

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
 Data File : VX026223.D
 Acq On : 03 Jan 2022 16:23
 Operator : JC/MD
 Sample : M5335-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 04 03:51:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

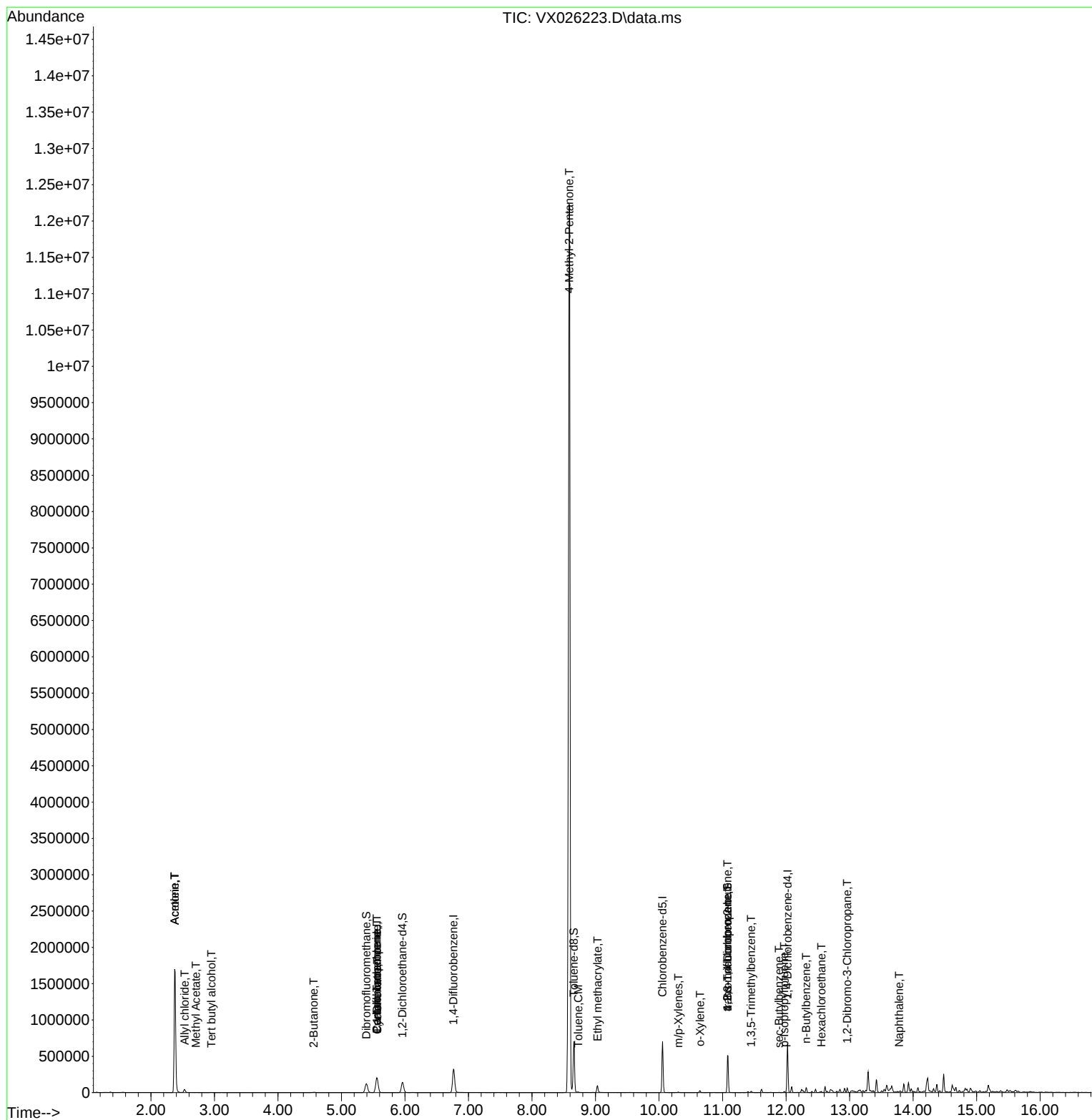
Internal Standards						
1) Pentafluorobenzene	5.556	168	180375	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	315939	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	283403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	141225	54.120	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.240%			
35) Dibromofluoromethane	5.391	113	103234	50.259	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.520%			
50) Toluene-d8	8.659	98	394988	51.699	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.400%			
62) 4-Bromofluorobenzene	11.079	95	136910	50.338	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.680%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.952	59	1562	2.997	ug/l #	73
13) Acrolein	2.373	56	531	2.849	ug/l #	1
14) Allyl chloride	2.532	41	5014	1.270	ug/l #	80
16) Acetone	2.373	43	1834176	1297.280	ug/l	95
18) Methyl Acetate	2.709	43	1539	0.336	ug/l #	88
20) Methylene Chloride	2.800	84	352	Below Cal	#	79
25) 2-Butanone	4.562	43	6344	3.221	ug/l #	84
31) Cyclohexane	5.562	56	4872	1.311	ug/l #	38
36) 1,1-Dichloropropene	5.556	75	15766	4.759	ug/l #	50
38) Carbon Tetrachloride	5.556	117	19847	5.386	ug/l #	16
51) 4-Methyl-2-Pentanone	8.586	43	7738184	1986.205	ug/l	97
52) Toluene	8.726	92	2060	0.354	ug/l	91
56) Ethyl methacrylate	9.031	69	13544	3.671	ug/l #	55
68) m/p-Xylenes	10.305	106	1437	0.346	ug/l	77
69) o-Xylene	10.646	106	5535	1.361	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	74836	24.423	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.451	105	7980	0.974	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	74836	70.655	ug/l #	10
85) sec-Butylbenzene	11.890	105	2023	0.204	ug/l	98
86) p-Isopropyltoluene	11.969	119	5982	0.723	ug/l	98
89) n-Butylbenzene	12.317	91	6312	0.859	ug/l #	1
90) Hexachloroethane	12.554	117	1211	0.733	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	12.963	75	241	0.281	ug/l #	1
95) Naphthalene	13.780	128	4782	0.487	ug/l #	81

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

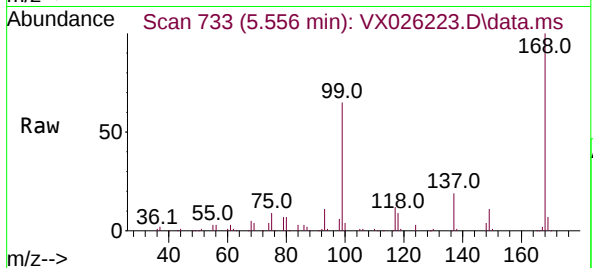
Quant Time: Jan 04 03:51:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



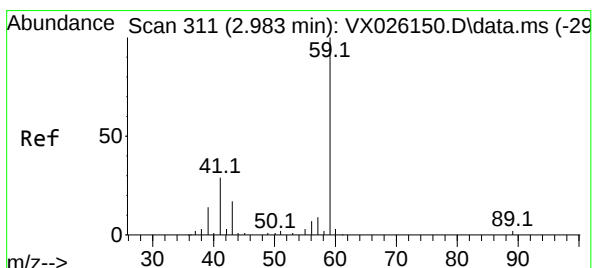
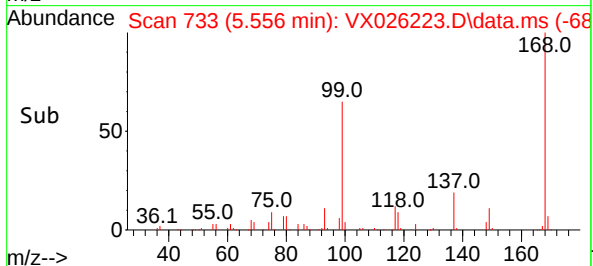
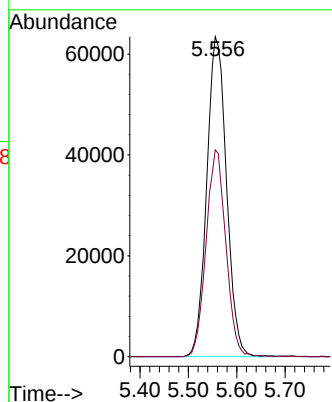


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026223.D
Acq: 03 Jan 2022 16:23

Instrument :
MSVOA_X
ClientSampleId :

