

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031522\
 Data File : VW024991.D
 Acq On : 15 Mar 2022 12:01
 Operator : SY/MD
 Sample : VSTD00120
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001220

Quant Time: Mar 16 02:55:57 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	5.612	114	224044	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	209895	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	94975	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	18466	1.044	ug/L	0.00
7) Chloroethane-d5	1.568	69	13312	1.028	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	29449	1.030	ug/L	0.00
20) 2-Butanone-d5	3.918	46	10496	5.603	ug/L	0.02
24) Chloroform-d	4.349	84	30267	1.032	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	12996	1.060	ug/L	0.00
32) Benzene-d6	5.050	84	62054	1.019	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	17304	0.988	ug/L	0.00
41) Toluene-d8	7.317	98	55070	0.992	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	5612	0.919	ug/L	0.00
46) 2-Hexanone-d5	8.091	63	18687	8.976	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	10704	1.039	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	16344	1.017	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	18277	0.923	ug/L	94
3) Chloromethane	1.243	50	18282	0.979	ug/L	97
5) Vinyl chloride	1.310	62	18685	0.949	ug/L	94
6) Bromomethane	1.523	94	12508	0.983	ug/L	99
8) Chloroethane	1.587	64	11732	0.982	ug/L	98
9) Trichlorofluoromethane	1.754	101	25838	0.964	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	13364	0.920	ug/L	96
12) 1,1-Dichloroethene	2.117	96	13390	0.938	ug/L	84
13) Acetone	2.188	43	9041	7.274	ug/L	89
14) Carbon disulfide	2.294	76	47669	0.933	ug/L	99
15) Methyl Acetate	2.442	43	3377	0.813	ug/L #	86
16) Methylene chloride	2.510	84	17257	0.998	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	29189	0.939	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	16241	0.946	ug/L	99
19) 1,1-Dichloroethane	3.191	63	28594	0.978	ug/L	99
21) 2-Butanone	4.002	43	14092	6.956	ug/L	97
22) cis-1,2-Dichloroethene	3.915	96	16012	0.923	ug/L	91
23) Bromochloromethane	4.252	128	6511	0.952	ug/L	95
25) Chloroform	4.375	83	29430	0.967	ug/L	97
27) 1,2-Dichloroethane	5.133	62	15005	0.991	ug/L #	93
29) 1,1,1-Trichloroethane	4.606	97	24219	0.905	ug/L	96
30) Cyclohexane	4.677	56	22075	0.848	ug/L	97
31) Carbon tetrachloride	4.828	117	20748	0.903	ug/L	97
33) Benzene	5.098	78	63521	0.930	ug/L	100
34) Trichloroethene	5.915	95	16861	0.928	ug/L	97
35) Methylcyclohexane	6.130	83	23781	0.826	ug/L	98
37) 1,2-Dichloropropane	6.172	63	13841	0.882	ug/L #	94
38) Bromodichloromethane	6.510	83	18319	0.923	ug/L	96
39) cis-1,3-Dichloropropene	7.030	75	19022	0.873	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	55615	8.615	ug/L	96
42) Toluene	7.387	91	66043	0.924	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	14621	0.853	ug/L	100

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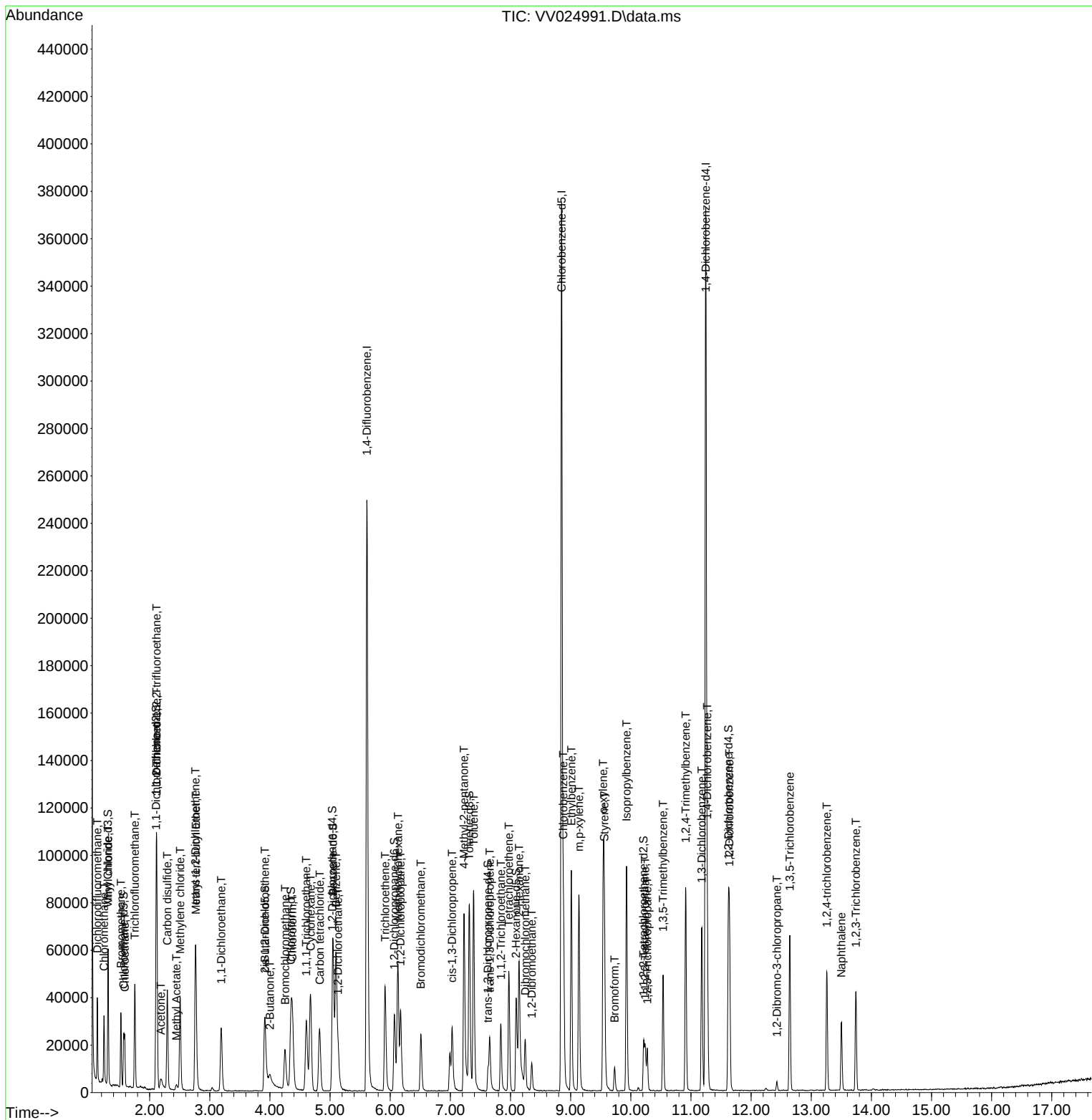
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 16 02:55:00 2022
 Response via : Initial Calibration

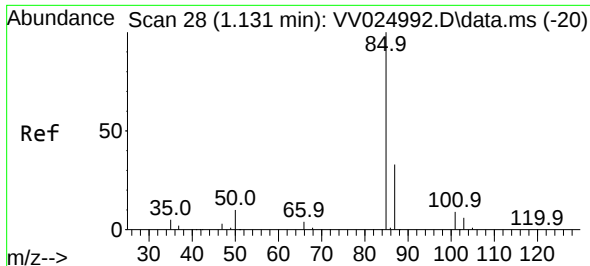
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.841	97	9606	0.917	ug/L	97
47) Tetrachloroethene	7.973	164	11637	0.910	ug/L	95
48) 2-Hexanone	8.143	43	41940	9.164	ug/L	94
49) Dibromochloromethane	8.246	129	10933	0.932	ug/L	98
50) 1,2-Dibromoethane	8.352	107	8919	0.930	ug/L	99
51) Chlorobenzene	8.879	112	41380	0.925	ug/L	96
52) Ethylbenzene	9.011	91	67267	0.890	ug/L	98
53) m,p-xylene	9.140	106	25737	0.884	ug/L	100
54) o-xylene	9.542	106	23490	0.844	ug/L	89
55) Styrene	9.561	104	38458	0.848	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	9672	0.941	ug/L	94
59) Bromoform	9.731	173	4662	0.911	ug/L	98
60) Isopropylbenzene	9.931	105	63495	0.886	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	7572	0.948	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	27604	0.849	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	47947	0.833	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	27787	0.894	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	29601	0.945	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	26142	0.950	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	1179	0.861	ug/L	85
69) 1,3,5-Trichlorobenzene	12.644	180	18876	0.860	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	14886	0.871	ug/L	99
71) Naphthalene	13.503	128	23381	0.823	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	12598	0.870	ug/L	99

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

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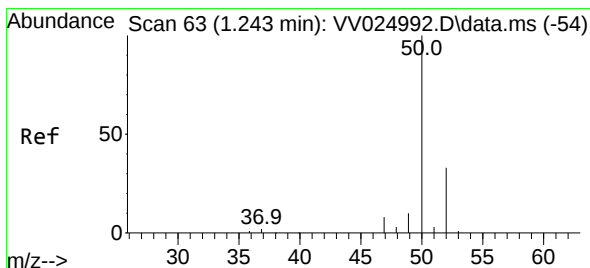
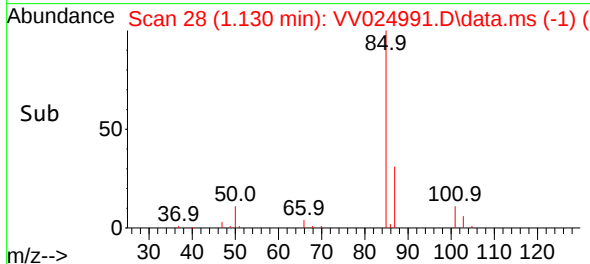
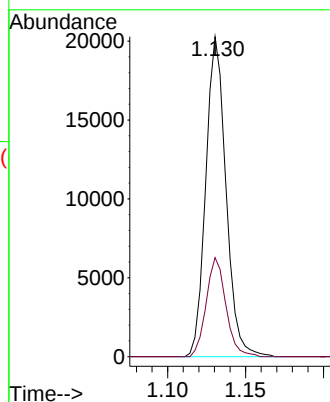
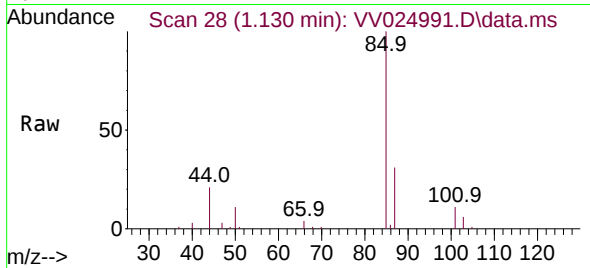




#2
 Dichlorodifluoromethane
 Concen: 0.923 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV024991.D
 Acq: 15 Mar 2022 12:01

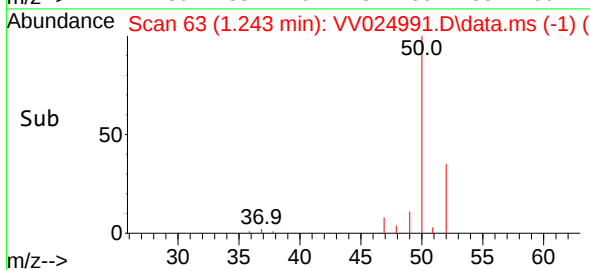
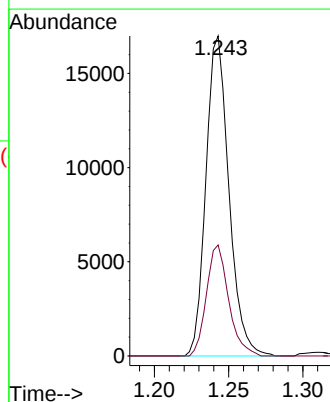
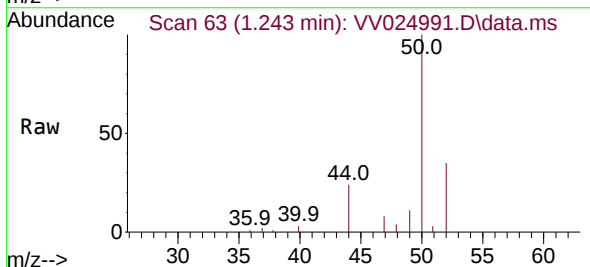
Instrument :
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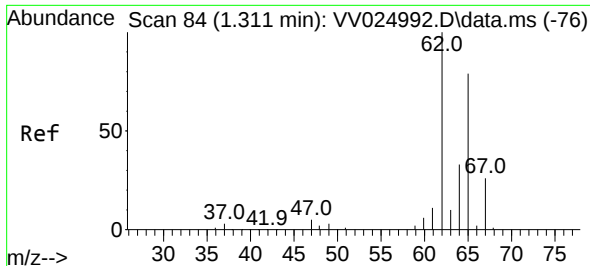
Tgt Ion: 85 Resp: 18277
 Ion Ratio Lower Upper
 85 100
 87 30.2 26.7 40.1



#3
 Chloromethane
 Concen: 0.979 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV024991.D
 Acq: 15 Mar 2022 12:01

Tgt Ion: 50 Resp: 18282
 Ion Ratio Lower Upper
 50 100
 52 34.7 23.2 43.2

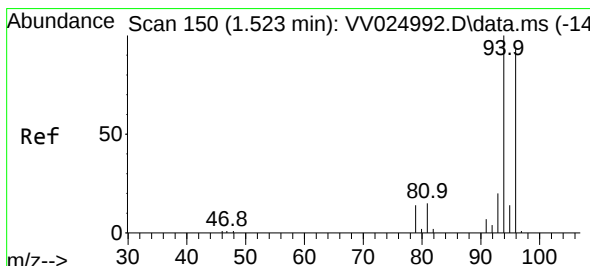
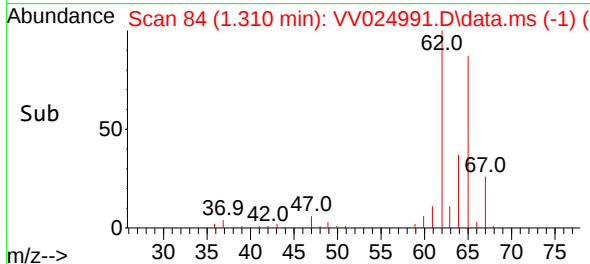
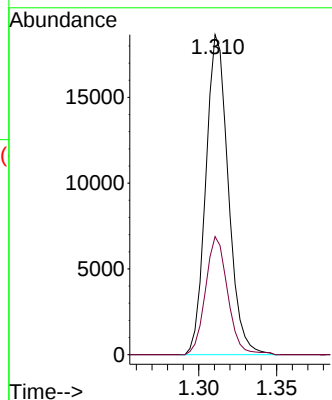
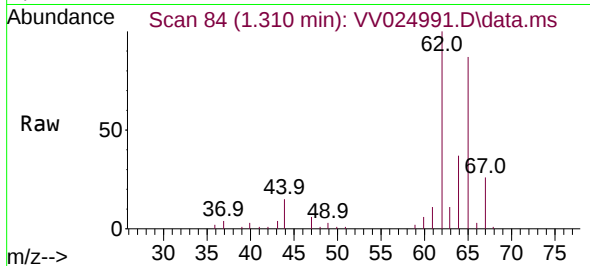




#5
 Vinyl chloride
 Concen: 0.949 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV024991.D
 Acq: 15 Mar 2022 12:01

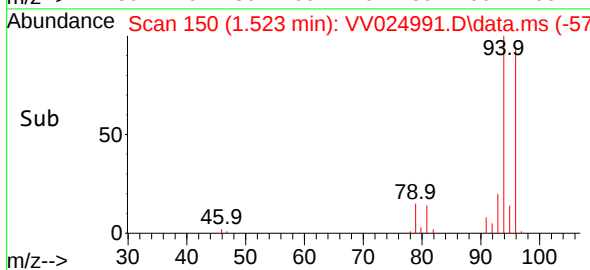
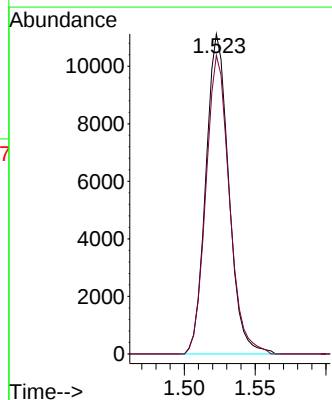
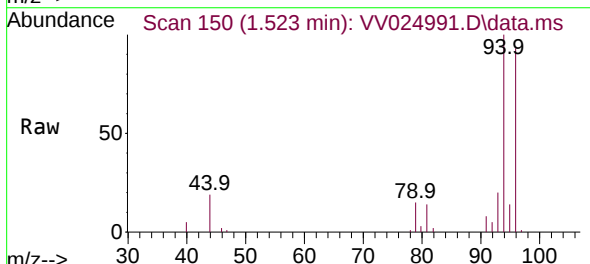
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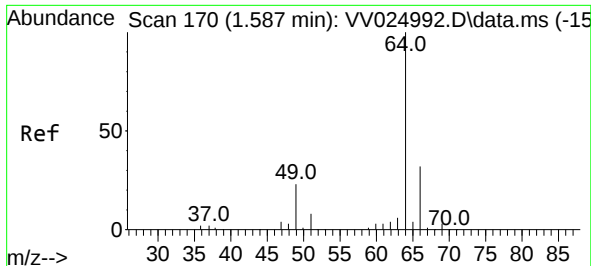
Tgt Ion: 62 Resp: 18685
 Ion Ratio Lower Upper
 62 100
 64 36.9 23.4 43.4



