Resp: 45542
 Ion Ratio Lower Upper
 96 100
 61 183.3 125.2 232.4
 63 173.0 114.4 212.4





#13

Acetone

Concen: 60.879 ug/L

RT: 2.191 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV025701.D

Acq: 22 Apr 2022 23:20

Instrument :

MSVOA_V

ClientSampleId :

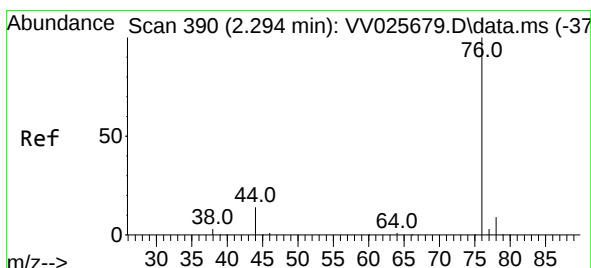
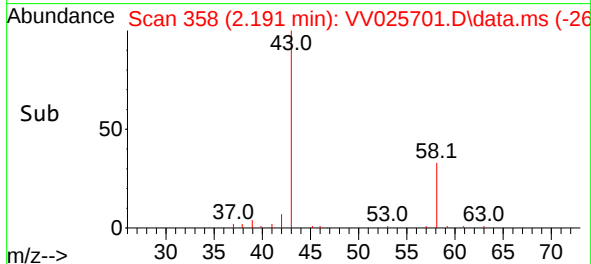
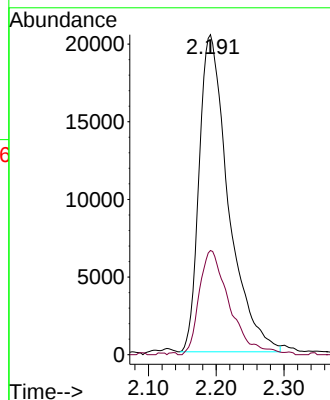
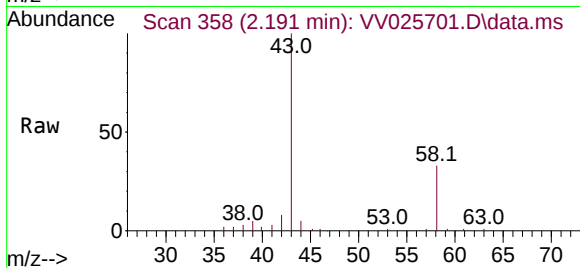
VSTD005391

Tgt Ion: 43 Resp: 61391

Ion Ratio Lower Upper

43 100

58 33.9 0.0 72.2



#14

Carbon disulfide

Concen: 3.502 ug/L

RT: 2.301 min Scan# 392

Delta R.T. 0.003 min

Lab File: VV025701.D

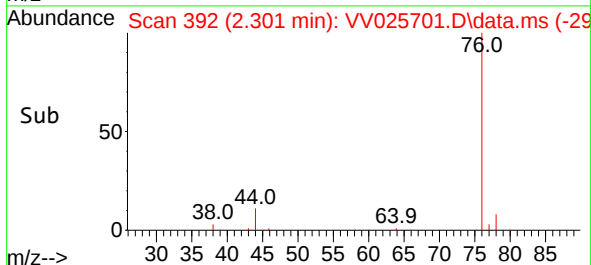
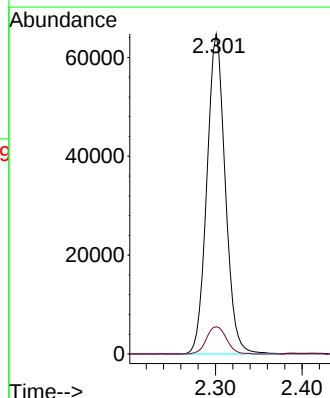
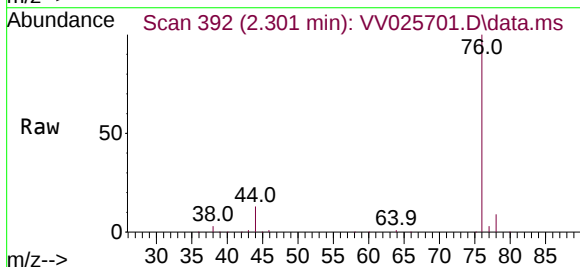
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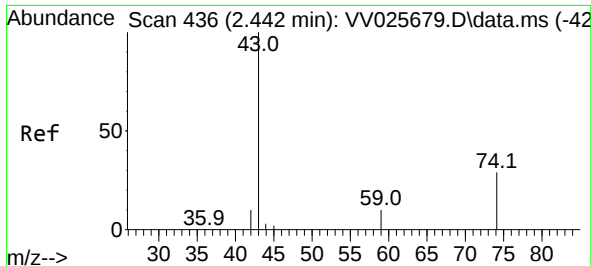
Tgt Ion: 76 Resp: 95507

Ion Ratio Lower Upper

76 100

78 8.5 7.3 10.9





#15

Methyl Acetate

Concen: 6.790 ug/L

RT: 2.445 min Scan# 41

Delta R.T. 0.006 min

Lab File: VV025701.D

Acq: 22 Apr 2022 23:20

Instrument :

MSVOA_V

ClientSampleId :

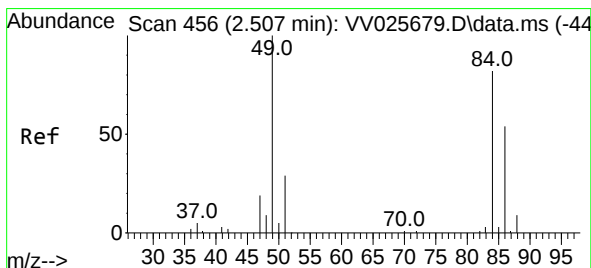
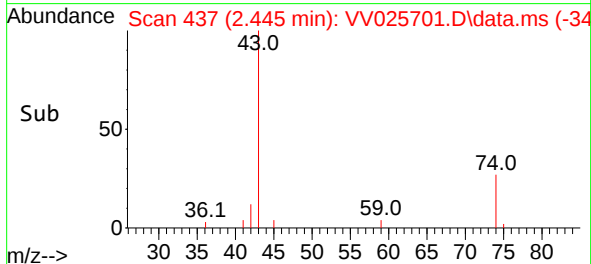
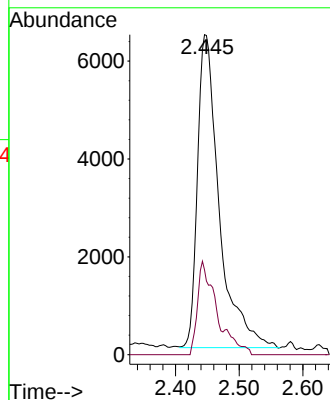
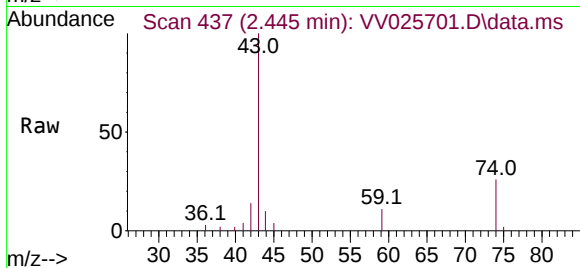
VSTD005391

Tgt Ion: 43 Resp: 15218

Ion Ratio Lower Upper

43 100

74 22.1 25.2 37.8#



#16

Methylene chloride

Concen: 4.520 ug/L

RT: 2.513 min Scan# 458

Delta R.T. 0.006 min

Lab File: VV025701.D

Acq: 22 Apr 2022 23:20

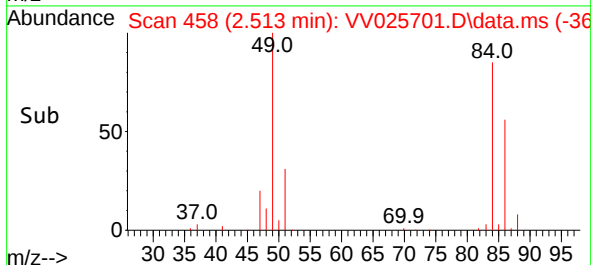
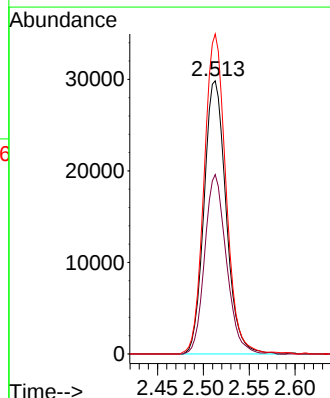
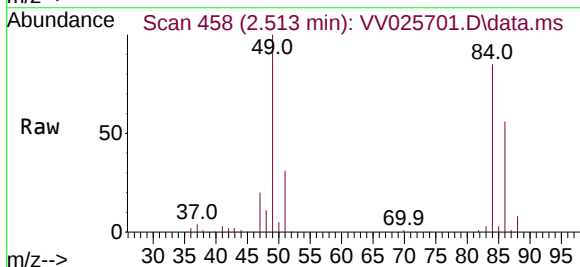
Tgt Ion: 84 Resp: 49935

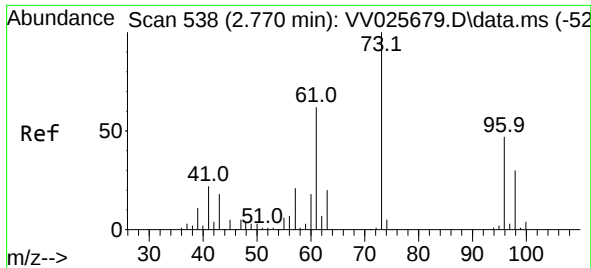
Ion Ratio Lower Upper

84 100

86 65.7 45.9 85.3

49 117.2 76.6 142.3

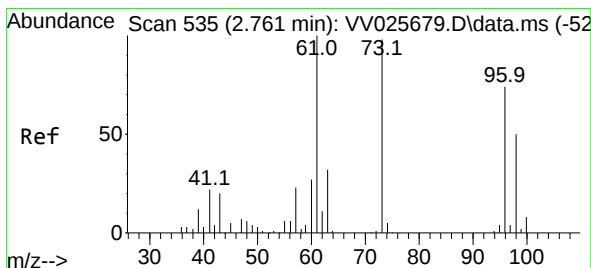
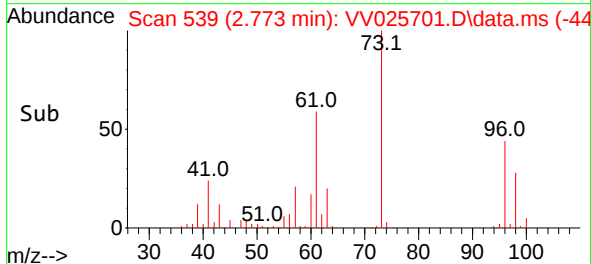
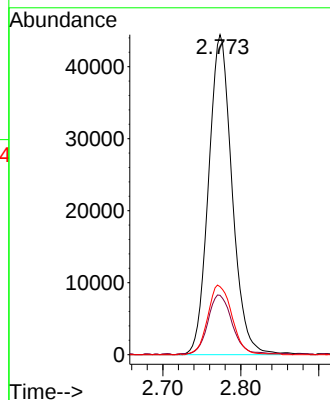
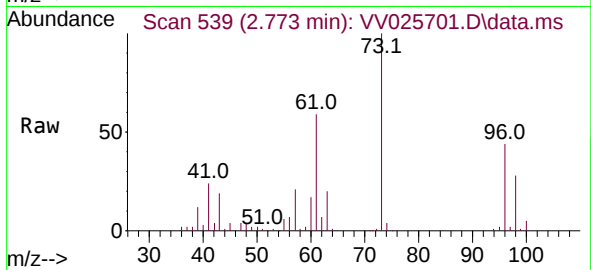




#17
Methyl tert-butyl Ether
Concen: 5.272 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV025701.D
Acq: 22 Apr 2022 23:20

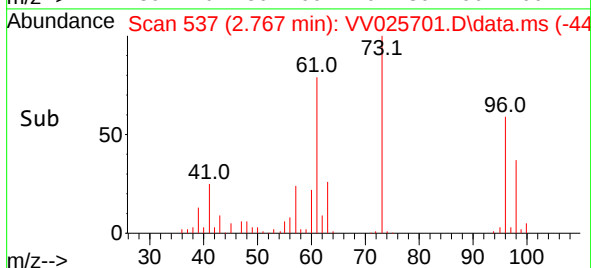
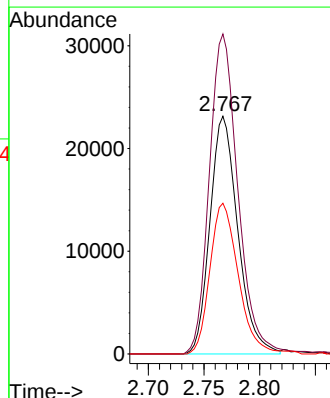
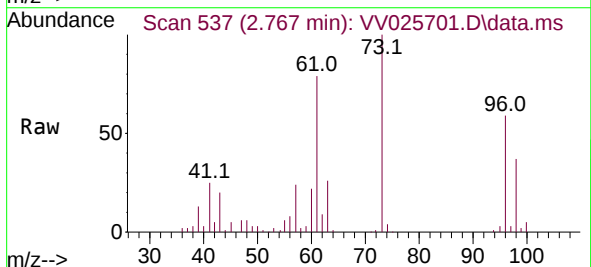
Instrument :
MSVOA_V
ClientSampleId :
VSTD005391

