

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031522\
 Data File : VW024993.D
 Acq On : 15 Mar 2022 12:48
 Operator : SY/MD
 Sample : VSTD01022
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010222

Quant Time: Mar 16 02:56:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 16 02:55:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	196790	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	181657	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	87276	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	154160	9.923	ug/L	0.00
7) Chloroethane-d5	1.568	69	113436	9.971	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	252355	10.050	ug/L	0.00
20) 2-Butanone-d5	3.905	46	184514	112.146	ug/L	0.00
24) Chloroform-d	4.349	84	264600	10.269	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	109429	10.158	ug/L	0.00
32) Benzene-d6	5.050	84	549848	10.434	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	157203	10.374	ug/L	0.00
41) Toluene-d8	7.313	98	505501	10.525	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	58117	11.002	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	206982	114.871	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	91424	10.256	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	152091	10.294	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	172873	9.942	ug/L	98
3) Chloromethane	1.240	50	157282	9.591	ug/L	99
5) Vinyl chloride	1.310	62	170538	9.857	ug/L	99
6) Bromomethane	1.523	94	107584	9.622	ug/L	98
8) Chloroethane	1.584	64	103257	9.842	ug/L	99
9) Trichlorofluoromethane	1.754	101	230840	9.810	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	126201	9.890	ug/L	100
12) 1,1-Dichloroethene	2.117	96	124040	9.894	ug/L	94
13) Acetone	2.201	43	103839	95.118	ug/L	99
14) Carbon disulfide	2.294	76	456002	10.166	ug/L	99
15) Methyl Acetate	2.442	43	36588	10.027	ug/L	95
16) Methylene chloride	2.507	84	145530	9.580	ug/L	99
17) Methyl tert-butyl Ether	2.773	73	280636	10.277	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	153952	10.204	ug/L	98
19) 1,1-Dichloroethane	3.191	63	258463	10.066	ug/L	100
21) 2-Butanone	3.989	43	215833	121.296	ug/L	90
22) cis-1,2-Dichloroethene	3.912	96	159029	10.441	ug/L	96
23) Bromochloromethane	4.249	128	61774	10.287	ug/L	99
25) Chloroform	4.375	83	266779	9.979	ug/L	98
27) 1,2-Dichloroethane	5.130	62	136483	10.267	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	237449	10.250	ug/L	99
30) Cyclohexane	4.677	56	236401	10.488	ug/L	99
31) Carbon tetrachloride	4.828	117	204501	10.289	ug/L	99
33) Benzene	5.098	78	601081	10.173	ug/L	100
34) Trichloroethene	5.912	95	162406	10.323	ug/L	98
35) Methylcyclohexane	6.130	83	263195	10.568	ug/L	98
37) 1,2-Dichloropropane	6.172	63	141522	10.423	ug/L	100
38) Bromodichloromethane	6.510	83	175999	10.250	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	204024	10.822	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	597429	106.929	ug/L	98
42) Toluene	7.387	91	647553	10.472	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	159805	10.773	ug/L	99

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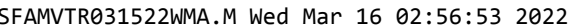
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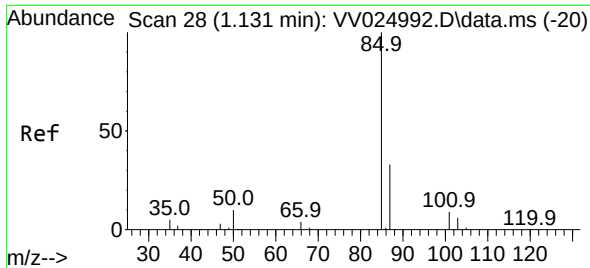
Quant Time: Mar 16 02:56:47 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	92425	10.192	ug/L	99
47) Tetrachloroethene	7.976	164	113627	10.267	ug/L	96
48) 2-Hexanone	8.140	43	411220	103.817	ug/L	97
49) Dibromochloromethane	8.246	129	107880	10.627	ug/L	97
50) 1,2-Dibromoethane	8.352	107	84337	10.162	ug/L	98
51) Chlorobenzene	8.879	112	393710	10.168	ug/L	99
52) Ethylbenzene	9.011	91	689796	10.545	ug/L	100
53) m,p-xylene	9.136	106	269331	10.691	ug/L	98
54) o-xylene	9.542	106	257775	10.701	ug/L	98
55) Styrene	9.558	104	430885	10.983	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	92965	10.456	ug/L	99
59) Bromoform	9.731	173	47099	10.020	ug/L	99
60) Isopropylbenzene	9.931	105	692782	10.526	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	72834	9.923	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	318116	10.651	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	581412	10.992	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	294700	10.322	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	288539	10.025	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	257307	10.171	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	13423	10.668	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	210801	10.453	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	165536	10.535	ug/L	100
71) Naphthalene	13.500	128	280299	10.743	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	139158	10.452	ug/L	99

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

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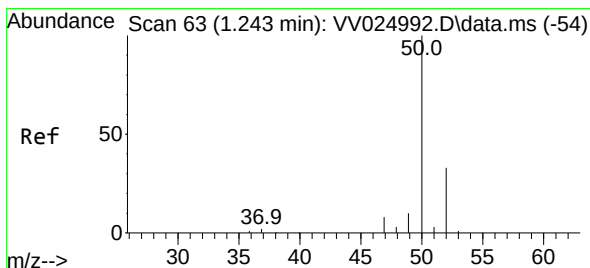
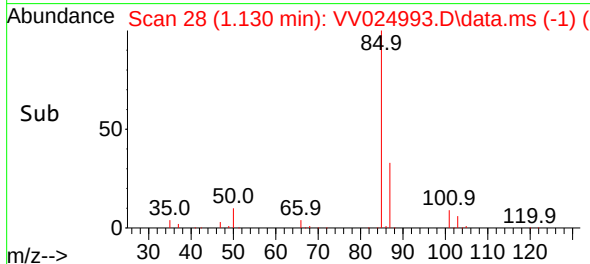
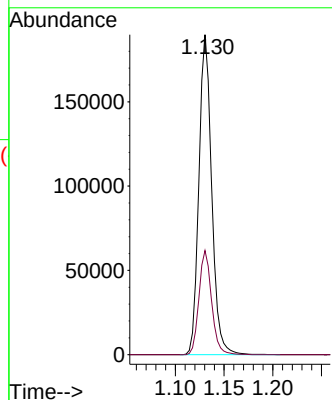
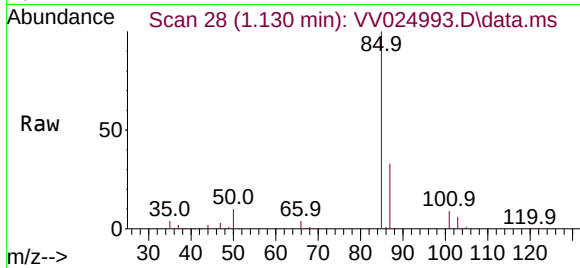




#2
 Dichlorodifluoromethane
 Concen: 9.942 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV024993.D
 Acq: 15 Mar 2022 12:48

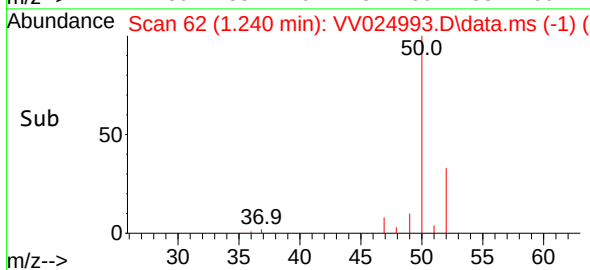
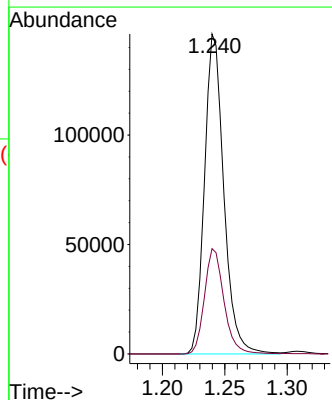
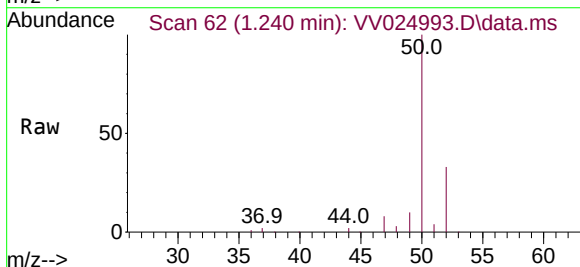
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010222

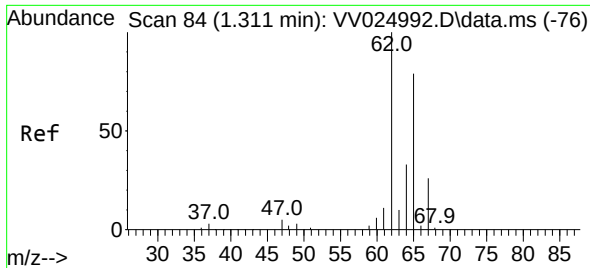
Tgt Ion: 85 Resp: 172873
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.7 40.1



#3
 Chloromethane
 Concen: 9.591 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VV024993.D
 Acq: 15 Mar 2022 12:48

Tgt Ion: 50 Resp: 157282
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.2 43.2

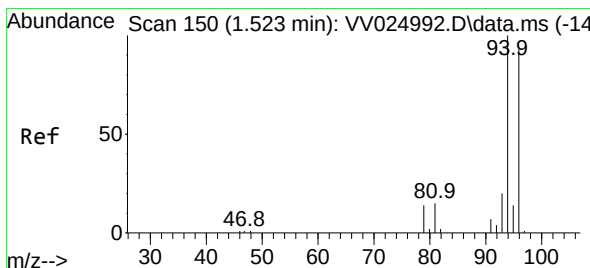
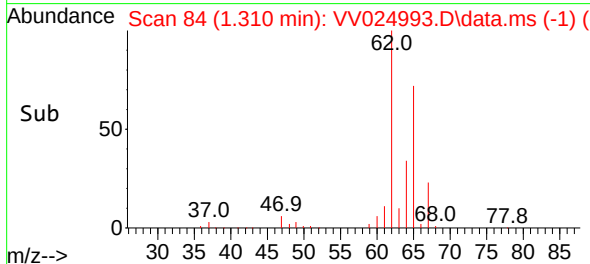
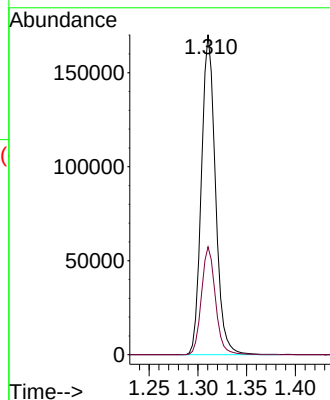
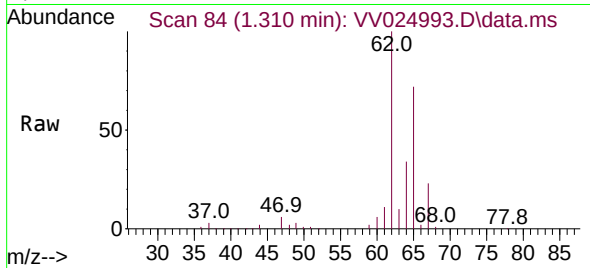




#5
 Vinyl chloride
 Concen: 9.857 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV024993.D
 Acq: 15 Mar 2022 12:48

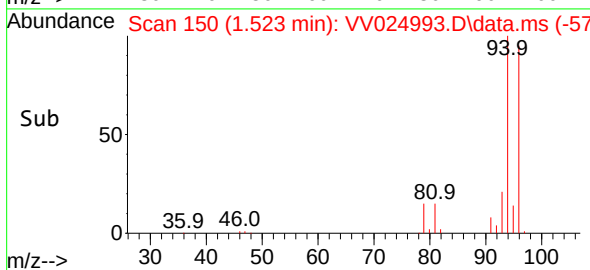
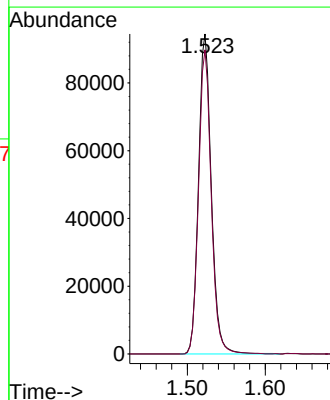
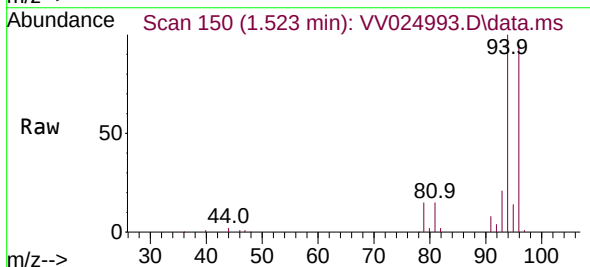
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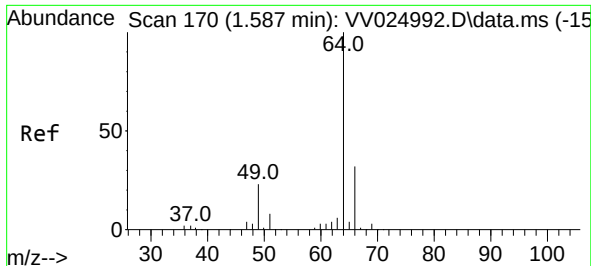
Tgt Ion: 62 Resp: 170538
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.4 43.4



#6
 Bromomethane
 Concen: 9.622 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV024993.D
 Acq: 15 Mar 2022 12:48

Tgt Ion: 94 Resp: 107584
 Ion Ratio Lower Upper
 94 100
 96 95.0 64.9 120.5

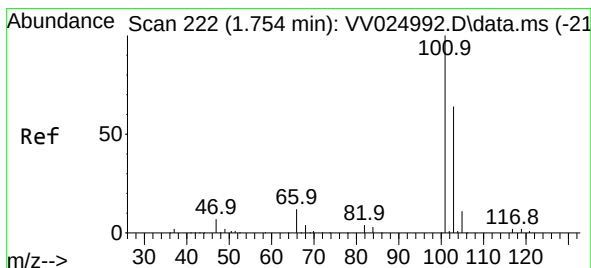
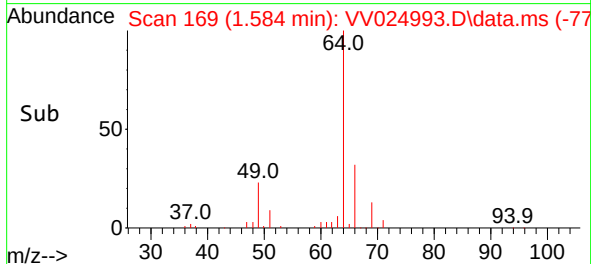
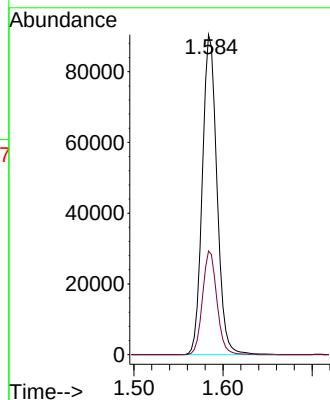
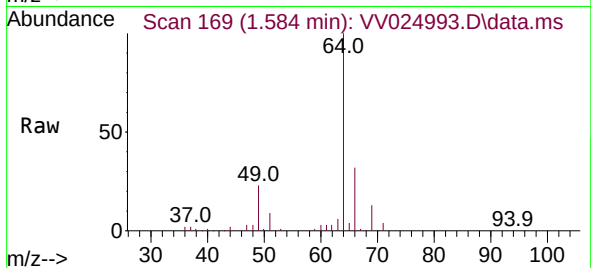




#8
Chloroethane
Concen: 9.842 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV024993.D
Acq: 15 Mar 2022 12:48