#6
 Bromomethane
 Concen: 0.983 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV024991.D
 Acq: 15 Mar 2022 12:01

Tgt Ion: 94 Resp: 12508
 Ion Ratio Lower Upper
 94 100
 96 93.3 64.9 120.5

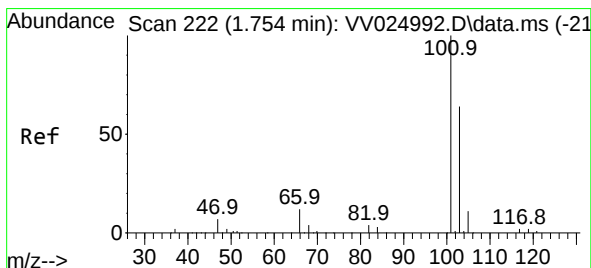
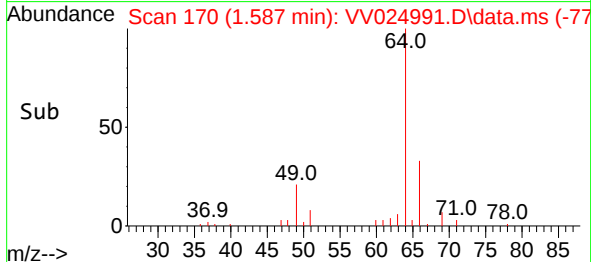
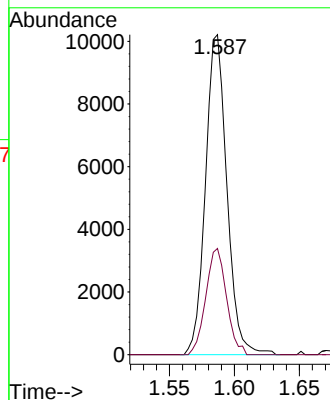
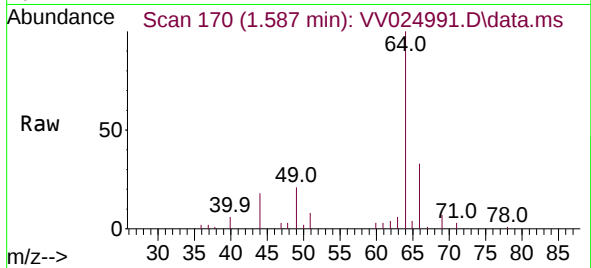




#8
Chloroethane
Concen: 0.982 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV024991.D
Acq: 15 Mar 2022 12:01

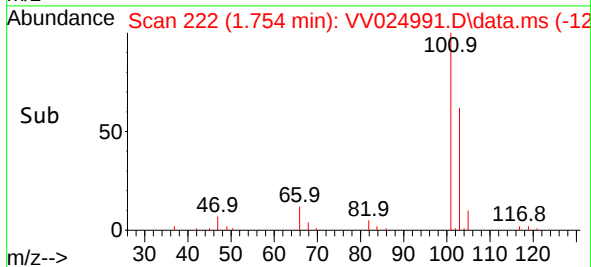
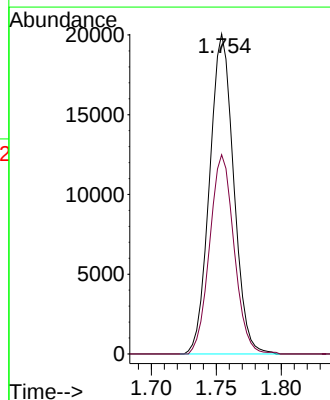
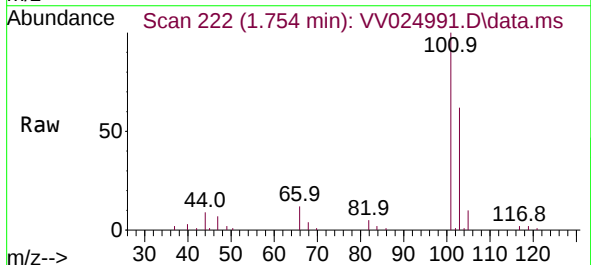
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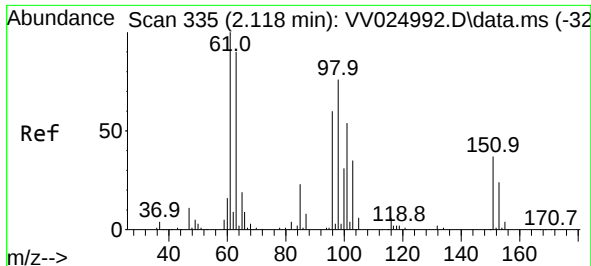
Tgt Ion: 64 Resp: 11732
Ion Ratio Lower Upper
64 100
66 33.2 22.5 41.7



#9
Trichlorofluoromethane
Concen: 0.964 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV024991.D
Acq: 15 Mar 2022 12:01

Tgt Ion:101 Resp: 25838
Ion Ratio Lower Upper
101 100
103 63.0 51.5 77.3

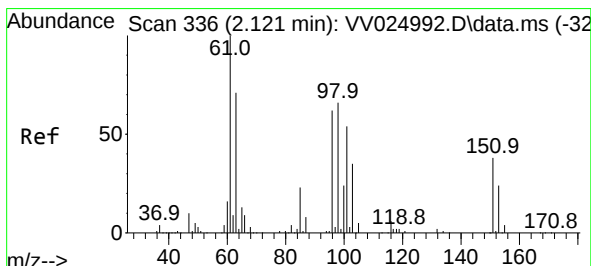
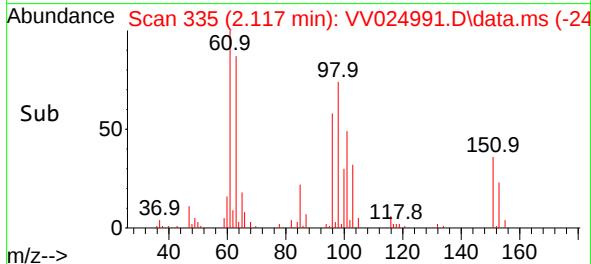
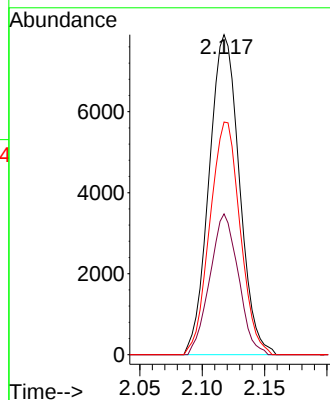
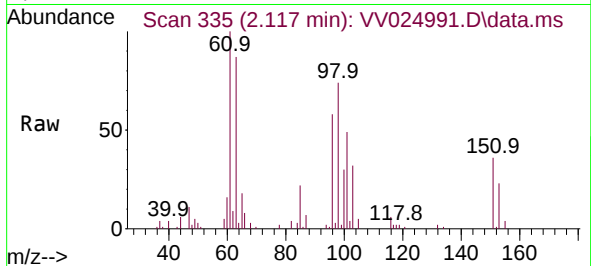




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.920 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV024991.D
 Acq: 15 Mar 2022 12:01

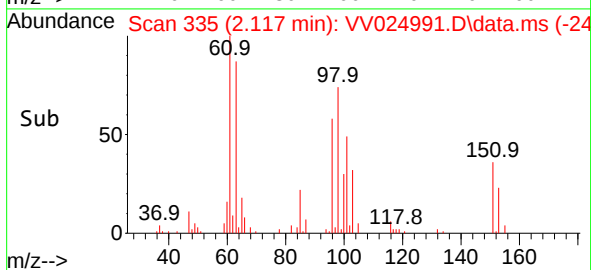
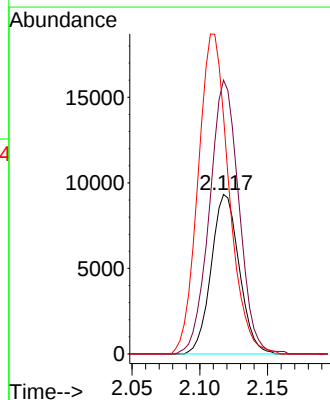
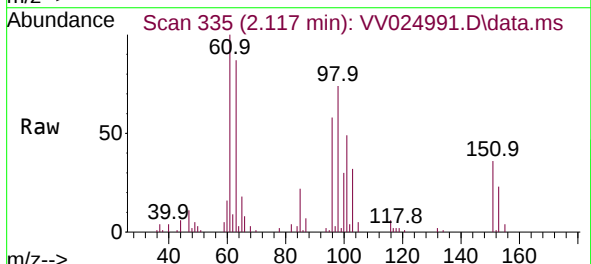
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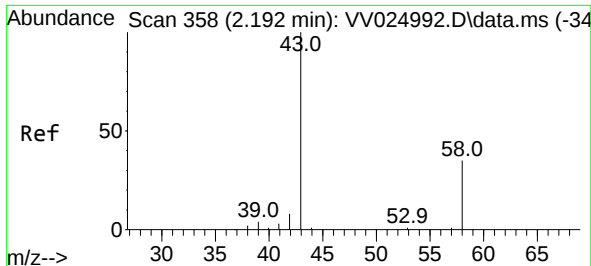
Tgt Ion:101 Resp: 13364
 Ion Ratio Lower Upper
 101 100
 85 41.4 34.8 52.2
 151 72.8 55.6 83.4



#12
 1,1-Dichloroethene
 Concen: 0.938 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV024991.D
 Acq: 15 Mar 2022 12:01

Tgt Ion: 96 Resp: 13390
 Ion Ratio Lower Upper
 96 100
 61 171.6 113.0 209.9
 63 148.8 82.1 152.5





#13

Acetone

Concen: 7.274 ug/L

RT: 2.188 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV024991.D

Acq: 15 Mar 2022 12:01

Instrument :

MSVOA_V

ClientSampleId :

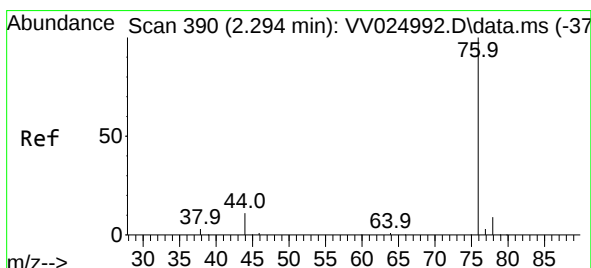
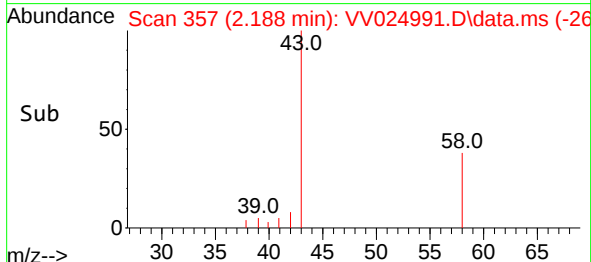
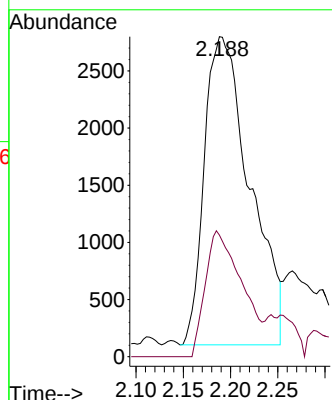
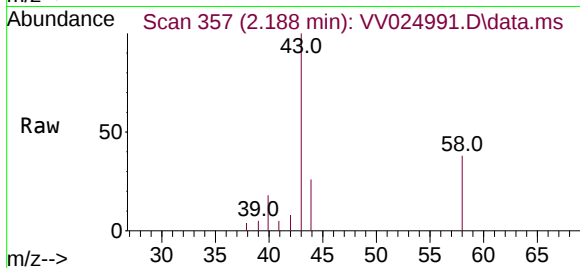
VSTD001220

Tgt Ion: 43 Resp: 9041

Ion Ratio Lower Upper

43 100

58 32.8 0.0 54.2



#14

Carbon disulfide

Concen: 0.933 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.000 min

Lab File: VV024991.D

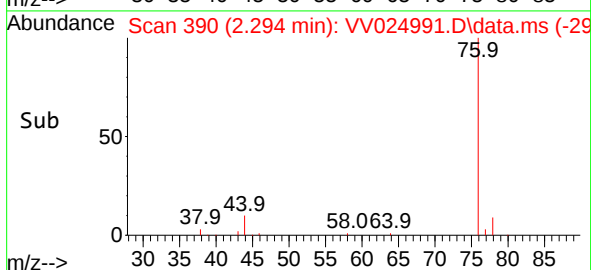
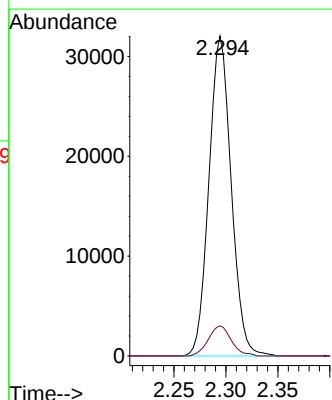
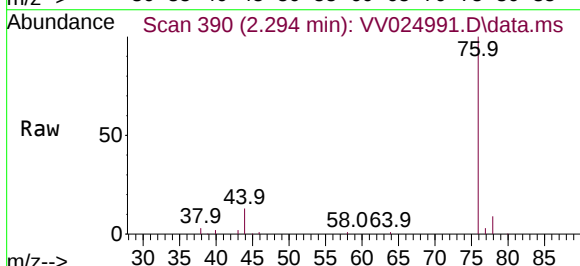
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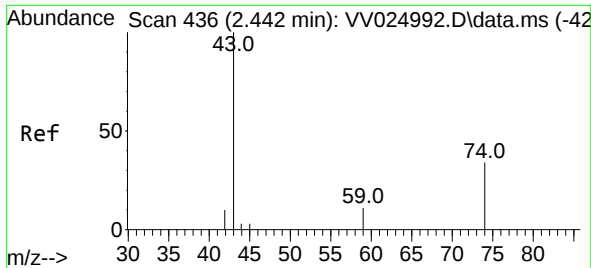
Tgt Ion: 76 Resp: 47669

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0

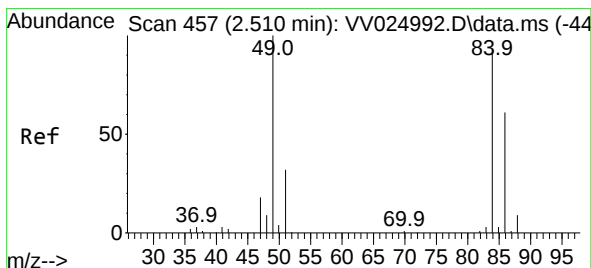
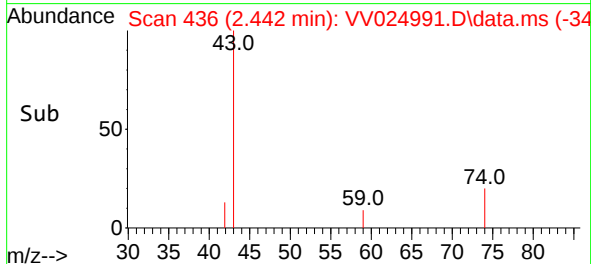
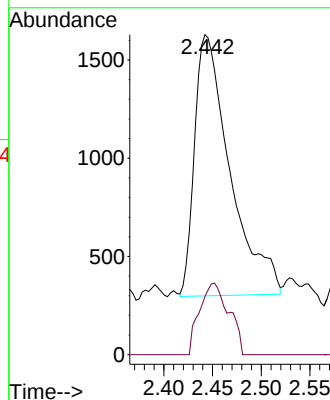
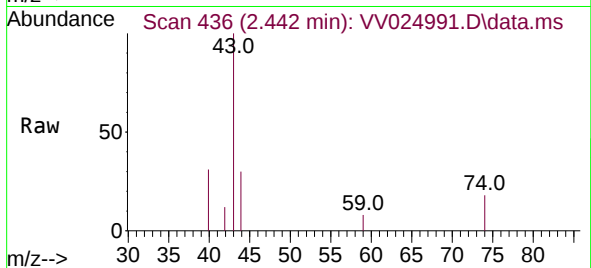




#15
Methyl Acetate
Concen: 0.813 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV024991.D
Acq: 15 Mar 2022 12:01