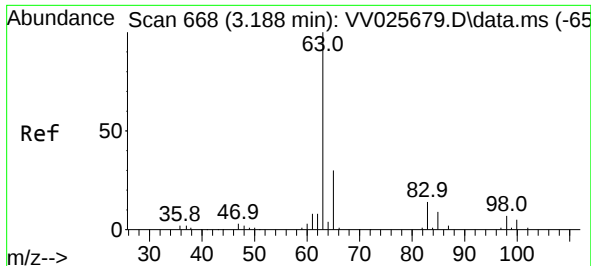
Tgt Ion: 73 Resp: 92952
Ion Ratio Lower Upper
73 100
43 19.6 14.2 21.4
57 22.5 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 4.220 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.006 min
Lab File: VV025701.D
Acq: 22 Apr 2022 23:20

Tgt Ion: 96 Resp: 40293
Ion Ratio Lower Upper
96 100
61 134.6 92.1 171.1
98 63.4 47.5 88.1





#19

1,1-Dichloroethane

Concen: 5.395 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.006 min

Lab File: VV025701.D

Acq: 22 Apr 2022 23:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD005391

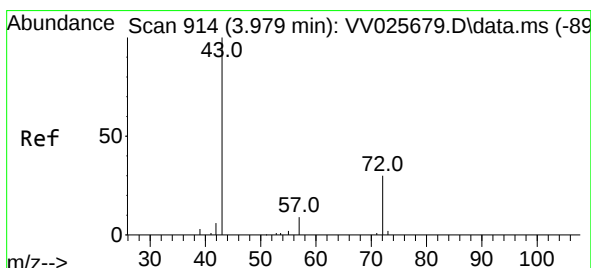
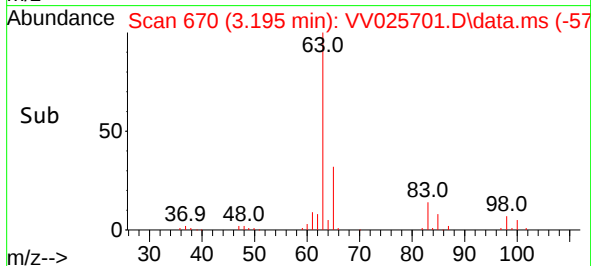
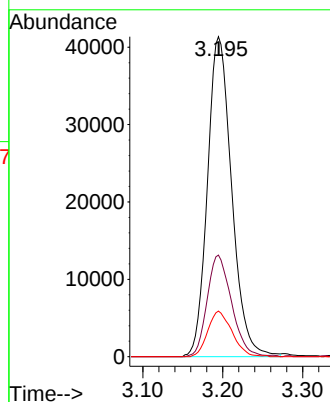
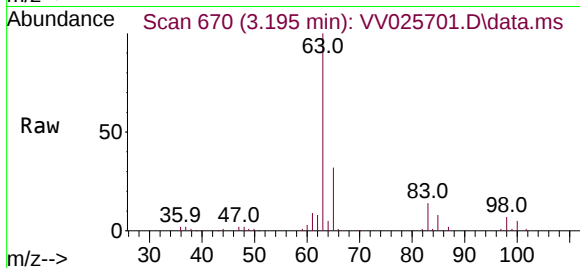
Tgt Ion: 63 Resp: 87250

Ion Ratio Lower Upper

63 100

65 31.7 23.2 43.0

83 14.2 9.0 16.8



#21

2-Butanone

Concen: 64.816 ug/L

RT: 3.982 min Scan# 915

Delta R.T. 0.013 min

Lab File: VV025701.D

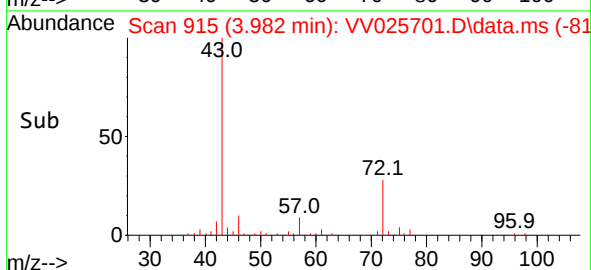
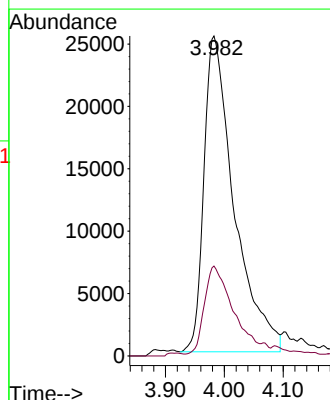
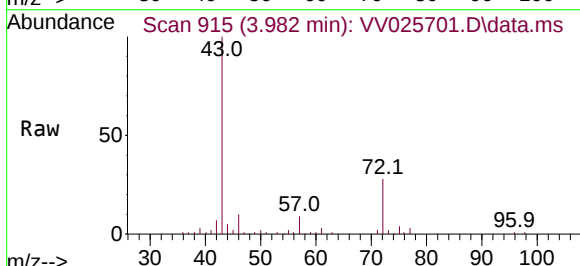
Acq: 22 Apr 2022 23:20

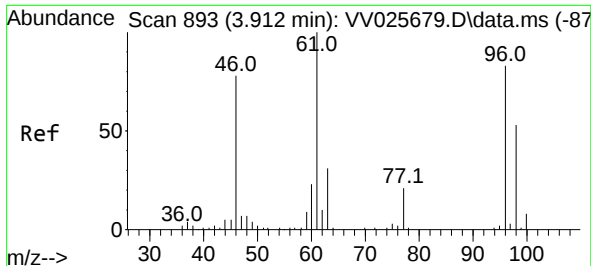
Tgt Ion: 43 Resp: 90315

Ion Ratio Lower Upper

43 100

72 26.4 15.2 45.6





#22

cis-1,2-Dichloroethene

Concen: 4.832 ug/L

RT: 3.915 min Scan# 893

Delta R.T. 0.003 min

Lab File: VV025701.D

Acq: 22 Apr 2022 23:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD005391

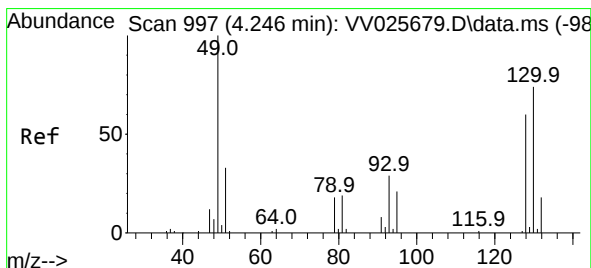
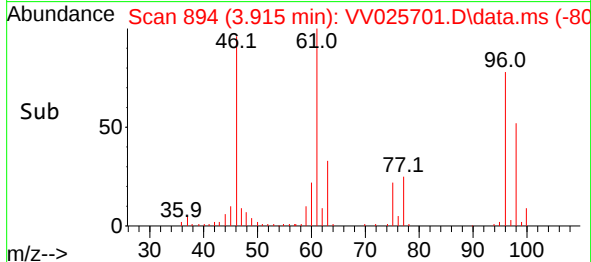
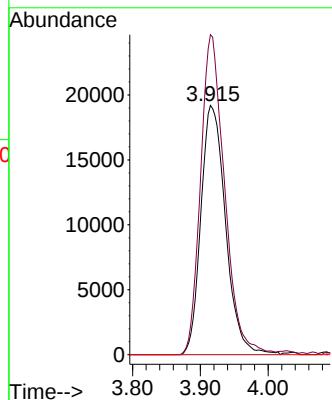
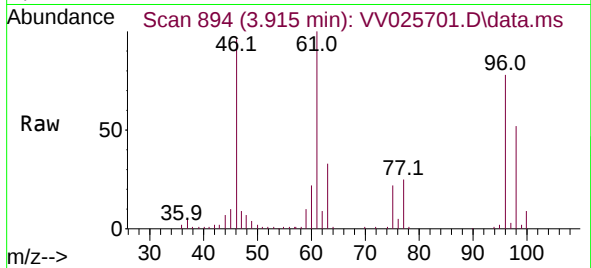
Tgt Ion: 96 Resp: 48568

Ion Ratio Lower Upper

96 100

61 128.4 80.0 148.6

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 4.952 ug/L

RT: 4.252 min Scan# 999

Delta R.T. 0.006 min

Lab File: VV025701.D

Acq: 22 Apr 2022 23:20

Tgt Ion: 128 Resp: 20667

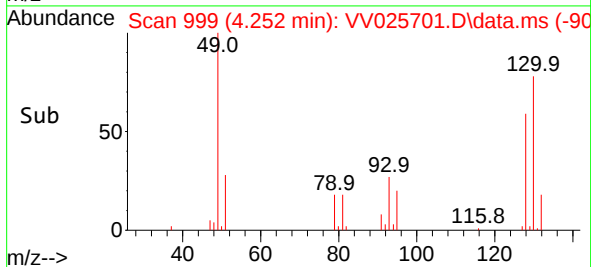
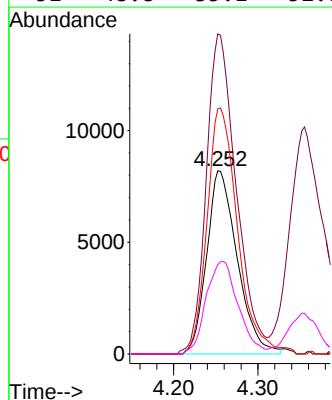
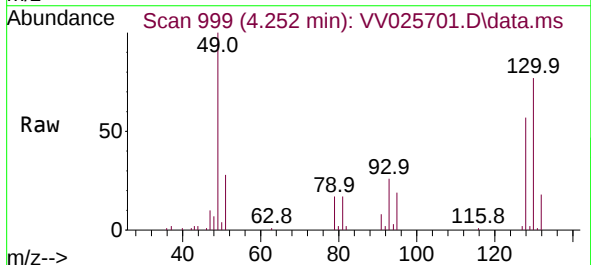
Ion Ratio Lower Upper

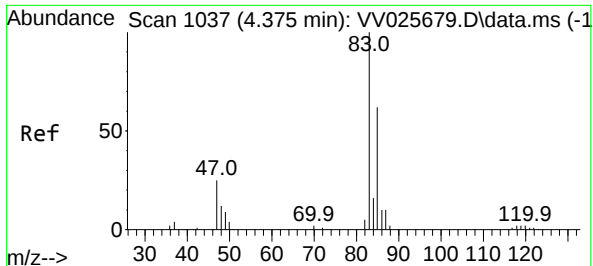
128 100

49 174.6 100.5 186.7

130 133.8 87.8 163.0

51 48.8 35.1 52.7





#25

Chloroform

Concen: 5.376 ug/L

RT: 4.378 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VV025701.D

Acq: 22 Apr 2022 23:20

Instrument :

MSVOA_V

ClientSampleId :

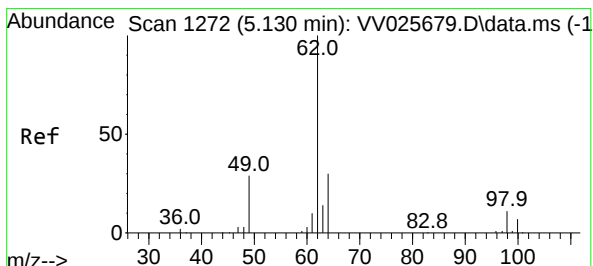
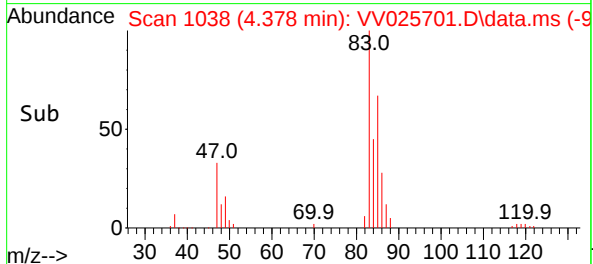
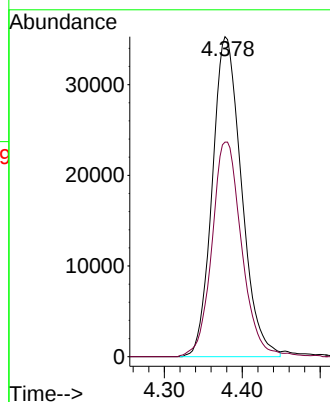
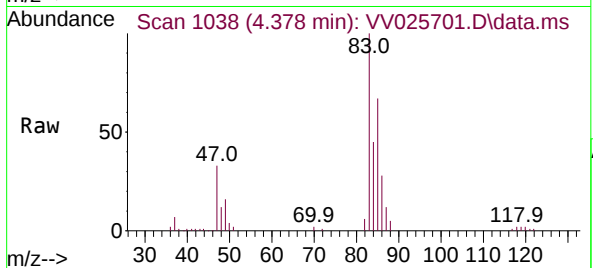
VSTD005391

Tgt Ion: 83 Resp: 91770

Ion Ratio Lower Upper

83 100

85 67.1 43.5 80.7



#27

1,2-Dichloroethane

Concen: 5.731 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VV025701.D

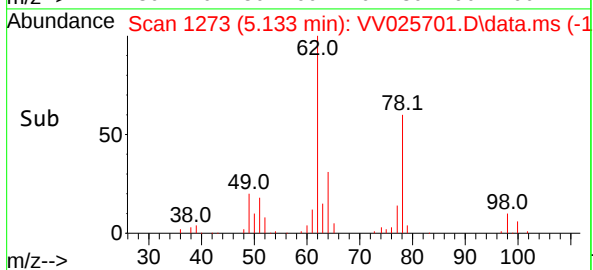
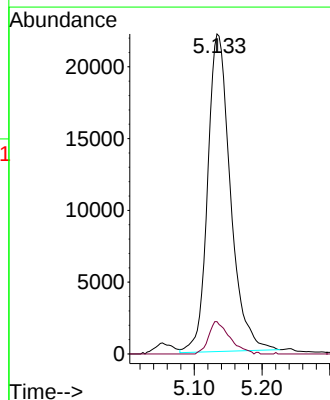
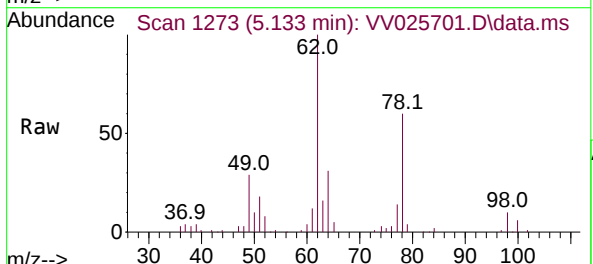
Acq: 22 Apr 2022 23:20