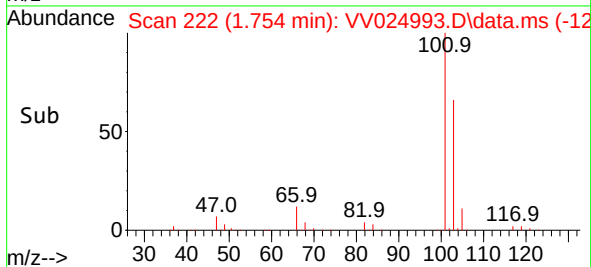
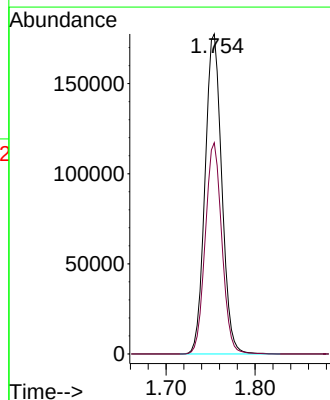
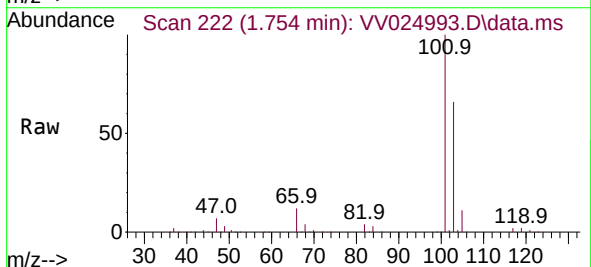
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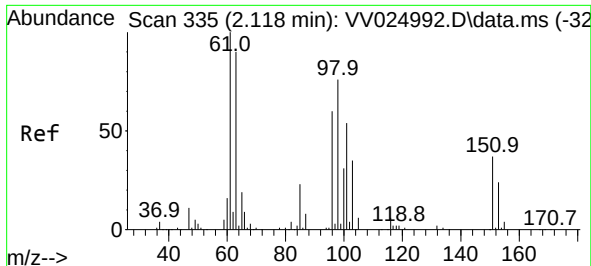
Tgt Ion: 64 Resp: 103257
Ion Ratio Lower Upper
64 100
66 32.4 22.5 41.7



#9
Trichlorofluoromethane
Concen: 9.810 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV024993.D
Acq: 15 Mar 2022 12:48

Tgt Ion:101 Resp: 230840
Ion Ratio Lower Upper
101 100
103 65.5 51.5 77.3

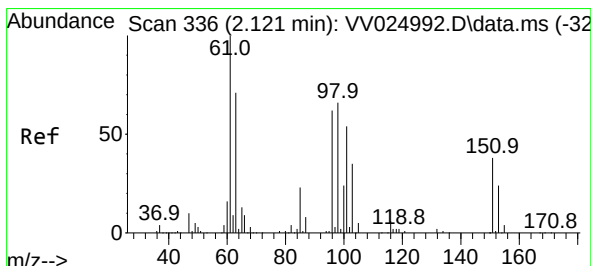
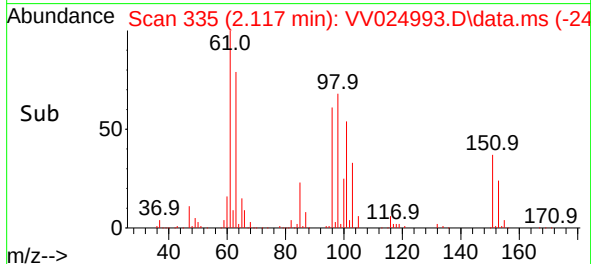
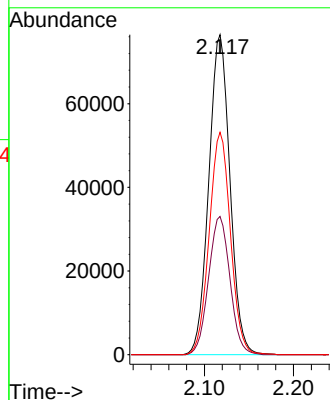
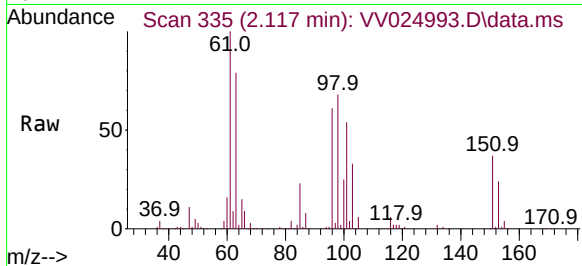




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.890 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV024993.D
 Acq: 15 Mar 2022 12:48

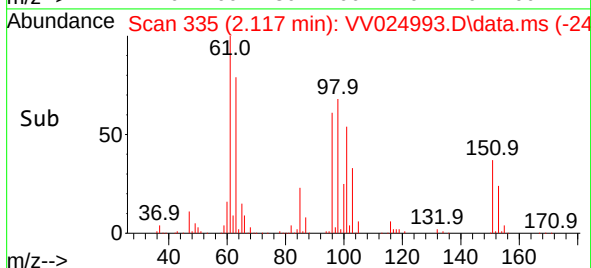
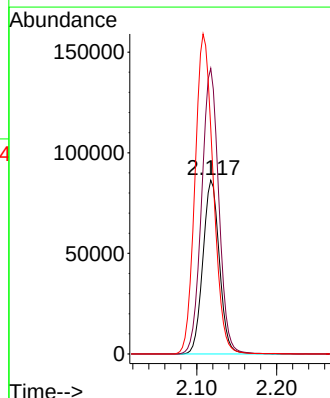
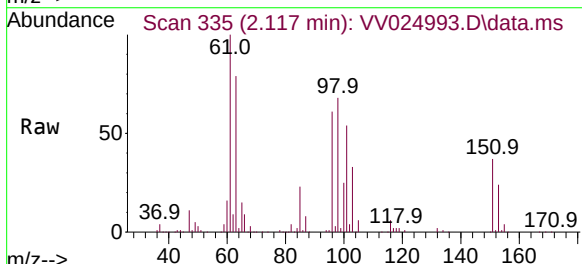
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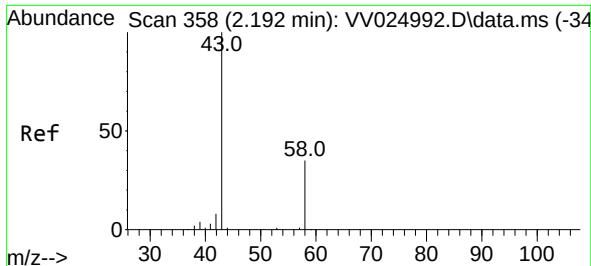
Tgt Ion:101 Resp: 126201
 Ion Ratio Lower Upper
 101 100
 85 43.6 34.8 52.2
 151 69.9 55.6 83.4



#12
 1,1-Dichloroethene
 Concen: 9.894 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV024993.D
 Acq: 15 Mar 2022 12:48

Tgt Ion: 96 Resp: 124040
 Ion Ratio Lower Upper
 96 100
 61 164.4 113.0 209.9
 63 130.0 82.1 152.5





#13

Acetone

Concen: 95.118 ug/L

RT: 2.201 min Scan# 3

Delta R.T. 0.010 min

Lab File: VV024993.D

Acq: 15 Mar 2022 12:48

Instrument :

MSVOA_V

ClientSampleId :

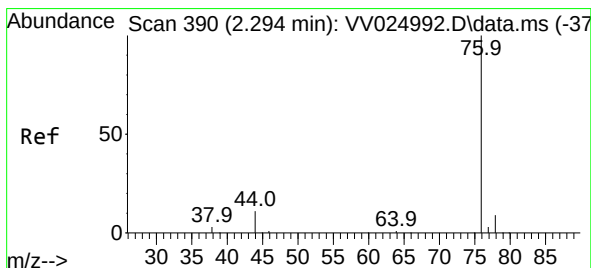
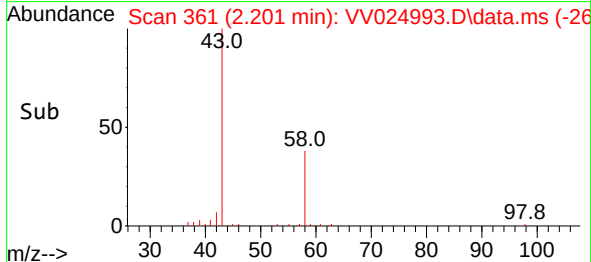
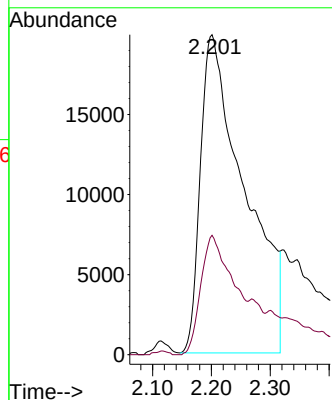
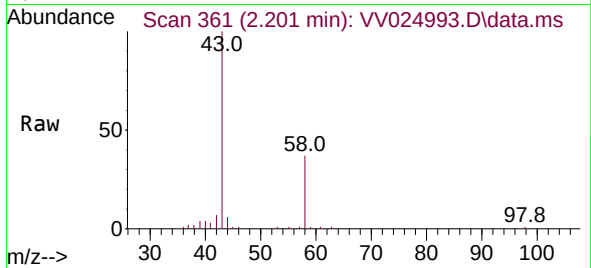
VSTD010222

Tgt Ion: 43 Resp: 103839

Ion Ratio Lower Upper

43 100

58 27.8 0.0 54.2



#14

Carbon disulfide

Concen: 10.166 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.000 min

Lab File: VV024993.D

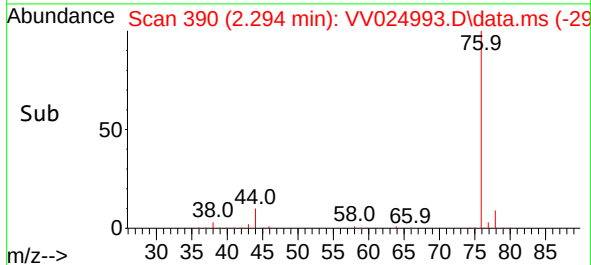
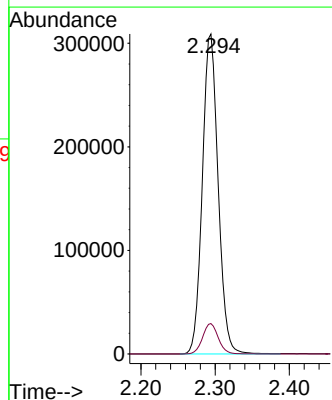
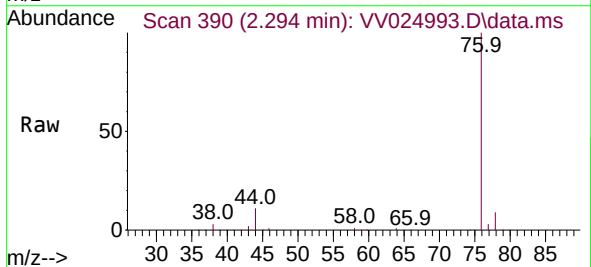
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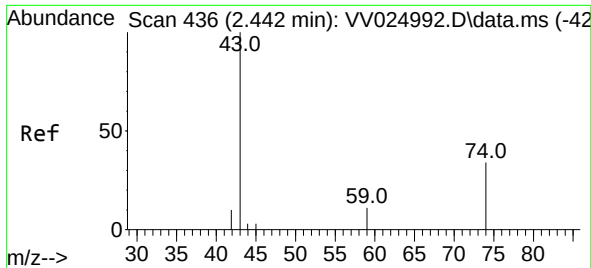
Tgt Ion: 76 Resp: 456002

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0





#15

Methyl Acetate

Concen: 10.027 ug/L

RT: 2.442 min Scan# 41

Delta R.T. -0.000 min

Lab File: VV024993.D

Acq: 15 Mar 2022 12:48

Instrument :

MSVOA_V

ClientSampleId :

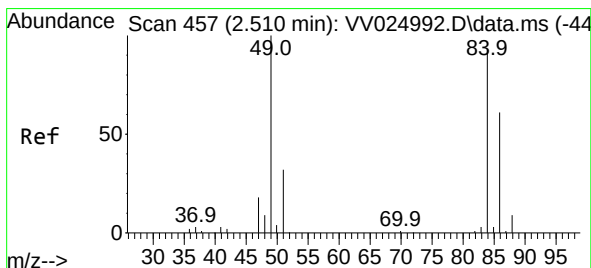
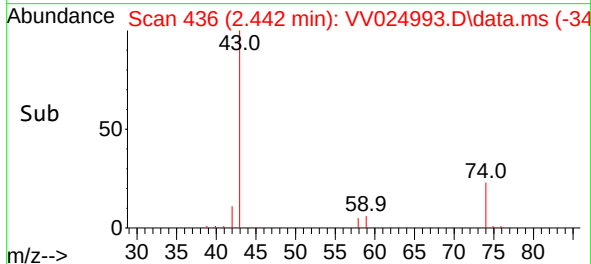
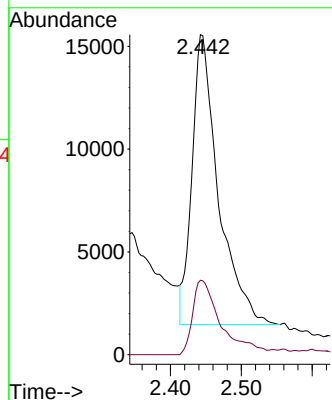
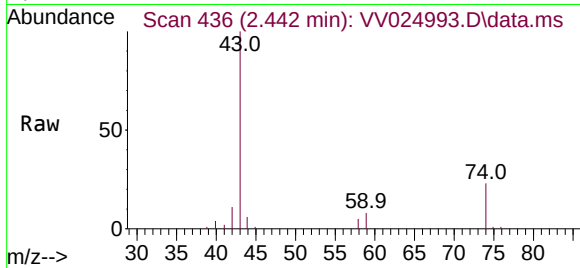
VSTD010222

Tgt Ion: 43 Resp: 36588

Ion Ratio Lower Upper

43 100

74 27.5 24.2 36.4



#16

Methylene chloride

Concen: 9.580 ug/L

RT: 2.507 min Scan# 456

Delta R.T. -0.003 min

Lab File: VV024993.D

Acq: 15 Mar 2022 12:48

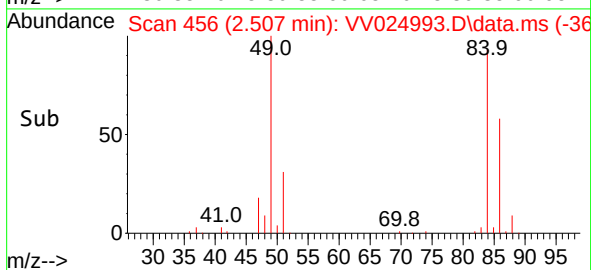
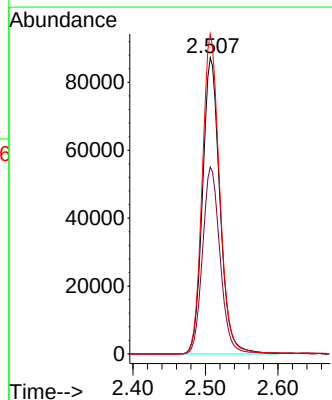
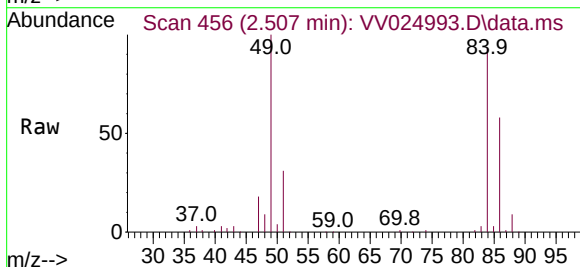
Tgt Ion: 84 Resp: 145530

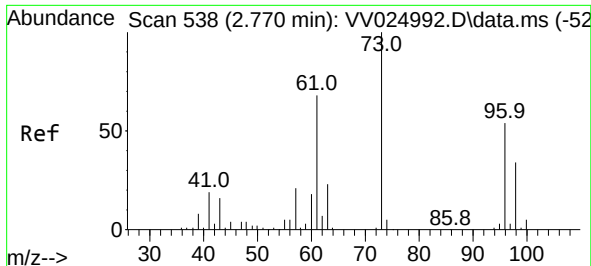
Ion Ratio Lower Upper

84 100

86 63.1 45.5 84.5

49 108.0 75.0 139.2

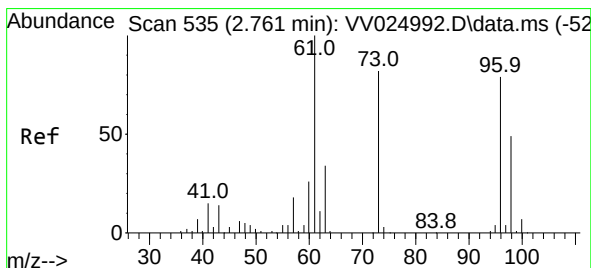
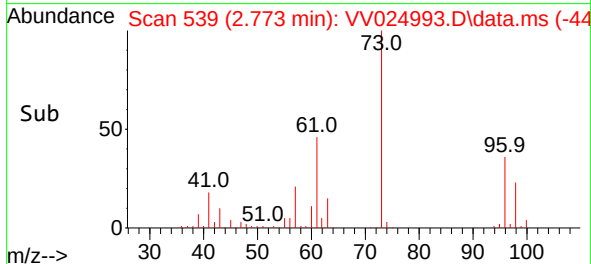
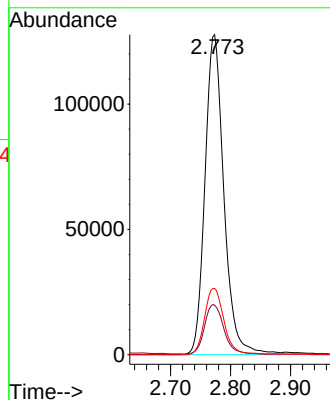
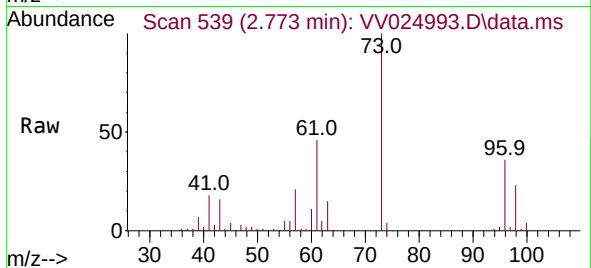