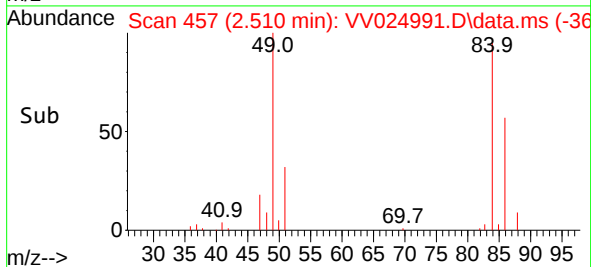
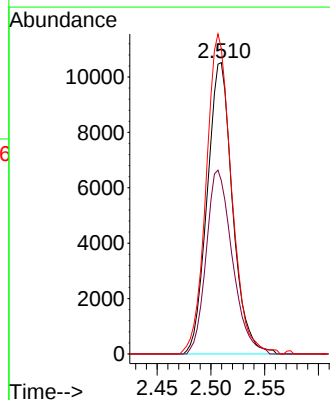
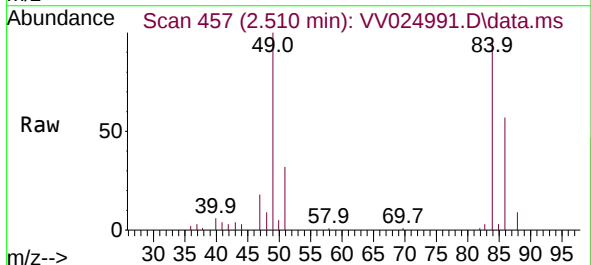
Instrument :
MSVOA_V
ClientSampleId :
VSTD001220

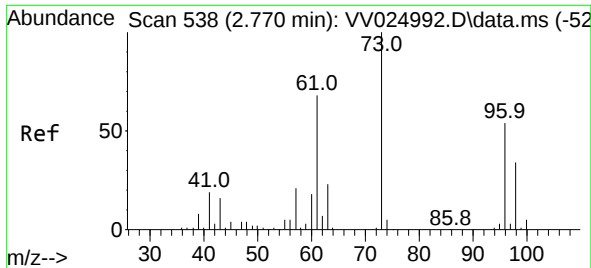
Tgt Ion: 43 Resp: 3377
Ion Ratio Lower Upper
43 100
74 22.5 24.2 36.4#



#16
Methylene chloride
Concen: 0.998 ug/L
RT: 2.510 min Scan# 457
Delta R.T. -0.000 min
Lab File: VV024991.D
Acq: 15 Mar 2022 12:01

Tgt Ion: 84 Resp: 17257
Ion Ratio Lower Upper
84 100
86 59.5 45.5 84.5
49 104.8 75.0 139.2

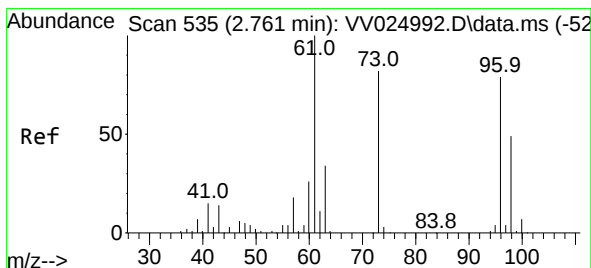
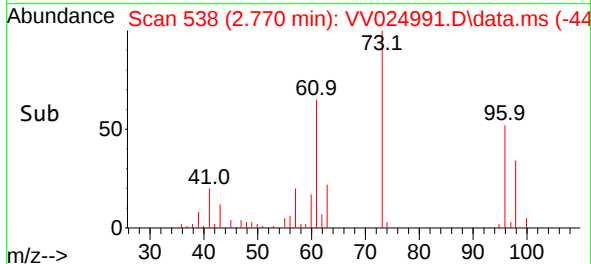
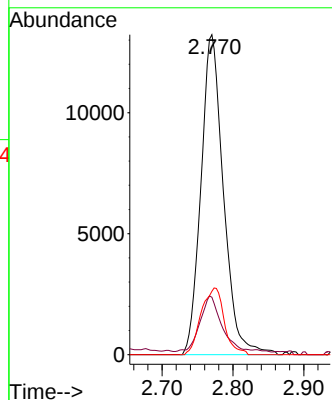
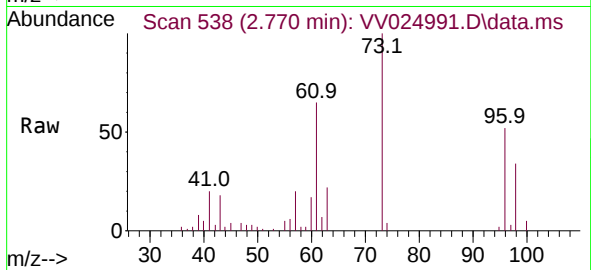




#17
Methyl tert-butyl Ether
Concen: 0.939 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV024991.D
Acq: 15 Mar 2022 12:01

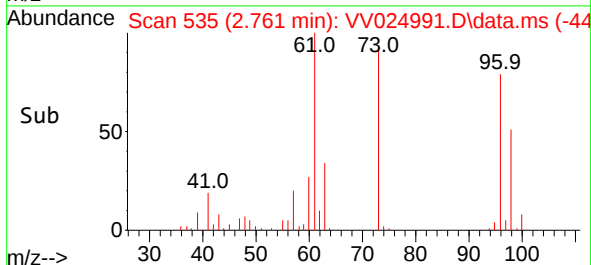
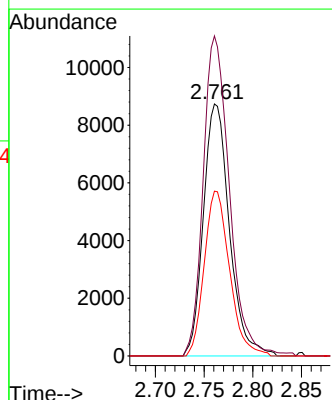
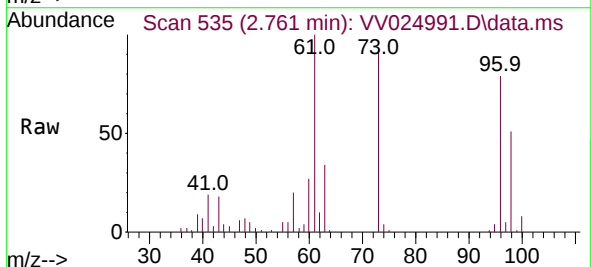
Instrument :
MSVOA_V
ClientSampleId :
VSTD001220

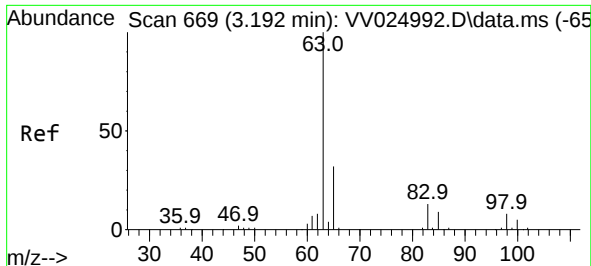
Tgt Ion: 73 Resp: 29189
Ion Ratio Lower Upper
73 100
43 16.4 13.2 19.8
57 21.4 16.7 25.1



#18
trans-1,2-Dichloroethene
Concen: 0.946 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV024991.D
Acq: 15 Mar 2022 12:01

Tgt Ion: 96 Resp: 16241
Ion Ratio Lower Upper
96 100
61 127.0 89.2 165.6
98 65.4 43.9 81.5





#19

1,1-Dichloroethane

Concen: 0.978 ug/L

RT: 3.191 min Scan# 669

Delta R.T. -0.000 min

Lab File: VV024991.D

Acq: 15 Mar 2022 12:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD001220

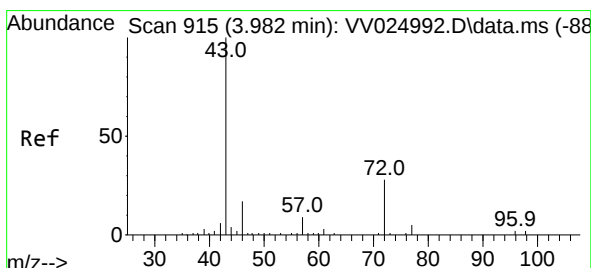
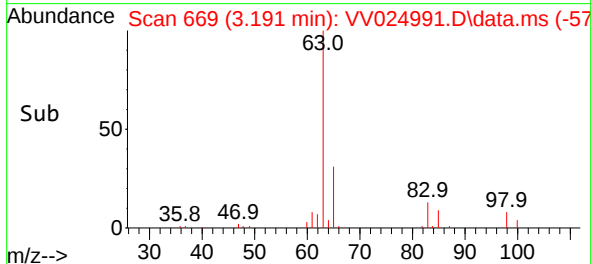
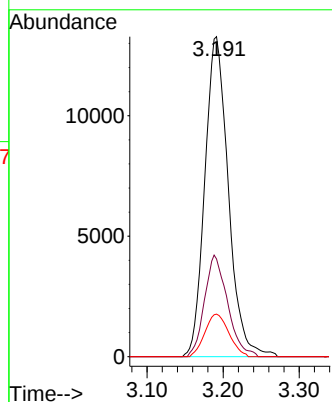
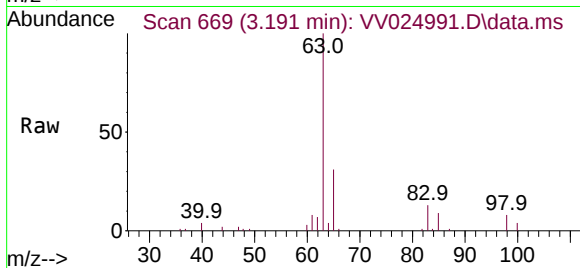
Tgt Ion: 63 Resp: 28594

Ion Ratio Lower Upper

63 100

65 30.6 22.2 41.2

83 13.3 9.4 17.4



#21

2-Butanone

Concen: 6.956 ug/L

RT: 4.002 min Scan# 921

Delta R.T. 0.019 min

Lab File: VV024991.D

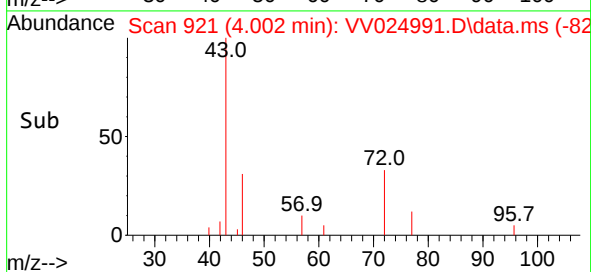
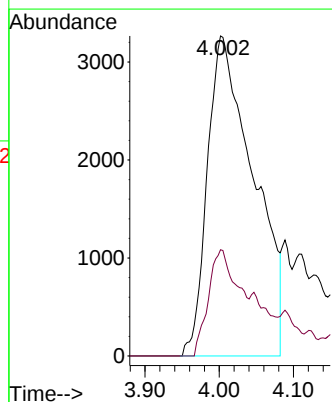
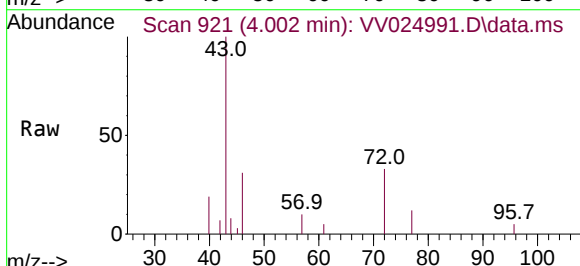
Acq: 15 Mar 2022 12:01

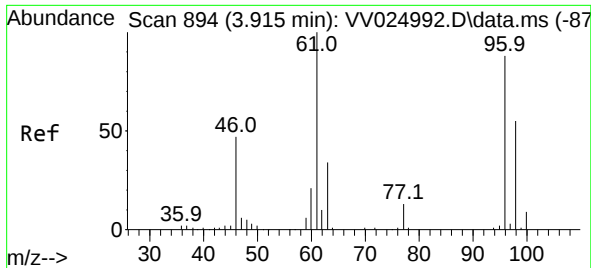
Tgt Ion: 43 Resp: 14092

Ion Ratio Lower Upper

43 100

72 22.0 10.4 31.2

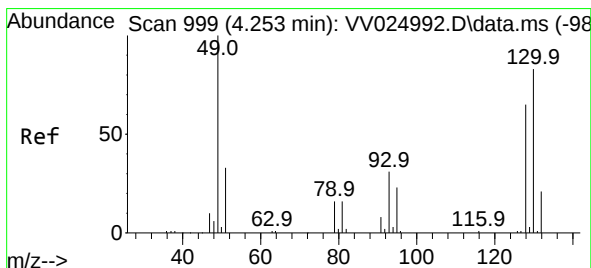
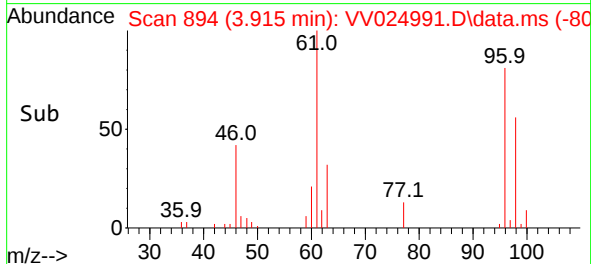
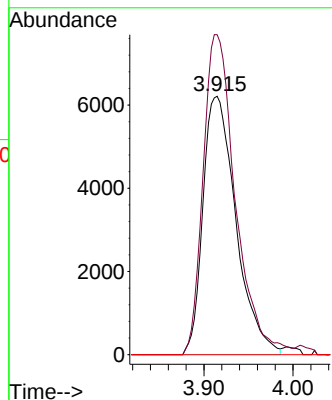
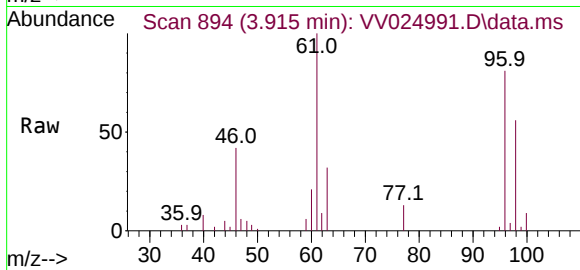




#22
 cis-1,2-Dichloroethene
 Concen: 0.923 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. -0.000 min
 Lab File: VV024991.D
 Acq: 15 Mar 2022 12:01

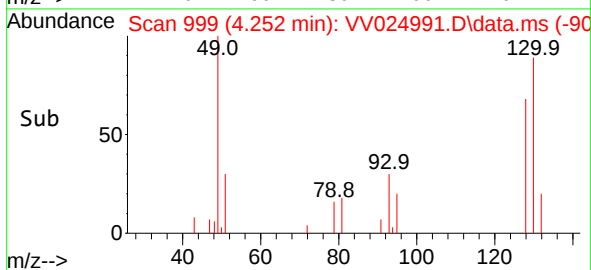
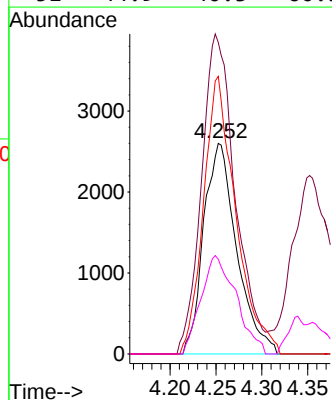
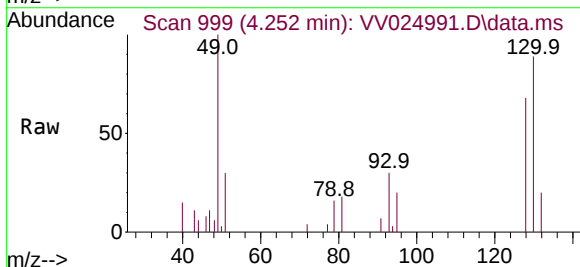
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001220

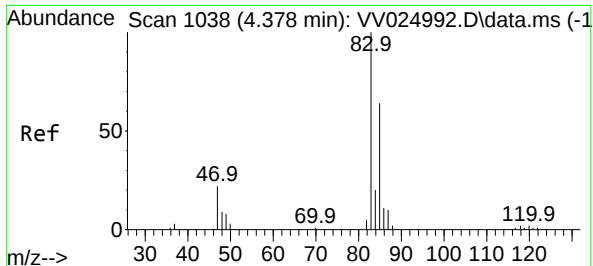
Tgt Ion: 96 Resp: 16012
 Ion Ratio Lower Upper
 96 100
 61 123.9 79.7 147.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 0.952 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. -0.000 min
 Lab File: VV024991.D
 Acq: 15 Mar 2022 12:01

Tgt Ion: 128 Resp: 6511
 Ion Ratio Lower Upper
 128 100
 49 147.9 107.5 199.7
 130 131.8 89.4 166.0
 51 44.9 40.3 60.5