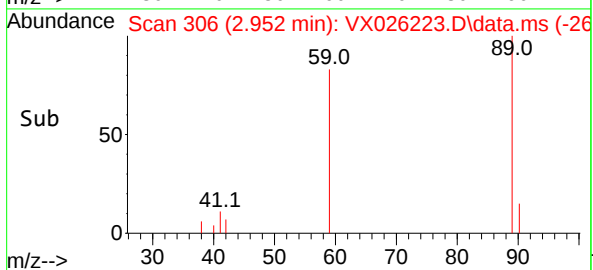
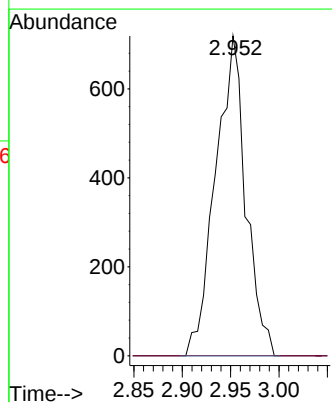
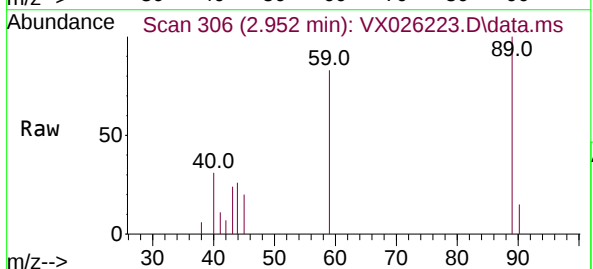


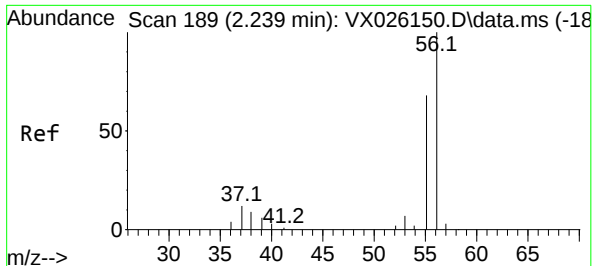
Tgt Ion:168 Resp: 180375
Ion Ratio Lower Upper
168 100
99 64.7 45.8 68.8



#11
Tert butyl alcohol
Concen: 2.997 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.031 min
Lab File: VX026223.D
Acq: 03 Jan 2022 16:23

Tgt Ion: 59 Resp: 1562
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#13

Acrolein

Concen: 2.849 ug/l

RT: 2.373 min Scan# 211

Delta R.T. 0.134 min

Lab File: VX026223.D

Acq: 03 Jan 2022 16:23

Instrument :

MSVOA_X

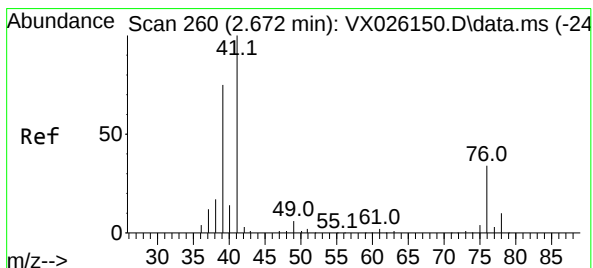
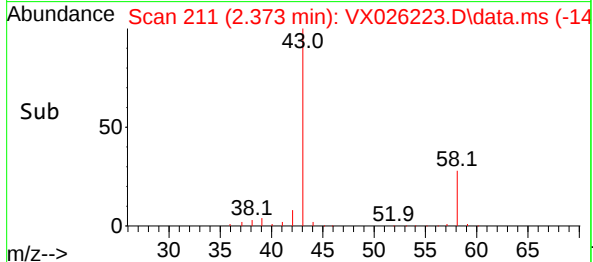
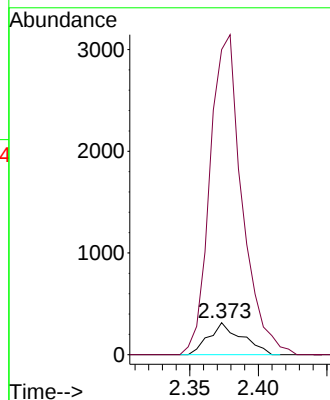
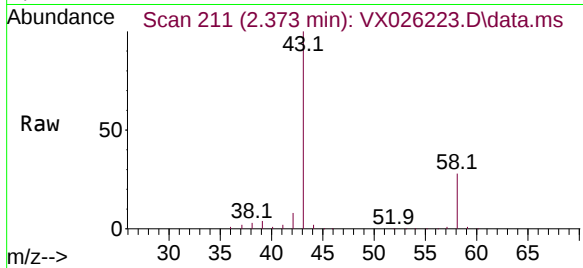
ClientSampleId :

Tgt Ion: 56 Resp: 531

Ion Ratio Lower Upper

56 100

55 965.7 57.4 86.2#



#14

Allyl chloride

Concen: 1.270 ug/l

RT: 2.532 min Scan# 237

Delta R.T. -0.140 min

Lab File: VX026223.D

Acq: 03 Jan 2022 16:23

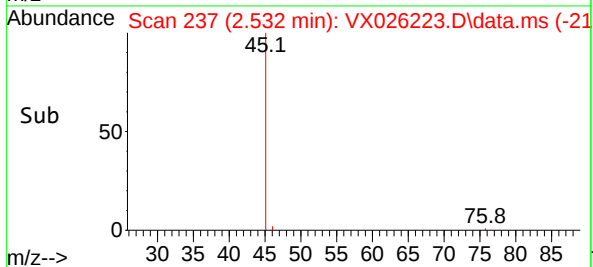
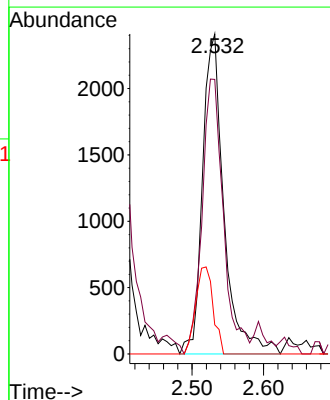
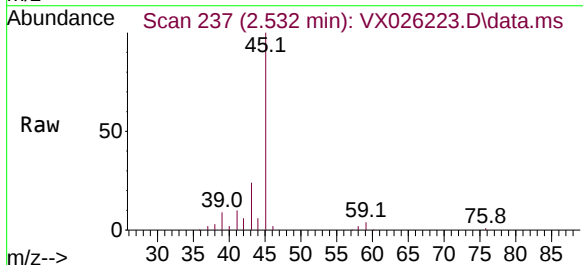
Tgt Ion: 41 Resp: 5014

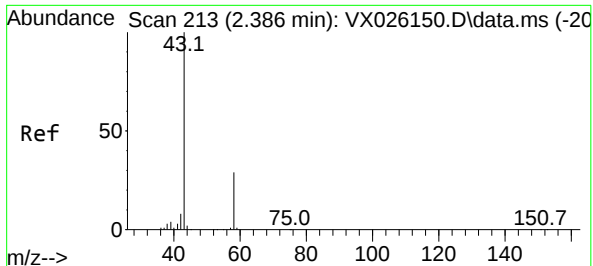
Ion Ratio Lower Upper

41 100

39 85.1 55.4 83.0#

76 22.2 27.6 41.4#

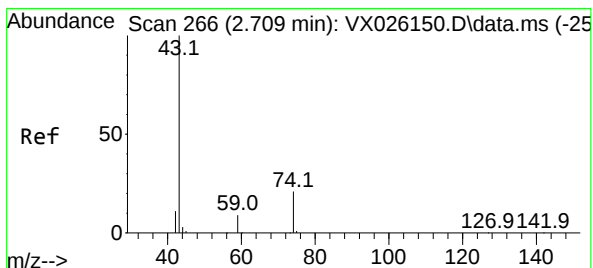
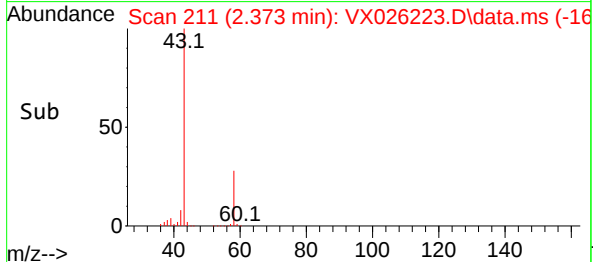
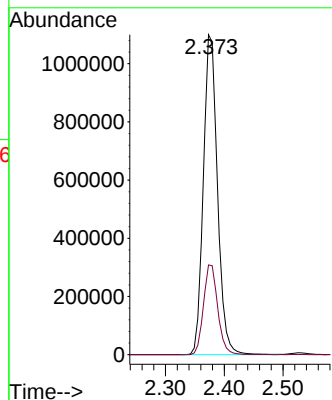
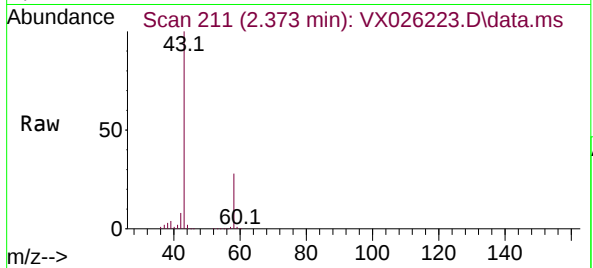