#17
Methyl tert-butyl Ether
Concen: 10.277 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024993.D
Acq: 15 Mar 2022 12:48

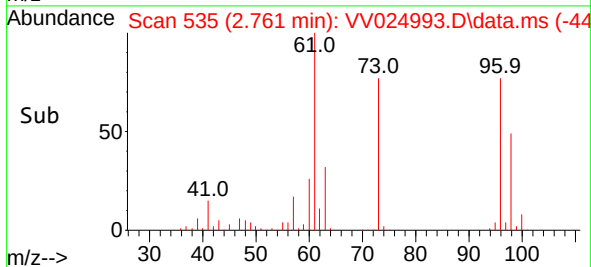
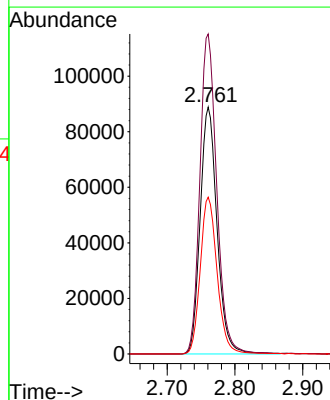
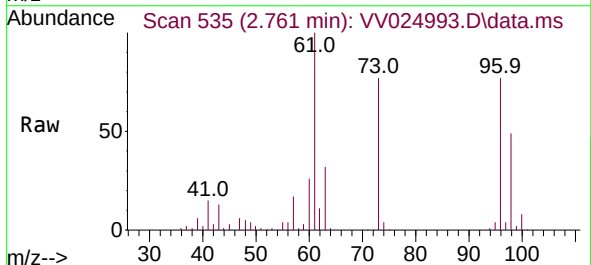
Instrument :
MSVOA_V
ClientSampleId :
VSTD010222

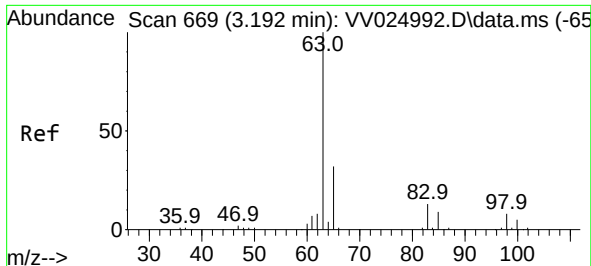
Tgt Ion: 73 Resp: 280636
Ion Ratio Lower Upper
73 100
43 15.7 13.2 19.8
57 21.2 16.7 25.1



#18
trans-1,2-Dichloroethene
Concen: 10.204 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV024993.D
Acq: 15 Mar 2022 12:48

Tgt Ion: 96 Resp: 153952
Ion Ratio Lower Upper
96 100
61 129.6 89.2 165.6
98 63.5 43.9 81.5





#19

1,1-Dichloroethane

Concen: 10.066 ug/L

RT: 3.191 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV024993.D

Acq: 15 Mar 2022 12:48

Instrument :

MSVOA_V

ClientSampleId :

VSTD010222

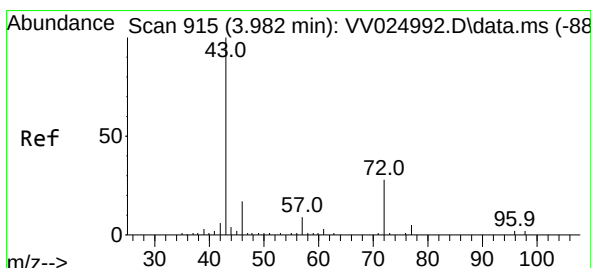
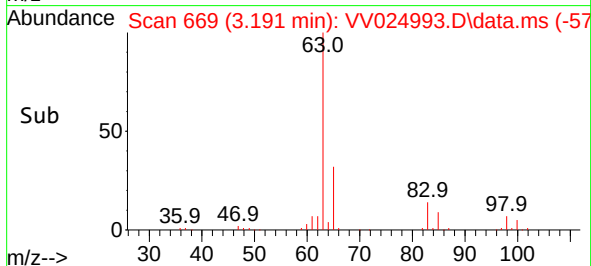
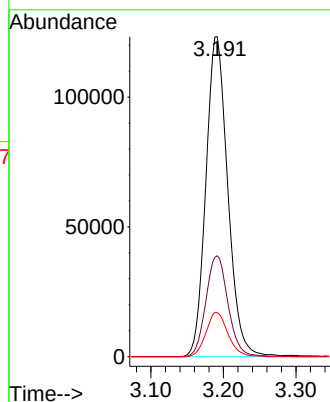
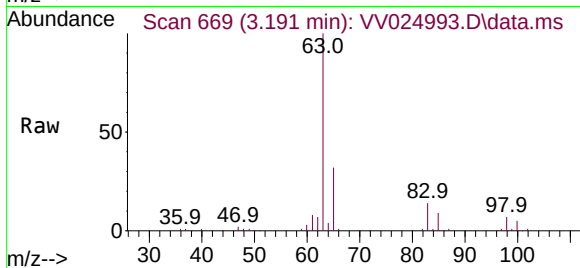
Tgt Ion: 63 Resp: 258463

Ion Ratio Lower Upper

63 100

65 31.5 22.2 41.2

83 13.8 9.4 17.4



#21

2-Butanone

Concen: 121.296 ug/L

RT: 3.989 min Scan# 917

Delta R.T. 0.006 min

Lab File: VV024993.D

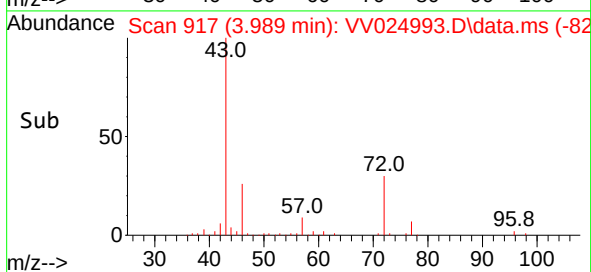
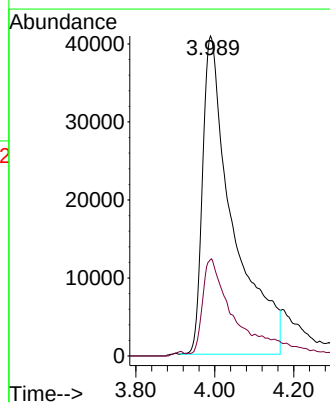
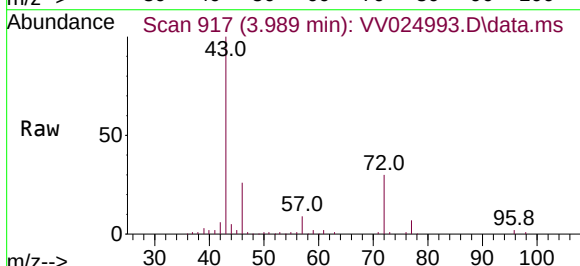
Acq: 15 Mar 2022 12:48

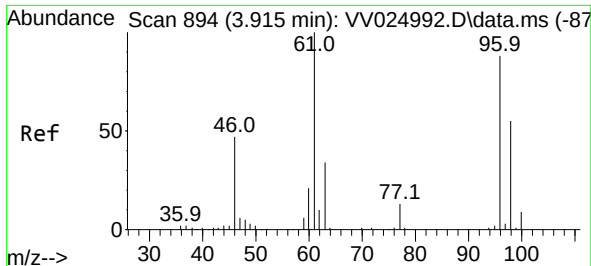
Tgt Ion: 43 Resp: 215833

Ion Ratio Lower Upper

43 100

72 25.5 10.4 31.2

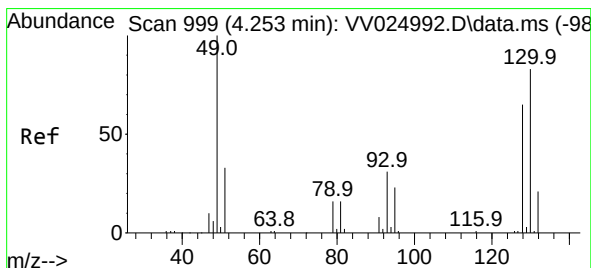
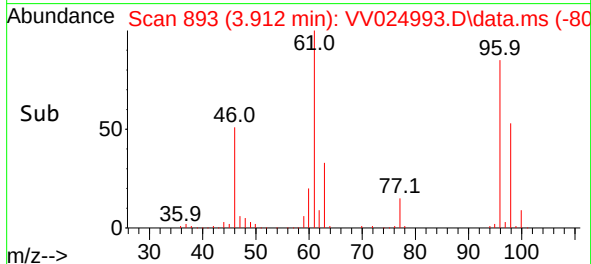
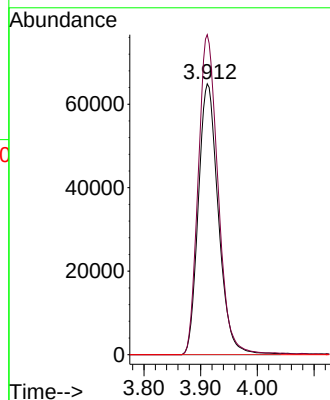
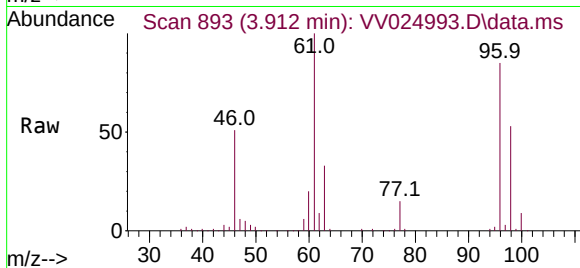




#22
cis-1,2-Dichloroethene
Concen: 10.441 ug/L
RT: 3.912 min Scan# 894
Delta R.T. -0.003 min
Lab File: VV024993.D
Acq: 15 Mar 2022 12:48

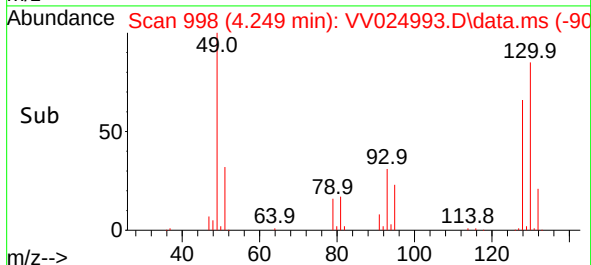
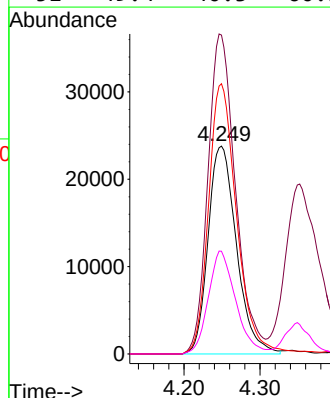
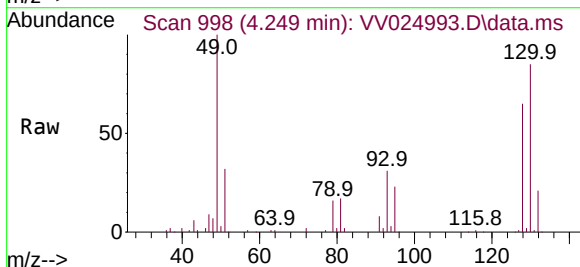
Instrument :
MSVOA_V
ClientSampleId :
VSTD010222

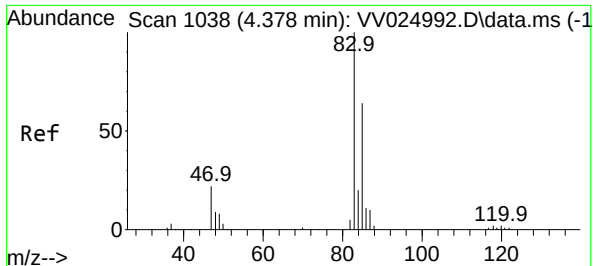
Tgt Ion: 96 Resp: 159029
Ion Ratio Lower Upper
96 100
61 118.2 79.7 147.9
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 10.287 ug/L
RT: 4.249 min Scan# 998
Delta R.T. -0.003 min
Lab File: VV024993.D
Acq: 15 Mar 2022 12:48

Tgt Ion:128 Resp: 61774
Ion Ratio Lower Upper
128 100
49 153.4 107.5 199.7
130 130.0 89.4 166.0
51 49.4 40.3 60.5





#25

Chloroform

Concen: 9.979 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VV024993.D

Acq: 15 Mar 2022 12:48

Instrument :

MSVOA_V

ClientSampleId :

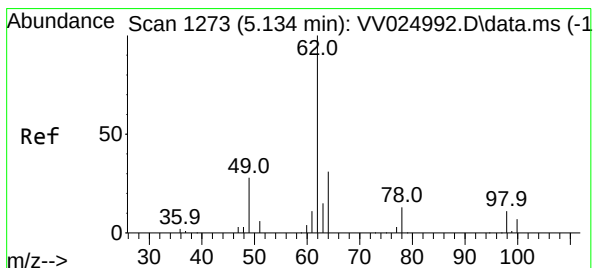
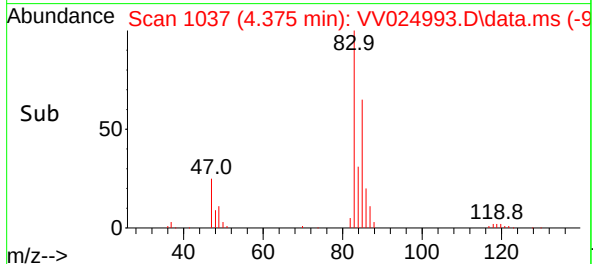
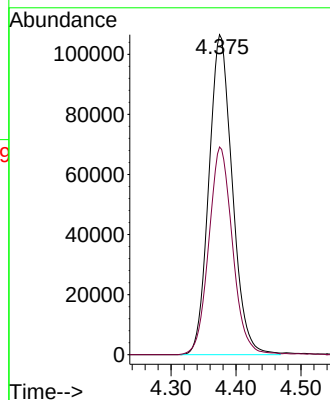
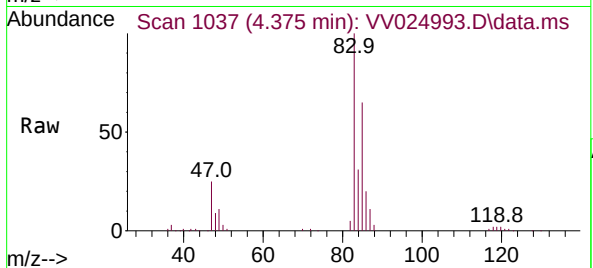
VSTD010222

Tgt Ion: 83 Resp: 266779

Ion Ratio Lower Upper

83 100

85 64.9 44.5 82.7



#27

1,2-Dichloroethane

Concen: 10.267 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VV024993.D

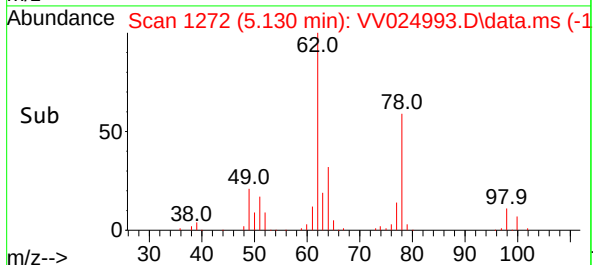
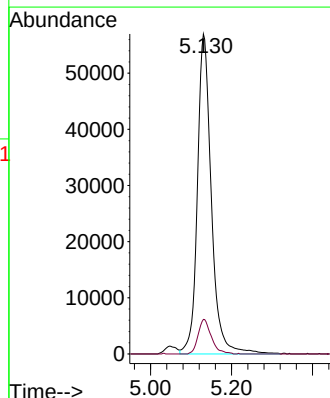
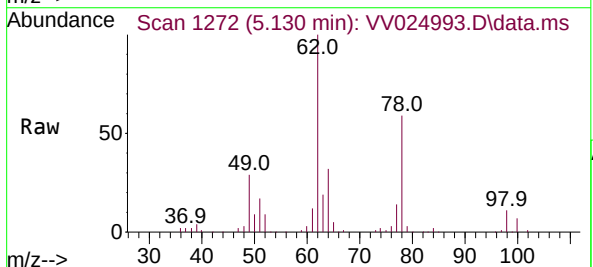
Acq: 15 Mar 2022 12:48