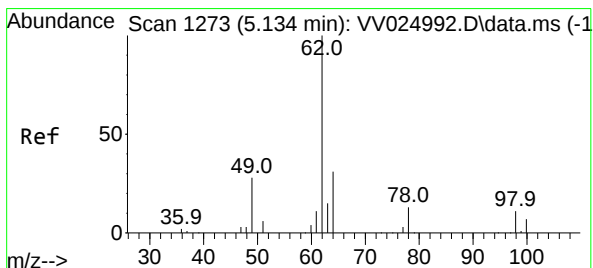
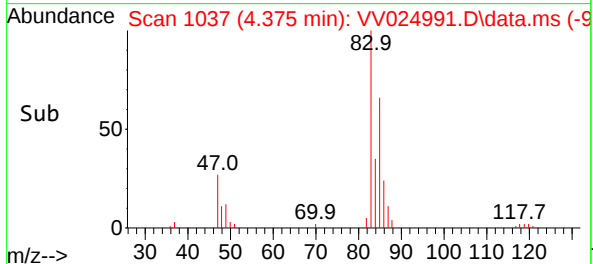
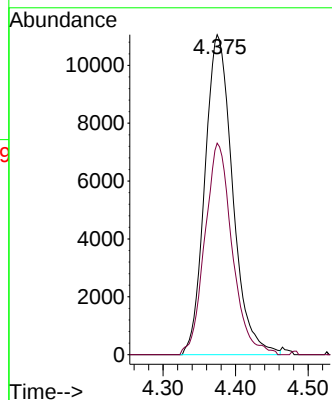
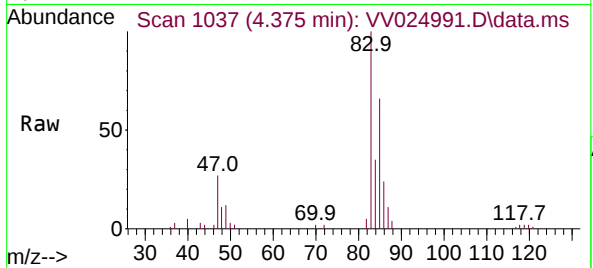




#25
Chloroform
Concen: 0.967 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VV024991.D
Acq: 15 Mar 2022 12:01

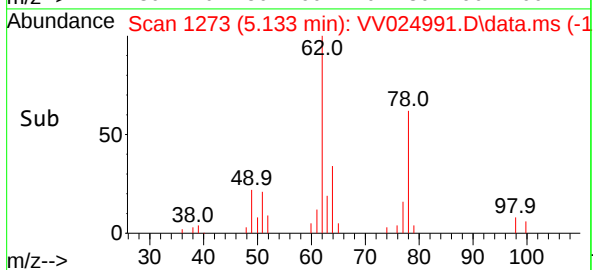
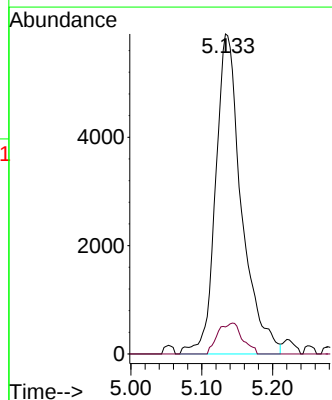
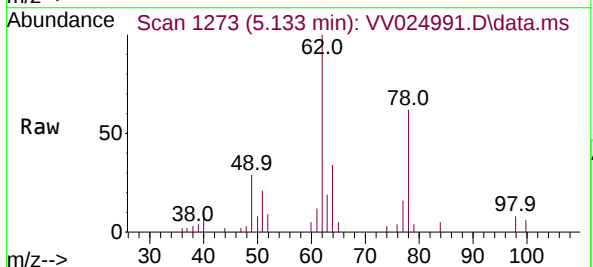
Instrument :
MSVOA_V
ClientSampleId :
VSTD001220

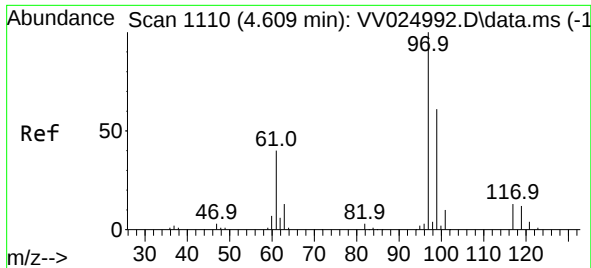
Tgt Ion: 83 Resp: 29430
Ion Ratio Lower Upper
83 100
85 66.1 44.5 82.7



#27
1,2-Dichloroethane
Concen: 0.991 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VV024991.D
Acq: 15 Mar 2022 12:01

Tgt Ion: 62 Resp: 15005
Ion Ratio Lower Upper
62 100
98 8.4 9.0 13.4





#29

1,1,1-Trichloroethane

Concen: 0.905 ug/L

RT: 4.606 min Scan# 1110

Delta R.T. -0.003 min

Lab File: VV024991.D

Acq: 15 Mar 2022 12:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD001220

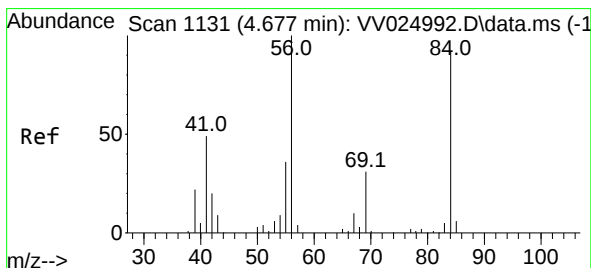
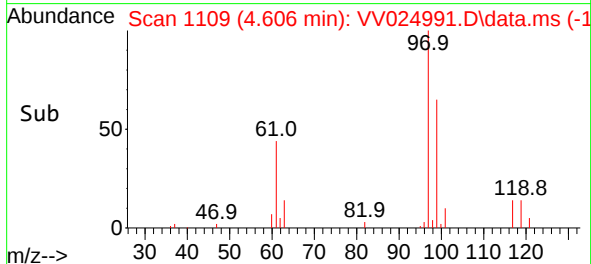
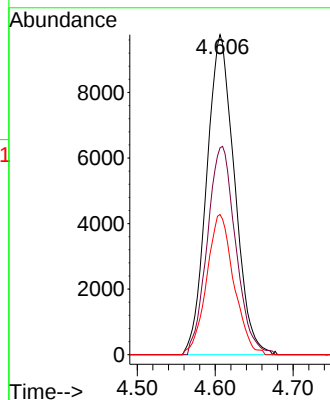
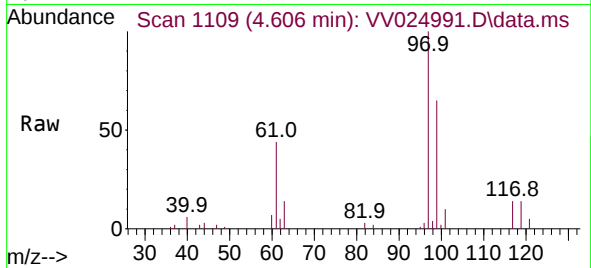
Tgt Ion: 97 Resp: 24219

Ion Ratio Lower Upper

97 100

99 66.4 50.7 76.1

61 42.8 32.4 48.6



#30

Cyclohexane

Concen: 0.848 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VV024991.D

Acq: 15 Mar 2022 12:01

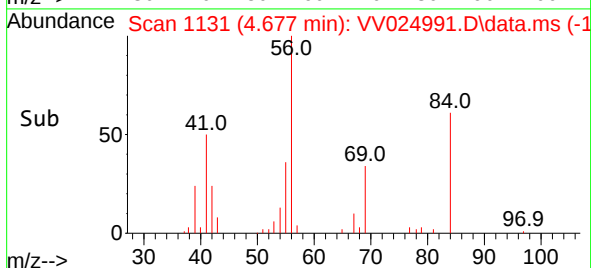
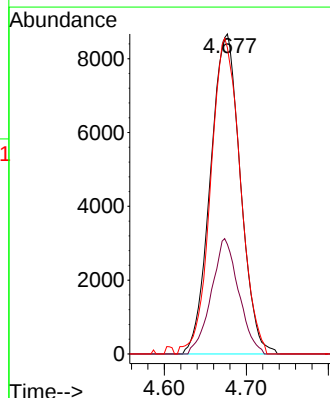
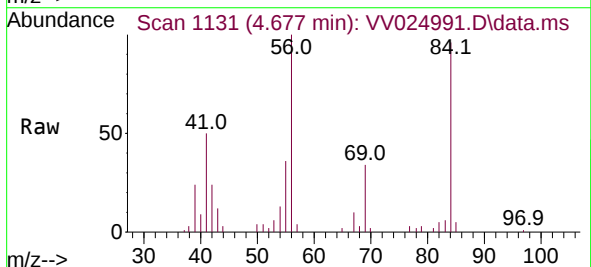
Tgt Ion: 56 Resp: 22075

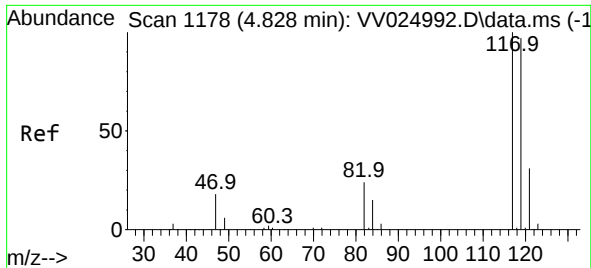
Ion Ratio Lower Upper

56 100

69 32.8 24.9 37.3

84 97.3 75.9 113.9

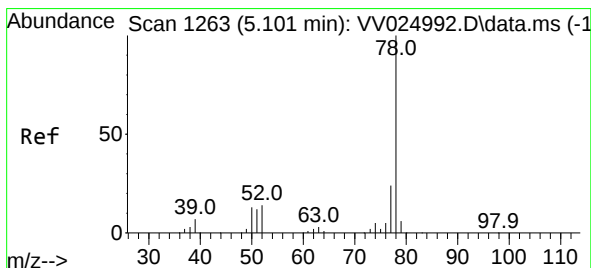
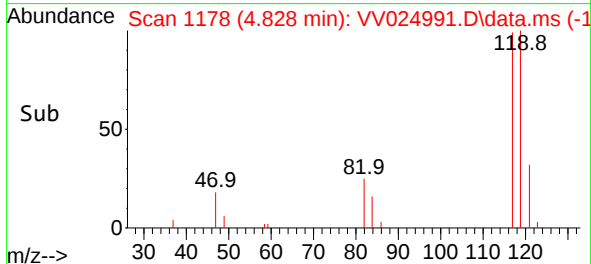
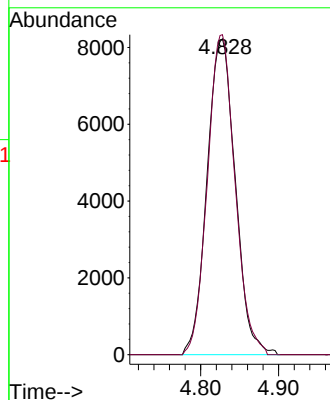
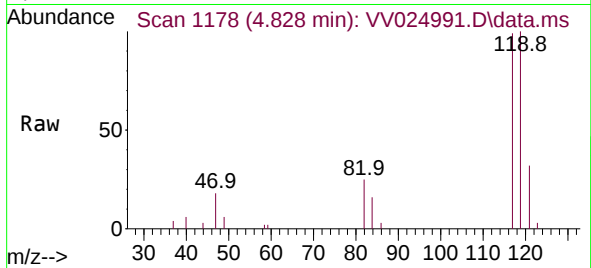




#31
Carbon tetrachloride
Concen: 0.903 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV024991.D
Acq: 15 Mar 2022 12:01

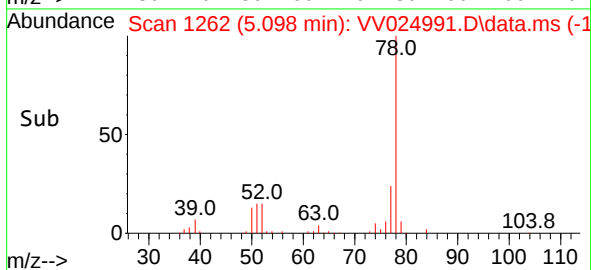
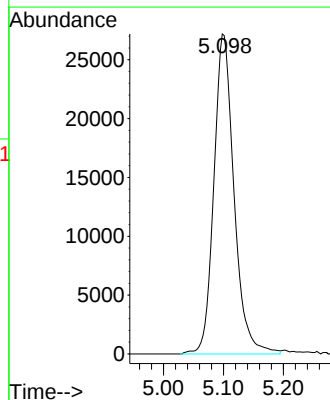
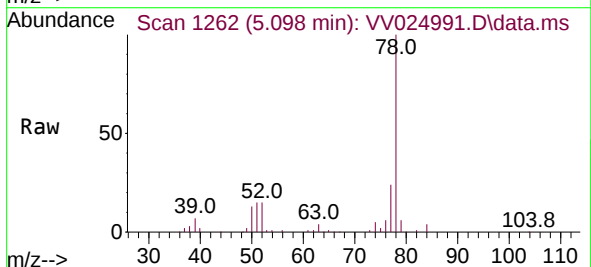
Instrument :
MSVOA_V
ClientSampleId :
VSTD001220

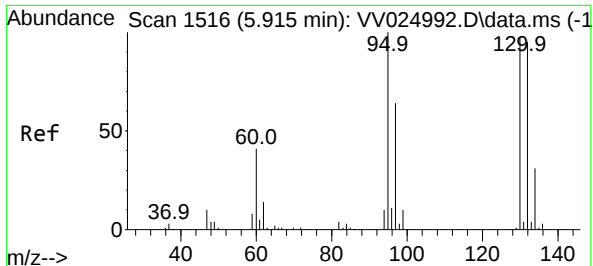
Tgt Ion:117 Resp: 20748
Ion Ratio Lower Upper
117 100
119 98.8 76.8 115.2



#33
Benzene
Concen: 0.930 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV024991.D
Acq: 15 Mar 2022 12:01

Tgt Ion: 78 Resp: 63521





#34

Trichloroethene

Concen: 0.928 ug/L

RT: 5.915 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV024991.D

Acq: 15 Mar 2022 12:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD001220

Tgt Ion: 95 Resp: 16861

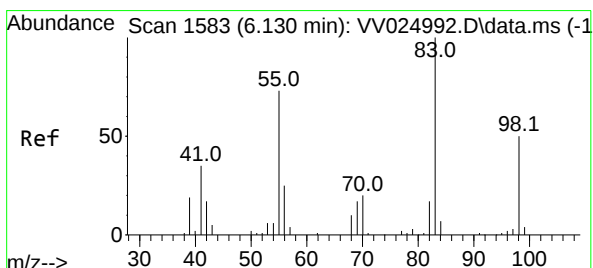
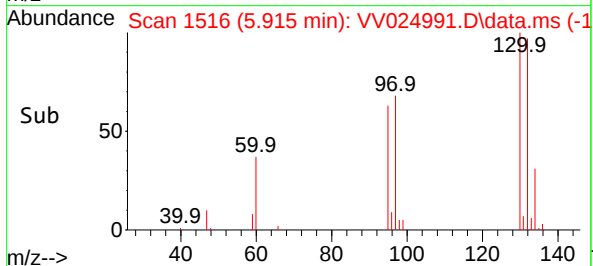
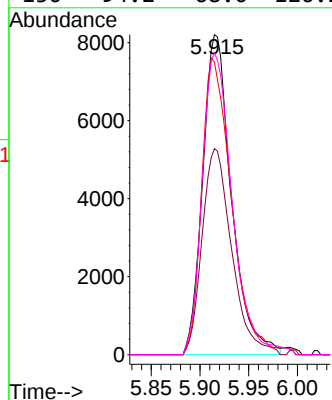
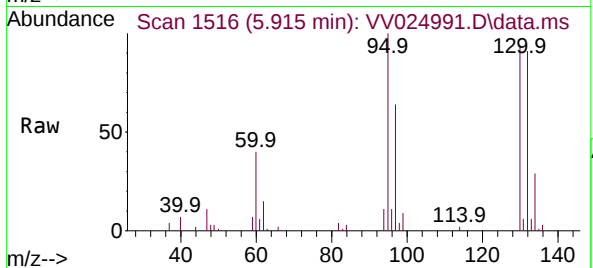
Ion Ratio Lower Upper

95 100

97 64.4 44.5 82.7

132 91.5 66.5 123.5

130 94.2 68.0 126.2



#35

Methylcyclohexane

Concen: 0.826 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. -0.000 min

Lab File: VV024991.D

Acq: 15 Mar 2022 12:01

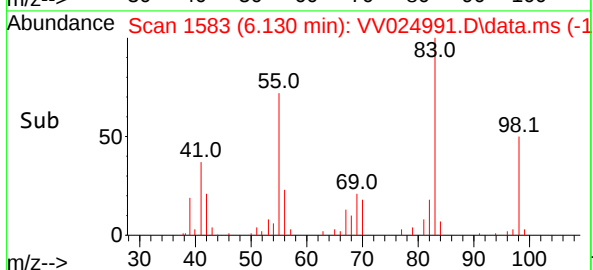
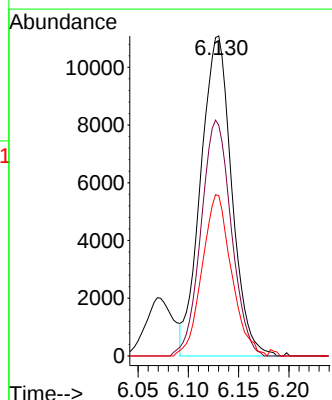
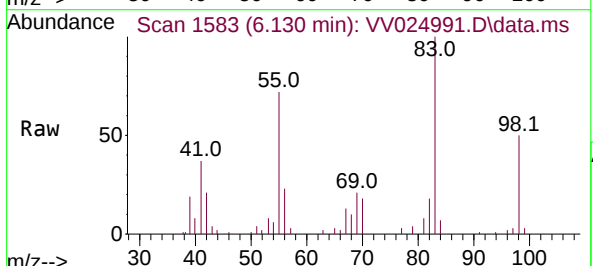
Tgt Ion: 83 Resp: 23781