#16
Acetone
Concen: 1297.280 ug/l
RT: 2.373 min Scan# 213
Delta R.T. -0.013 min
Lab File: VX026223.D
Acq: 03 Jan 2022 16:23

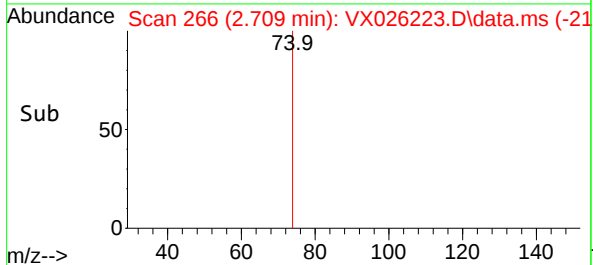
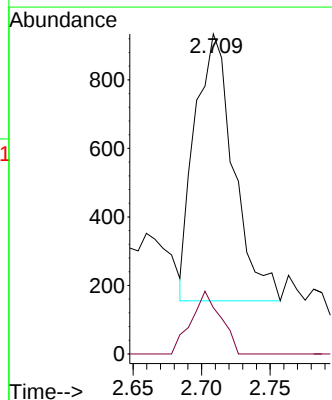
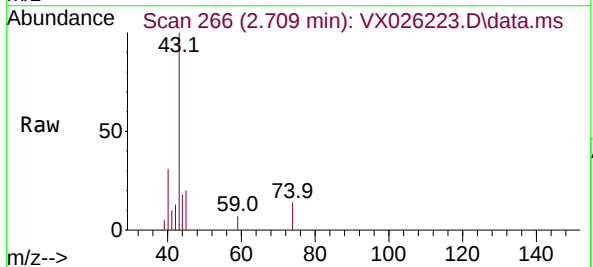
Instrument :
MSVOA_X
ClientSampleId :

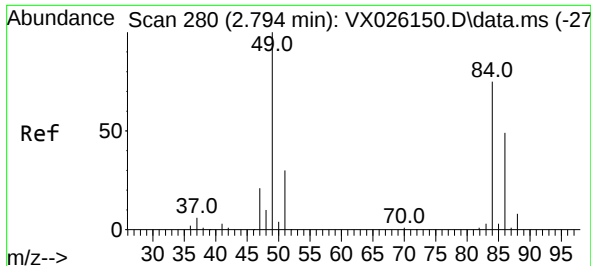
Tgt Ion: 43 Resp: 1834176
Ion Ratio Lower Upper
43 100
58 28.1 24.8 37.2



#18
Methyl Acetate
Concen: 0.336 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX026223.D
Acq: 03 Jan 2022 16:23

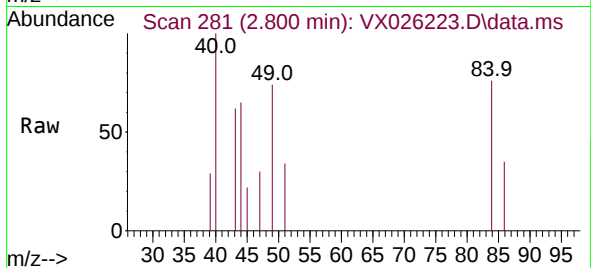
Tgt Ion: 43 Resp: 1539
Ion Ratio Lower Upper
43 100
74 17.8 19.1 28.7#



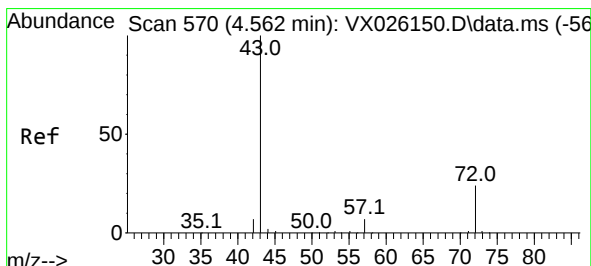
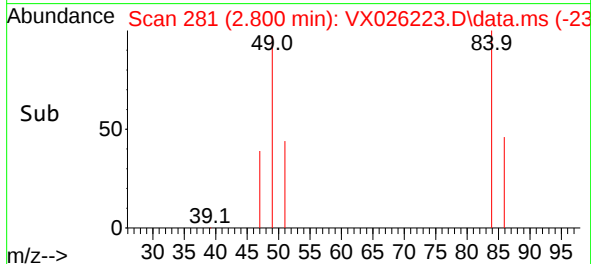
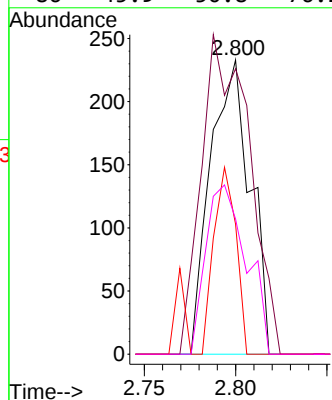


#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026223.D
Acq: 03 Jan 2022 16:23

Instrument :
MSVOA_X
ClientSampleId :

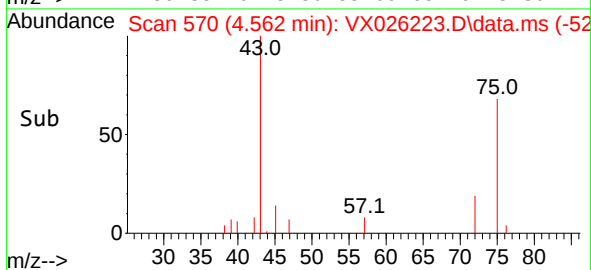
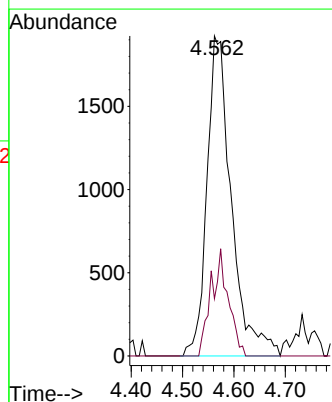
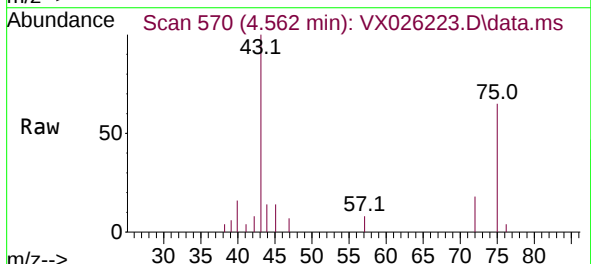


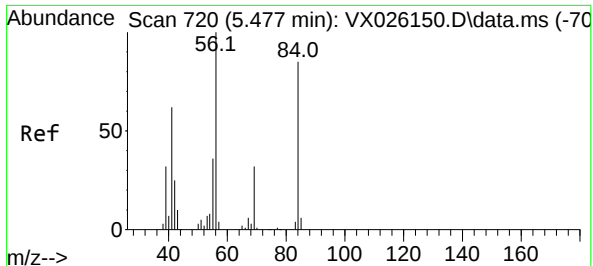
Tgt Ion: 84 Resp: 352
Ion Ratio Lower Upper
84 100
49 97.0 97.1 145.7#
51 44.2 29.3 43.9#
86 45.9 50.8 76.2#



#25
2-Butanone
Concen: 3.221 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX026223.D
Acq: 03 Jan 2022 16:23

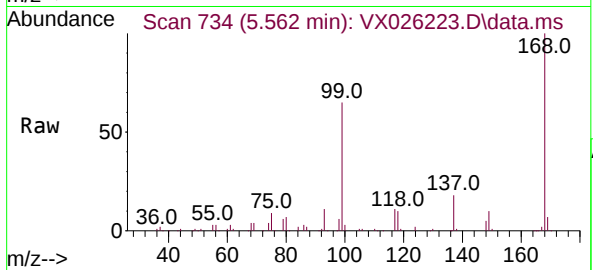
Tgt Ion: 43 Resp: 6344
Ion Ratio Lower Upper
43 100
72 17.9 21.0 31.4#