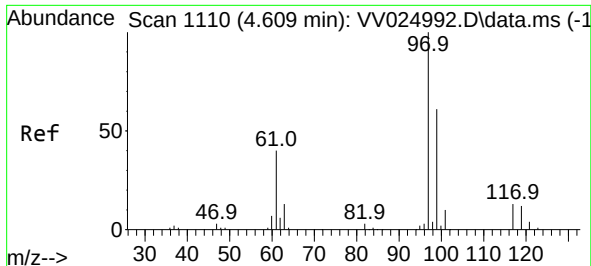
Tgt Ion: 62 Resp: 136483

Ion Ratio Lower Upper

62 100

98 10.8 9.0 13.4





#29

1,1,1-Trichloroethane

Concen: 10.250 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VV024993.D

Acq: 15 Mar 2022 12:48

Instrument :

MSVOA_V

ClientSampleId :

VSTD010222

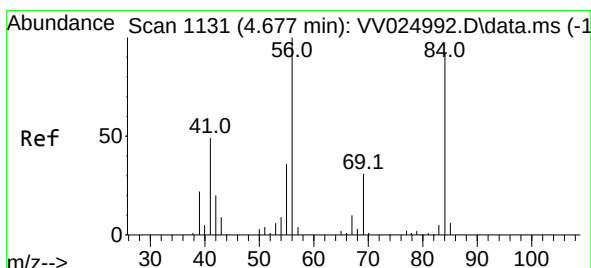
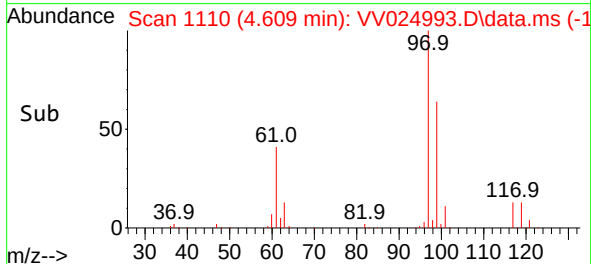
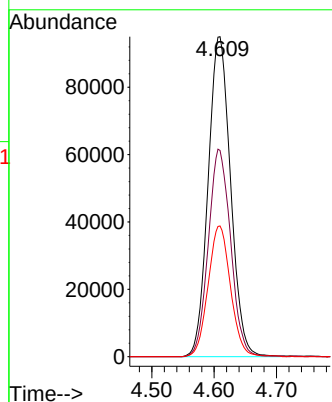
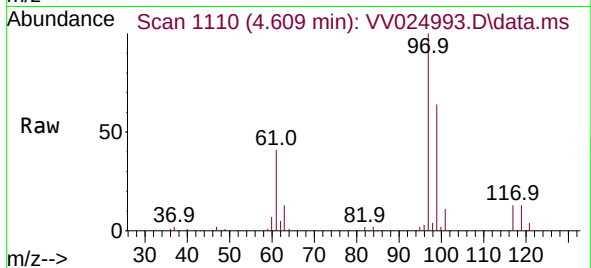
Tgt Ion: 97 Resp: 237449

Ion Ratio Lower Upper

97 100

99 64.5 50.7 76.1

61 40.6 32.4 48.6



#30

Cyclohexane

Concen: 10.488 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VV024993.D

Acq: 15 Mar 2022 12:48

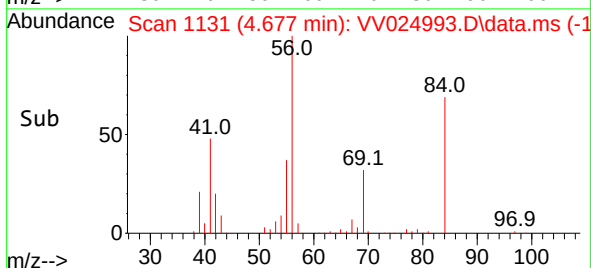
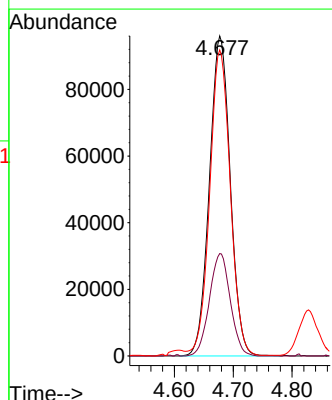
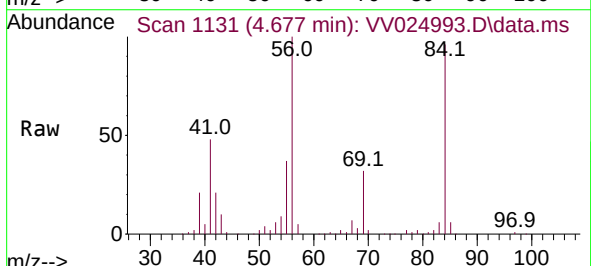
Tgt Ion: 56 Resp: 236401

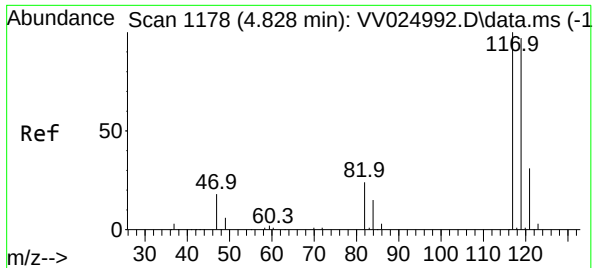
Ion Ratio Lower Upper

56 100

69 32.1 24.9 37.3

84 94.1 75.9 113.9

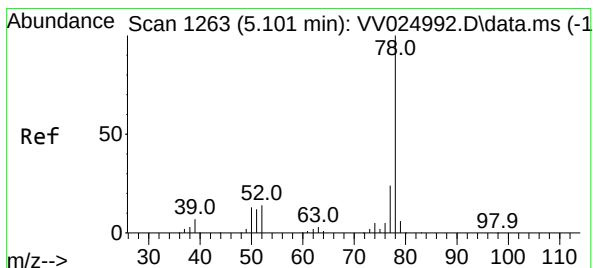
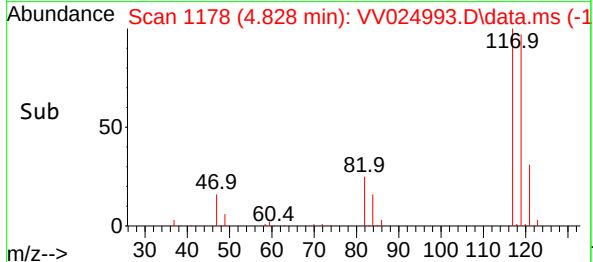
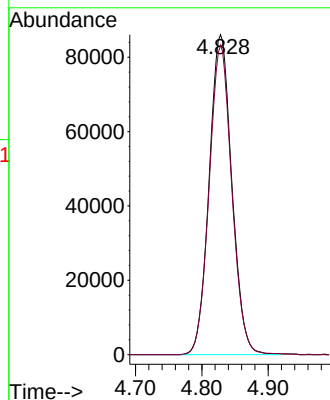
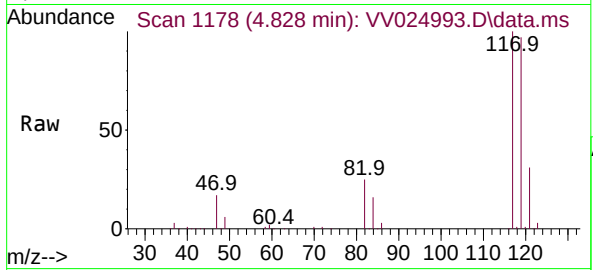




#31
Carbon tetrachloride
Concen: 10.289 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV024993.D
Acq: 15 Mar 2022 12:48

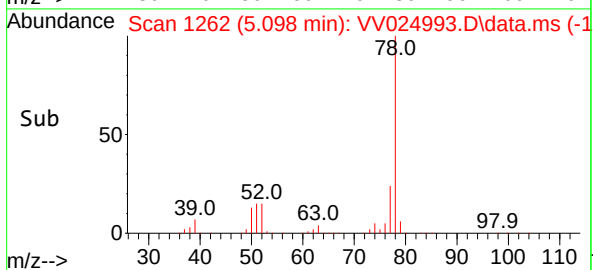
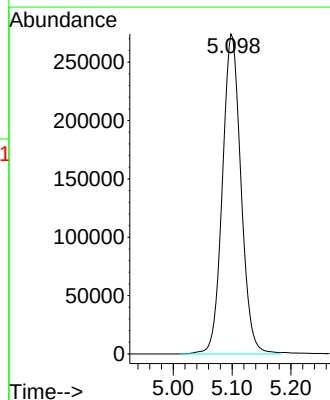
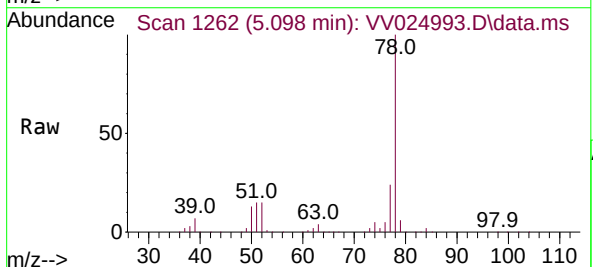
Instrument :
MSVOA_V
ClientSampleId :
VSTD010222

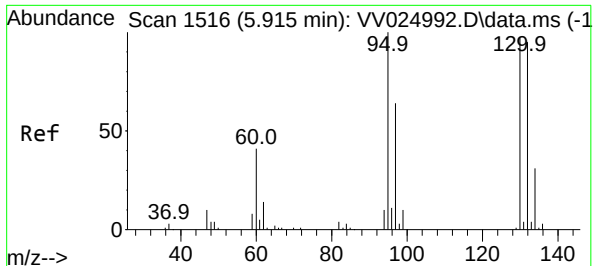
Tgt Ion:117 Resp: 204501
Ion Ratio Lower Upper
117 100
119 96.6 76.8 115.2



#33
Benzene
Concen: 10.173 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV024993.D
Acq: 15 Mar 2022 12:48

Tgt Ion: 78 Resp: 601081

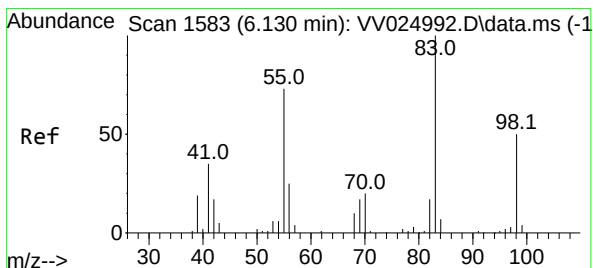
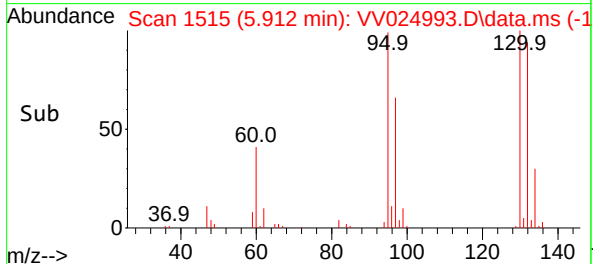
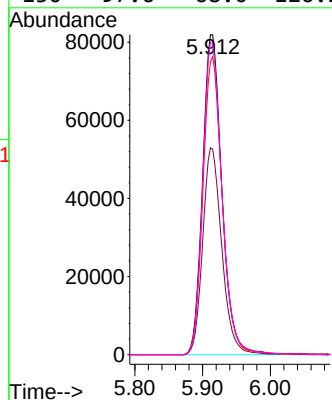
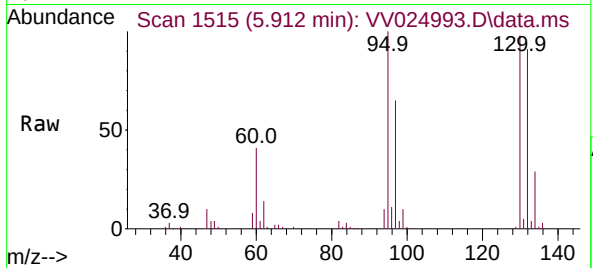




#34
Trichloroethene
Concen: 10.323 ug/L
RT: 5.912 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV024993.D
Acq: 15 Mar 2022 12:48

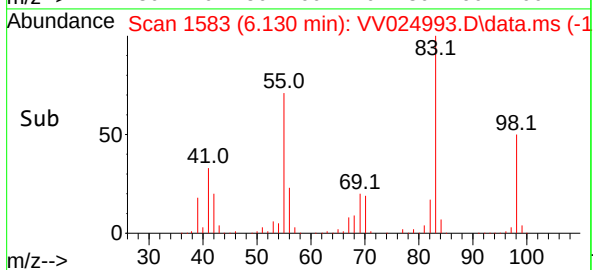
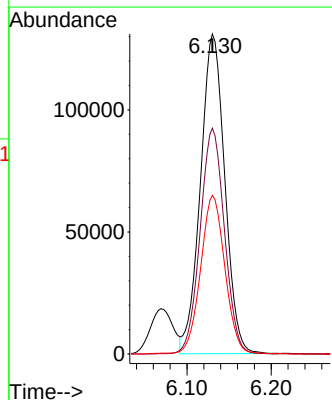
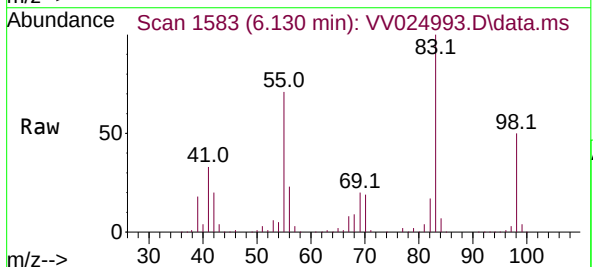
Instrument :
MSVOA_V
ClientSampleId :
VSTD010222

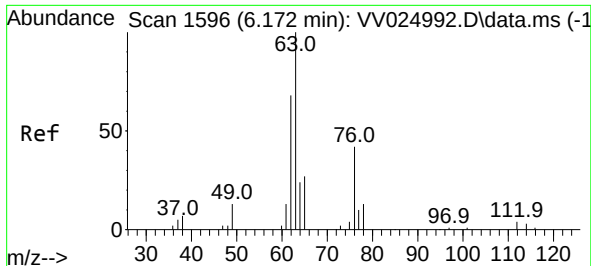
Tgt Ion: 95 Resp: 162406
Ion Ratio Lower Upper
95 100
97 64.7 44.5 82.7
132 91.4 66.5 123.5
130 97.6 68.0 126.2



#35
Methylcyclohexane
Concen: 10.568 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VV024993.D
Acq: 15 Mar 2022 12:48

Tgt Ion: 83 Resp: 263195
Ion Ratio Lower Upper
83 100
55 70.5 55.4 83.0
98 49.8 38.4 57.6





#37

1,2-Dichloropropane

Concen: 10.423 ug/L

RT: 6.172 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV024993.D

Acq: 15 Mar 2022 12:48

Instrument :

MSVOA_V

ClientSampleId :

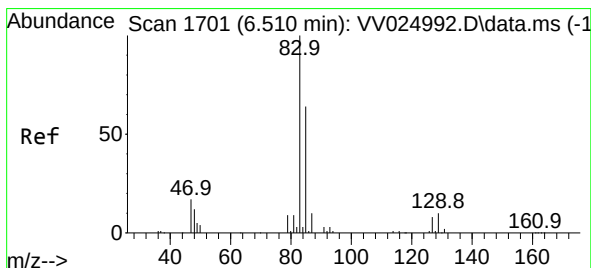
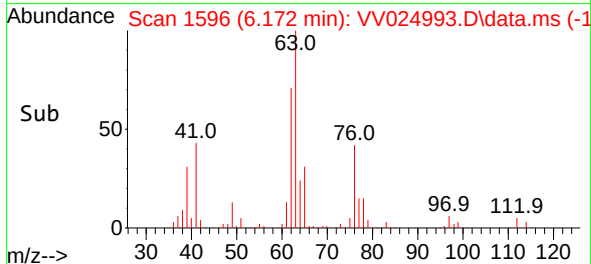
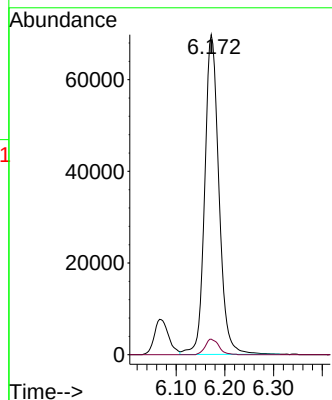
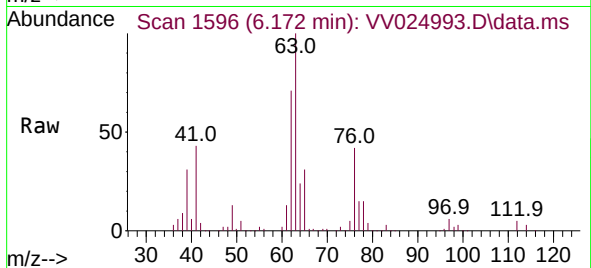
VSTD010222