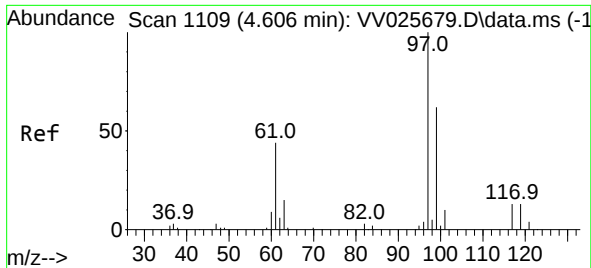
Tgt Ion: 62 Resp: 51620

Ion Ratio Lower Upper

62 100

98 10.1 8.8 13.2

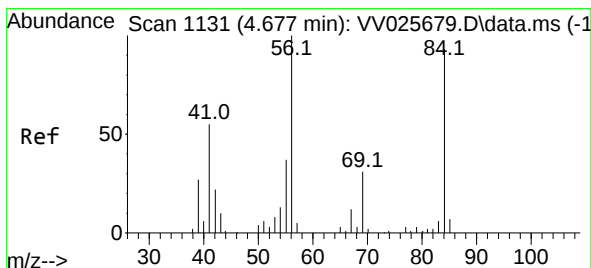
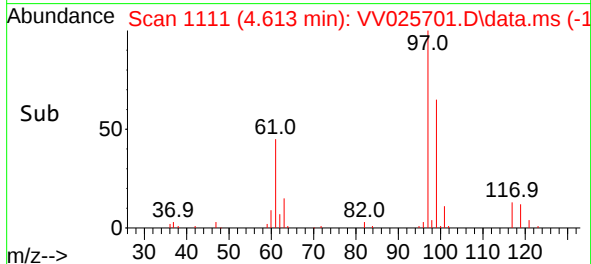
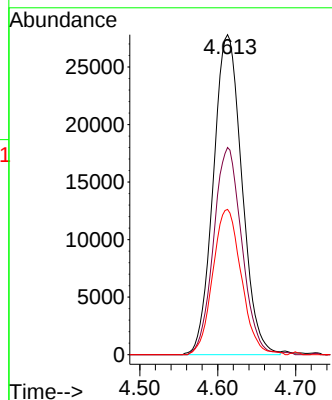
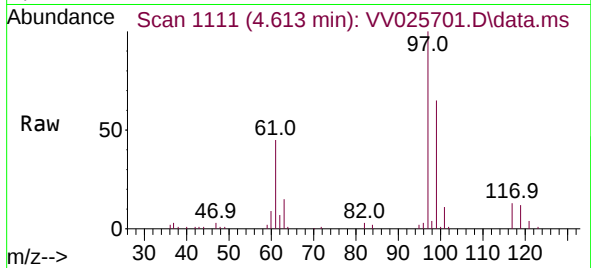




#29
1,1,1-Trichloroethane
Concen: 4.480 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VV025701.D
Acq: 22 Apr 2022 23:20

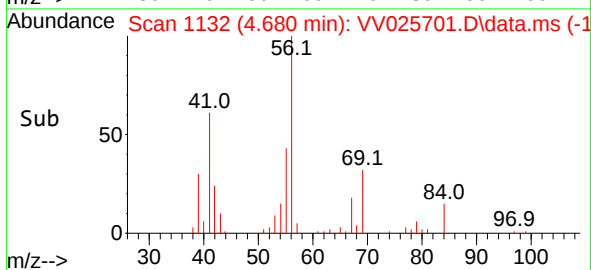
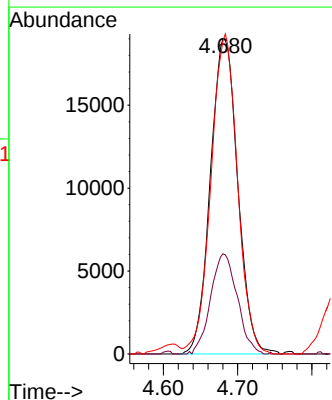
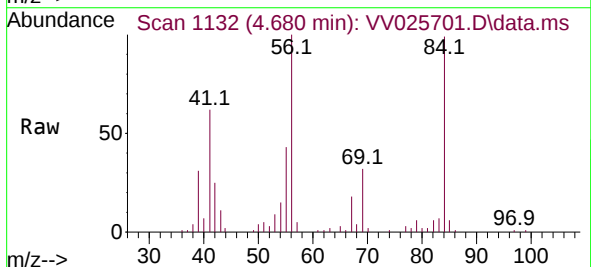
Instrument :
MSVOA_V
ClientSampleId :
VSTD005391

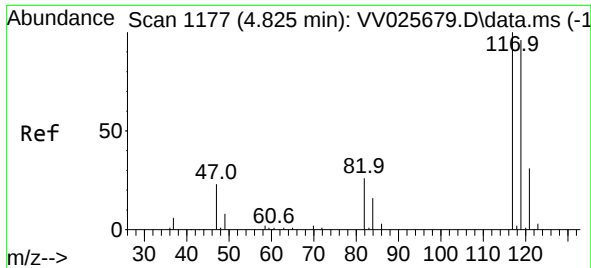
Tgt Ion: 97	Resp: 70852
Ion Ratio	Lower Upper
97 100	
99 64.2	51.5 77.3
61 45.5	34.3 51.5



#30
Cyclohexane
Concen: 3.389 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VV025701.D
Acq: 22 Apr 2022 23:20

Tgt Ion: 56	Resp: 48726
Ion Ratio	Lower Upper
56 100	
69 30.9	26.1 39.1
84 98.3	78.6 118.0

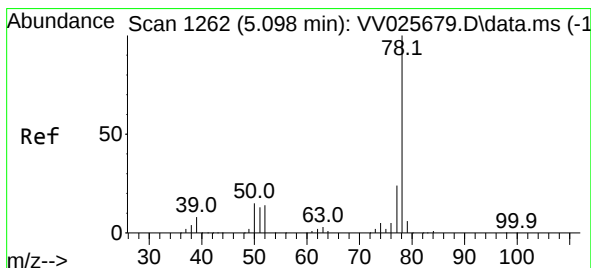
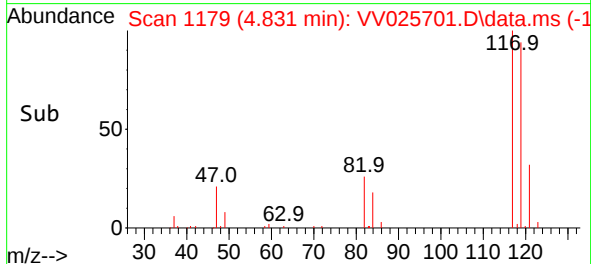
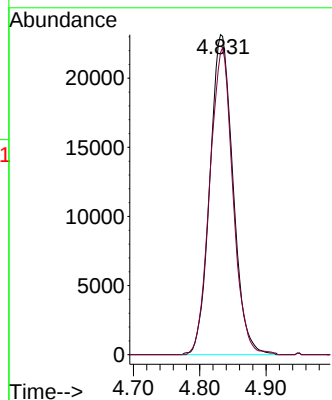
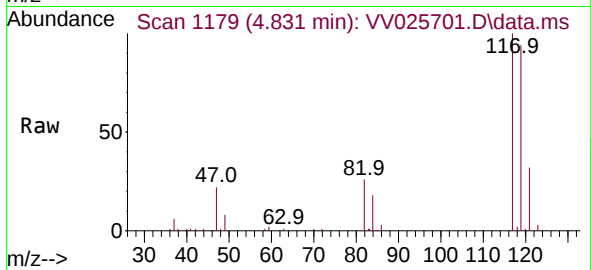




#31
Carbon tetrachloride
Concen: 4.194 ug/L
RT: 4.831 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VV025701.D
Acq: 22 Apr 2022 23:20

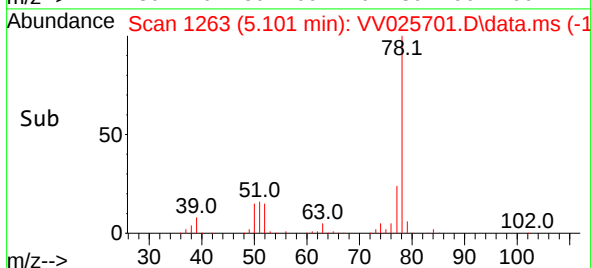
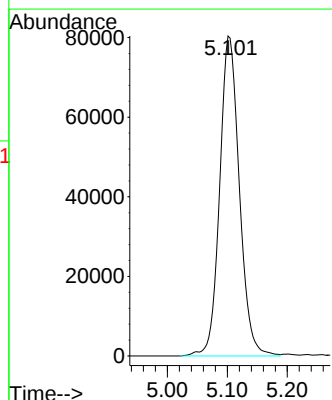
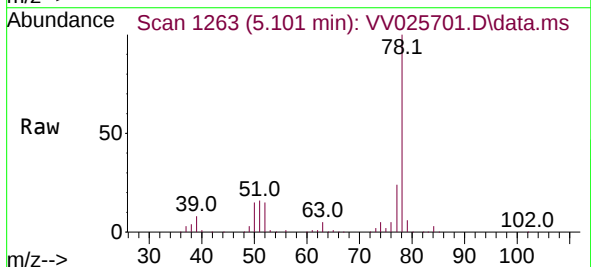
Instrument :
MSVOA_V
ClientSampleId :
VSTD005391

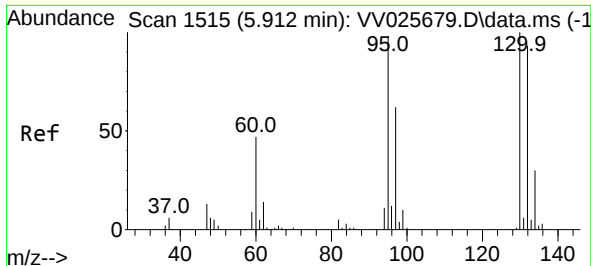
Tgt Ion:117 Resp: 56093
Ion Ratio Lower Upper
117 100
119 95.9 76.6 114.8



#33
Benzene
Concen: 4.617 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV025701.D
Acq: 22 Apr 2022 23:20

Tgt Ion: 78 Resp: 182876

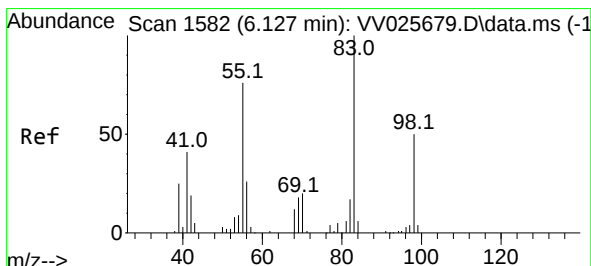
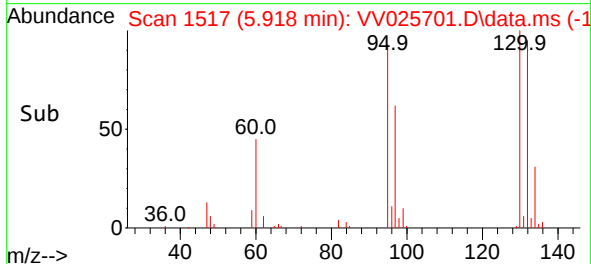
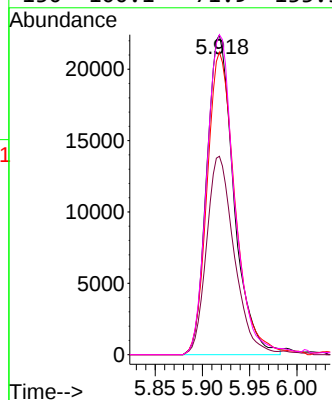
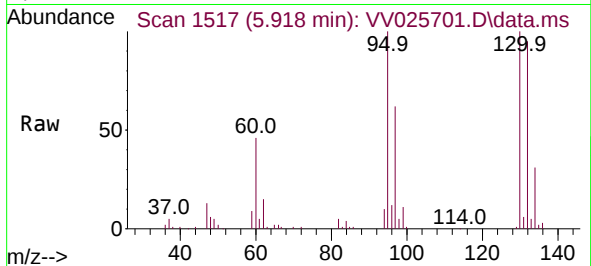




#34
Trichloroethene
Concen: 4.242 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV025701.D
Acq: 22 Apr 2022 23:20

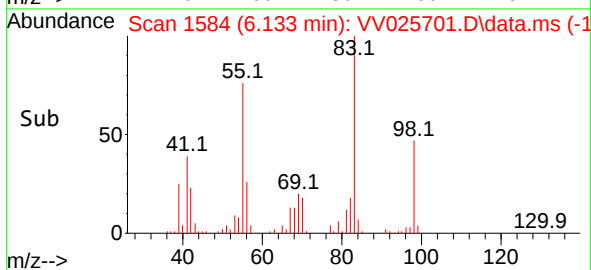
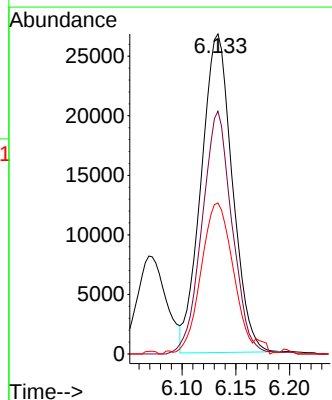
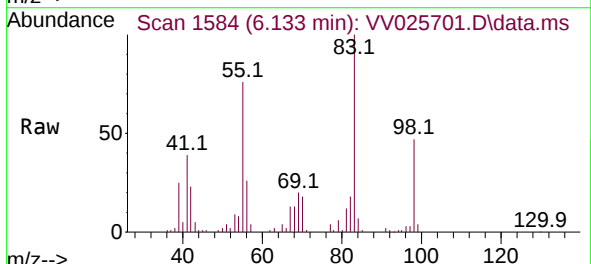
Instrument :
MSVOA_V
ClientSampleId :
VSTD005391