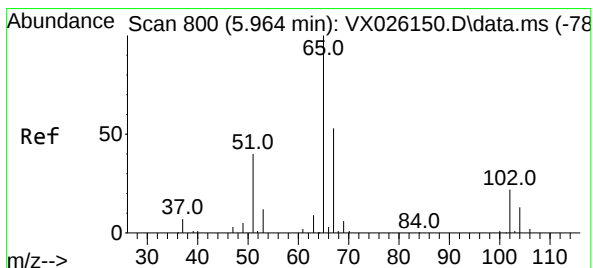
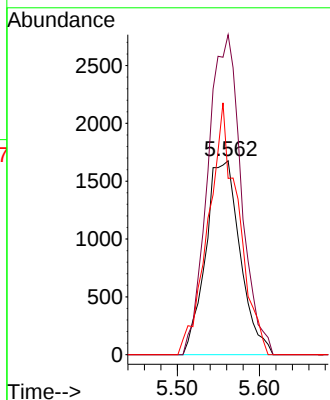
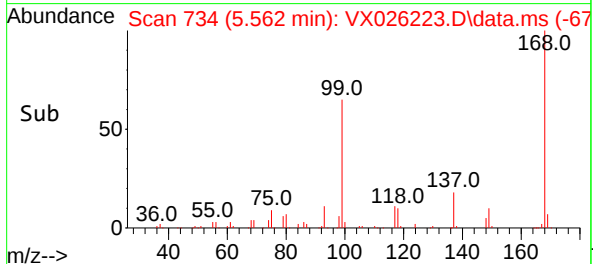


#31
Cyclohexane
Concen: 1.311 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX026223.D
Acq: 03 Jan 2022 16:23

Instrument :
MSVOA_X
ClientSampleId :

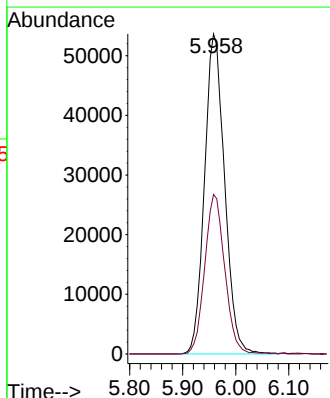
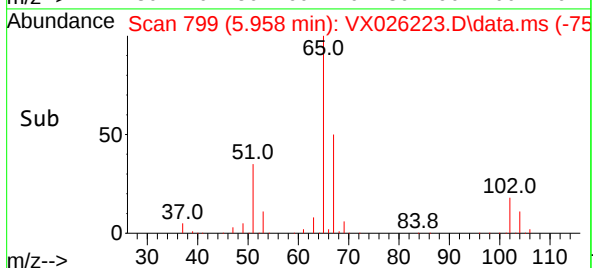
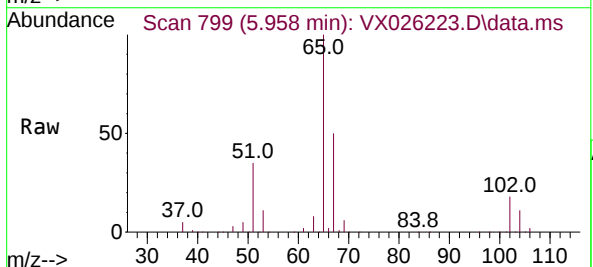


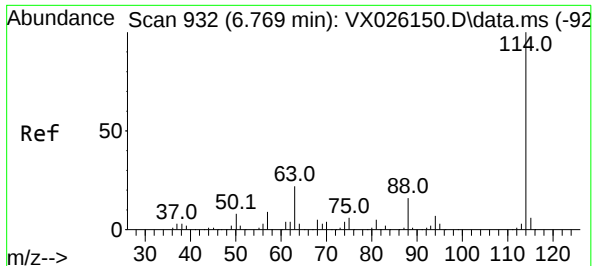
Tgt Ion: 56 Resp: 4872
Ion Ratio Lower Upper
56 100
69 165.0 23.9 35.9#
84 90.9 73.2 109.8



#33
1,2-Dichloroethane-d4
Concen: 54.120 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026223.D
Acq: 03 Jan 2022 16:23

Tgt Ion: 65 Resp: 141225
Ion Ratio Lower Upper
65 100
67 49.7 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX026223.D

Acq: 03 Jan 2022 16:23

Instrument :

MSVOA_X

ClientSampleId :

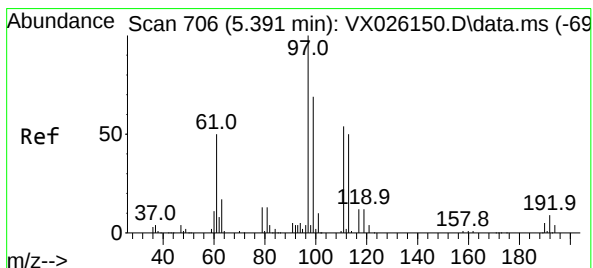
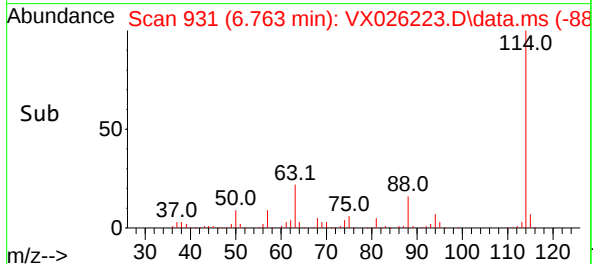
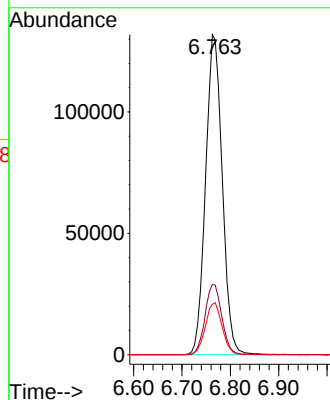
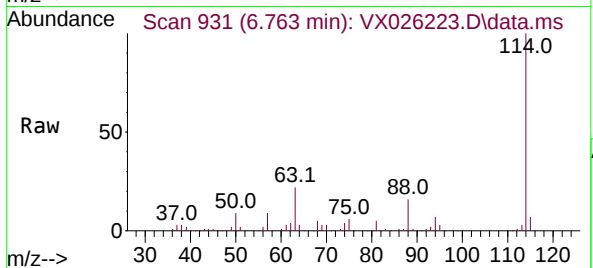
Tgt Ion:114 Resp: 315939

Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.0

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.259 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX026223.D

Acq: 03 Jan 2022 16:23

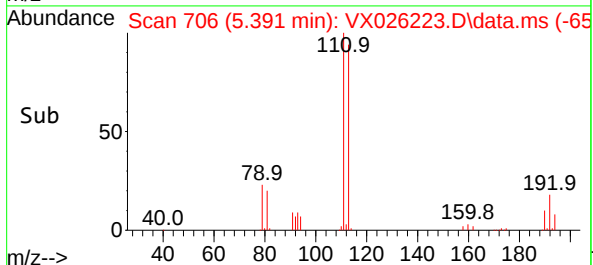
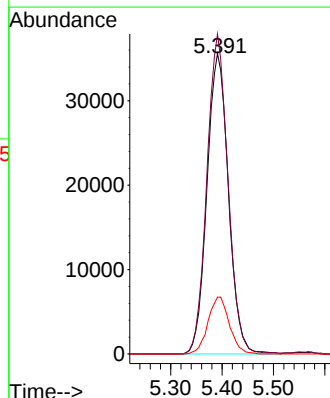
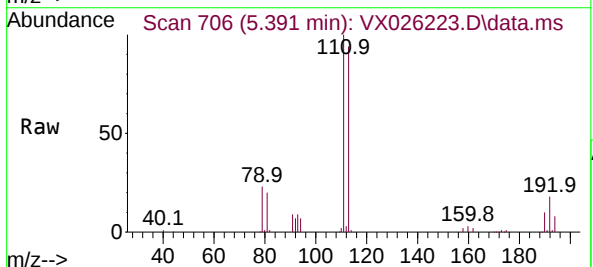
Tgt Ion:113 Resp: 103234