Tgt Ion: 63 Resp: 141522

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 10.250 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VV024993.D

Acq: 15 Mar 2022 12:48

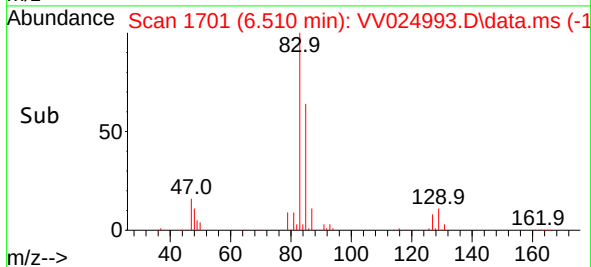
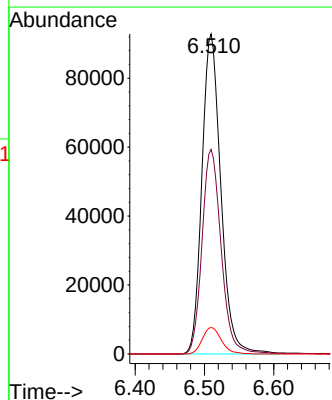
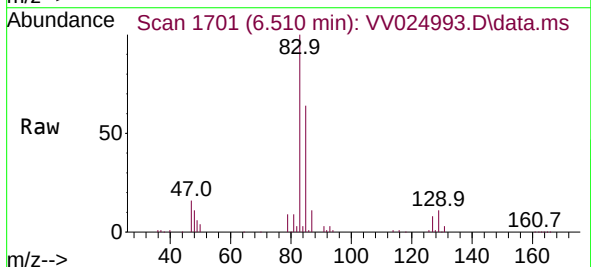
Tgt Ion: 83 Resp: 175999

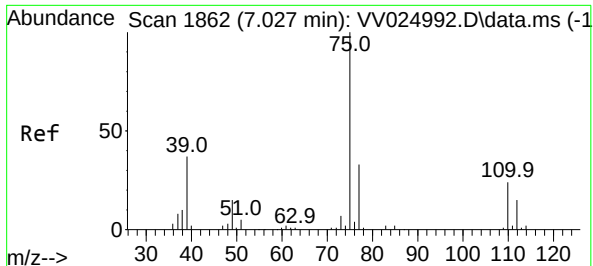
Ion Ratio Lower Upper

83 100

85 63.9 44.8 83.2

127 8.3 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 10.822 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. -0.000 min

Lab File: VV024993.D

Acq: 15 Mar 2022 12:48

Instrument :

MSVOA_V

ClientSampleId :

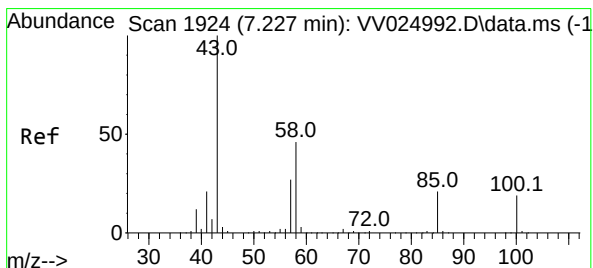
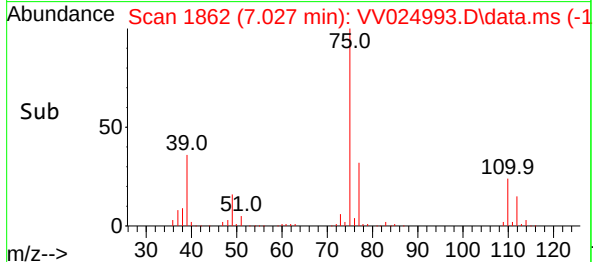
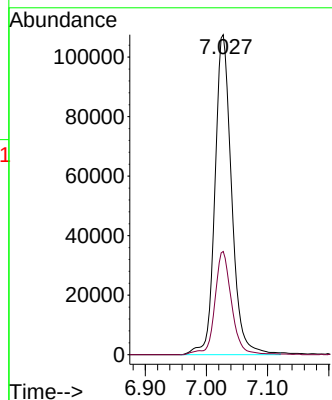
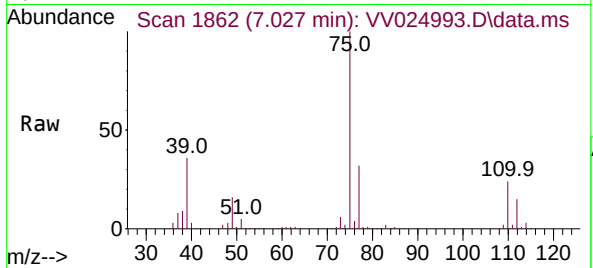
VSTD010222

Tgt Ion: 75 Resp: 204024

Ion Ratio Lower Upper

75 100

77 32.3 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 106.929 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV024993.D

Acq: 15 Mar 2022 12:48

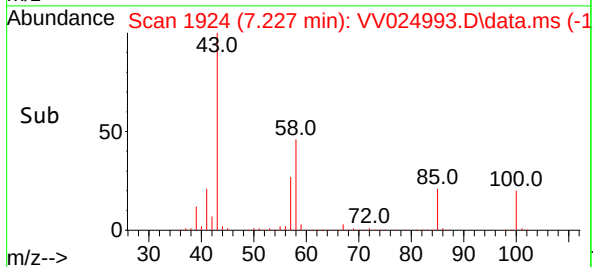
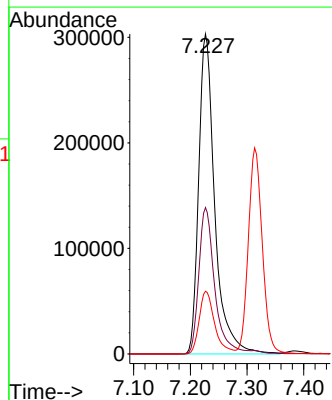
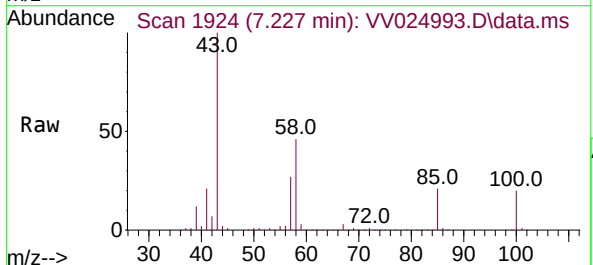
Tgt Ion: 43 Resp: 597429

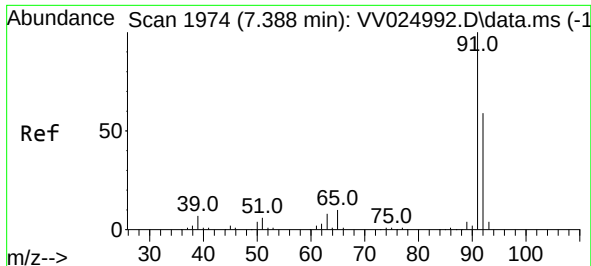
Ion Ratio Lower Upper

43 100

58 45.2 36.6 55.0

100 18.8 13.8 20.8





#42

Toluene

Concen: 10.472 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV024993.D

Acq: 15 Mar 2022 12:48

Instrument :

MSVOA_V

ClientSampleId :

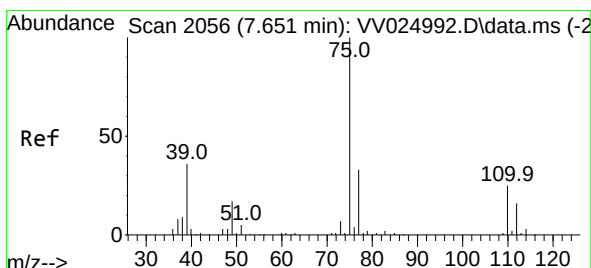
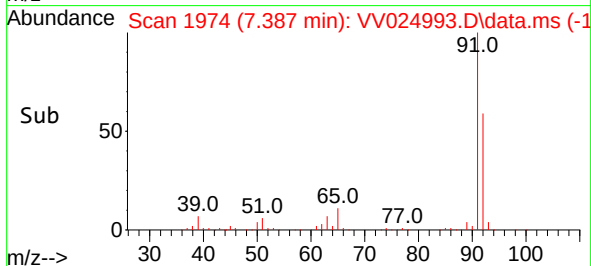
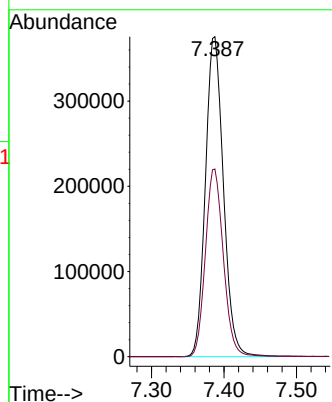
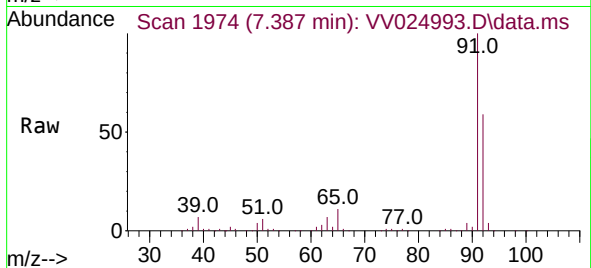
VSTD010222

Tgt Ion: 91 Resp: 647553

Ion Ratio Lower Upper

91 100

92 58.7 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 10.773 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VV024993.D

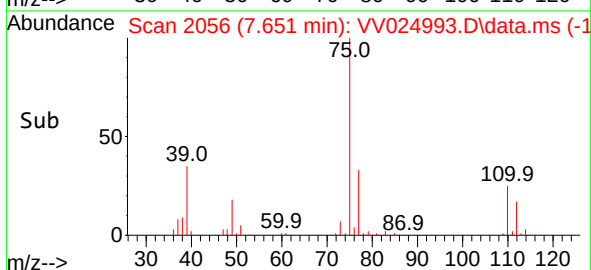
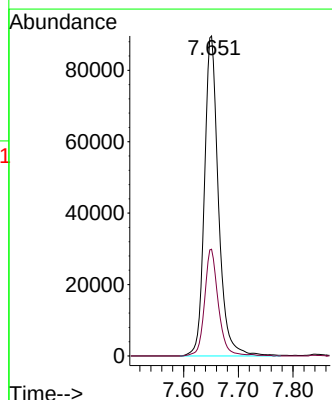
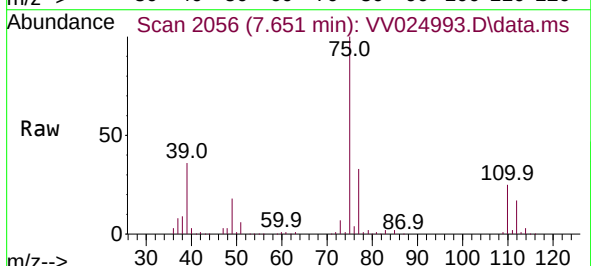
Acq: 15 Mar 2022 12:48

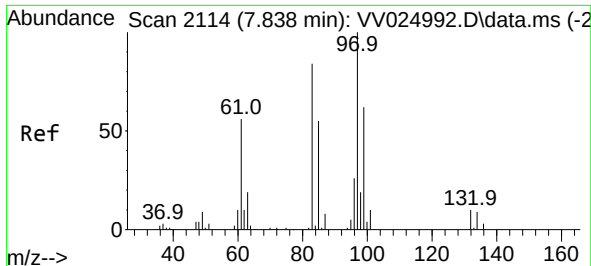
Tgt Ion: 75 Resp: 159805

Ion Ratio Lower Upper

75 100

77 33.4 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 10.192 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. -0.000 min

Lab File: VV024993.D

Acq: 15 Mar 2022 12:48

Instrument :

MSVOA_V

ClientSampleId :

VSTD010222

Tgt Ion: 97 Resp: 92425

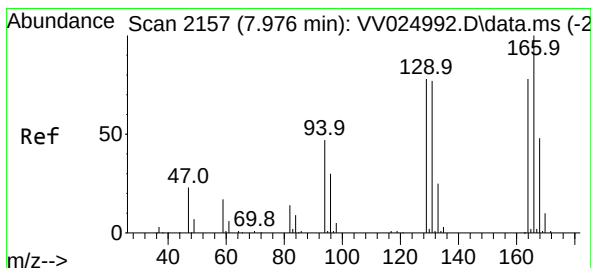
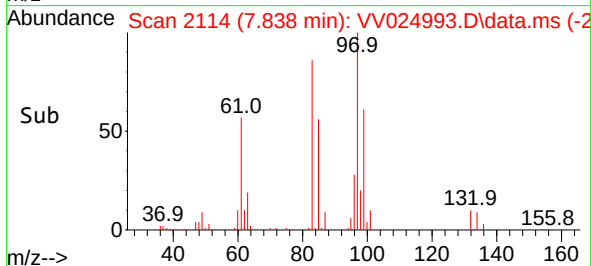
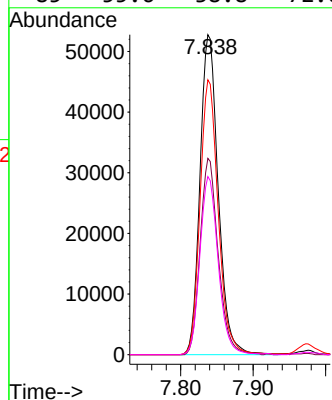
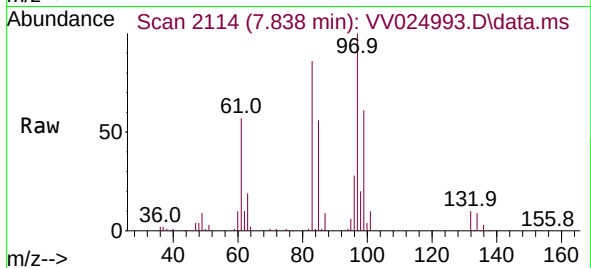
Ion Ratio Lower Upper

97 100

99 61.4 43.7 81.1

83 85.9 58.9 109.3

85 55.6 38.8 72.0



#47

Tetrachloroethene

Concen: 10.267 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV024993.D

Acq: 15 Mar 2022 12:48

Tgt Ion:164 Resp: 113627

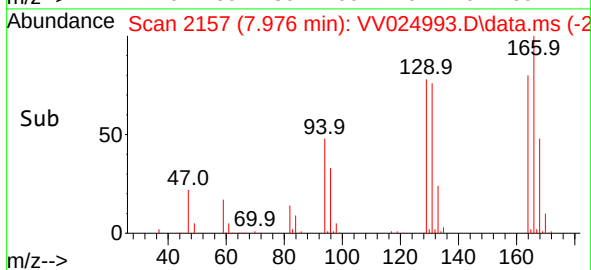
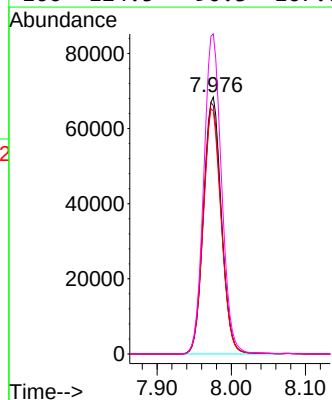
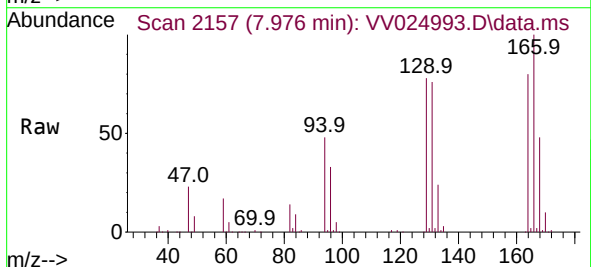
Ion Ratio Lower Upper