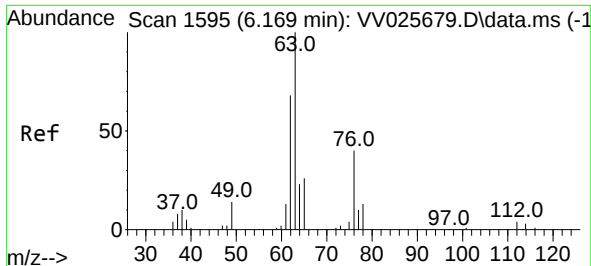
Tgt Ion: 95 Resp: 44608
Ion Ratio Lower Upper
95 100
97 62.1 45.8 85.2
132 94.7 68.0 126.4
130 100.1 71.9 133.5



#35
Methylcyclohexane
Concen: 3.214 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.006 min
Lab File: VV025701.D
Acq: 22 Apr 2022 23:20

Tgt Ion: 83 Resp: 53929
Ion Ratio Lower Upper
83 100
55 73.7 53.7 80.5
98 47.2 39.6 59.4





#37

1,2-Dichloropropane

Concen: 5.330 ug/L

RT: 6.175 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV025701.D

Acq: 22 Apr 2022 23:20

Instrument :

MSVOA_V

ClientSampleId :

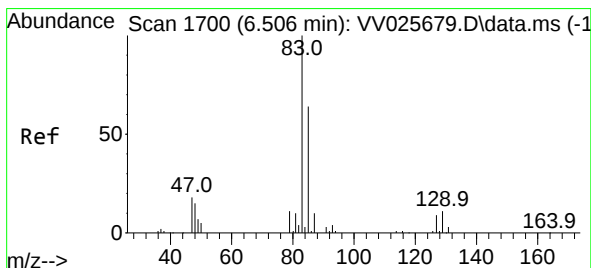
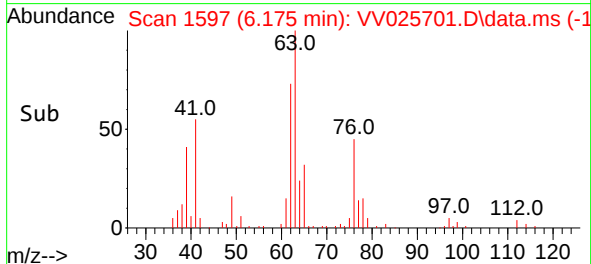
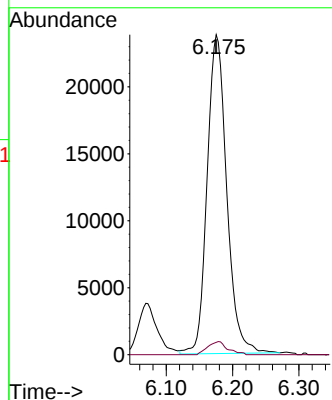
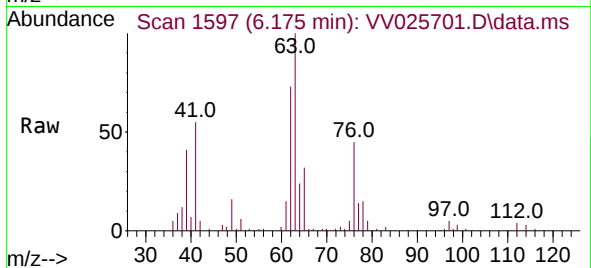
VSTD005391

Tgt Ion: 63 Resp: 48840

Ion Ratio Lower Upper

63 100

112 4.2 3.8 5.8



#38

Bromodichloromethane

Concen: 5.336 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV025701.D

Acq: 22 Apr 2022 23:20

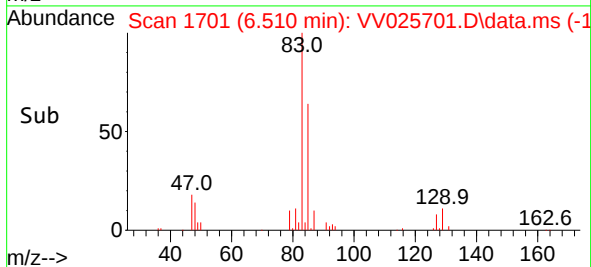
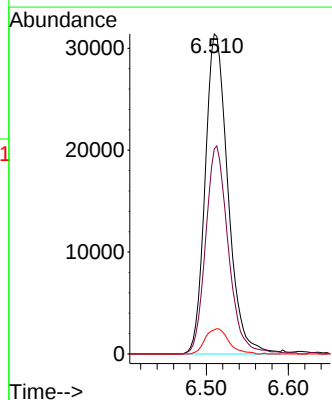
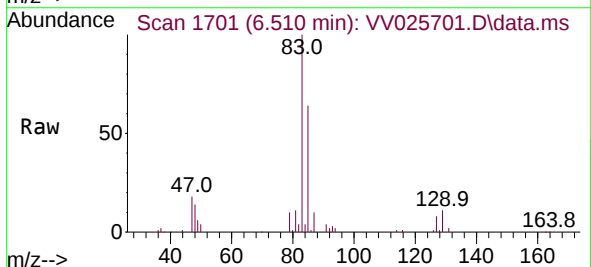
Tgt Ion: 83 Resp: 60692

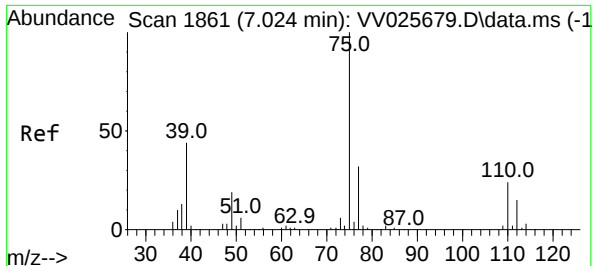
Ion Ratio Lower Upper

83 100

85 64.1 44.4 82.4

127 7.5 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.793 ug/L

RT: 7.030 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV025701.D

Acq: 22 Apr 2022 23:20

Instrument :

MSVOA_V

ClientSampleId :

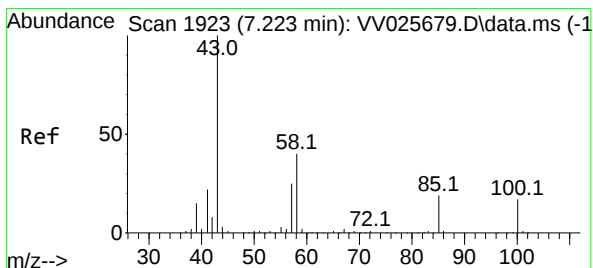
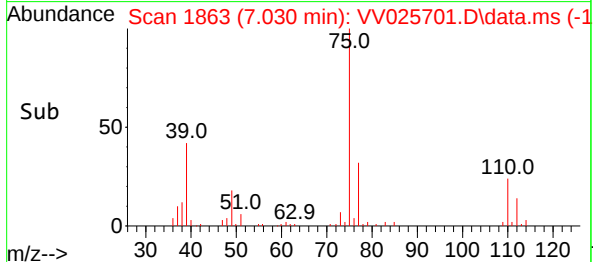
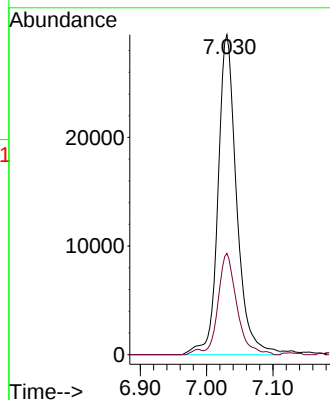
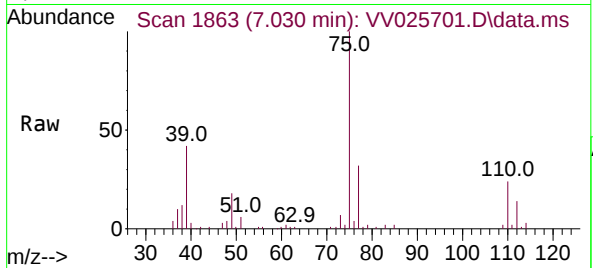
VSTD005391

Tgt Ion: 75 Resp: 57556

Ion Ratio Lower Upper

75 100

77 31.7 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 65.518 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV025701.D

Acq: 22 Apr 2022 23:20

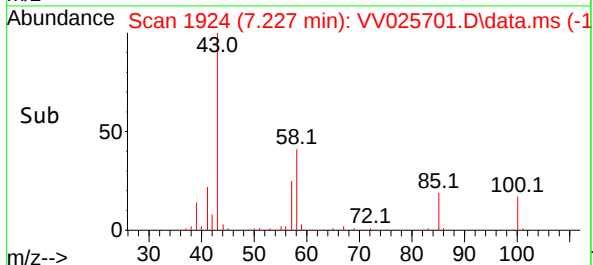
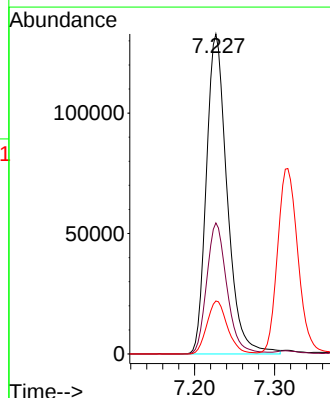
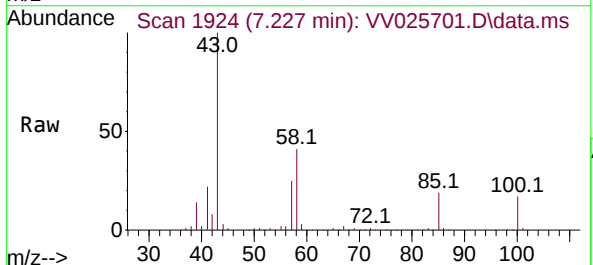
Tgt Ion: 43 Resp: 240367

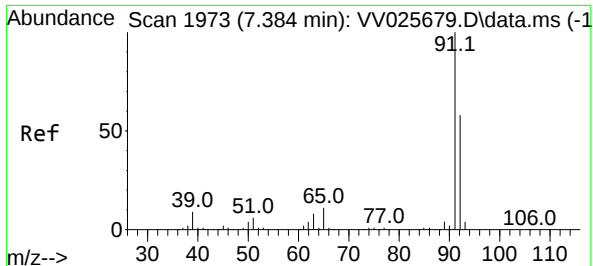
Ion Ratio Lower Upper

43 100

58 40.0 35.1 52.7

100 16.4 15.3 22.9





#42

Toluene

Concen: 4.372 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025701.D

Acq: 22 Apr 2022 23:20

Instrument :

MSVOA_V

ClientSampleId :

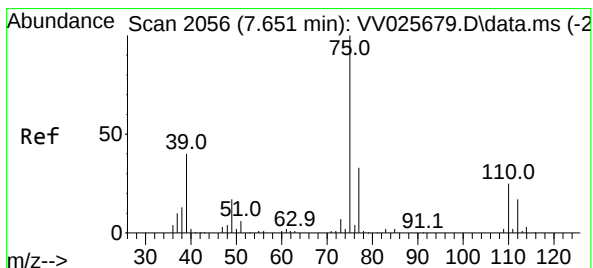
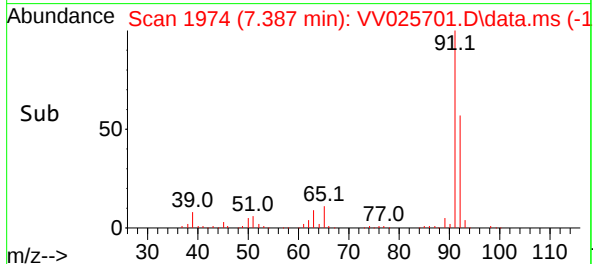
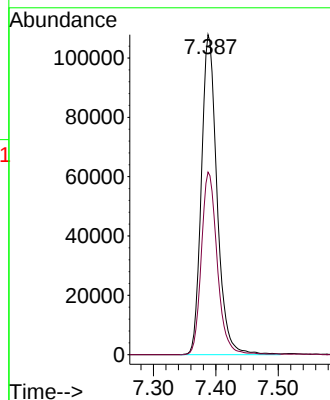
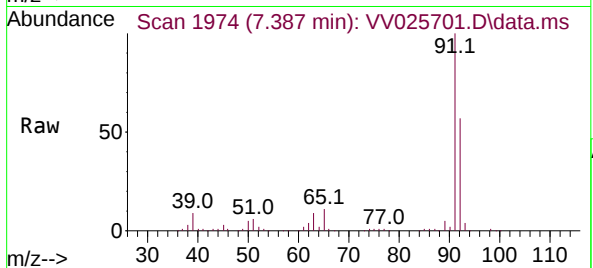
VSTD005391

Tgt Ion: 91 Resp: 188355

Ion Ratio Lower Upper

91 100

92 57.1 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.100 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VV025701.D