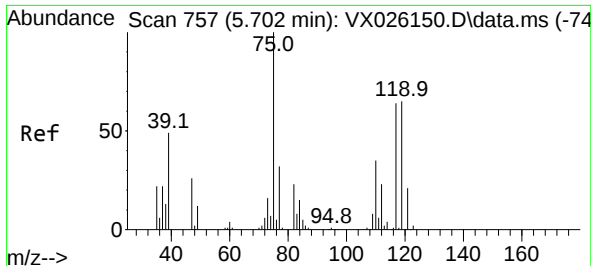
Ion Ratio Lower Upper

113 100

111 104.9 81.8 122.8

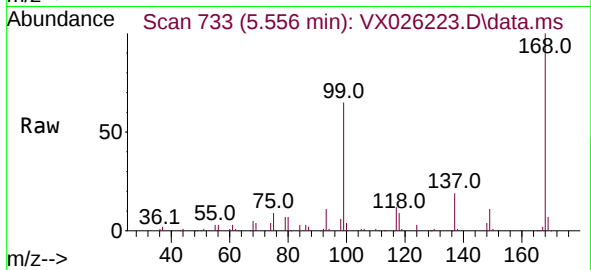
192 18.8 15.0 22.4



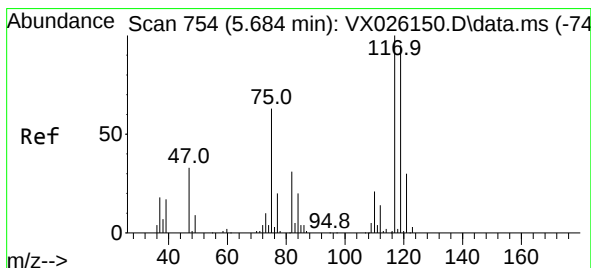
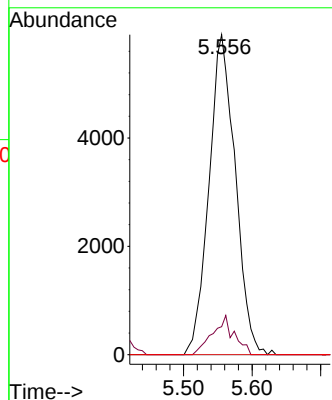
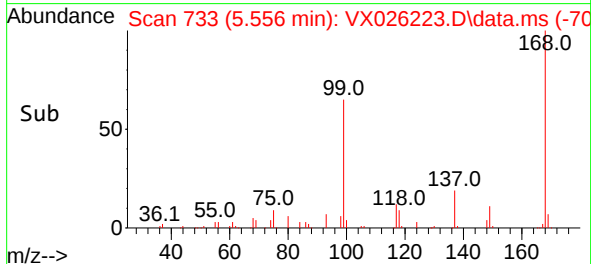


#36
1,1-Dichloropropene
Concen: 4.759 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX026223.D
Acq: 03 Jan 2022 16:23

Instrument :
MSVOA_X
ClientSampleId :

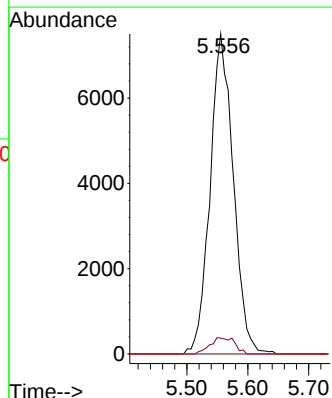
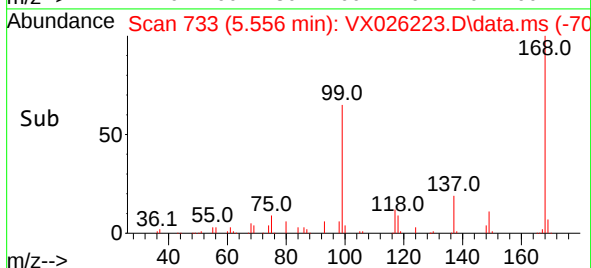
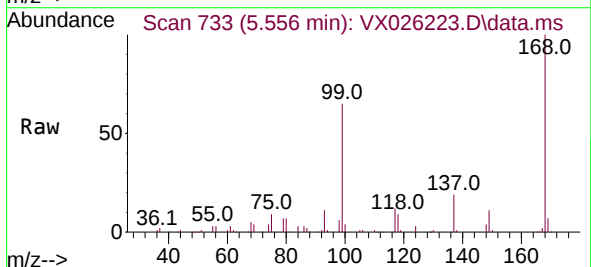


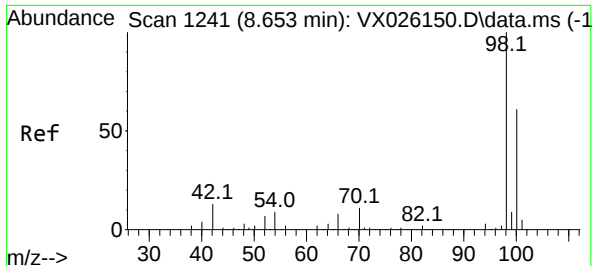
Tgt Ion: 75 Resp: 15766
Ion Ratio Lower Upper
75 100
110 10.0 18.2 54.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.386 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026223.D
Acq: 03 Jan 2022 16:23

Tgt Ion: 117 Resp: 19847
Ion Ratio Lower Upper
117 100
119 4.9 77.2 115.8#
121 0.0 23.8 35.8#

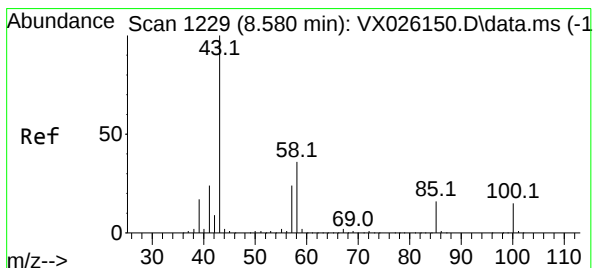
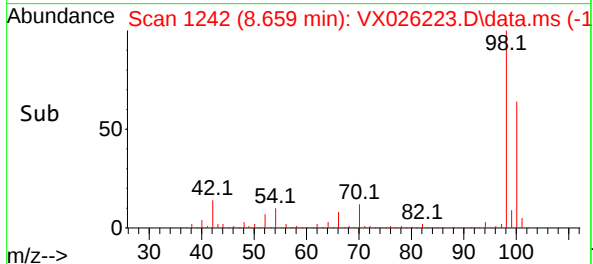
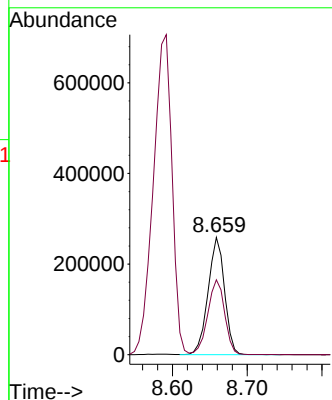
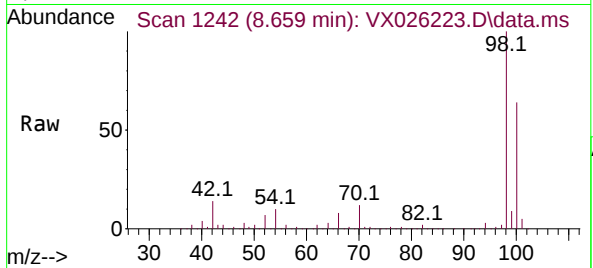




#50
Toluene-d8
Concen: 51.699 ug/l
RT: 8.659 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026223.D
Acq: 03 Jan 2022 16:23

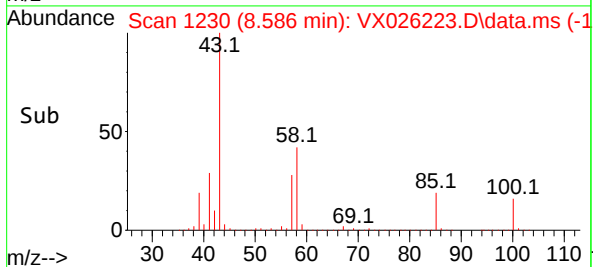
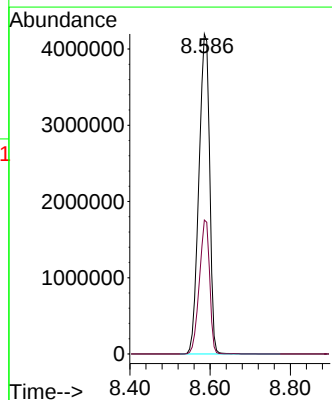
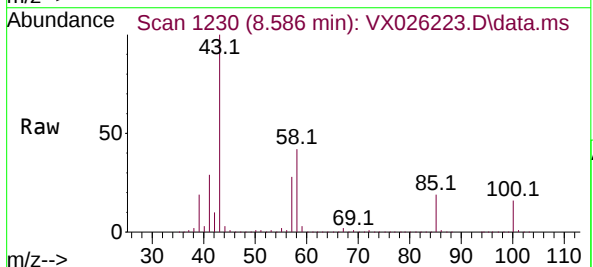
Instrument :
MSVOA_X
ClientSampleId :