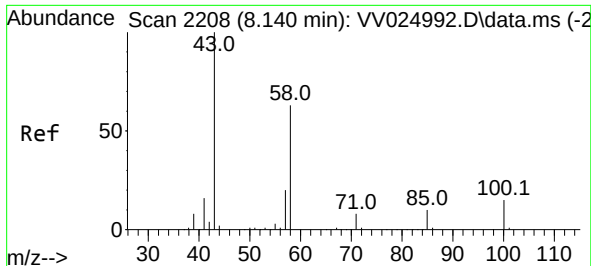
164 100

129 96.7 70.3 130.7

131 94.6 69.4 129.0

166 124.5 90.3 167.7

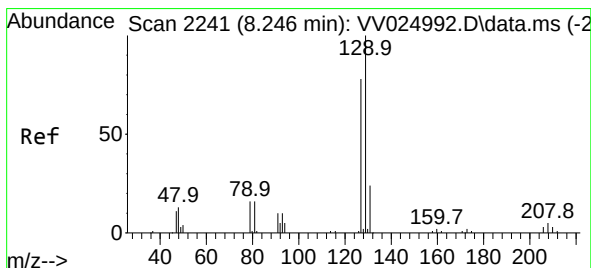
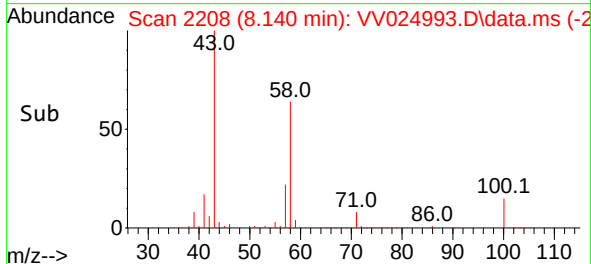
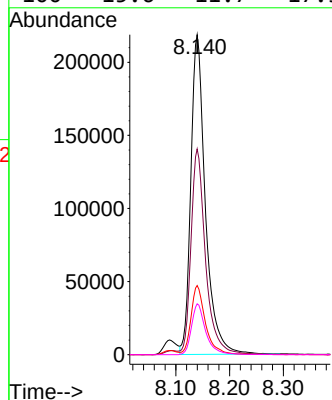
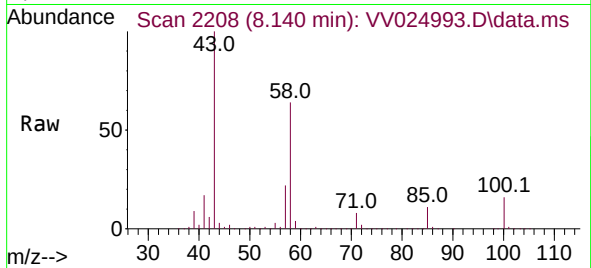




#48
2-Hexanone
Concen: 103.817 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024993.D
Acq: 15 Mar 2022 12:48

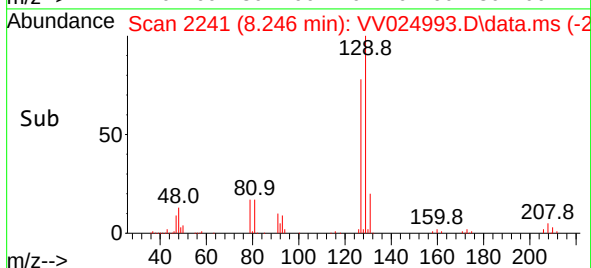
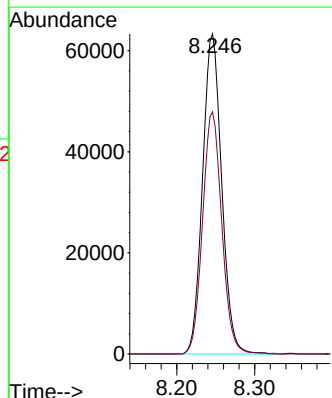
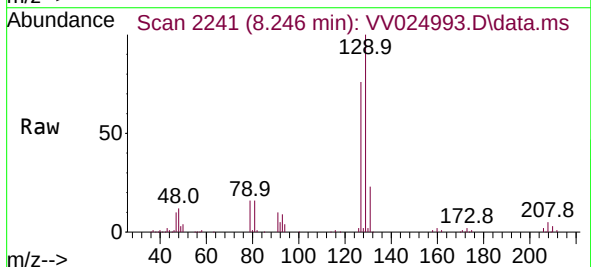
Instrument :
MSVOA_V
ClientSampleId :
VSTD010222

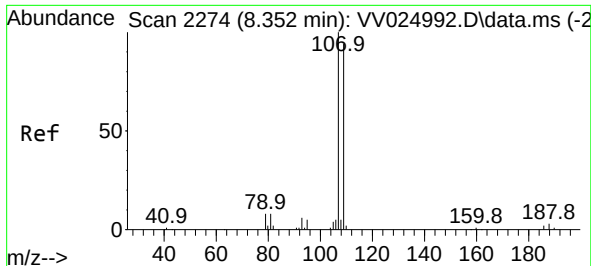
Tgt Ion: 43 Resp: 411220
Ion Ratio Lower Upper
43 100
58 64.2 49.2 73.8
57 21.4 16.0 24.0
100 15.6 11.7 17.5



#49
Dibromochloromethane
Concen: 10.627 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV024993.D
Acq: 15 Mar 2022 12:48

Tgt Ion: 129 Resp: 107880
Ion Ratio Lower Upper
129 100
127 75.7 54.9 102.1

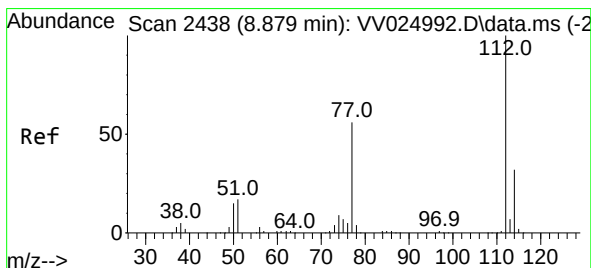
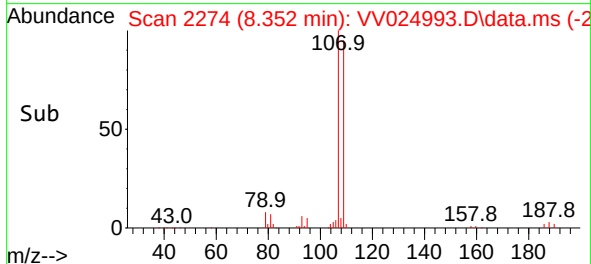
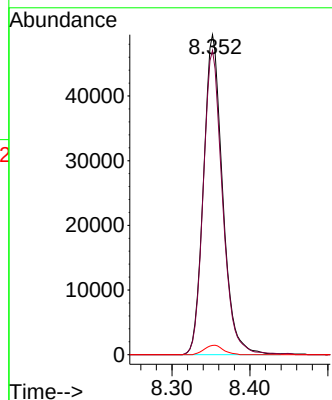
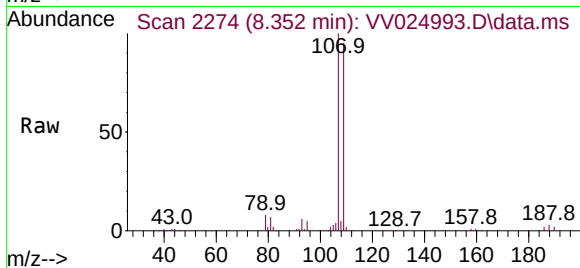




#50
 1,2-Dibromoethane
 Concen: 10.162 ug/L
 RT: 8.352 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV024993.D
 Acq: 15 Mar 2022 12:48

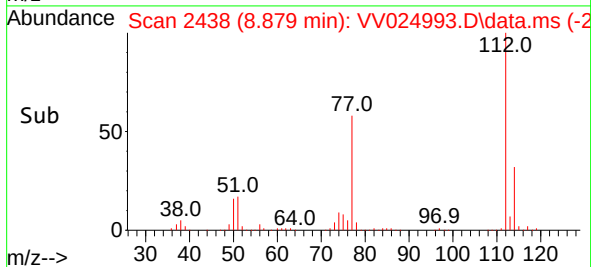
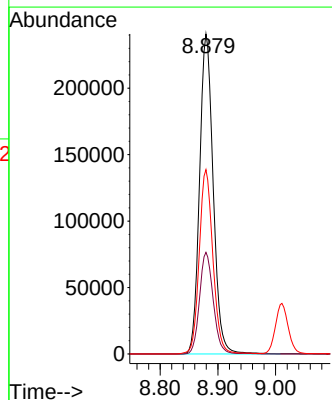
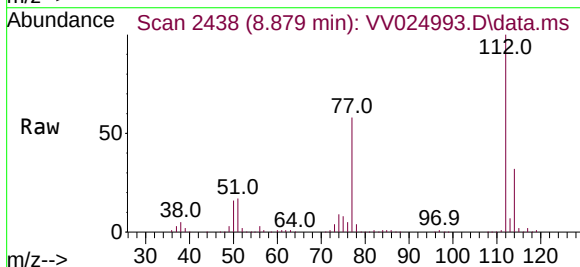
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010222

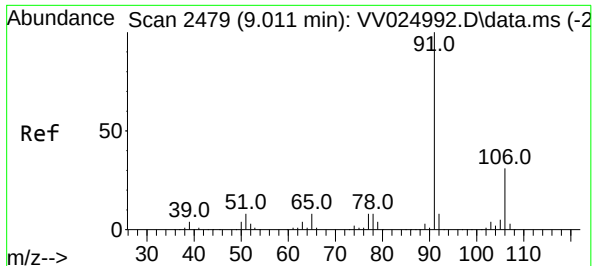
Tgt Ion:107 Resp: 84337
 Ion Ratio Lower Upper
 107 100
 109 95.1 65.5 121.6
 188 2.9 2.4 3.6



#51
 Chlorobenzene
 Concen: 10.168 ug/L
 RT: 8.879 min Scan# 2438
 Delta R.T. -0.000 min
 Lab File: VV024993.D
 Acq: 15 Mar 2022 12:48

Tgt Ion:112 Resp: 393710
 Ion Ratio Lower Upper
 112 100
 114 31.7 22.5 41.7
 77 57.6 45.3 67.9





#52

Ethylbenzene

Concen: 10.545 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.000 min

Lab File: VV024993.D

Acq: 15 Mar 2022 12:48

Instrument :

MSVOA_V

ClientSampleId :

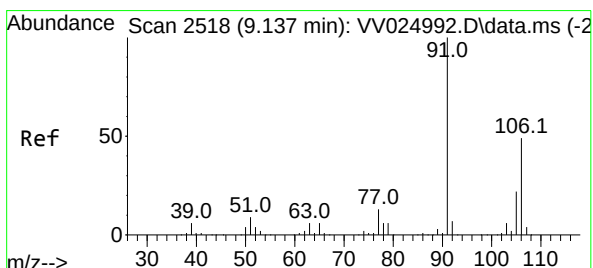
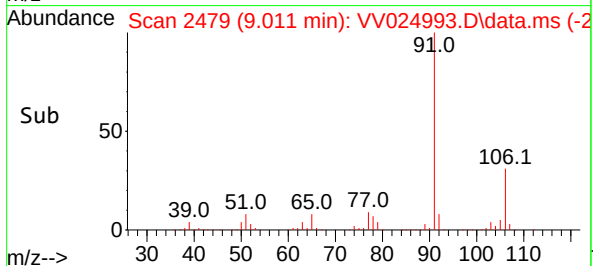
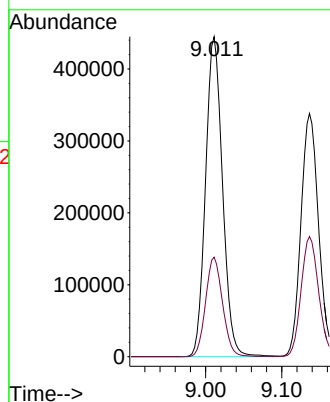
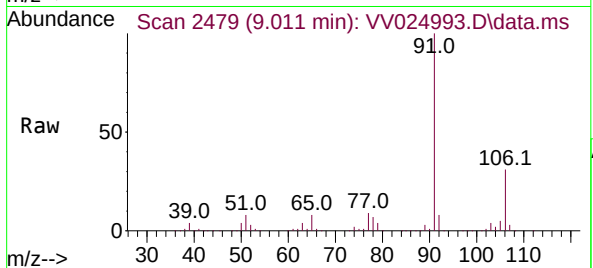
VSTD010222

Tgt Ion: 91 Resp: 689796

Ion Ratio Lower Upper

91 100

106 31.1 21.9 40.7



#53

m,p-xylene

Concen: 10.691 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV024993.D

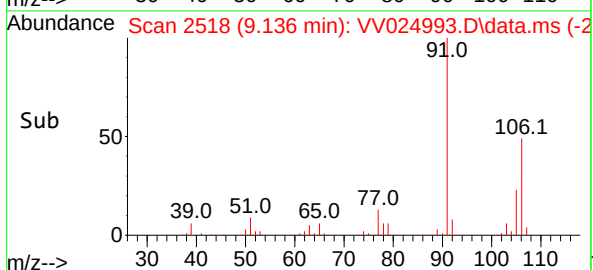
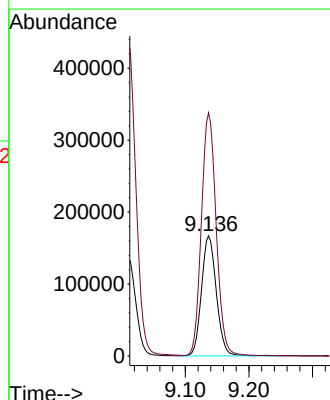
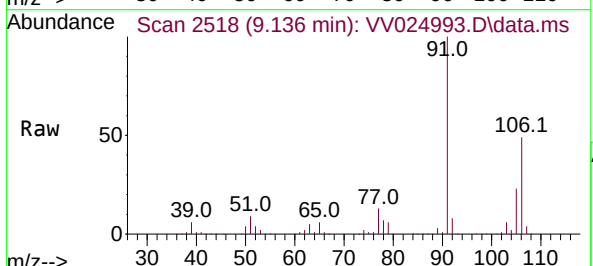
Acq: 15 Mar 2022 12:48

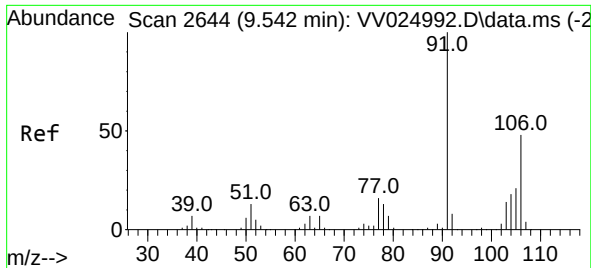
Tgt Ion:106 Resp: 269331

Ion Ratio Lower Upper

106 100

91 202.3 143.4 266.4

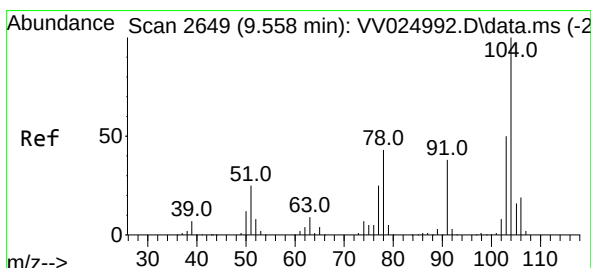
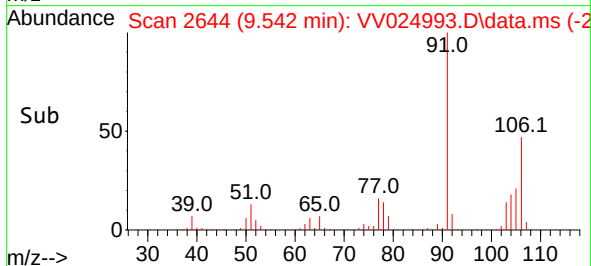
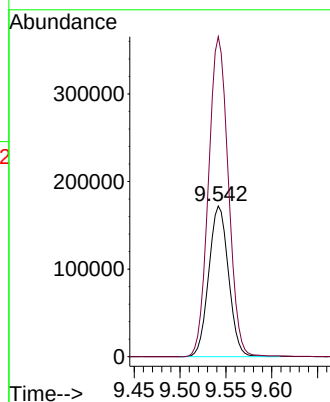
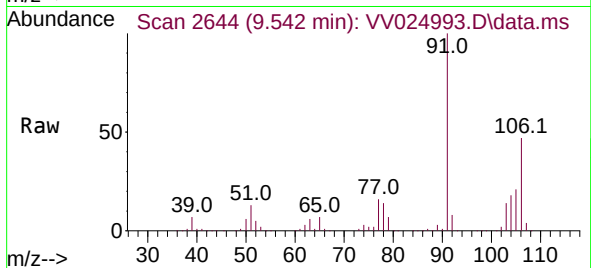