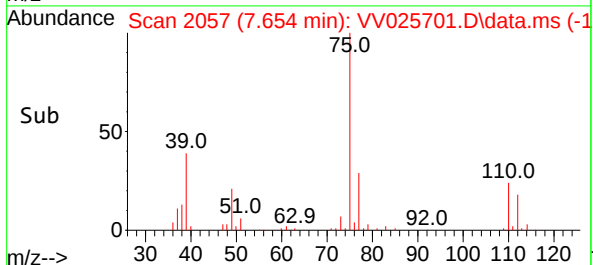
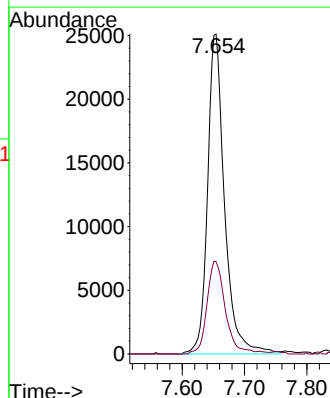
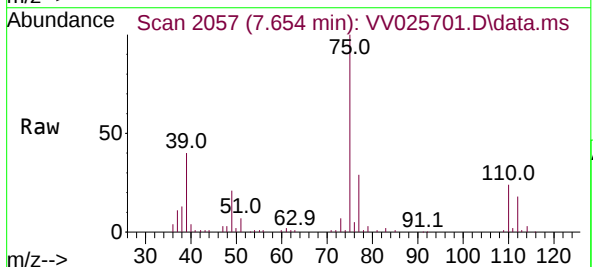
Acq: 22 Apr 2022 23:20

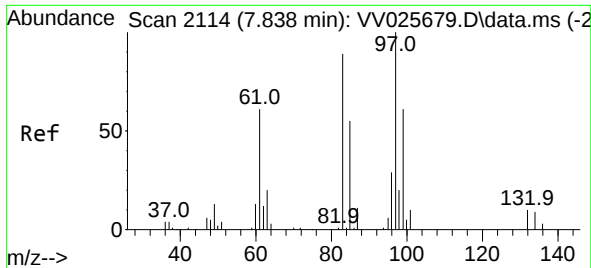
Tgt Ion: 75 Resp: 47573

Ion Ratio Lower Upper

75 100

77 28.9 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 5.285 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. 0.003 min

Lab File: VV025701.D

Acq: 22 Apr 2022 23:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD005391

Tgt Ion: 97 Resp: 32427

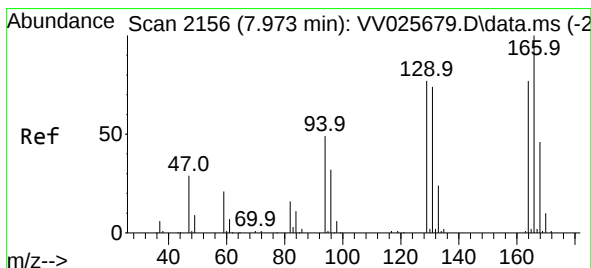
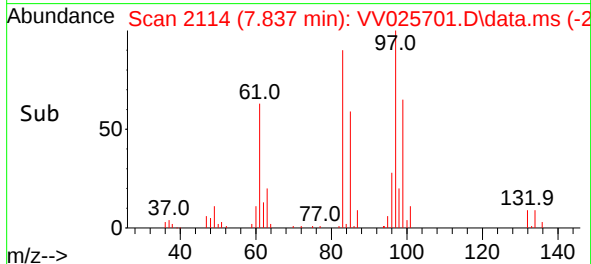
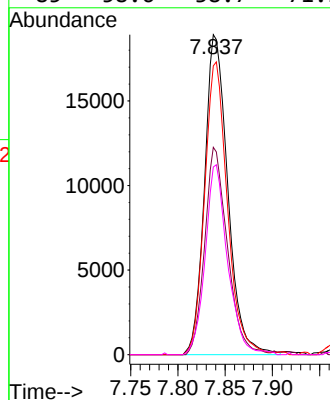
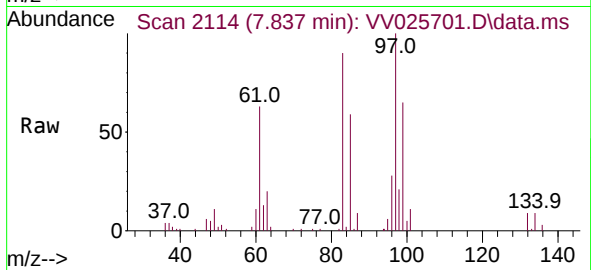
Ion Ratio Lower Upper

97 100

99 64.8 43.8 81.4

83 90.2 60.3 112.1

85 58.6 38.7 71.9



#47

Tetrachloroethene

Concen: 8.729 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025701.D

Acq: 22 Apr 2022 23:20

Tgt Ion: 164 Resp: 71869

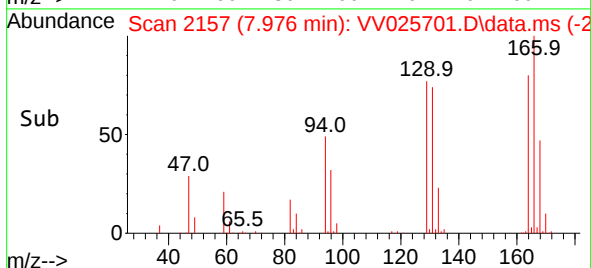
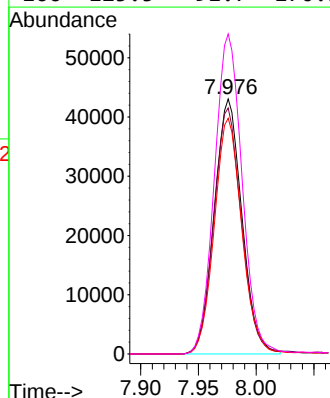
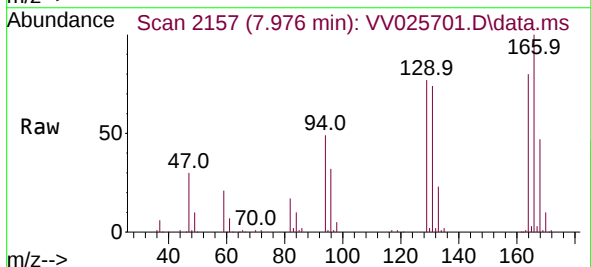
Ion Ratio Lower Upper

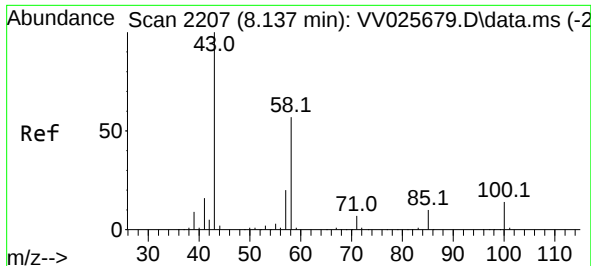
164 100

129 96.4 66.8 124.2

131 92.4 66.4 123.4

166 125.5 91.7 170.3



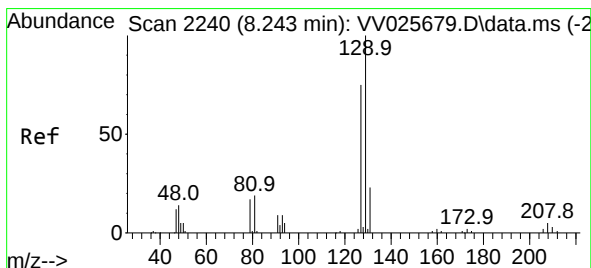
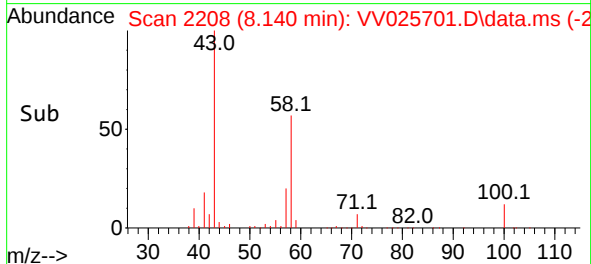
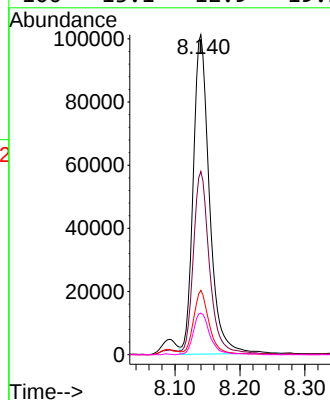
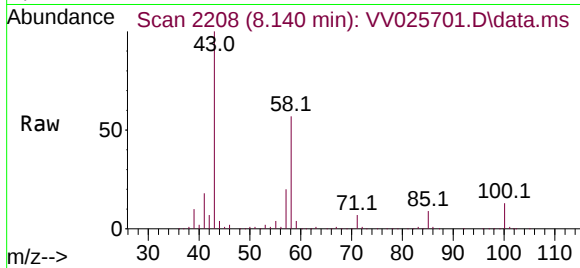


#48
2-Hexanone
Concen: 68.884 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025701.D
Acq: 22 Apr 2022 23:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD005391

Tgt Ion: 43 Resp: 176118

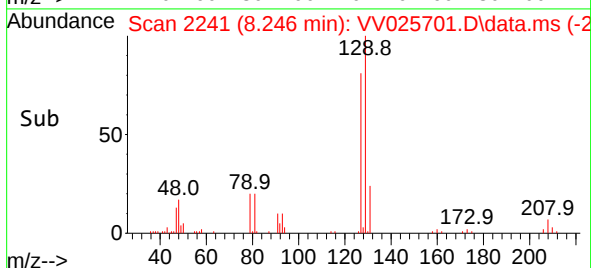
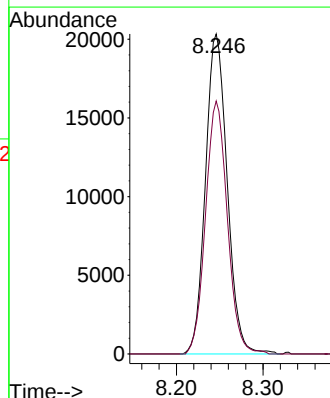
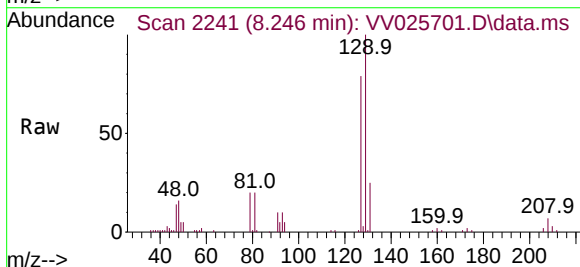
Ion	Ratio	Lower	Upper
43	100		
58	56.7	49.7	74.5
57	18.6	16.4	24.6
100	13.1	12.9	19.3

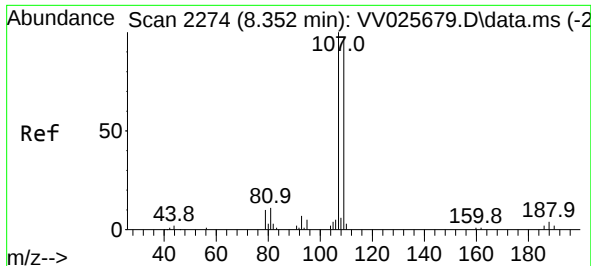


#49
Dibromochloromethane
Concen: 5.262 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV025701.D
Acq: 22 Apr 2022 23:20

Tgt Ion: 129 Resp: 35443

Ion	Ratio	Lower	Upper
129	100		
127	79.1	53.8	100.0





#50

1,2-Dibromoethane

Concen: 4.934 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV025701.D

Acq: 22 Apr 2022 23:20

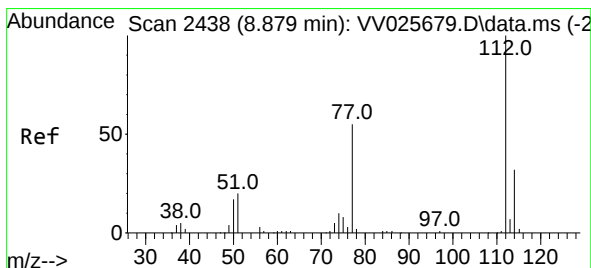
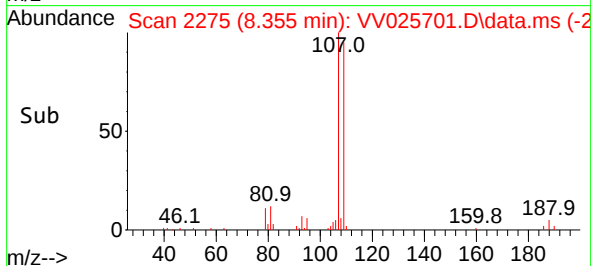
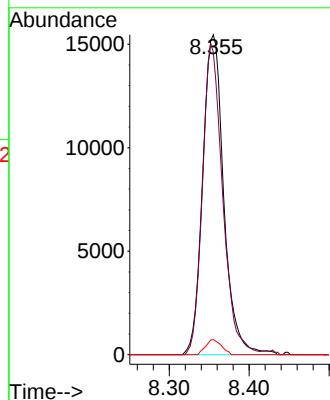
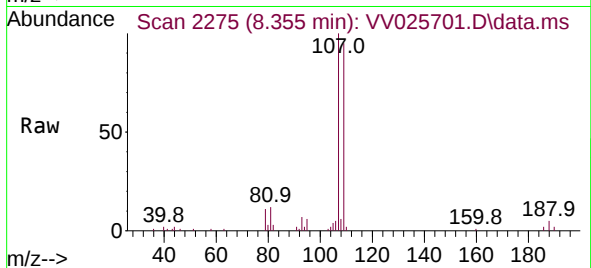
Instrument :

MSVOA_V

ClientSampleId :

VSTD005391

Tgt Ion:	107	Resp:	28435
Ion	Ratio	Lower	Upper
107	100		
109	94.6	65.9	122.3
188	4.7	2.7	4.1#