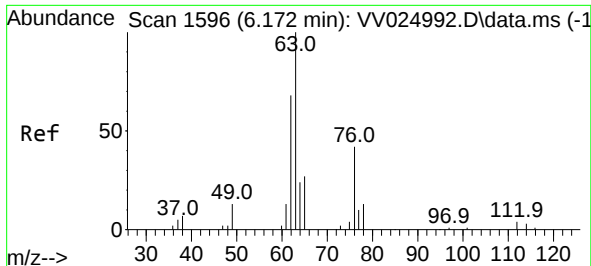
Ion Ratio Lower Upper

83 100

55 71.8 55.4 83.0

98 47.8 38.4 57.6





#37

1,2-Dichloropropane

Concen: 0.882 ug/L

RT: 6.172 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV024991.D

Acq: 15 Mar 2022 12:01

Instrument :

MSVOA_V

ClientSampleId :

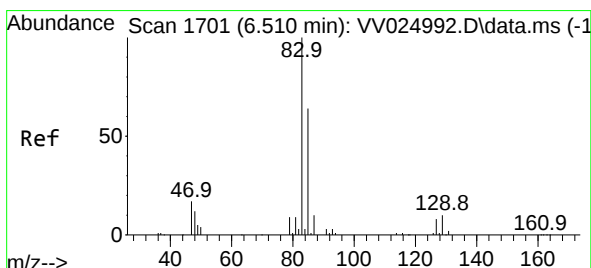
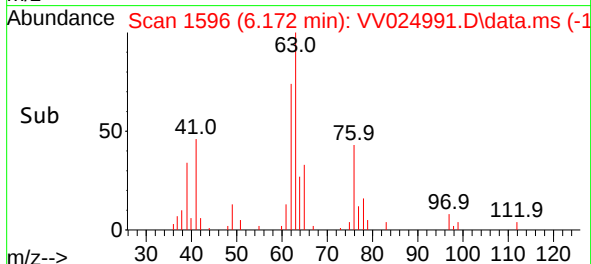
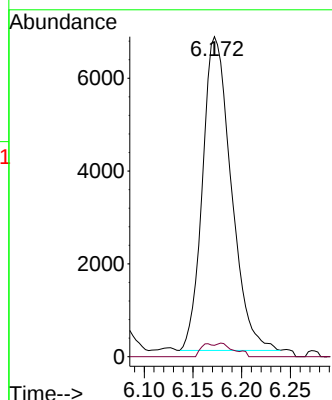
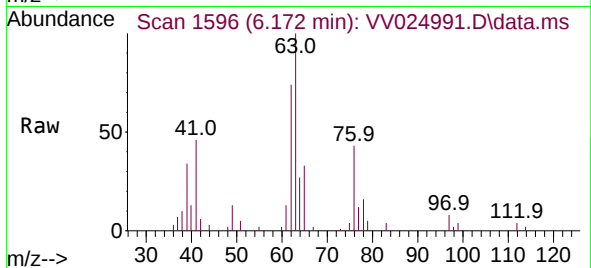
VSTD001220

Tgt Ion: 63 Resp: 13841

Ion Ratio Lower Upper

63 100

112 2.6 3.8 5.6#



#38

Bromodichloromethane

Concen: 0.923 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VV024991.D

Acq: 15 Mar 2022 12:01

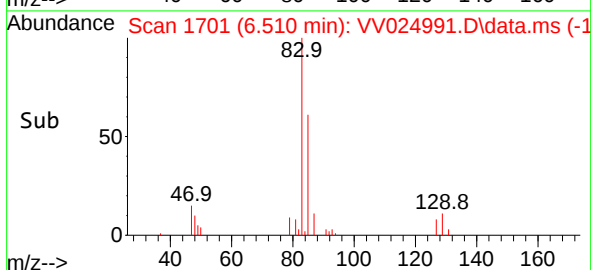
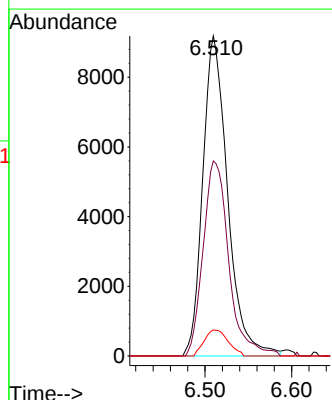
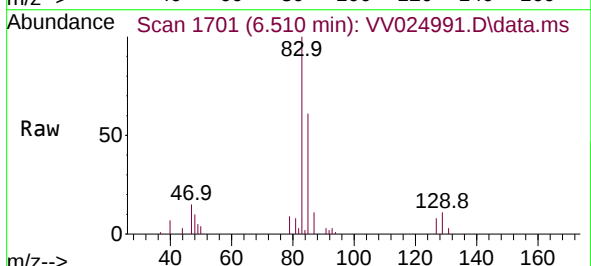
Tgt Ion: 83 Resp: 18319

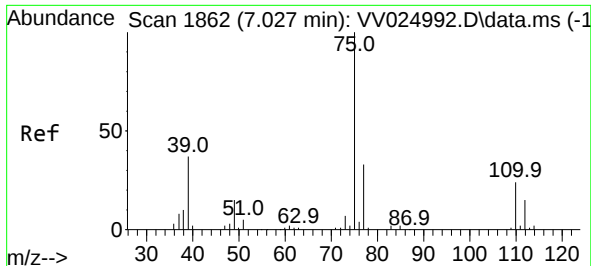
Ion Ratio Lower Upper

83 100

85 60.9 44.8 83.2

127 8.1 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 0.873 ug/L

RT: 7.030 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV024991.D

Acq: 15 Mar 2022 12:01

Instrument :

MSVOA_V

ClientSampleId :

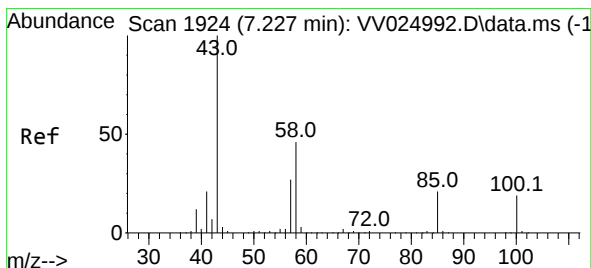
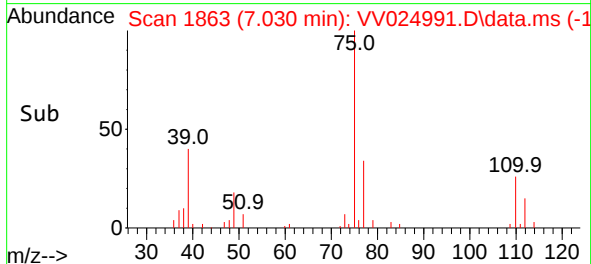
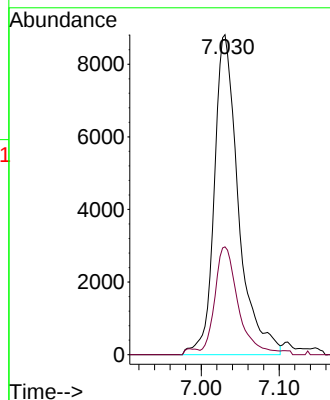
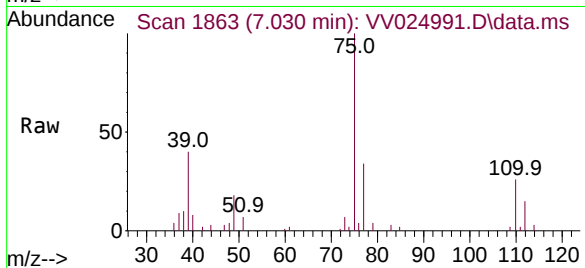
VSTD001220

Tgt Ion: 75 Resp: 19022

Ion Ratio Lower Upper

75 100

77 33.7 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 8.615 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV024991.D

Acq: 15 Mar 2022 12:01

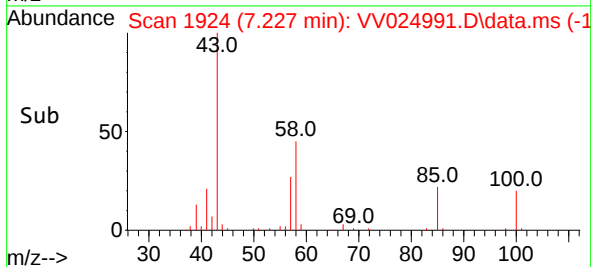
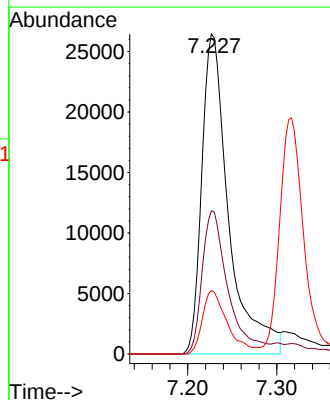
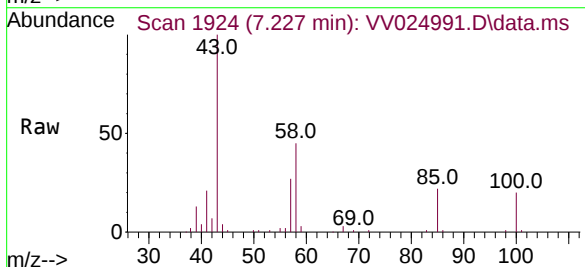
Tgt Ion: 43 Resp: 55615

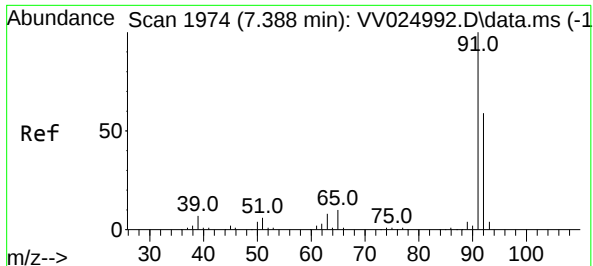
Ion Ratio Lower Upper

43 100

58 43.3 36.6 55.0

100 18.6 13.8 20.8





#42

Toluene

Concen: 0.924 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV024991.D

Acq: 15 Mar 2022 12:01

Instrument :

MSVOA_V

ClientSampleId :

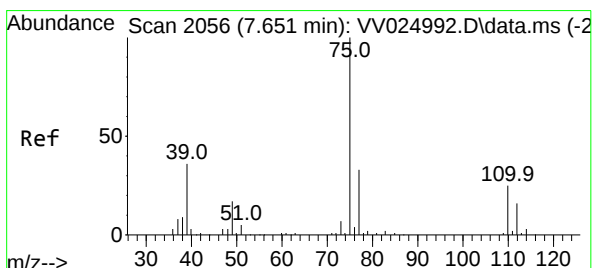
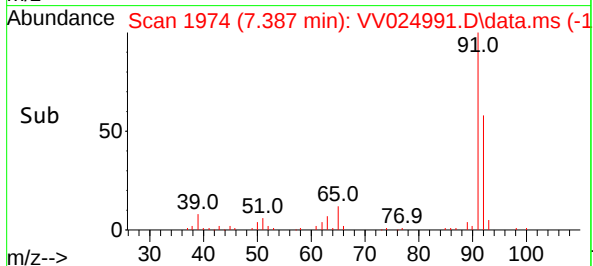
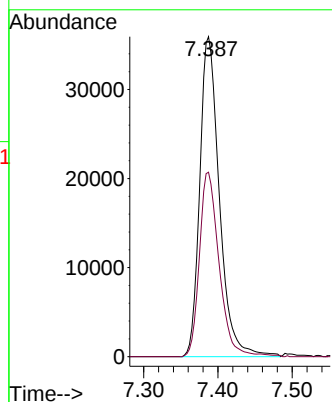
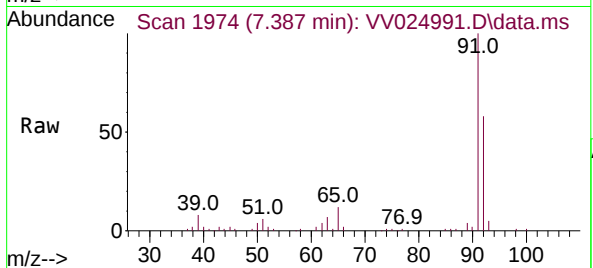
VSTD001220

Tgt Ion: 91 Resp: 66043

Ion Ratio Lower Upper

91 100

92 57.7 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 0.853 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV024991.D

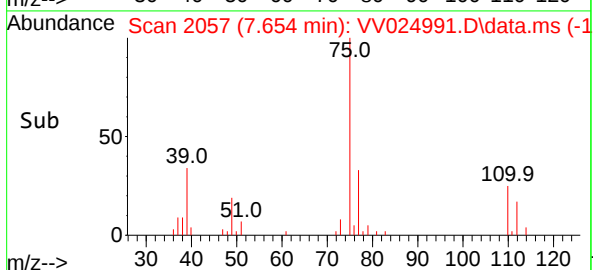
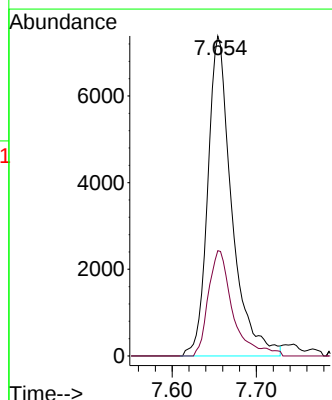
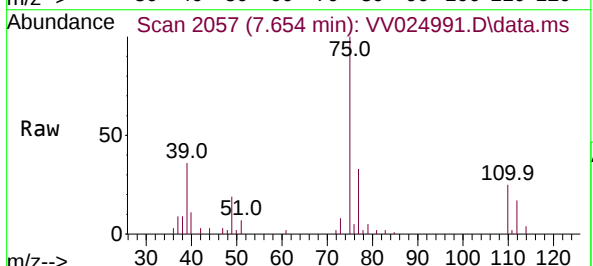
Acq: 15 Mar 2022 12:01

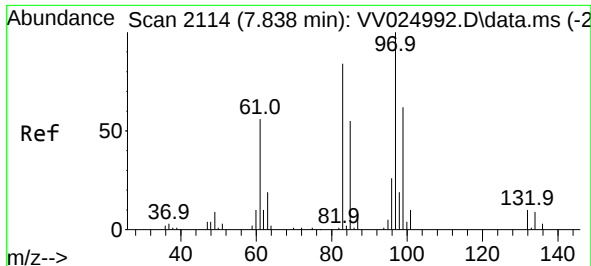
Tgt Ion: 75 Resp: 14621

Ion Ratio Lower Upper

75 100

77 32.9 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 0.917 ug/L

RT: 7.841 min Scan# 2114

Delta R.T. 0.003 min

Lab File: VV024991.D

Acq: 15 Mar 2022 12:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD001220

Tgt Ion: 97 Resp: 9606

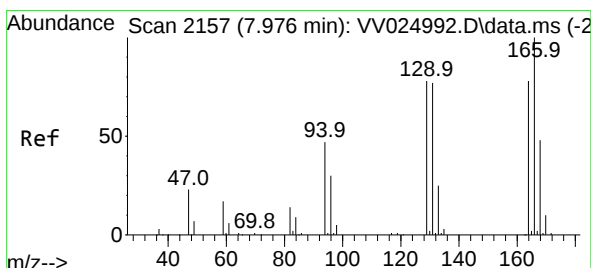
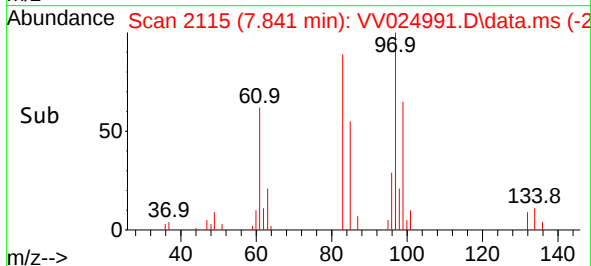
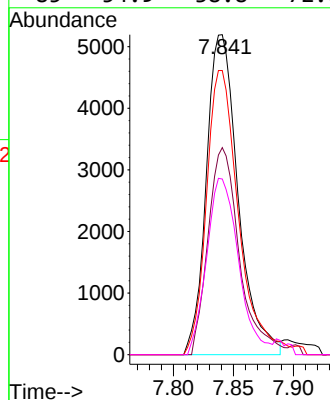
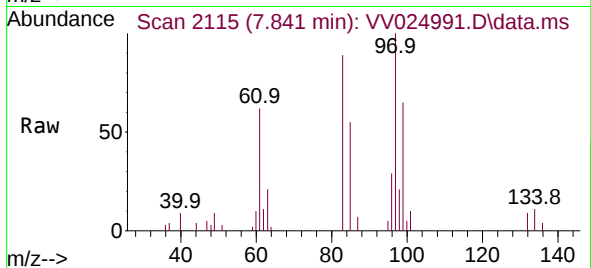
Ion Ratio Lower Upper