#54
o-xylene
Concen: 10.701 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024993.D
Acq: 15 Mar 2022 12:48

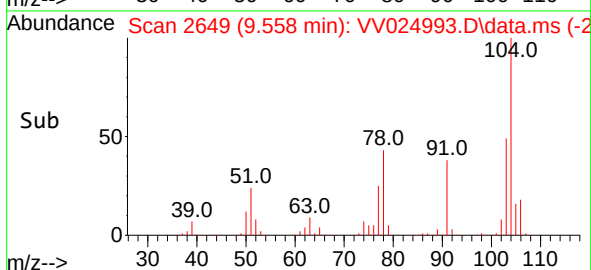
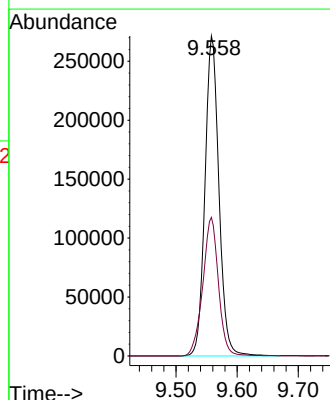
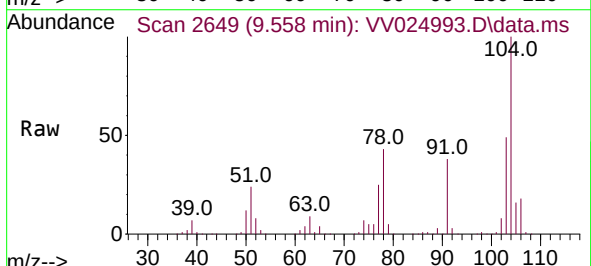
Instrument :
MSVOA_V
ClientSampleId :
VSTD010222

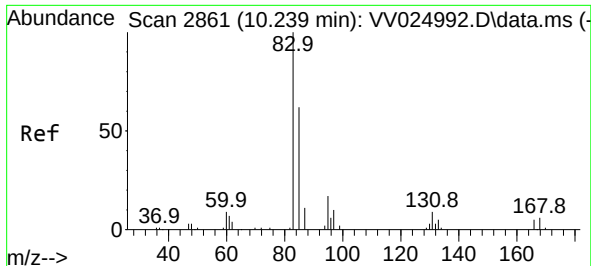
Tgt Ion:106 Resp: 257775
Ion Ratio Lower Upper
106 100
91 212.3 146.7 272.5



#55
Styrene
Concen: 10.983 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV024993.D
Acq: 15 Mar 2022 12:48

Tgt Ion:104 Resp: 430885
Ion Ratio Lower Upper
104 100
78 43.3 30.2 56.2





#57

1,1,2,2-Tetrachloroethane

Concen: 10.456 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV024993.D

Acq: 15 Mar 2022 12:48

Instrument :

MSVOA_V

ClientSampleId :

VSTD010222

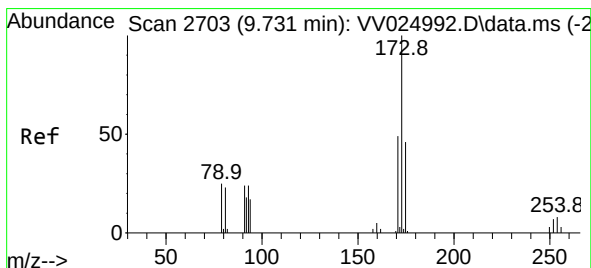
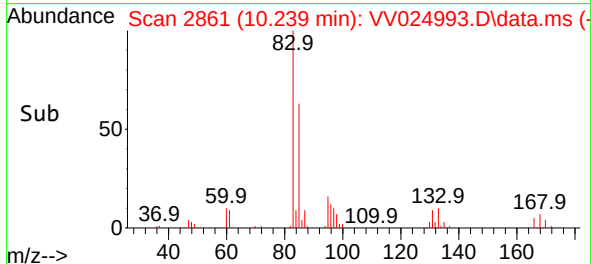
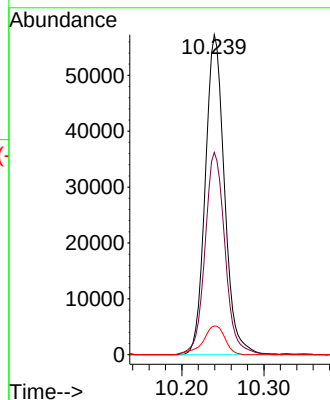
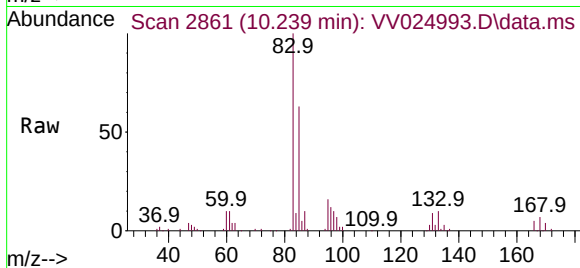
Tgt Ion: 83 Resp: 92965

Ion Ratio Lower Upper

83 100

85 63.2 43.9 81.5

131 8.9 7.5 11.3



#59

Bromoform

Concen: 10.020 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. -0.000 min

Lab File: VV024993.D

Acq: 15 Mar 2022 12:48

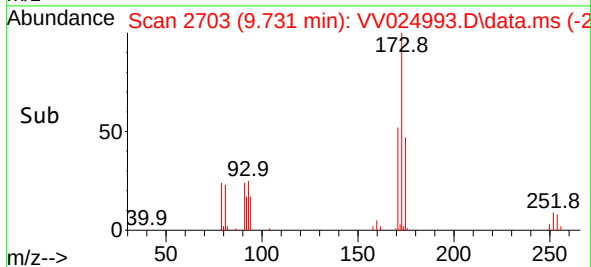
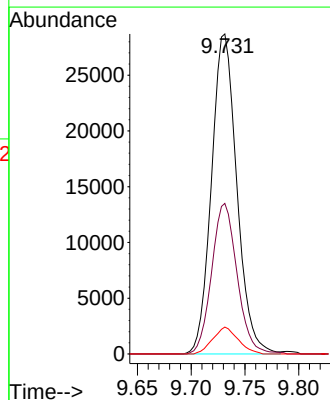
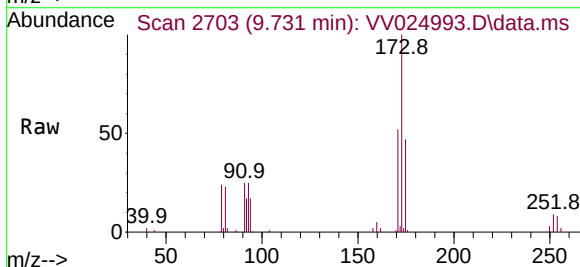
Tgt Ion: 173 Resp: 47099

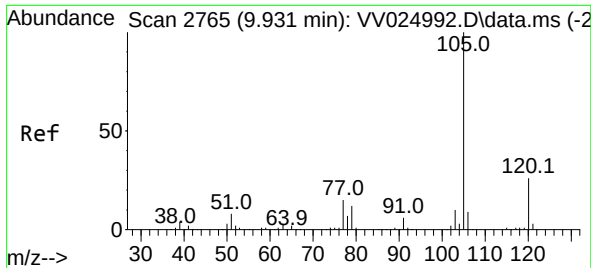
Ion Ratio Lower Upper

173 100

175 47.2 37.8 56.8

254 8.4 5.8 8.6

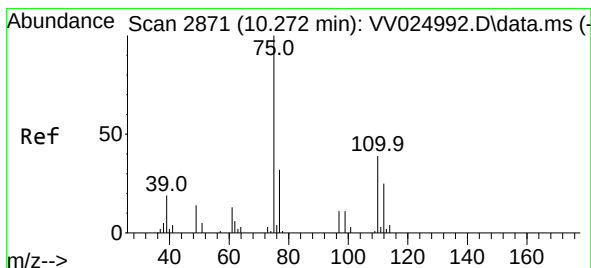
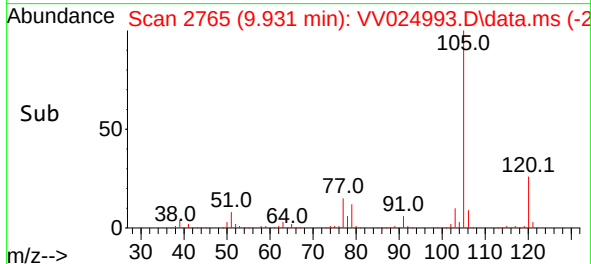
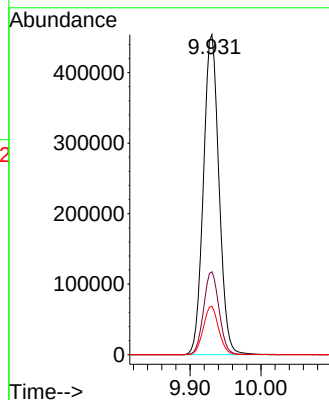
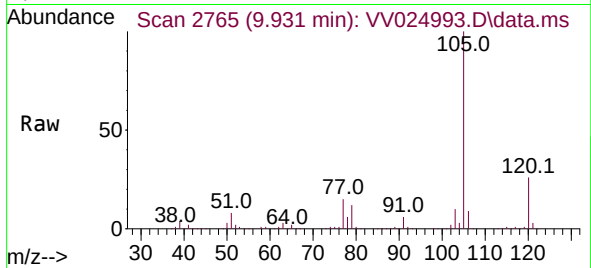




#60
Isopropylbenzene
Concen: 10.526 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV024993.D
Acq: 15 Mar 2022 12:48

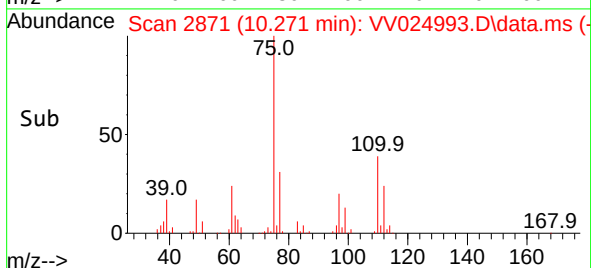
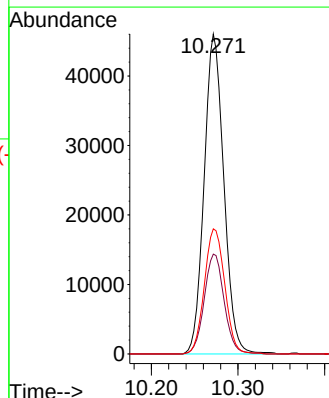
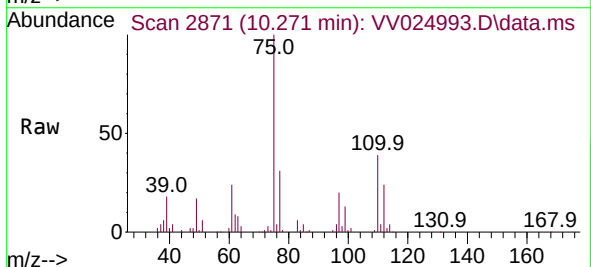
Instrument :
MSVOA_V
ClientSampleId :
VSTD010222

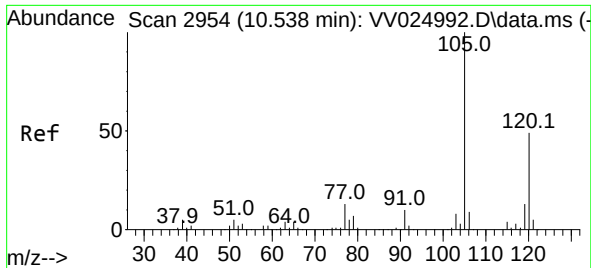
Tgt Ion:105 Resp: 692782
Ion Ratio Lower Upper
105 100
120 25.8 20.7 31.1
77 15.0 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 9.923 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV024993.D
Acq: 15 Mar 2022 12:48

Tgt Ion: 75 Resp: 72834
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5
110 40.4 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 10.651 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV024993.D

Acq: 15 Mar 2022 12:48

Instrument :

MSVOA_V

ClientSampleId :

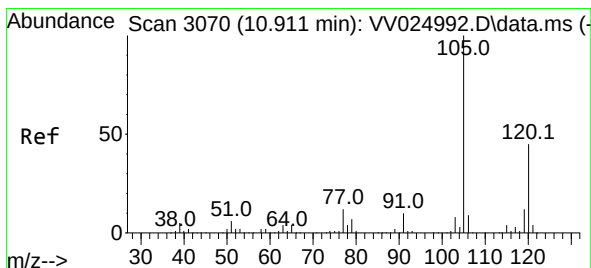
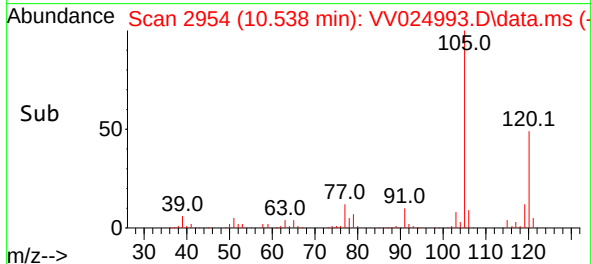
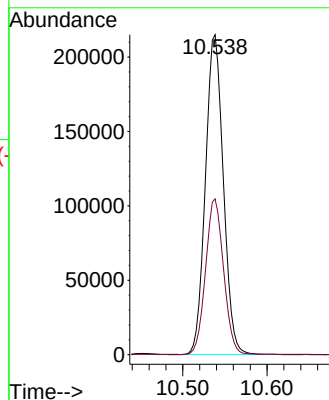
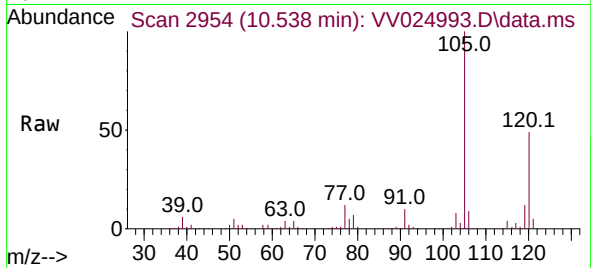
VSTD010222

Tgt Ion:105 Resp: 318116

Ion Ratio Lower Upper

105 100

120 49.1 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 10.992 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV024993.D

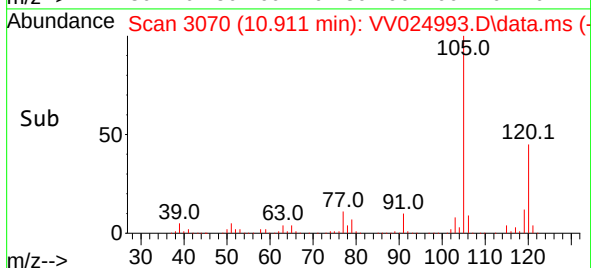
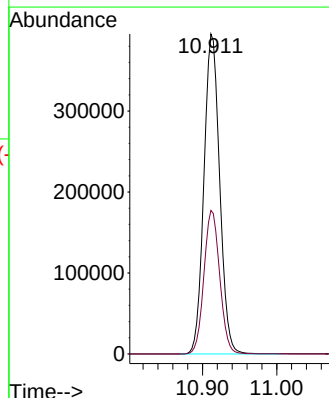
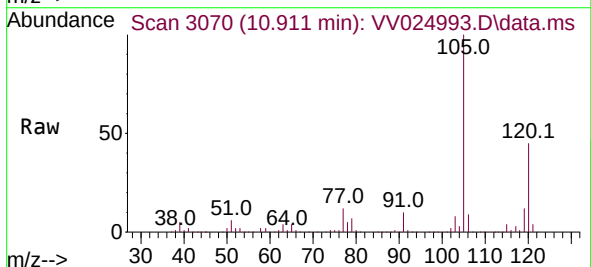
Acq: 15 Mar 2022 12:48