#51

Chlorobenzene

Concen: 4.263 ug/L

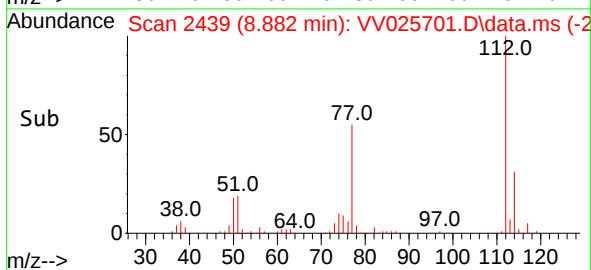
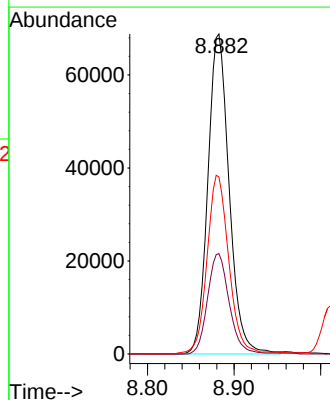
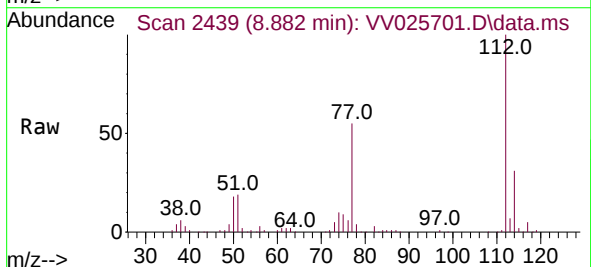
RT: 8.882 min Scan# 2439

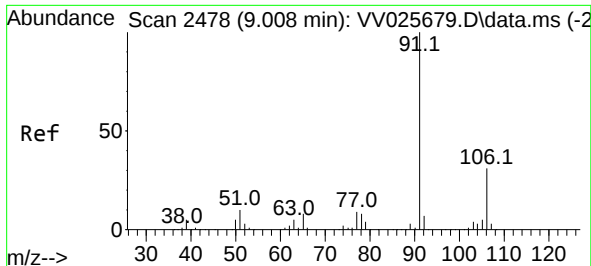
Delta R.T. 0.003 min

Lab File: VV025701.D

Acq: 22 Apr 2022 23:20

Tgt Ion:	112	Resp:	117284
Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.4	41.6
77	55.3	43.7	65.5

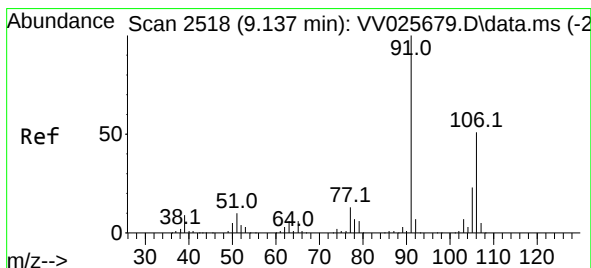
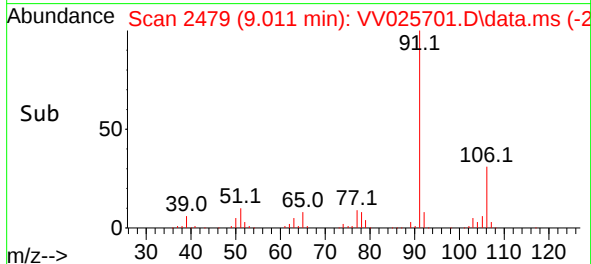
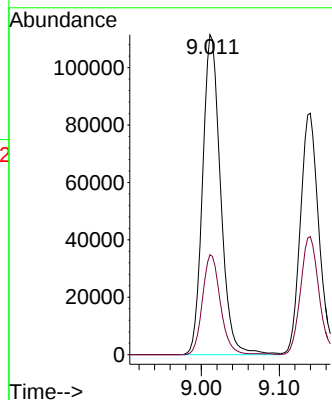
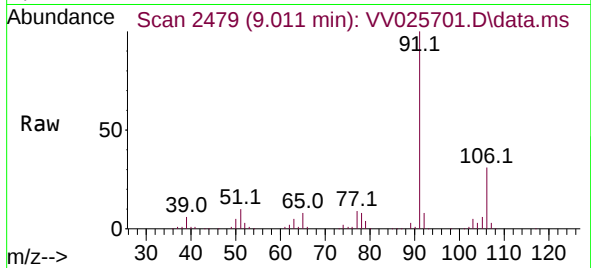




#52
Ethylbenzene
Concen: 3.889 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV025701.D
Acq: 22 Apr 2022 23:20

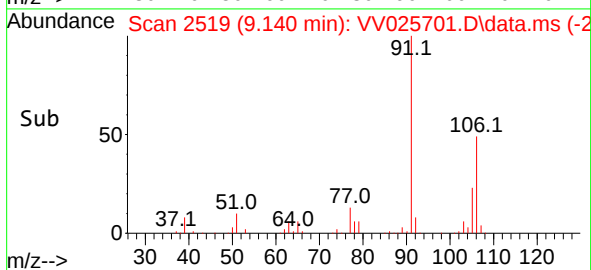
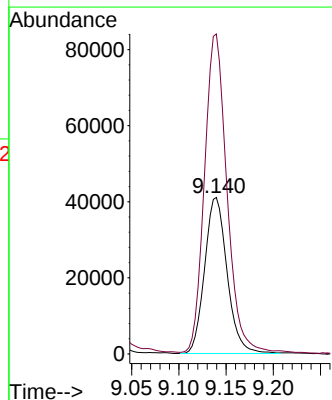
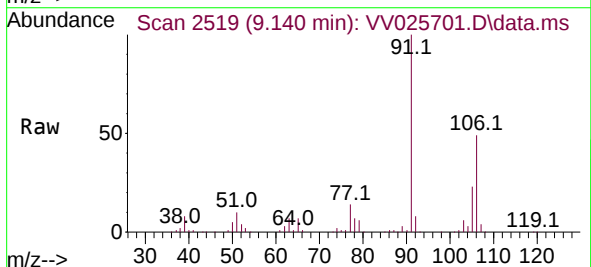
Instrument :
MSVOA_V
ClientSampleId :
VSTD005391

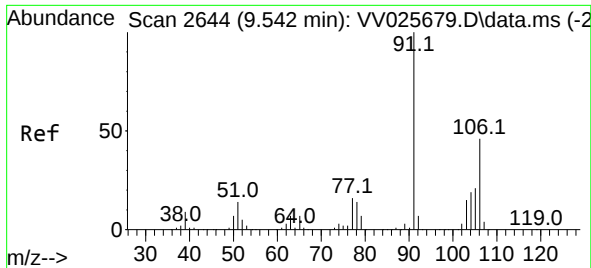
Tgt Ion: 91 Resp: 178683
Ion Ratio Lower Upper
91 100
106 31.3 22.3 41.3



#53
m,p-Xylene
Concen: 3.888 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV025701.D
Acq: 22 Apr 2022 23:20

Tgt Ion: 106 Resp: 67930
Ion Ratio Lower Upper
106 100
91 204.5 136.4 253.4

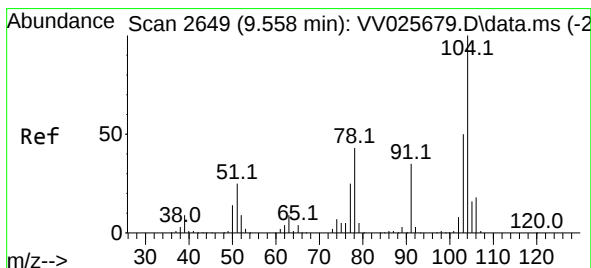
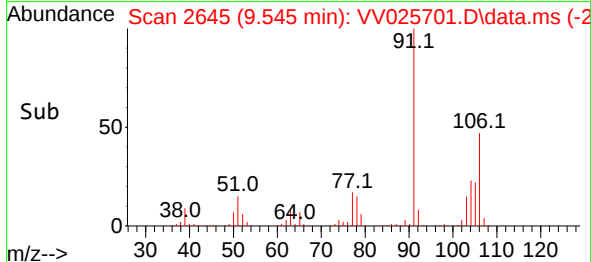
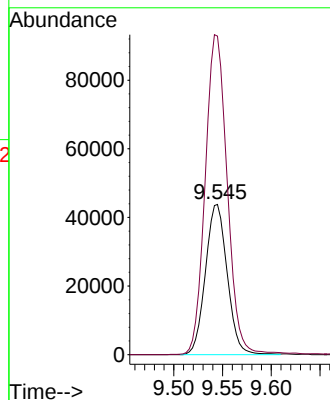
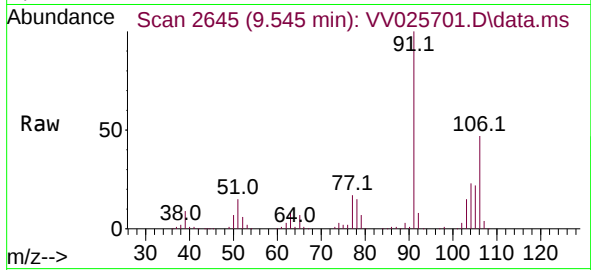




#54
o-Xylene
Concen: 4.013 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV025701.D
Acq: 22 Apr 2022 23:20

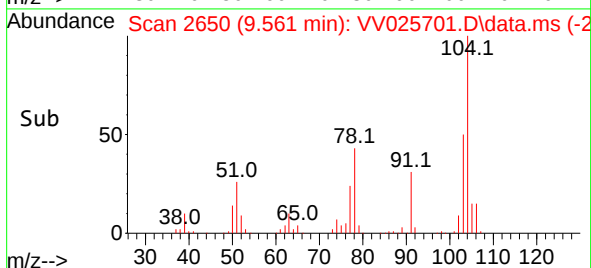
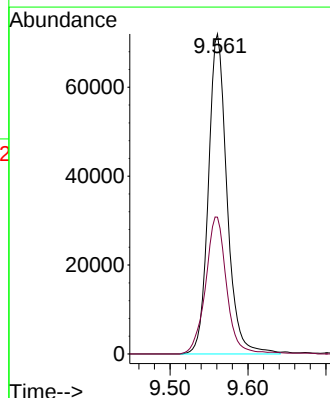
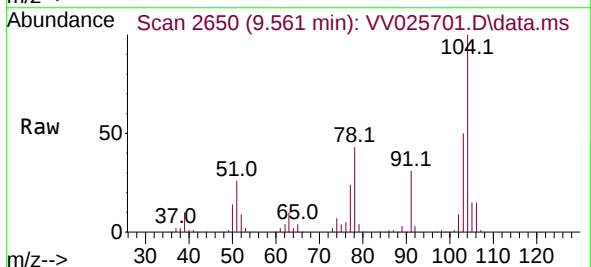
Instrument :
MSVOA_V
ClientSampleId :
VSTD005391

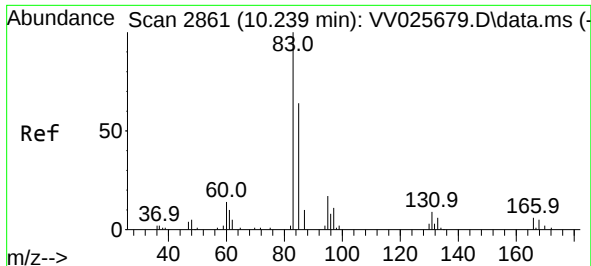
Tgt Ion:106 Resp: 68093
Ion Ratio Lower Upper
106 100
91 212.0 150.4 279.2



#55
Styrene
Concen: 4.326 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV025701.D
Acq: 22 Apr 2022 23:20

Tgt Ion:104 Resp: 119375
Ion Ratio Lower Upper
104 100
78 42.8 28.3 52.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.312 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV025701.D

Acq: 22 Apr 2022 23:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD005391

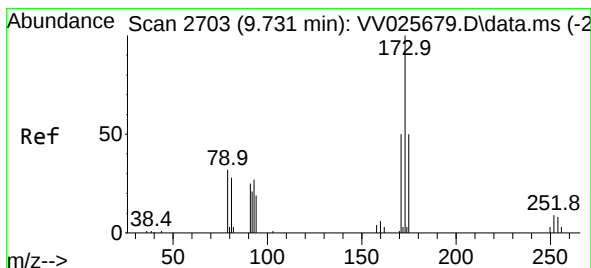
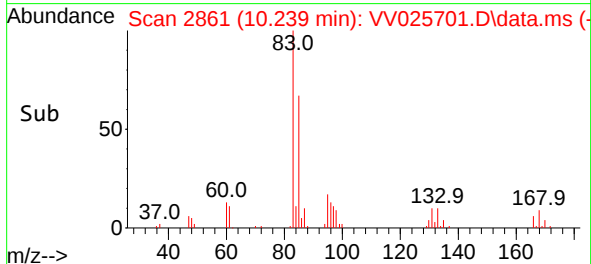
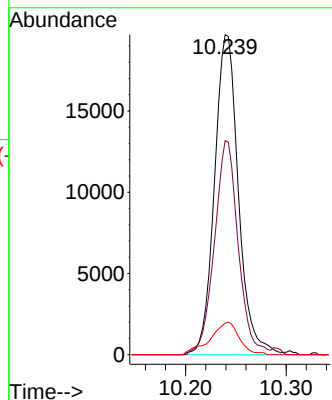
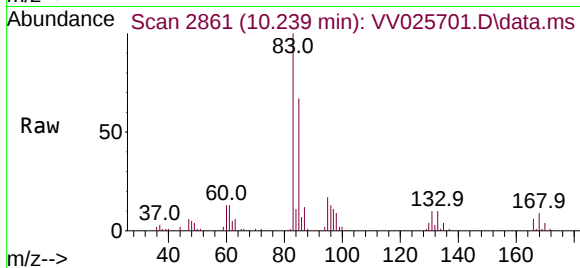
Tgt Ion: 83 Resp: 32565