97 100

99 64.7 43.7 81.1

83 88.8 58.9 109.3

85 54.9 38.8 72.0



#47

Tetrachloroethene

Concen: 0.910 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.003 min

Lab File: VV024991.D

Acq: 15 Mar 2022 12:01

Tgt Ion:164 Resp: 11637

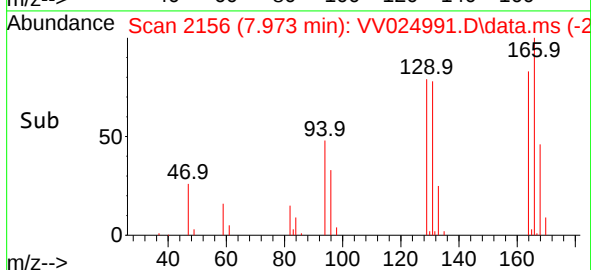
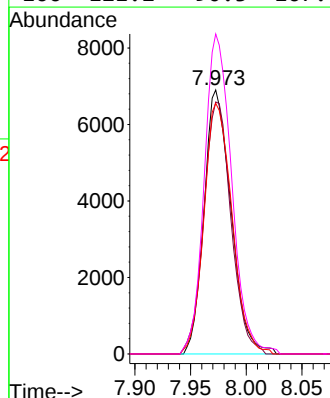
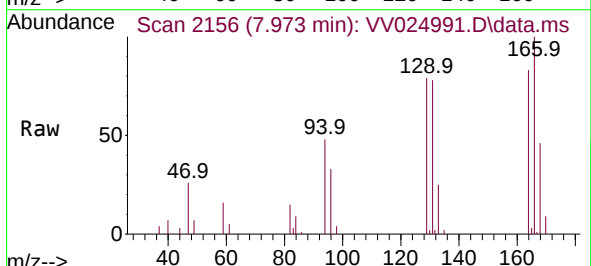
Ion Ratio Lower Upper

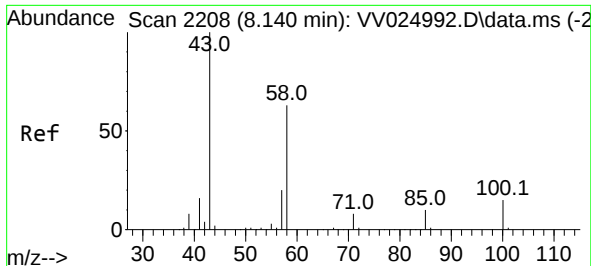
164 100

129 95.5 70.3 130.7

131 95.0 69.4 129.0

166 121.2 90.3 167.7

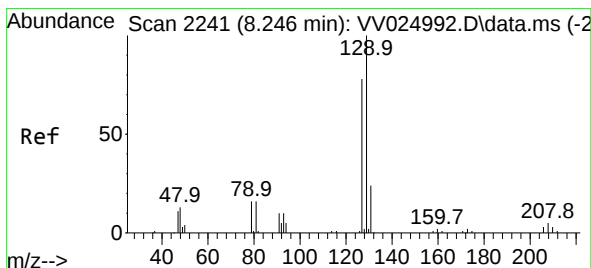
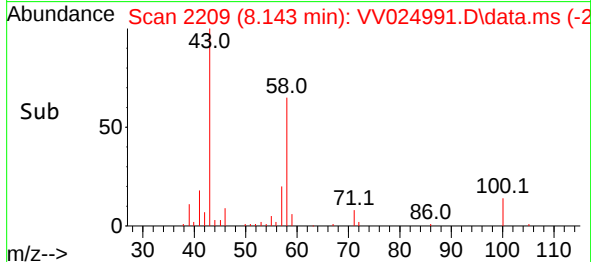
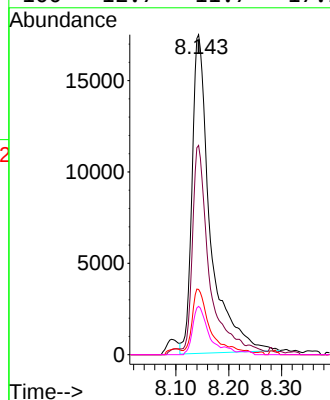
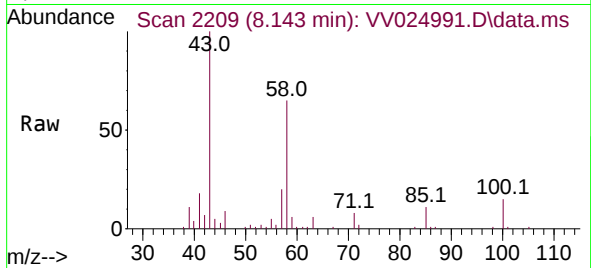




#48
2-Hexanone
Concen: 9.164 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV024991.D
Acq: 15 Mar 2022 12:01

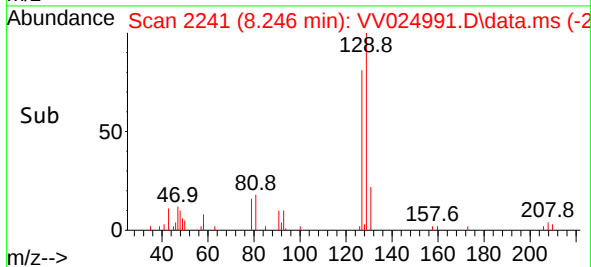
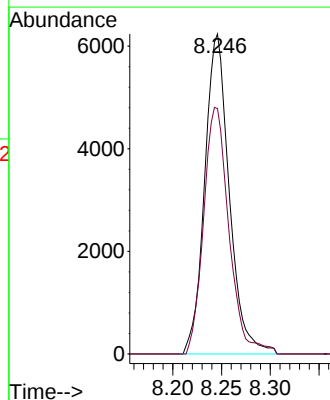
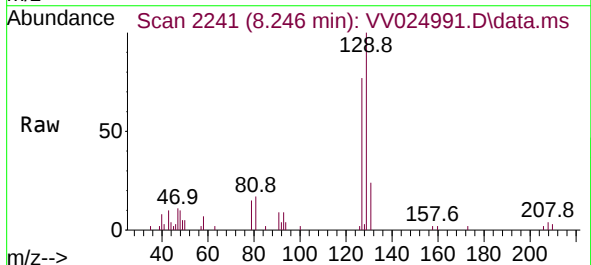
Instrument :
MSVOA_V
ClientSampleId :
VSTD001220

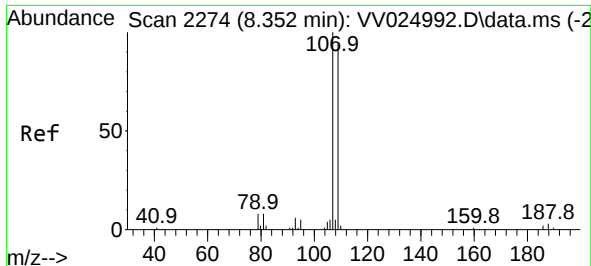
Tgt Ion: 43	Resp: 41940
Ion Ratio	Lower Upper
43 100	
58 56.5	49.2 73.8
57 16.7	16.0 24.0
100 12.7	11.7 17.5



#49
Dibromochloromethane
Concen: 0.932 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV024991.D
Acq: 15 Mar 2022 12:01

Tgt Ion:129	Resp:	10933	
Ion	Ratio	Lower	Upper
129	100		
127	76.7	54.9	102.1





#50

1,2-Dibromoethane

Concen: 0.930 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV024991.D

Acq: 15 Mar 2022 12:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD001220

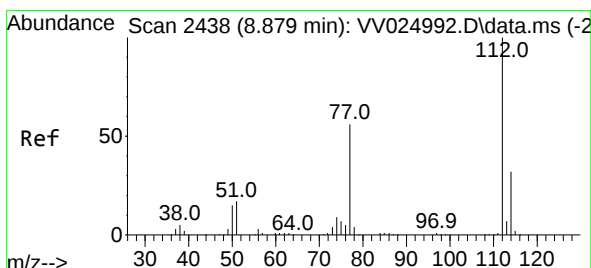
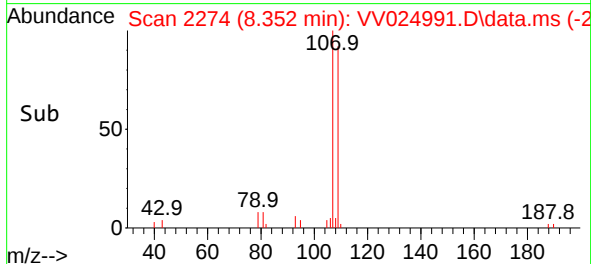
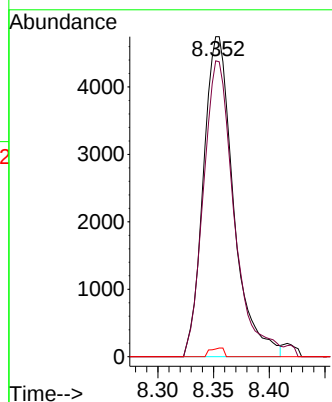
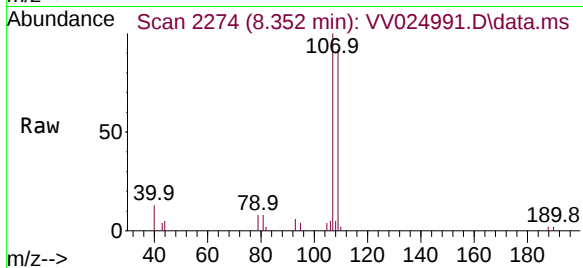
Tgt Ion:107 Resp: 8919

Ion Ratio Lower Upper

107 100

109 92.4 65.5 121.6

188 2.4 2.4 3.6



#51

Chlorobenzene

Concen: 0.925 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV024991.D

Acq: 15 Mar 2022 12:01

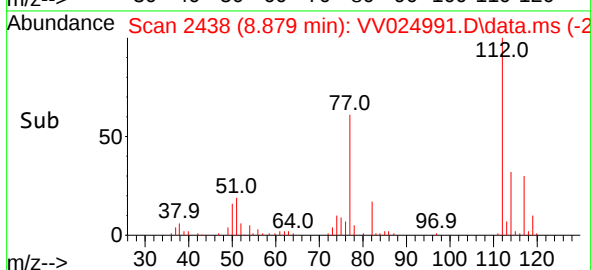
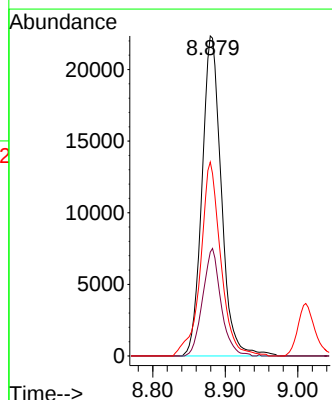
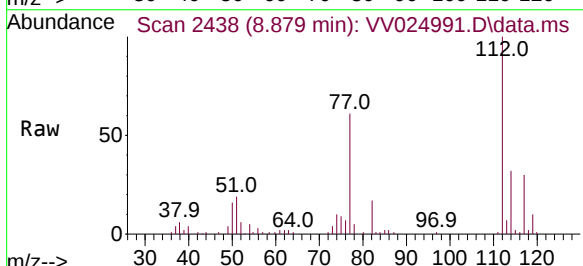
Tgt Ion:112 Resp: 41380

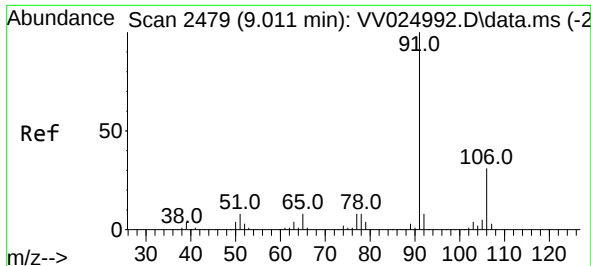
Ion Ratio Lower Upper

112 100

114 32.5 22.5 41.7

77 60.6 45.3 67.9





#52

Ethylbenzene

Concen: 0.890 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.000 min

Lab File: VV024991.D

Acq: 15 Mar 2022 12:01

Instrument :

MSVOA_V

ClientSampleId :

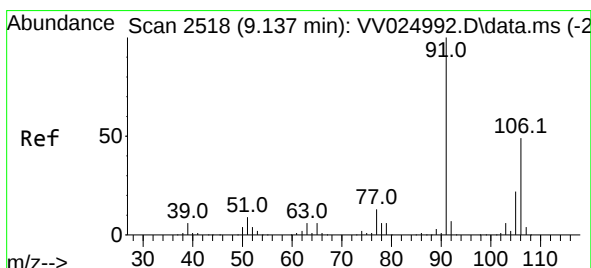
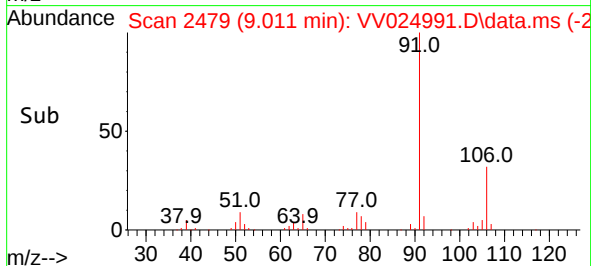
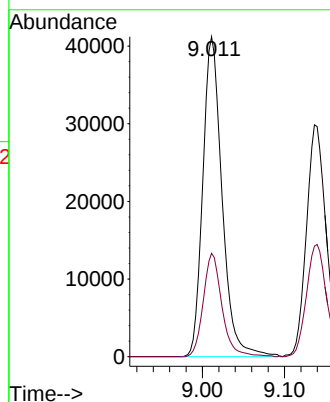
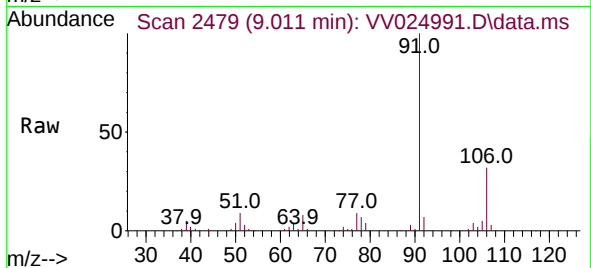
VSTD001220

Tgt Ion: 91 Resp: 67267

Ion Ratio Lower Upper

91 100

106 32.3 21.9 40.7



#53

m,p-xylene

Concen: 0.884 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV024991.D

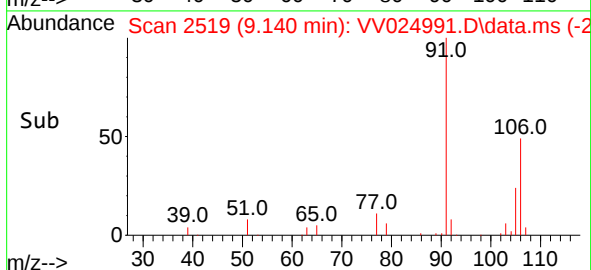
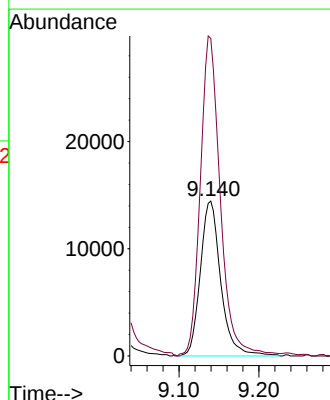
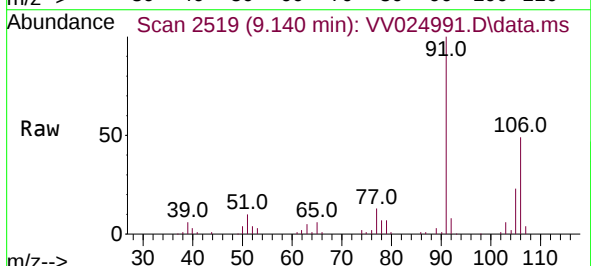
Acq: 15 Mar 2022 12:01

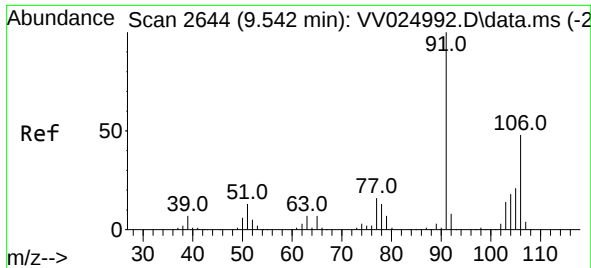
Tgt Ion: 106 Resp: 25737

Ion Ratio Lower Upper

106 100

91 205.1 143.4 266.4

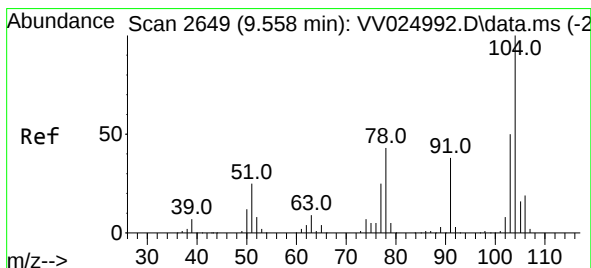
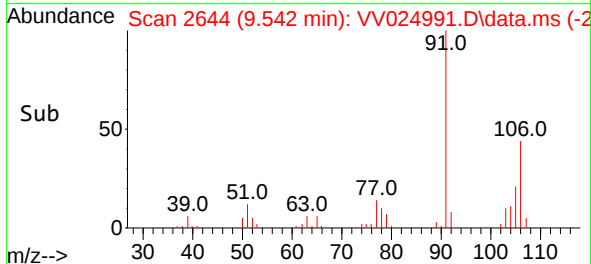
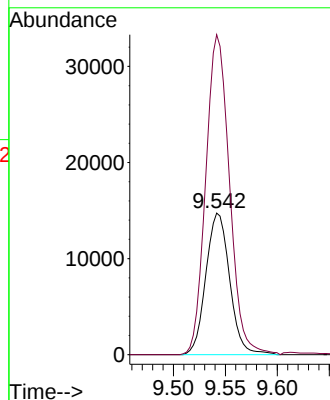
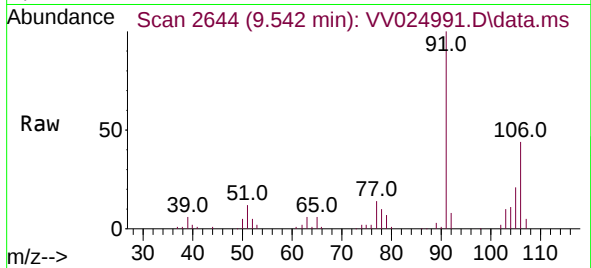