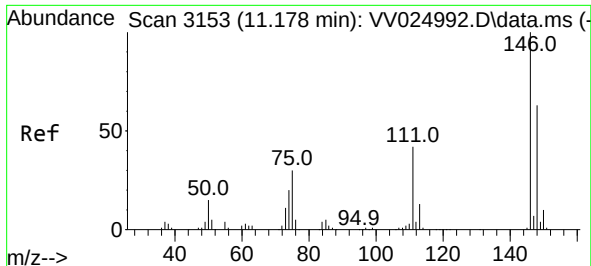
Tgt Ion:105 Resp: 581412

Ion Ratio Lower Upper

105 100

120 45.0 35.8 53.8

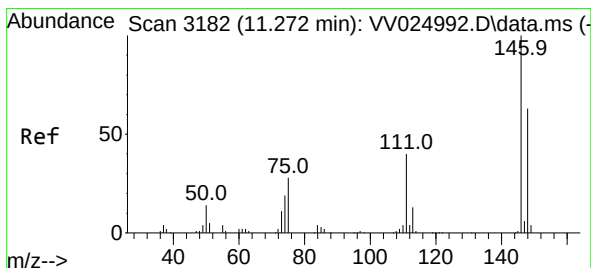
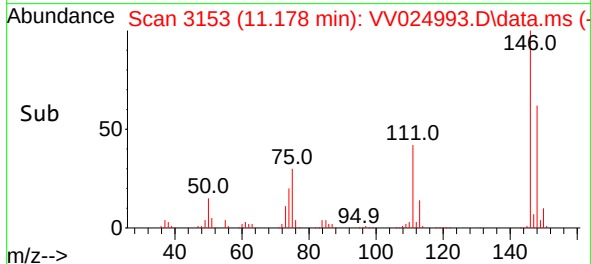
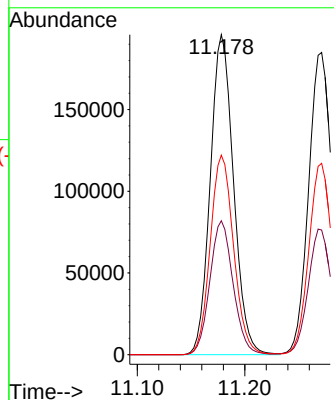
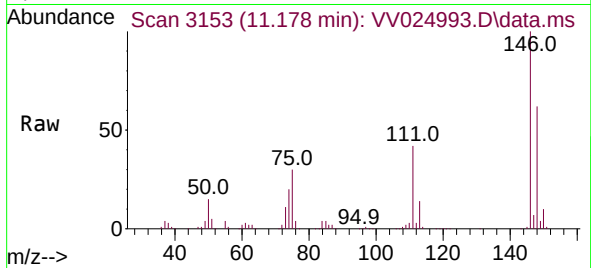




#64
 1,3-Dichlorobenzene
 Concen: 10.322 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. -0.000 min
 Lab File: VV024993.D
 Acq: 15 Mar 2022 12:48

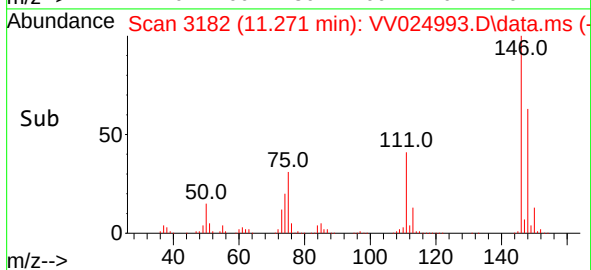
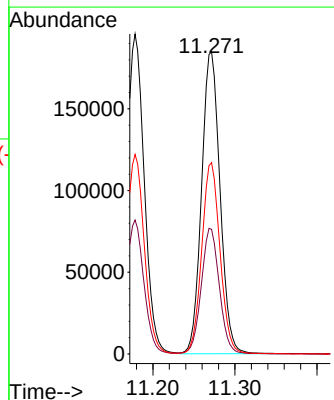
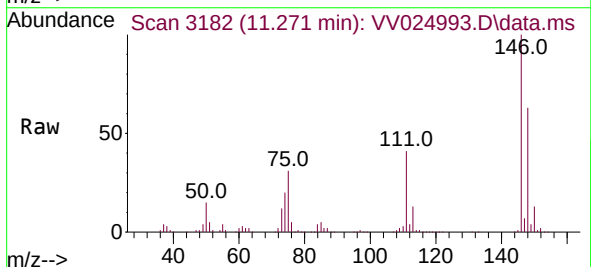
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010222

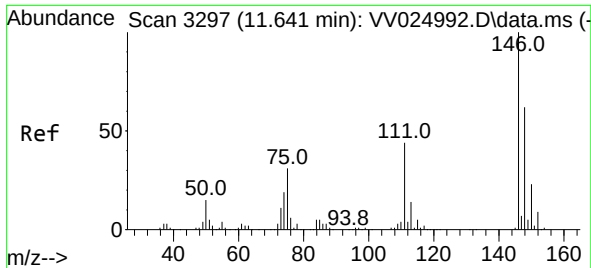
Tgt Ion:146 Resp: 294700
 Ion Ratio Lower Upper
 146 100
 111 41.9 29.2 54.2
 148 62.3 43.8 81.4



#65
 1,4-Dichlorobenzene
 Concen: 10.025 ug/L
 RT: 11.271 min Scan# 3182
 Delta R.T. -0.000 min
 Lab File: VV024993.D
 Acq: 15 Mar 2022 12:48

Tgt Ion:146 Resp: 288539
 Ion Ratio Lower Upper
 146 100
 111 41.2 28.2 52.4
 148 63.3 43.8 81.4

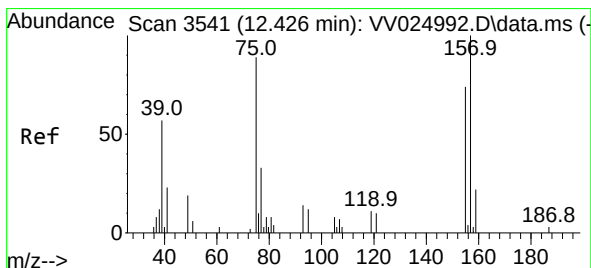
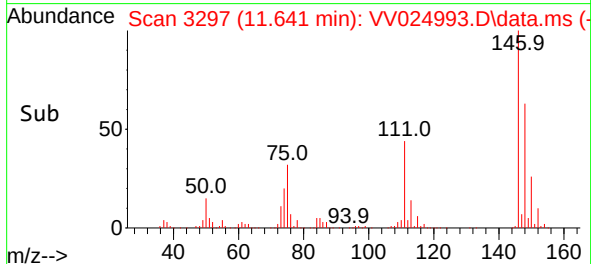
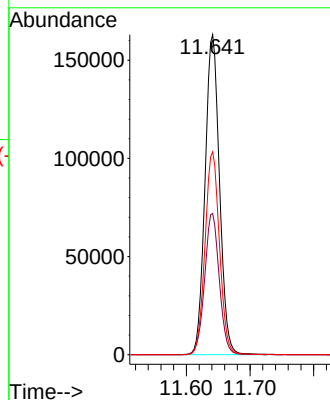
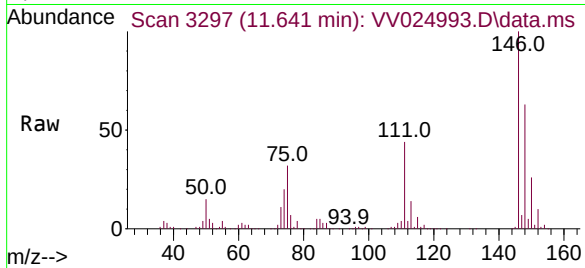




#67
 1,2-Dichlorobenzene
 Concen: 10.171 ug/L
 RT: 11.641 min Scan# 3297
 Delta R.T. -0.000 min
 Lab File: VV024993.D
 Acq: 15 Mar 2022 12:48

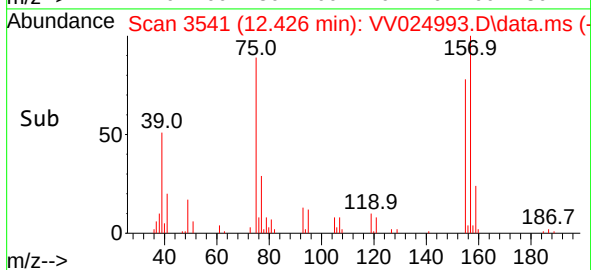
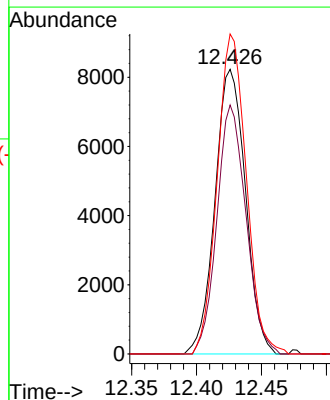
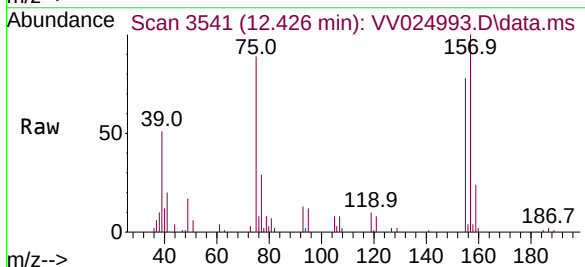
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010222

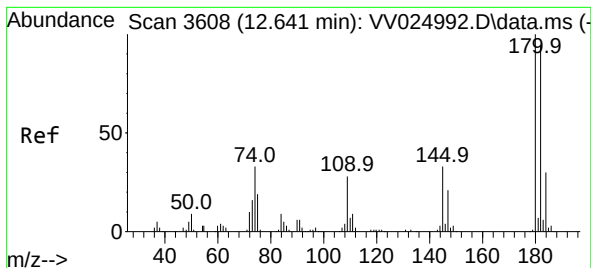
Tgt Ion:146 Resp: 257307
 Ion Ratio Lower Upper
 146 100
 111 44.1 35.5 53.3
 148 63.4 49.7 74.5



#68
 1,2-Dibromo-3-chloropropane
 Concen: 10.668 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. -0.000 min
 Lab File: VV024993.D
 Acq: 15 Mar 2022 12:48

Tgt Ion: 75 Resp: 13423
 Ion Ratio Lower Upper
 75 100
 155 87.5 65.9 98.9
 157 112.4 89.7 134.5





#69

1,3,5-Trichlorobenzene

Concen: 10.453 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. -0.000 min

Lab File: VV024993.D

Acq: 15 Mar 2022 12:48

Instrument :

MSVOA_V

ClientSampleId :

VSTD010222

Tgt Ion:180 Resp: 210801

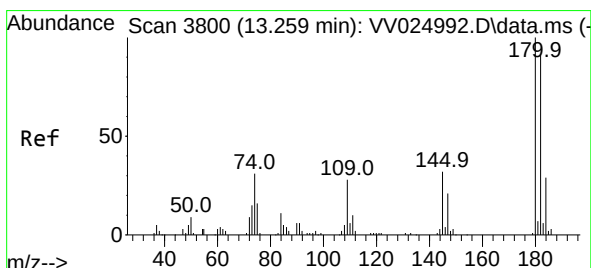
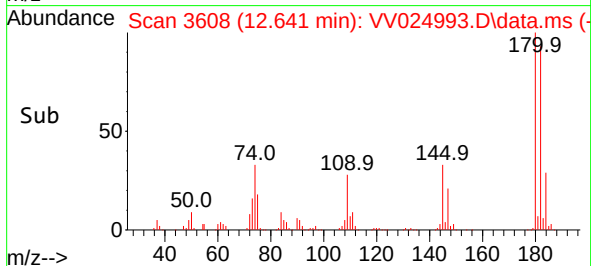
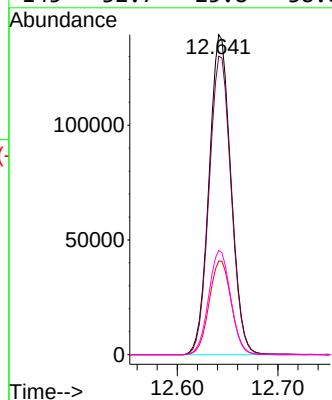
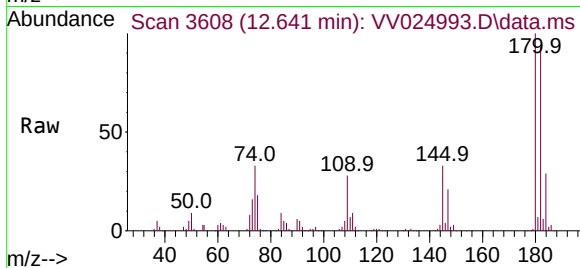
Ion Ratio Lower Upper

180 100

182 94.4 75.4 113.0

184 29.7 24.2 36.4

145 32.7 25.8 38.8



#70

1,2,4-trichlorobenzene

Concen: 10.535 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV024993.D

Acq: 15 Mar 2022 12:48

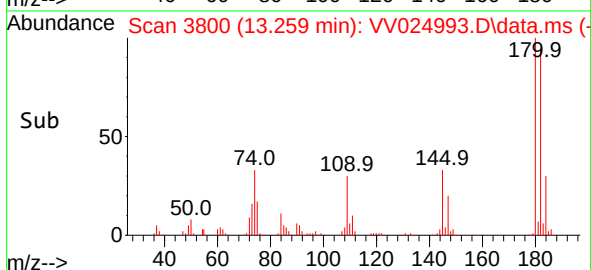
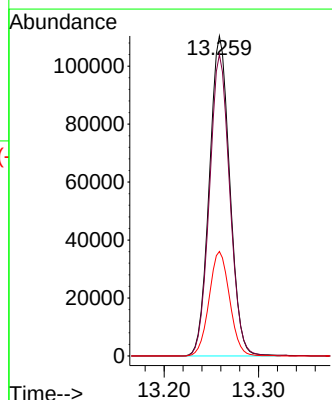
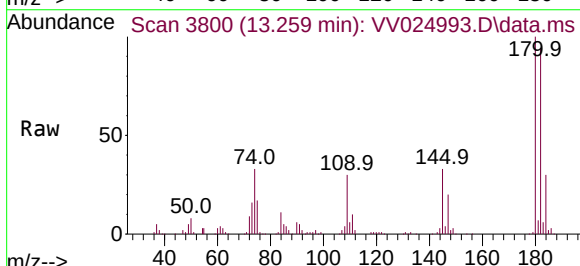
Tgt Ion:180 Resp: 165536

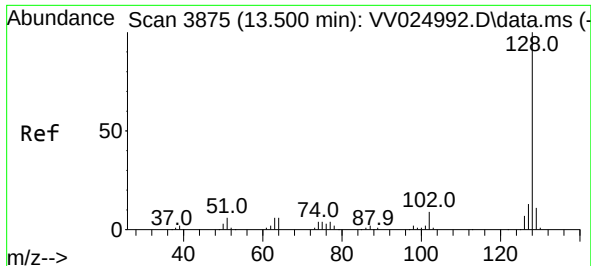
Ion Ratio Lower Upper

180 100

182 93.8 74.6 112.0

145 32.8 26.1 39.1

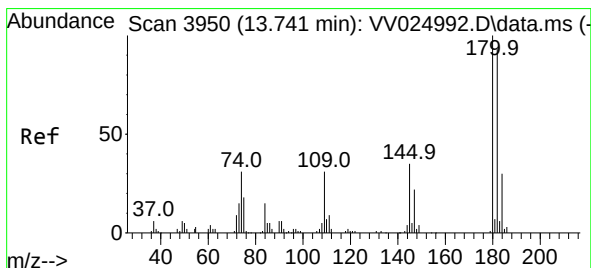
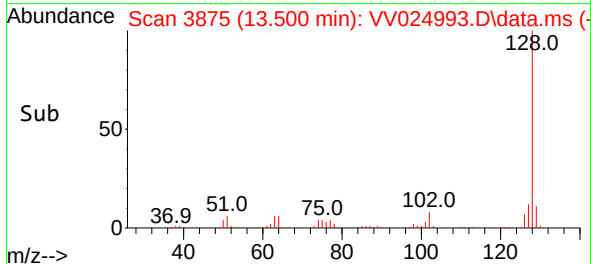
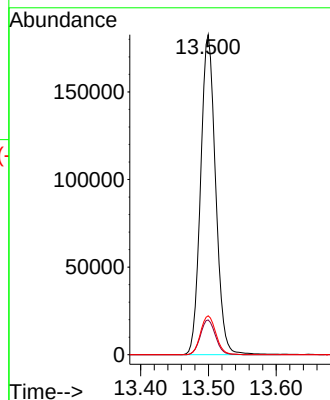
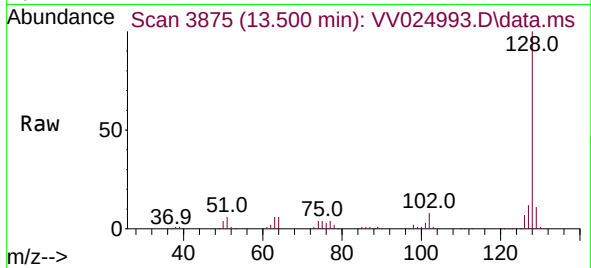




#71
Naphthalene
Concen: 10.743 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV024993.D
Acq: 15 Mar 2022 12:48

Instrument :
MSVOA_V
ClientSampleId :
VSTD010222

Tgt Ion:128 Resp: 280299
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 12.4 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 10.452 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV024993.D
Acq: 15 Mar 2022 12:48

Tgt Ion:180 Resp: 139158
Ion Ratio Lower Upper
180 100
182 94.7 74.8 112.2
145 35.6 27.6 41.4