Ion Ratio Lower Upper

83 100

85 66.9 45.1 83.9

131 9.9 7.9 11.9



#59

Bromoform

Concen: 5.246 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.003 min

Lab File: VV025701.D

Acq: 22 Apr 2022 23:20

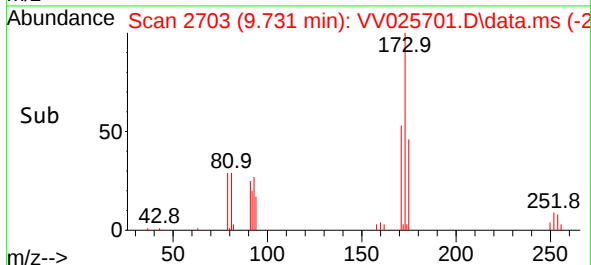
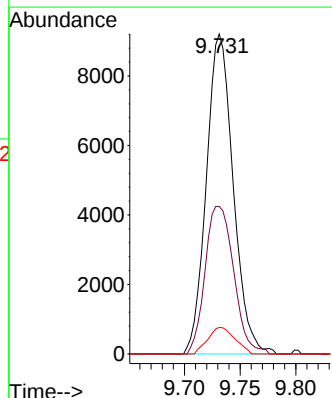
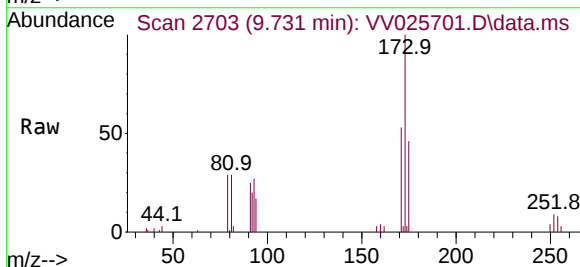
Tgt Ion: 173 Resp: 15452

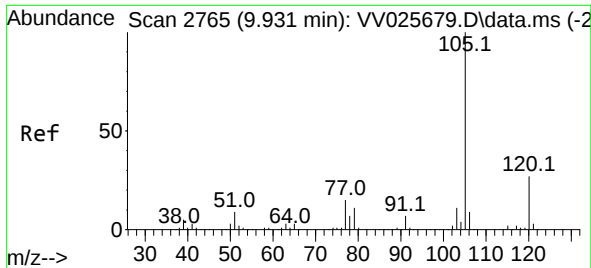
Ion Ratio Lower Upper

173 100

175 49.1 40.8 61.2

254 8.3 7.0 10.6

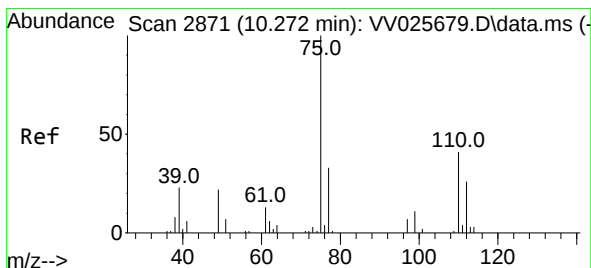
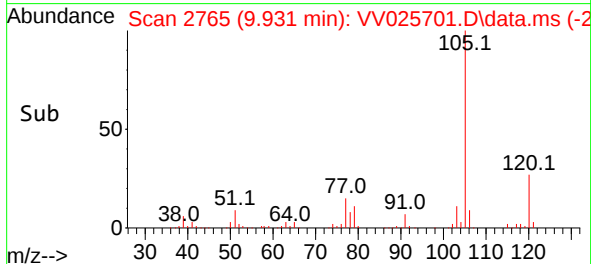
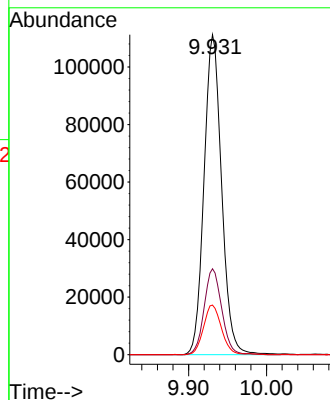
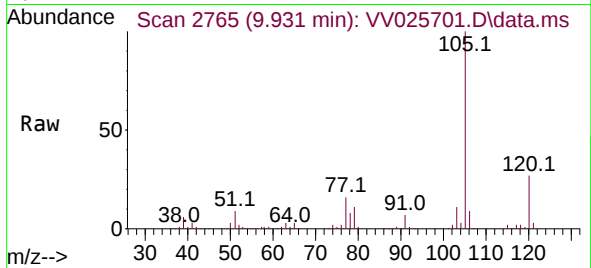




#60
Isopropylbenzene
Concen: 3.944 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV025701.D
Acq: 22 Apr 2022 23:20

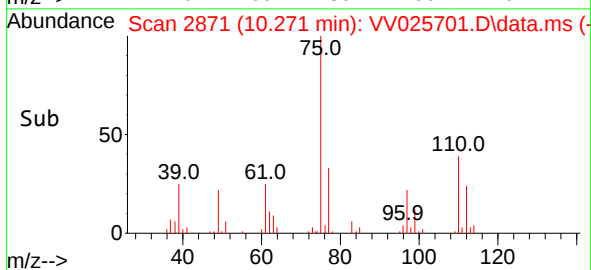
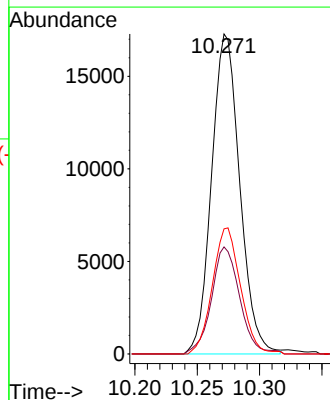
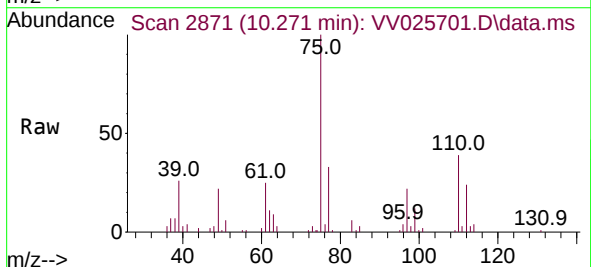
Instrument :
MSVOA_V
ClientSampleId :
VSTD005391

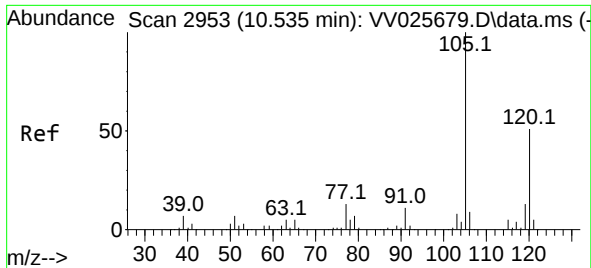
Tgt Ion:105 Resp: 174210
Ion Ratio Lower Upper
105 100
120 26.9 21.2 31.8
77 15.8 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.789 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025701.D
Acq: 22 Apr 2022 23:20

Tgt Ion: 75 Resp: 27206
Ion Ratio Lower Upper
75 100
77 33.5 25.6 38.4
110 39.4 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 3.763 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV025701.D

Acq: 22 Apr 2022 23:20

Instrument :

MSVOA_V

ClientSampleId :

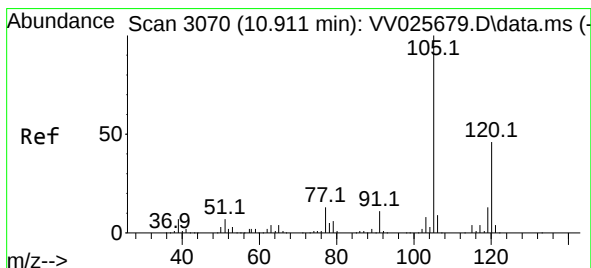
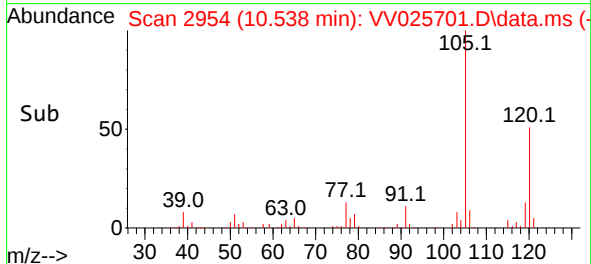
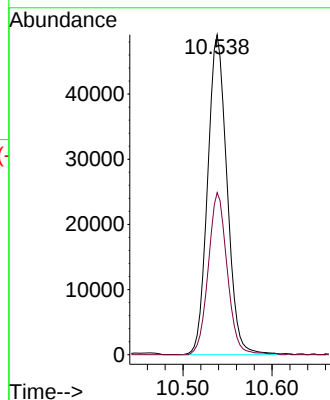
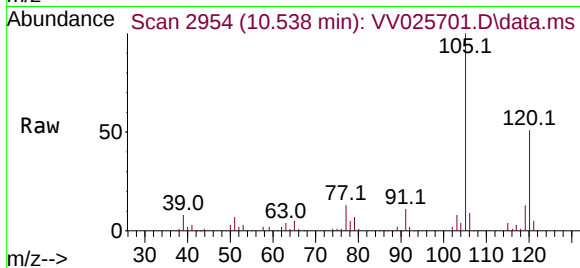
VSTD005391

Tgt Ion:105 Resp: 74115

Ion Ratio Lower Upper

105 100

120 49.5 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 3.819 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV025701.D

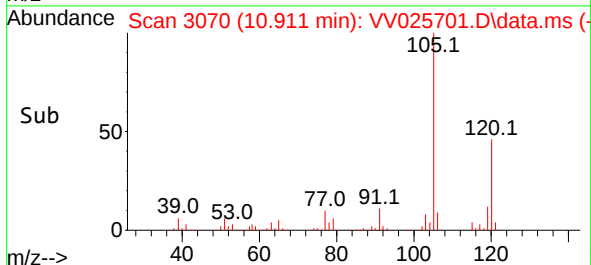
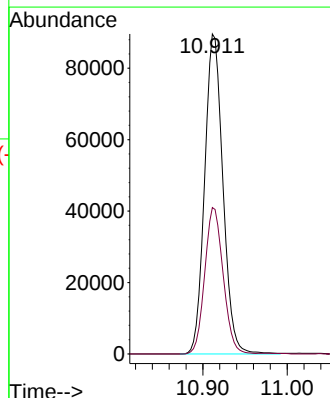
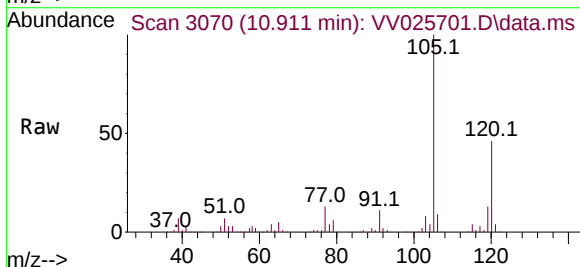
Acq: 22 Apr 2022 23:20

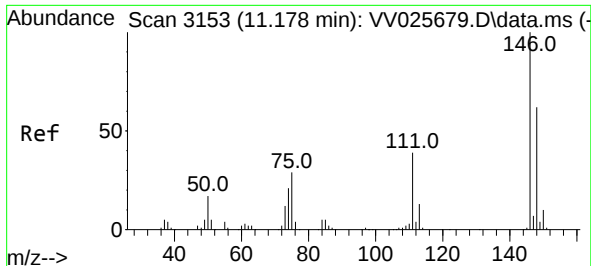
Tgt Ion:105 Resp: 135519

Ion Ratio Lower Upper

105 100

120 46.1 36.6 55.0

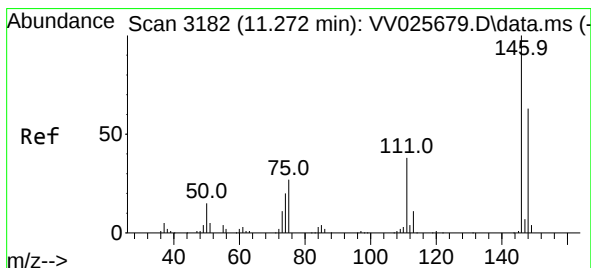
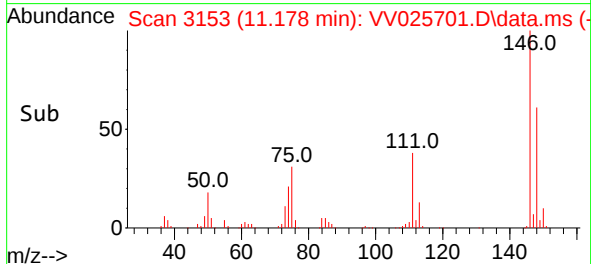
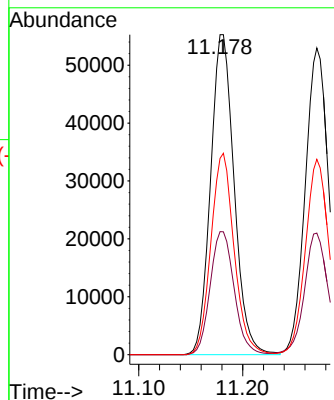
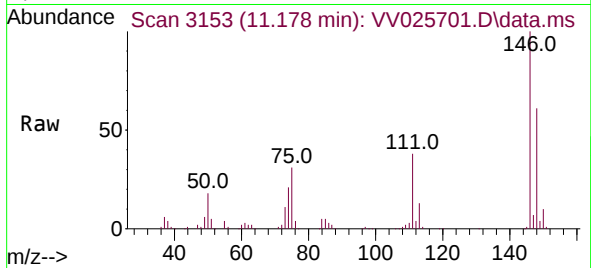




#64
1,3-Dichlorobenzene
Concen: 4.229 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025701.D
Acq: 22 Apr 2022 23:20