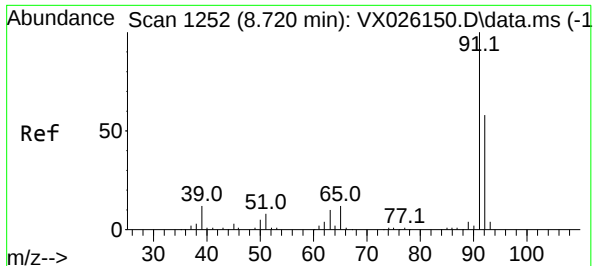
Tgt Ion: 98 Resp: 394988
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 1986.205 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VX026223.D
Acq: 03 Jan 2022 16:23

Tgt Ion: 43 Resp: 7738184
Ion Ratio Lower Upper
43 100
58 40.1 30.8 46.2

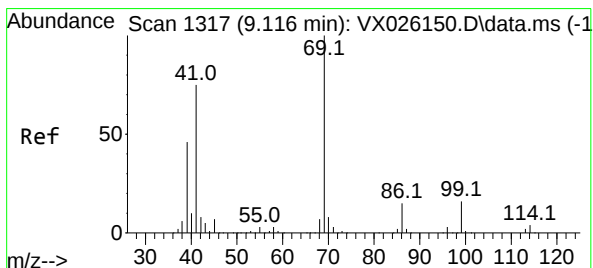
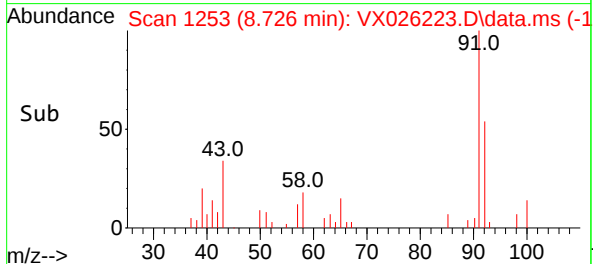
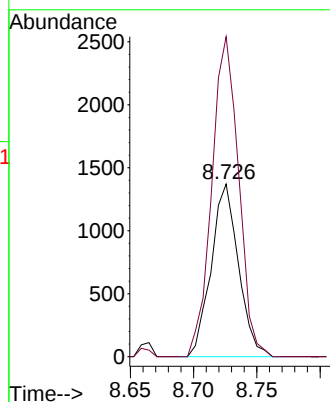
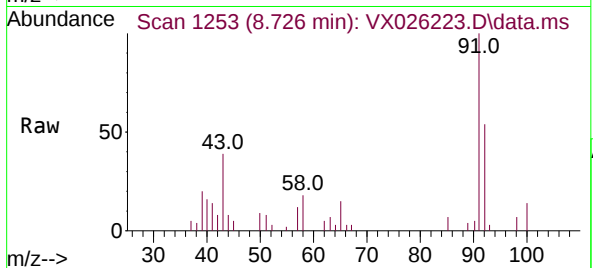




#52
Toluene
Concen: 0.354 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026223.D
Acq: 03 Jan 2022 16:23

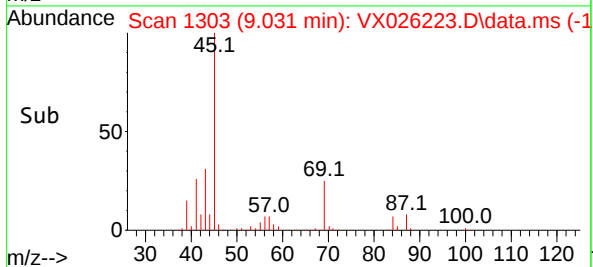
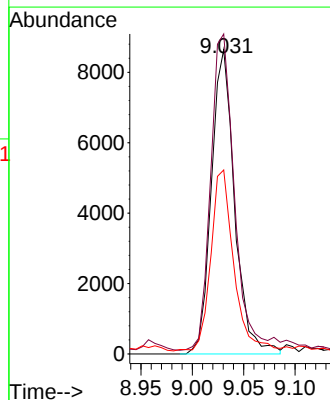
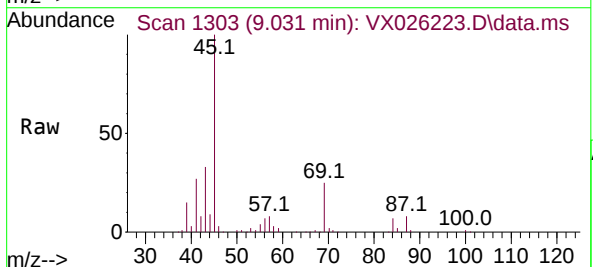
Instrument :
MSVOA_X
ClientSampleId :

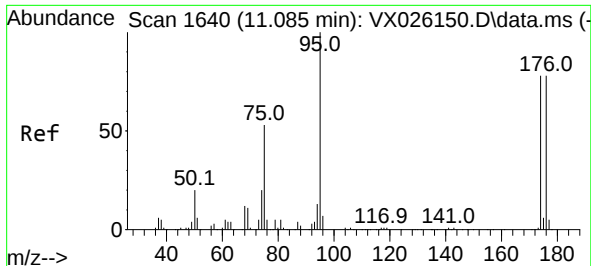
Tgt Ion: 92 Resp: 2060
Ion Ratio Lower Upper
92 100
91 181.8 136.0 204.0



#56
Ethyl methacrylate
Concen: 3.671 ug/l
RT: 9.031 min Scan# 1303
Delta R.T. -0.085 min
Lab File: VX026223.D
Acq: 03 Jan 2022 16:23

Tgt Ion: 69 Resp: 13544
Ion Ratio Lower Upper
69 100
41 110.0 52.8 79.2#
39 58.7 32.5 48.7#





#62

4-Bromofluorobenzene

Concen: 50.338 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX026223.D

Acq: 03 Jan 2022 16:23

Instrument :

MSVOA_X

ClientSampleId :

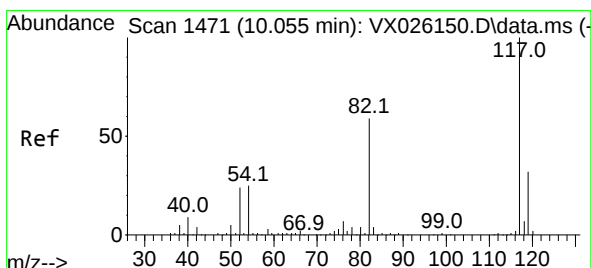
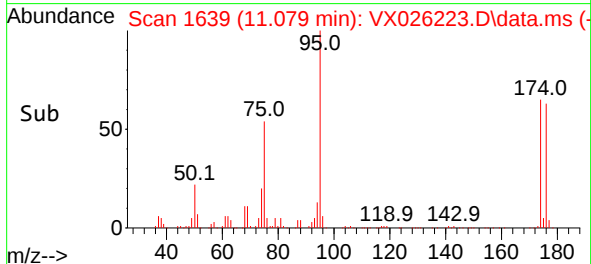
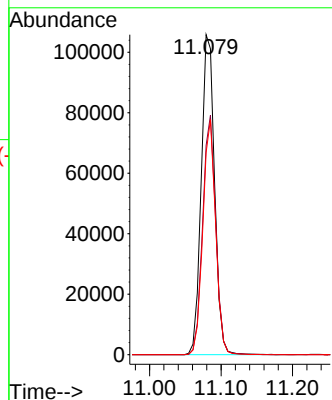
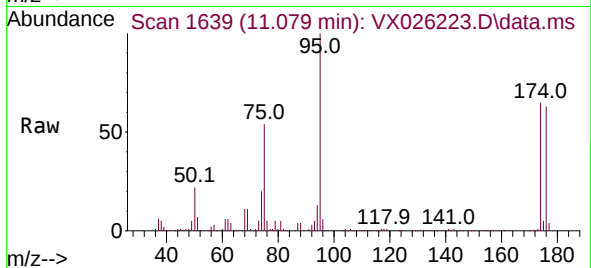
Tgt Ion: 95 Resp: 136910