#54
o-xylene
Concen: 0.844 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024991.D
Acq: 15 Mar 2022 12:01

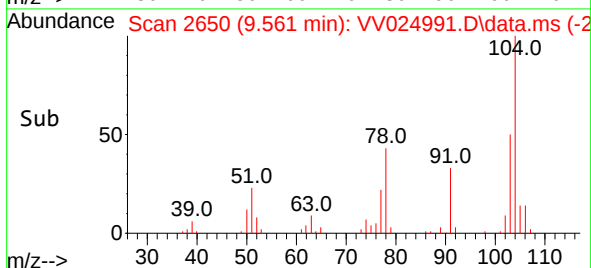
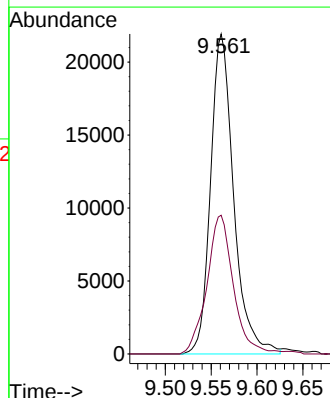
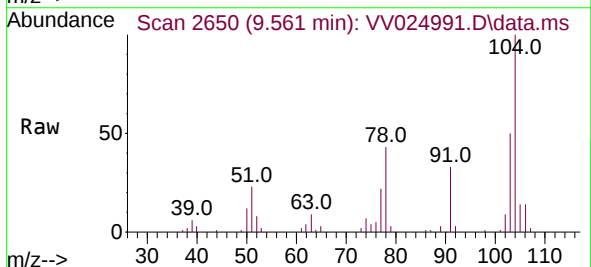
Instrument :
MSVOA_V
ClientSampleId :
VSTD001220

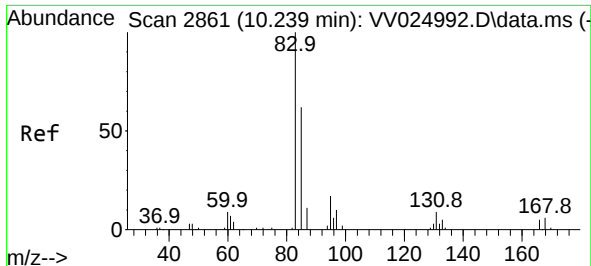
Tgt Ion:106 Resp: 23490
Ion Ratio Lower Upper
106 100
91 226.1 146.7 272.5



#55
Styrene
Concen: 0.848 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV024991.D
Acq: 15 Mar 2022 12:01

Tgt Ion:104 Resp: 38458
Ion Ratio Lower Upper
104 100
78 43.4 30.2 56.2





#57

1,1,2,2-Tetrachloroethane

Concen: 0.941 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV024991.D

Acq: 15 Mar 2022 12:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD001220

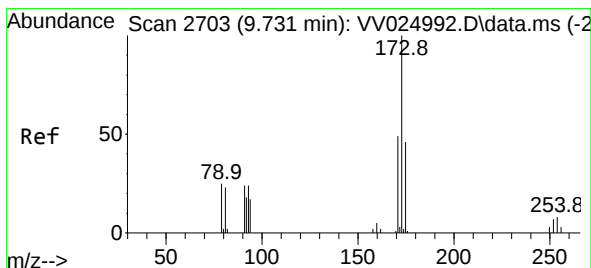
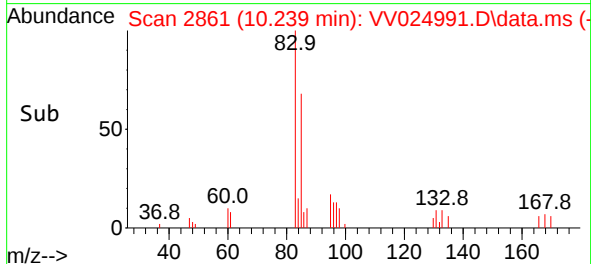
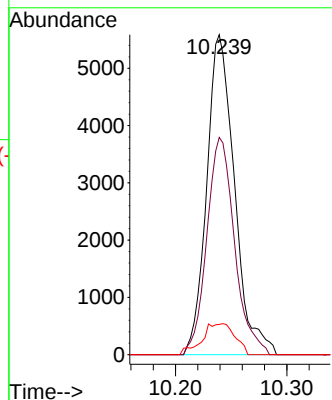
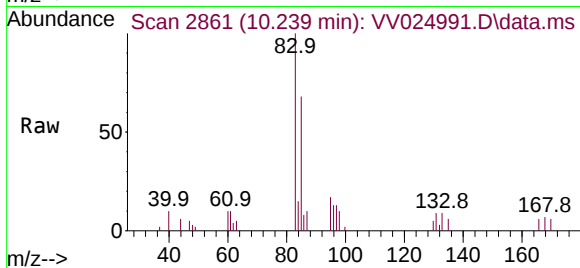
Tgt Ion: 83 Resp: 9672

Ion Ratio Lower Upper

83 100

85 67.9 43.9 81.5

131 9.4 7.5 11.3



#59

Bromoform

Concen: 0.911 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. -0.000 min

Lab File: VV024991.D

Acq: 15 Mar 2022 12:01

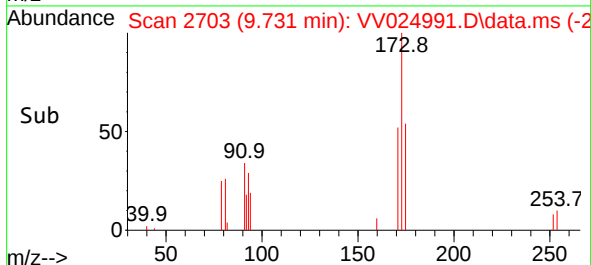
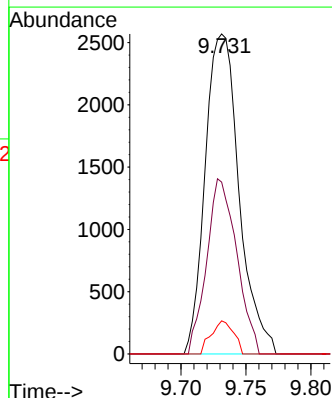
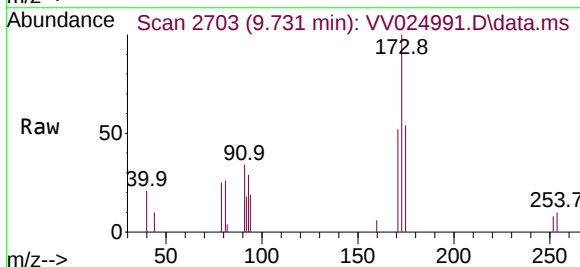
Tgt Ion: 173 Resp: 4662

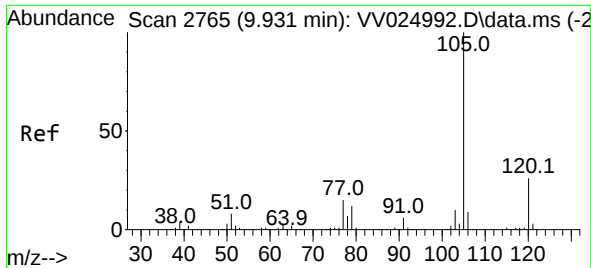
Ion Ratio Lower Upper

173 100

175 48.5 37.8 56.8

254 6.8 5.8 8.6

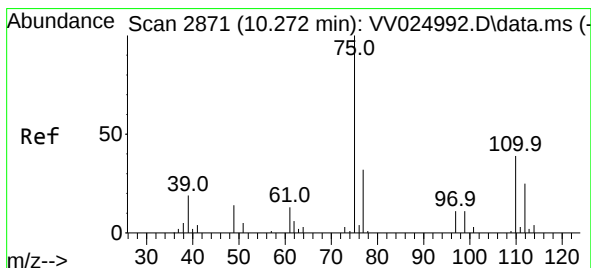
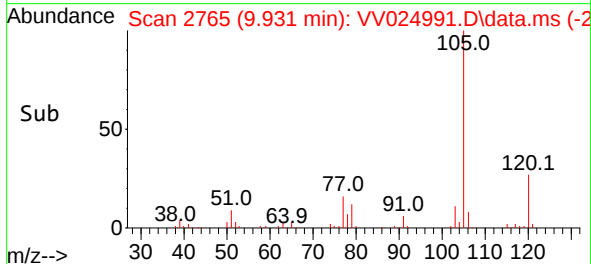
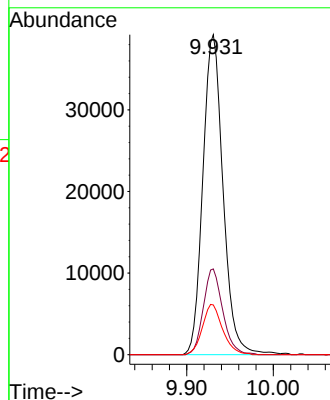
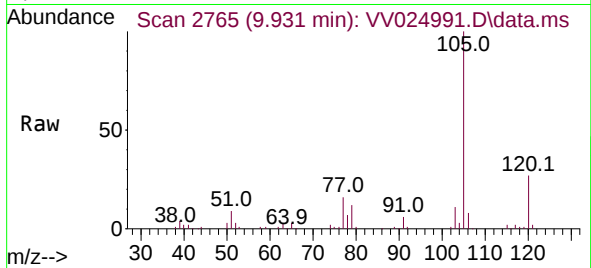




#60
Isopropylbenzene
Concen: 0.886 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024991.D
Acq: 15 Mar 2022 12:01

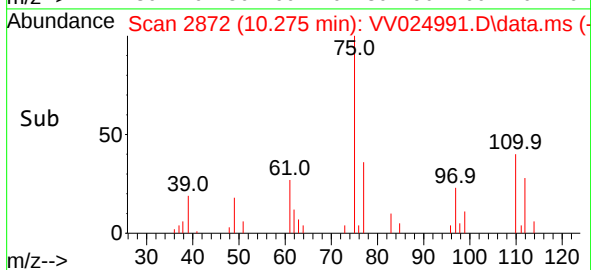
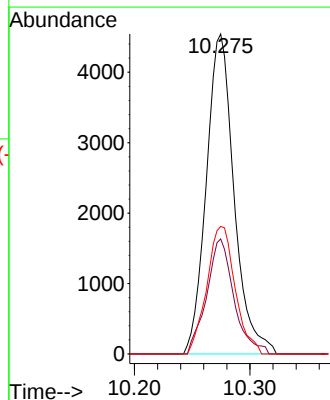
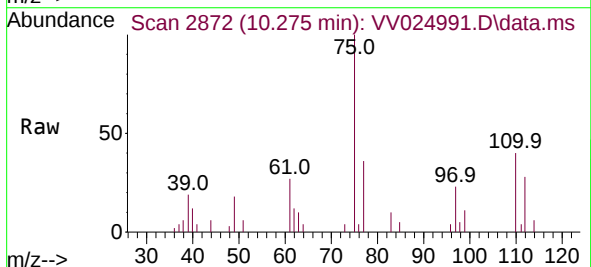
Instrument :
MSVOA_V
ClientSampleId :
VSTD001220

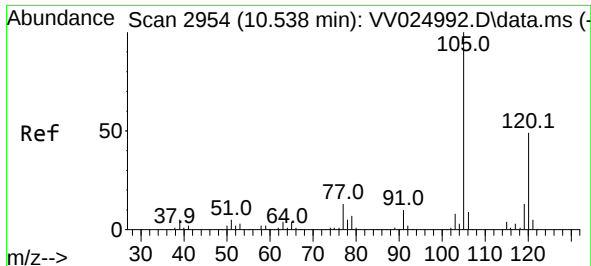
Tgt Ion:105 Resp: 63495
Ion Ratio Lower Upper
105 100
120 25.8 20.7 31.1
77 15.7 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 0.948 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV024991.D
Acq: 15 Mar 2022 12:01

Tgt Ion: 75 Resp: 7572
Ion Ratio Lower Upper
75 100
77 35.4 25.7 38.5
110 40.6 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 0.849 ug/L

RT: 10.535 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV024991.D

Acq: 15 Mar 2022 12:01

Instrument :

MSVOA_V

ClientSampleId :

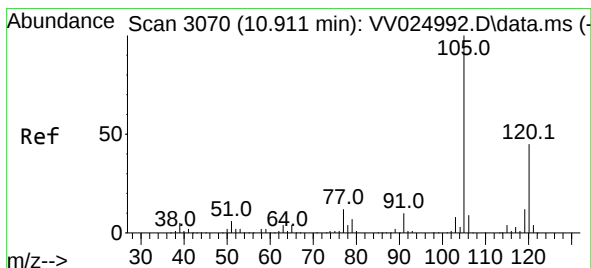
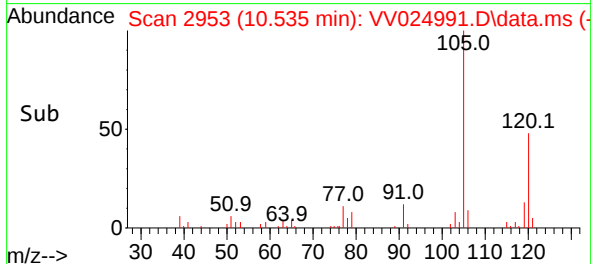
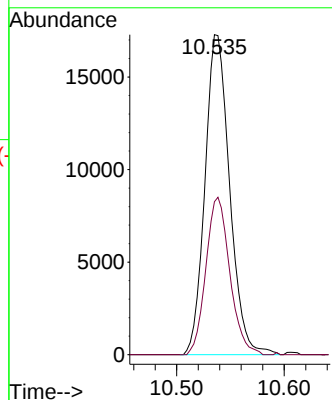
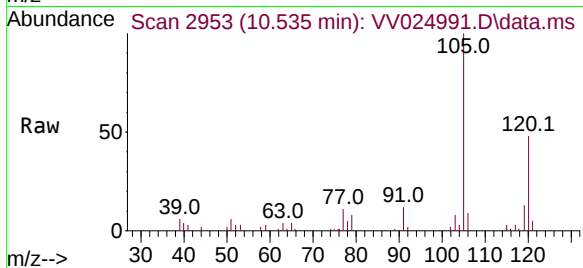
VSTD001220

Tgt Ion:105 Resp: 27604

Ion Ratio Lower Upper

105 100

120 47.6 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 0.833 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV024991.D

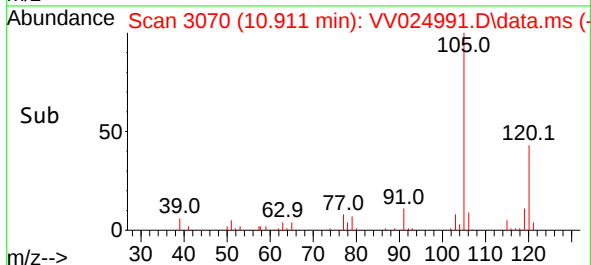
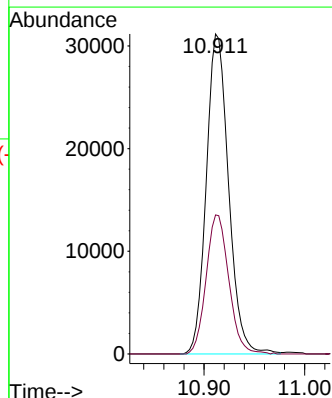
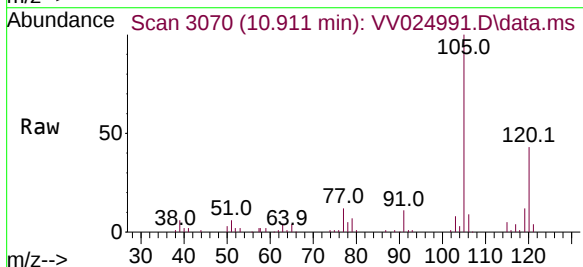
Acq: 15 Mar 2022 12:01