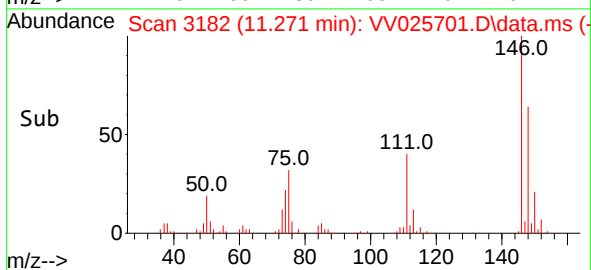
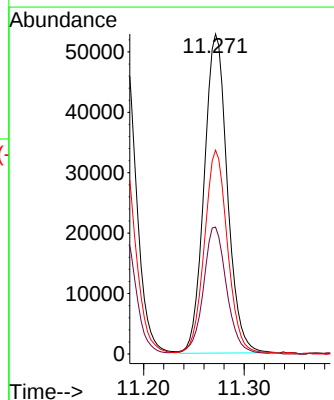
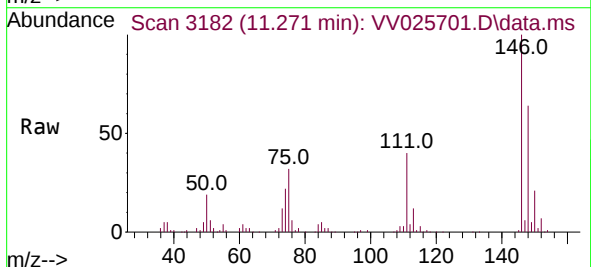
Instrument :
MSVOA_V
ClientSampleId :
VSTD005391

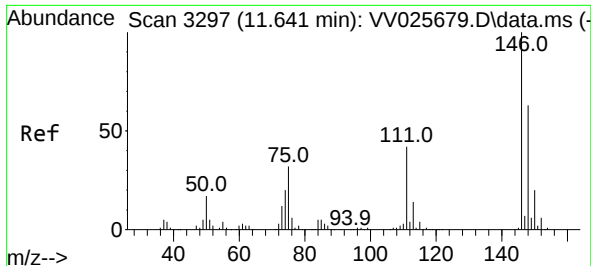
Tgt Ion:146 Resp: 87194
Ion Ratio Lower Upper
146 100
111 38.4 27.4 50.8
148 61.4 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 4.039 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV025701.D
Acq: 22 Apr 2022 23:20

Tgt Ion:146 Resp: 84526
Ion Ratio Lower Upper
146 100
111 39.6 26.7 49.7
148 63.7 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 4.356 ug/L

RT: 11.641 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV025701.D

Acq: 22 Apr 2022 23:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD005391

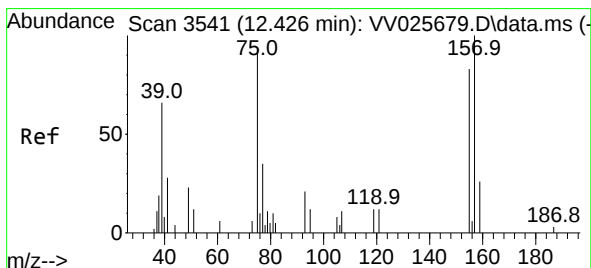
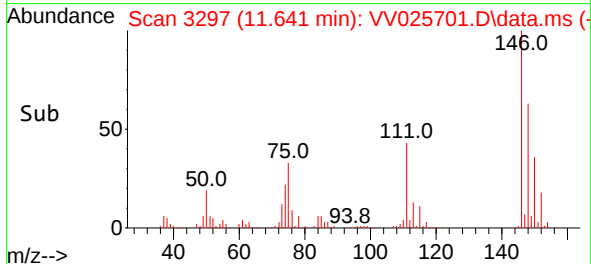
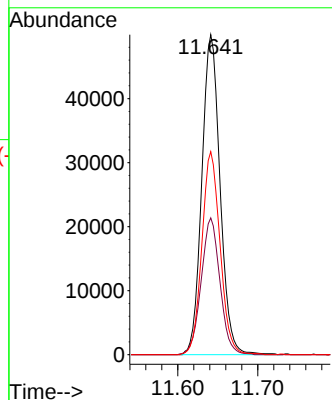
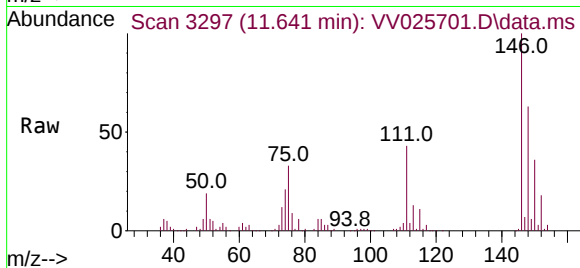
Tgt Ion:146 Resp: 79535

Ion Ratio Lower Upper

146 100

111 42.8 33.6 50.4

148 63.5 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.922 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.003 min

Lab File: VV025701.D

Acq: 22 Apr 2022 23:20

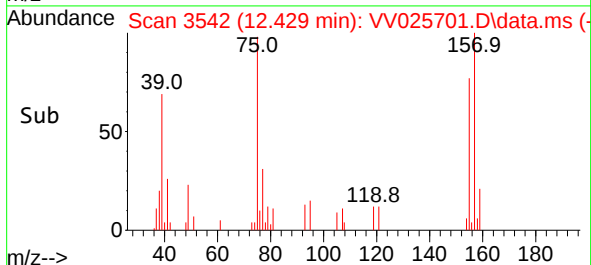
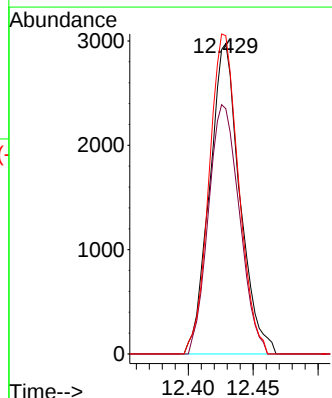
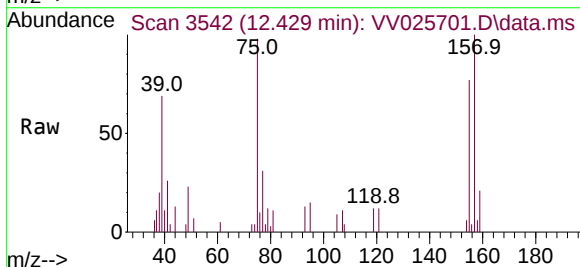
Tgt Ion: 75 Resp: 4812

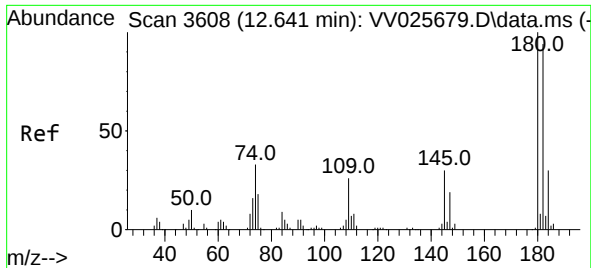
Ion Ratio Lower Upper

75 100

155 79.0 65.8 98.8

157 102.5 86.6 130.0

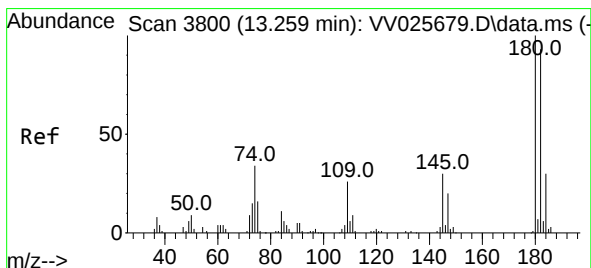
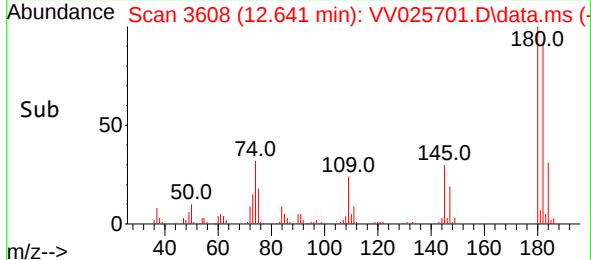
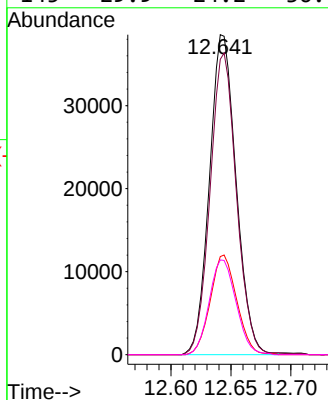
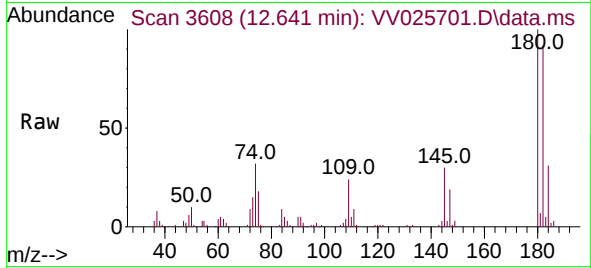




#69
 1,3,5-Trichlorobenzene
 Concen: 3.797 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. 0.000 min
 Lab File: VV025701.D
 Acq: 22 Apr 2022 23:20

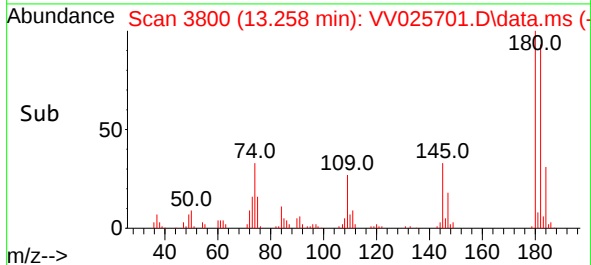
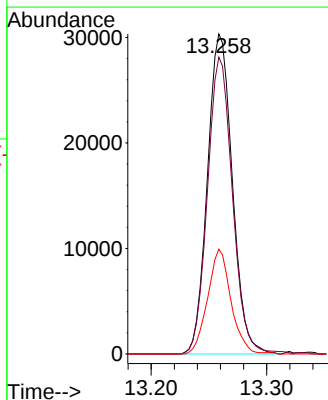
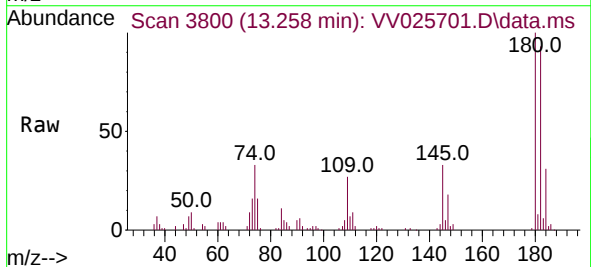
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005391

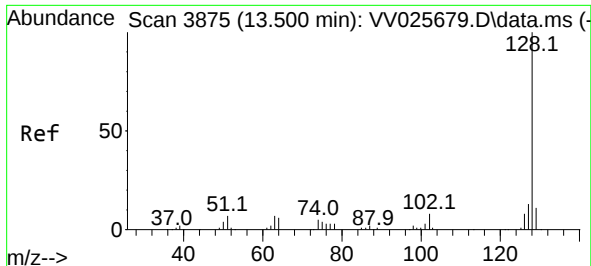
Tgt Ion:	180	Resp:	59571
Ion Ratio	Lower	Upper	
180	100		
182	93.1	75.3	112.9
184	30.9	23.4	35.2
145	29.9	24.2	36.4



#70
 1,2,4-trichlorobenzene
 Concen: 3.759 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV025701.D
 Acq: 22 Apr 2022 23:20

Tgt Ion:	180	Resp:	45451
Ion Ratio	Lower	Upper	
180	100		
182	93.0	76.6	114.8
145	30.8	24.6	36.8

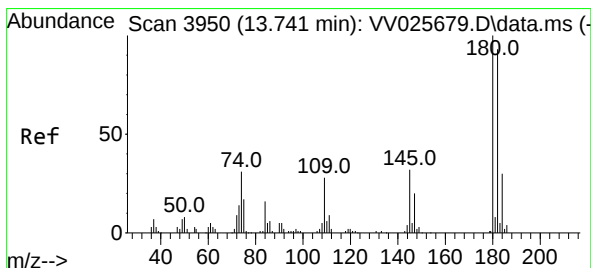
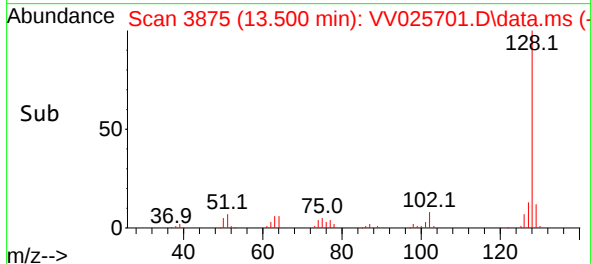
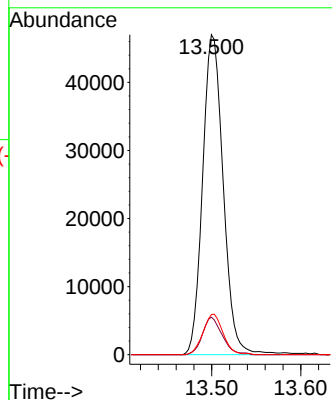
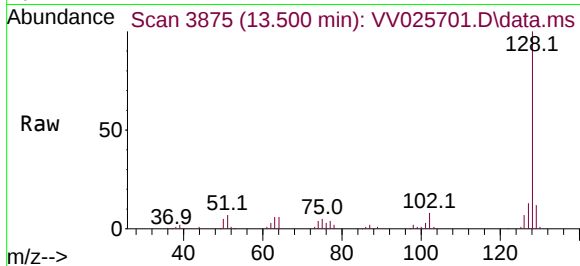




#71
Naphthalene
Concen: 4.253 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025701.D
Acq: 22 Apr 2022 23:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD005391

Tgt Ion:128	Resp:	75439
Ion Ratio	Lower	Upper
128	100	
129	11.2	8.8 13.2
127	12.4	10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.026 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025701.D
Acq: 22 Apr 2022 23:20

Tgt Ion:180	Resp:	40313
Ion Ratio	Lower	Upper
180	100	
182	95.1	77.7 116.5
145	32.1	27.4 41.2