Ion Ratio Lower Upper

95 100

174 73.3 0.0 157.4

176 70.6 0.0 154.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX026223.D

Acq: 03 Jan 2022 16:23

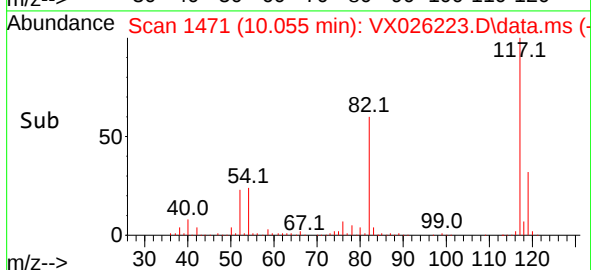
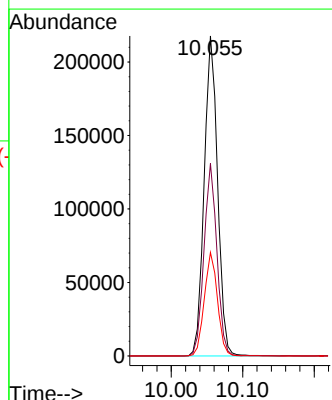
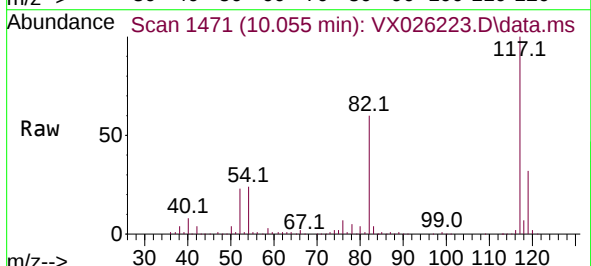
Tgt Ion: 117 Resp: 283403

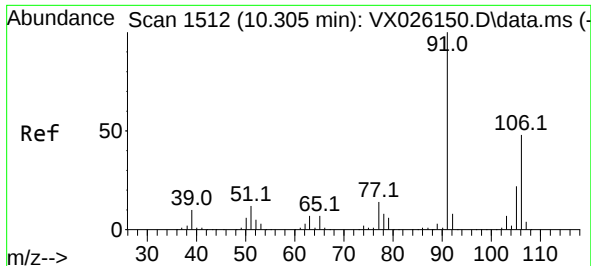
Ion Ratio Lower Upper

117 100

82 60.2 43.8 65.6

119 32.4 25.2 37.8

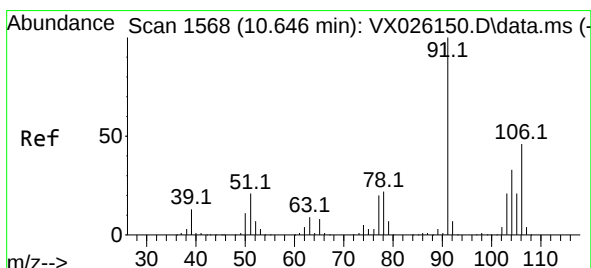
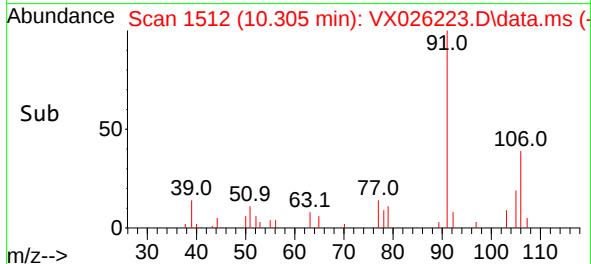
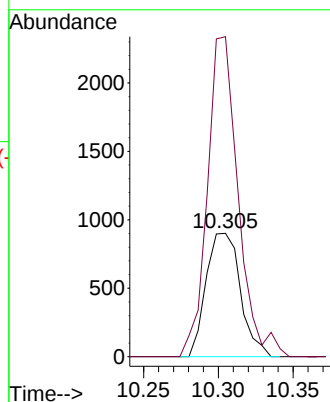
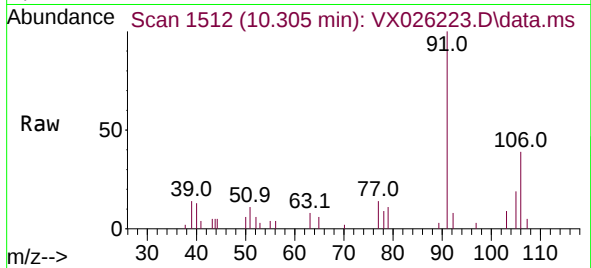




#68
m/p-Xylenes
Concen: 0.346 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX026223.D
Acq: 03 Jan 2022 16:23

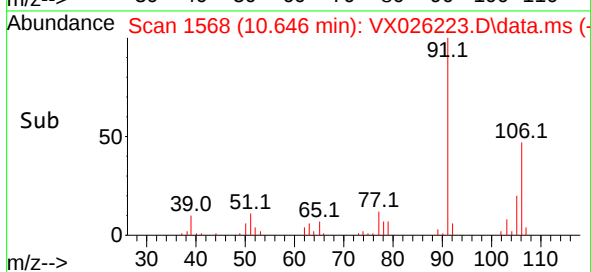
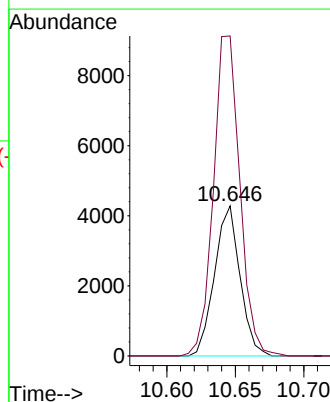
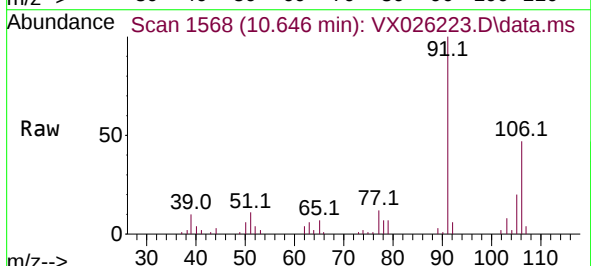
Instrument :
MSVOA_X
ClientSampleId :

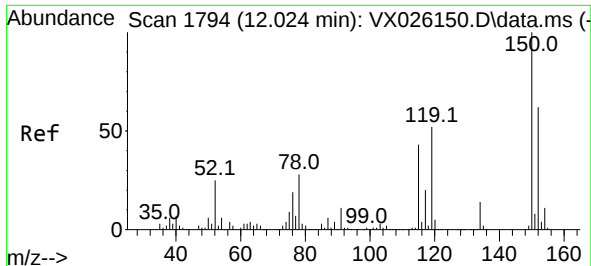
Tgt Ion:106 Resp: 1437
Ion Ratio Lower Upper
106 100
91 233.4 158.6 238.0



#69
o-Xylene
Concen: 1.361 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX026223.D
Acq: 03 Jan 2022 16:23

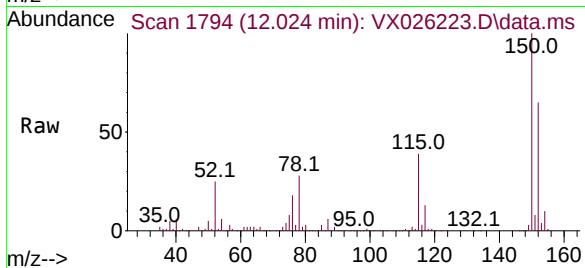
Tgt Ion:106 Resp: 5535
Ion Ratio Lower Upper
106 100
91 221.1 105.5 316.4



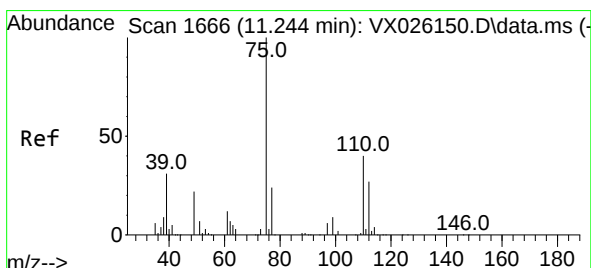
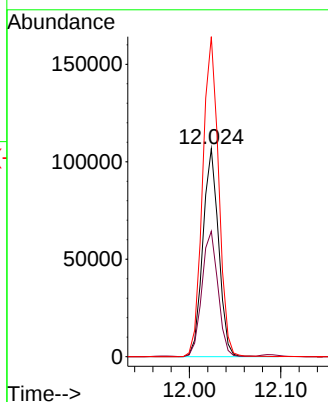
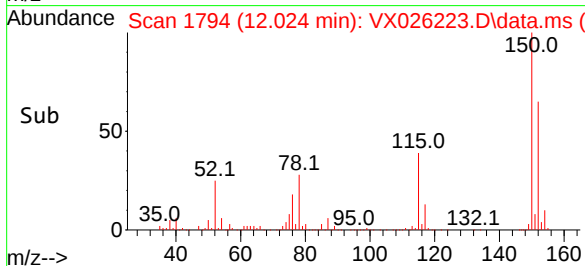