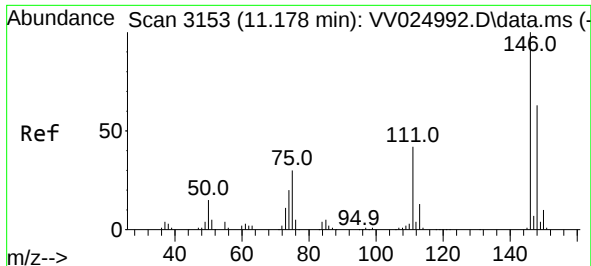
Tgt Ion:105 Resp: 47947

Ion Ratio Lower Upper

105 100

120 44.2 35.8 53.8

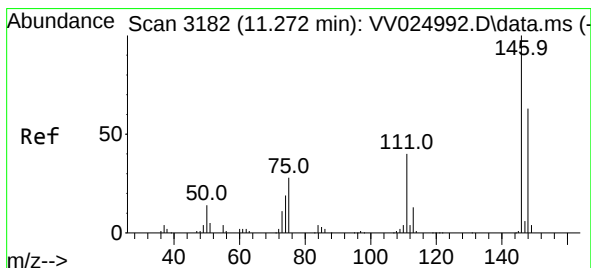
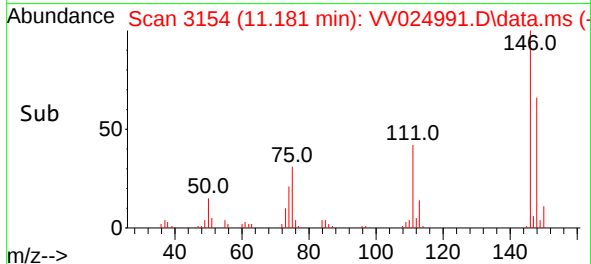
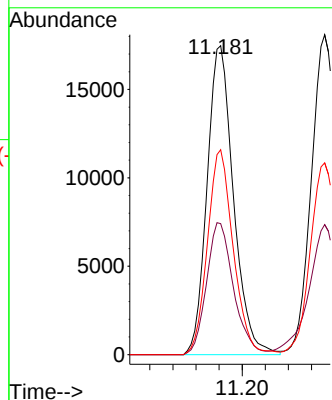
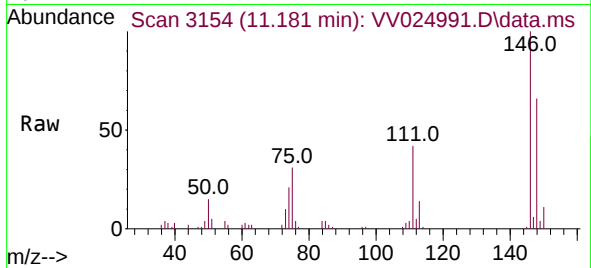




#64
1,3-Dichlorobenzene
Concen: 0.894 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV024991.D
Acq: 15 Mar 2022 12:01

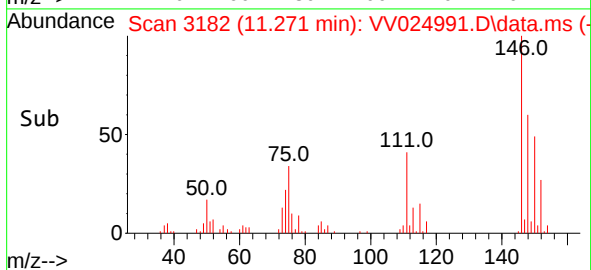
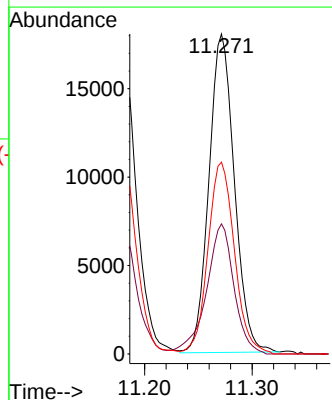
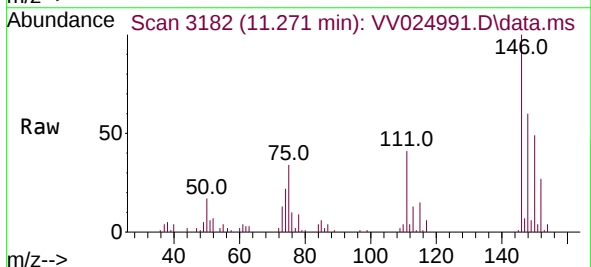
Instrument :
MSVOA_V
ClientSampleId :
VSTD001220

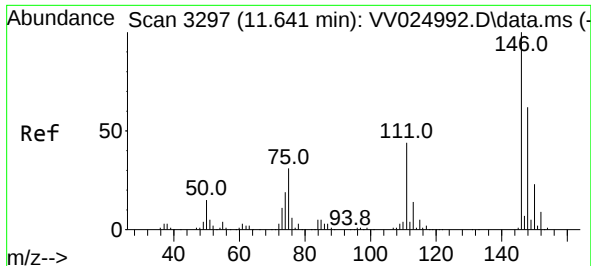
Tgt Ion:146 Resp: 27787
Ion Ratio Lower Upper
146 100
111 42.4 29.2 54.2
148 66.4 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 0.945 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024991.D
Acq: 15 Mar 2022 12:01

Tgt Ion:146 Resp: 29601
Ion Ratio Lower Upper
146 100
111 40.7 28.2 52.4
148 60.0 43.8 81.4

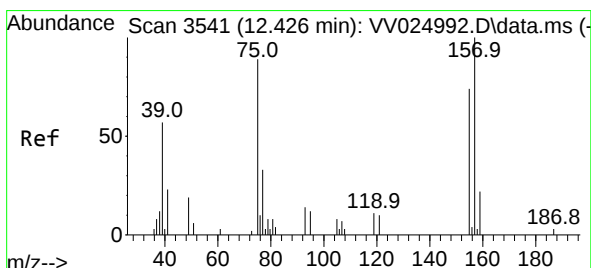
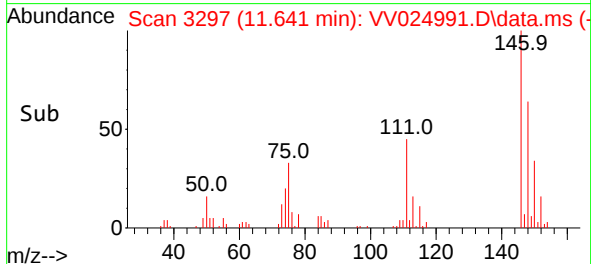
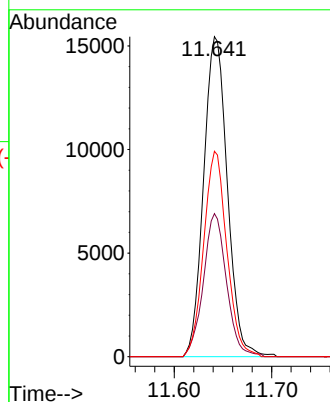
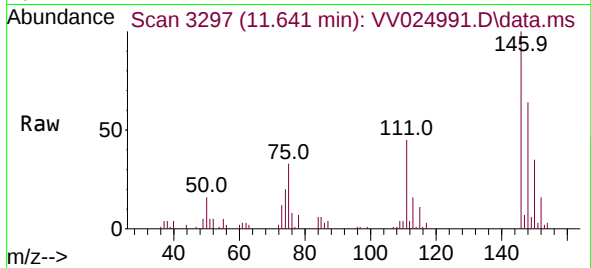




#67
 1,2-Dichlorobenzene
 Concen: 0.950 ug/L
 RT: 11.641 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV024991.D
 Acq: 15 Mar 2022 12:01

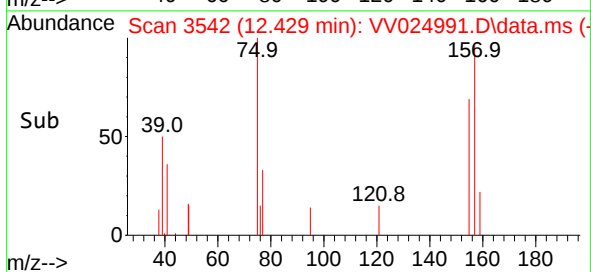
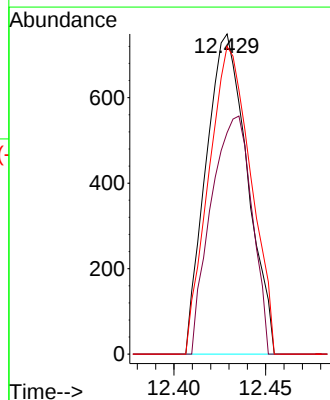
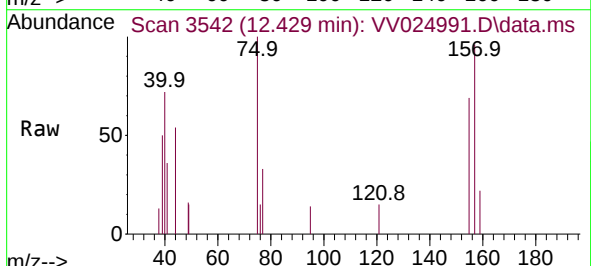
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001220

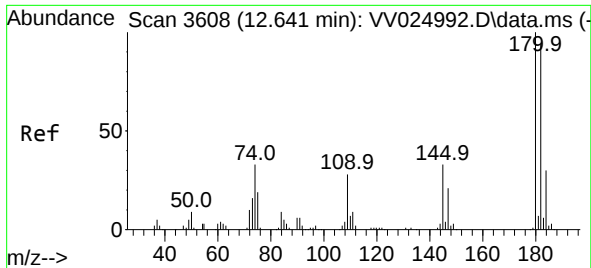
Tgt Ion:146	Resp:	26142
Ion Ratio	Lower	Upper
146	100	
111	44.7	35.5 53.3
148	64.2	49.7 74.5



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.861 ug/L
 RT: 12.429 min Scan# 3542
 Delta R.T. 0.003 min
 Lab File: VV024991.D
 Acq: 15 Mar 2022 12:01

Tgt Ion: 75	Resp:	1179
Ion Ratio	Lower	Upper
75	100	
155	69.2	65.9 98.9
157	96.1	89.7 134.5

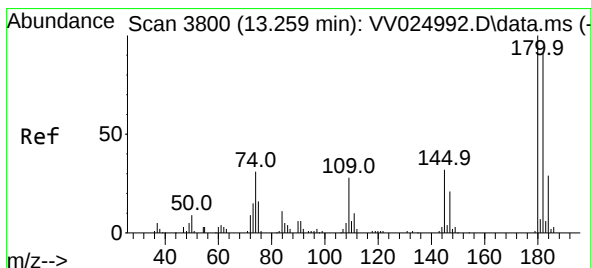
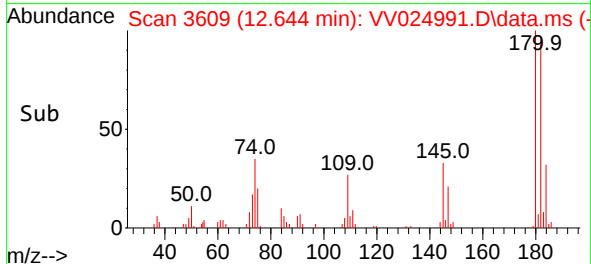
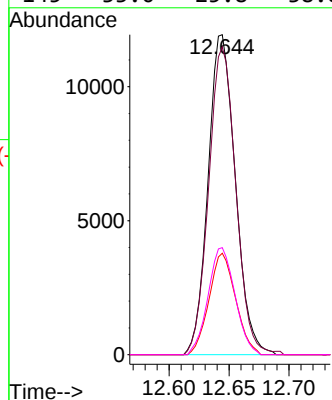
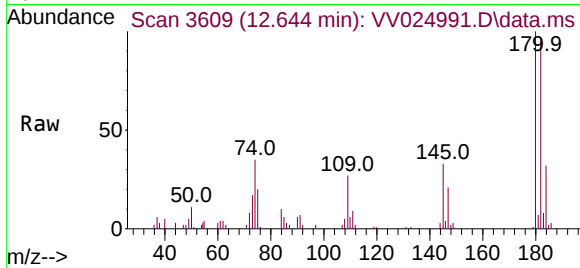




#69
 1,3,5-Trichlorobenzene
 Concen: 0.860 ug/L
 RT: 12.644 min Scan# 3608
 Delta R.T. 0.003 min
 Lab File: VV024991.D
 Acq: 15 Mar 2022 12:01

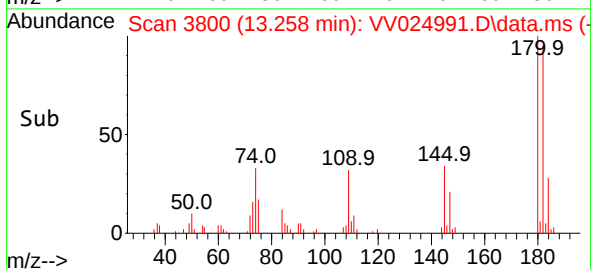
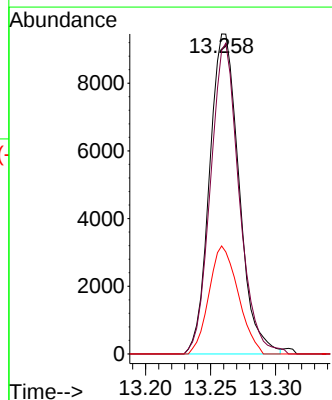
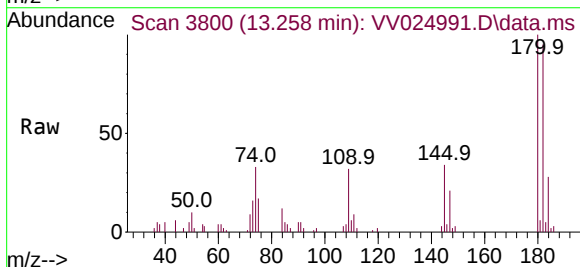
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001220

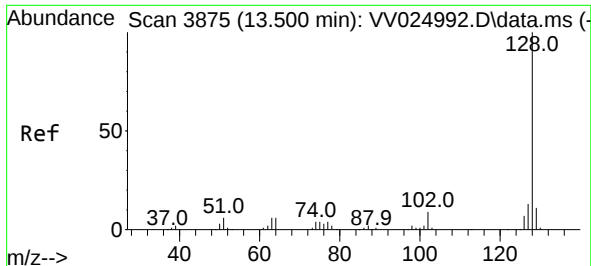
Tgt Ion:180	Resp:	18876
Ion Ratio	Lower	Upper
180	100	
182	95.8	75.4 113.0
184	31.0	24.2 36.4
145	33.0	25.8 38.8



#70
 1,2,4-trichlorobenzene
 Concen: 0.871 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV024991.D
 Acq: 15 Mar 2022 12:01

Tgt Ion:180	Resp:	14886
Ion Ratio	Lower	Upper
180	100	
182	94.2	74.6 112.0
145	33.4	26.1 39.1

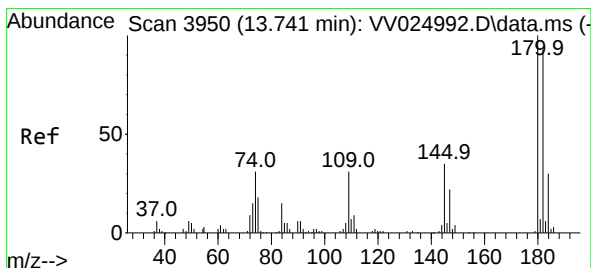
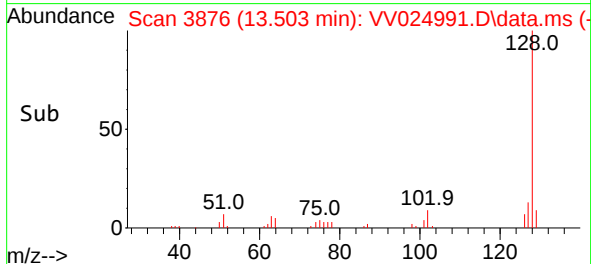
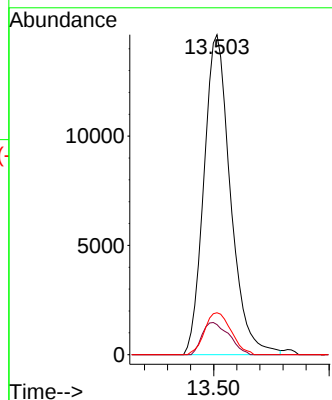
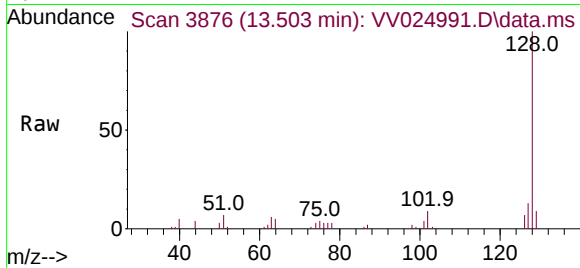




#71
Naphthalene
Concen: 0.823 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.003 min
Lab File: VV024991.D
Acq: 15 Mar 2022 12:01

Instrument :
MSVOA_V
ClientSampleId :
VSTD001220

Tgt Ion:128	Resp:	23381
Ion Ratio	Lower	Upper
128	100	
129	10.2	8.5 12.7
127	13.1	9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 0.870 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV024991.D
Acq: 15 Mar 2022 12:01

Tgt Ion:180	Resp:	12598
Ion Ratio	Lower	Upper
180	100	
182	93.0	74.8 112.2
145	33.8	27.6 41.4