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX026223.D
 Acq: 03 Jan 2022 16:23

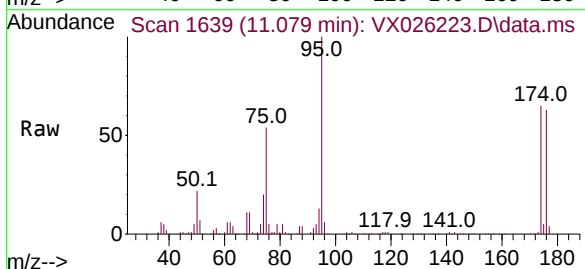
Instrument :
 MSVOA_X
 ClientSampleId :



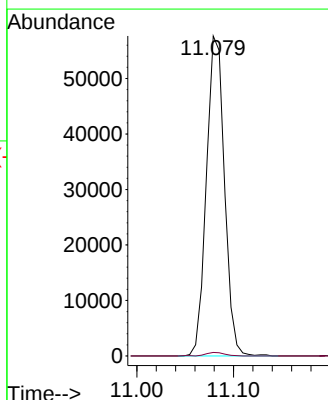
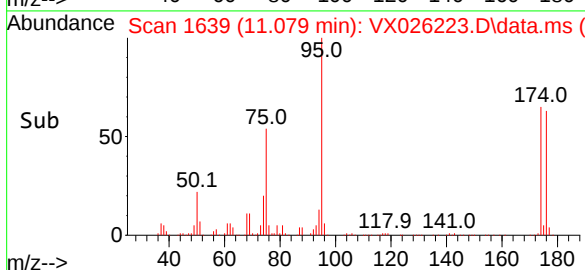
Tgt Ion:152 Resp: 126948
 Ion Ratio Lower Upper
 152 100
 115 61.4 41.3 123.9
 150 156.9 0.0 351.8

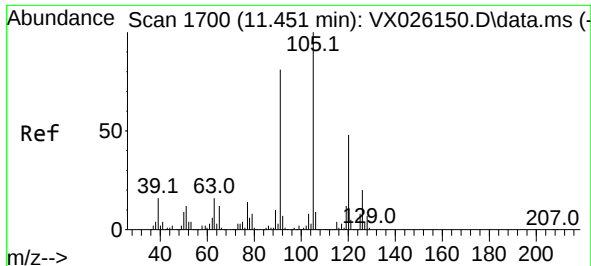


#76
 1,2,3-Trichloropropane
 Concen: 24.423 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026223.D
 Acq: 03 Jan 2022 16:23



Tgt Ion: 75 Resp: 74836
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.0 57.0#

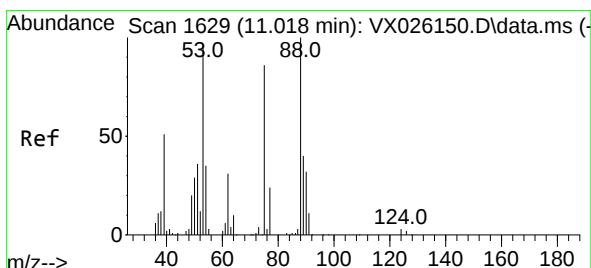
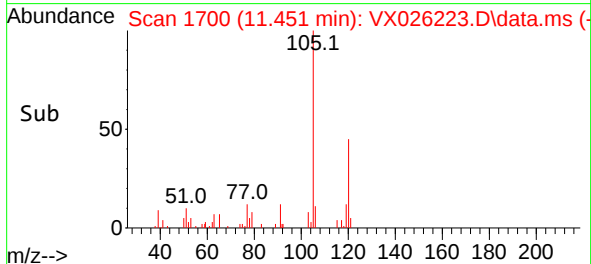
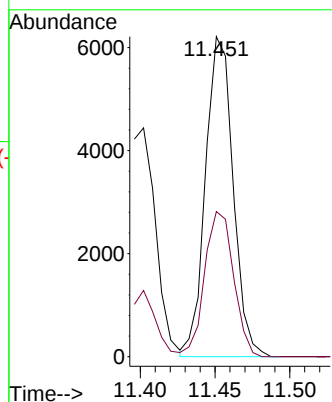
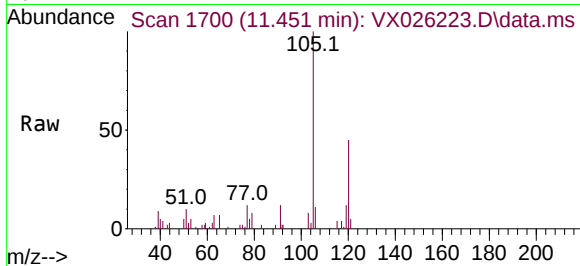




#80
 1,3,5-Trimethylbenzene
 Concen: 0.974 ug/l
 RT: 11.451 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX026223.D
 Acq: 03 Jan 2022 16:23

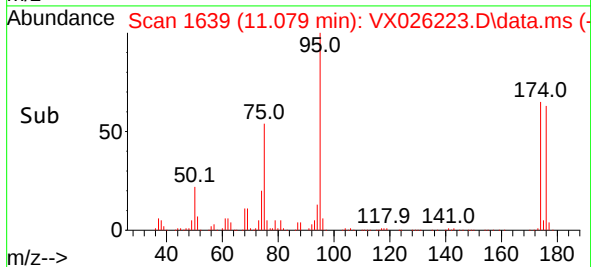
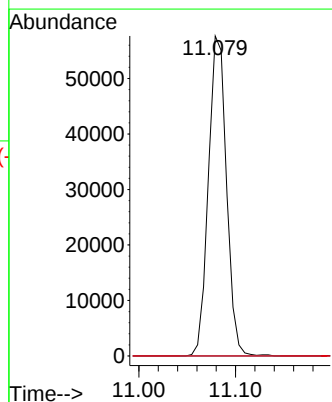
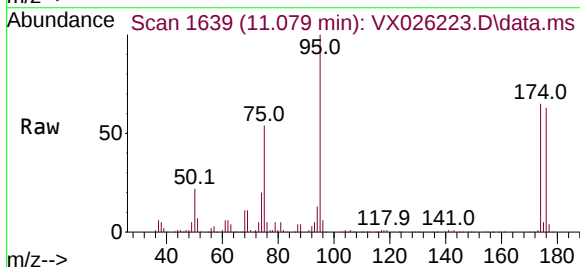
Instrument :
 MSVOA_X
 ClientSampleId :

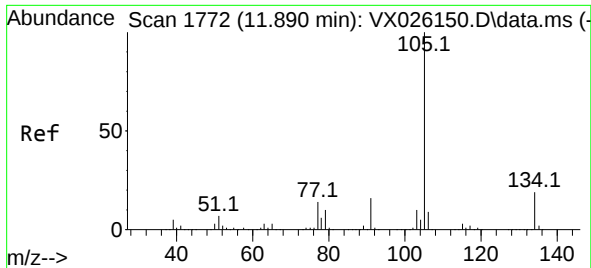
Tgt Ion:105 Resp: 7980
 Ion Ratio Lower Upper
 105 100
 120 47.5 24.9 74.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.655 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX026223.D
 Acq: 03 Jan 2022 16:23

Tgt Ion: 75 Resp: 74836
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 38.3 57.5#

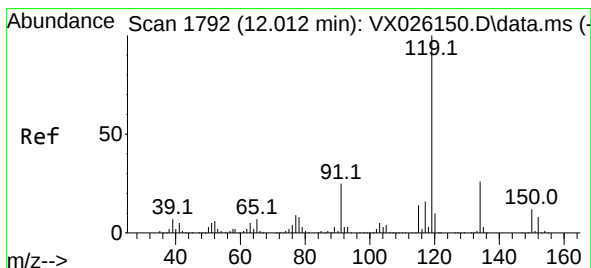
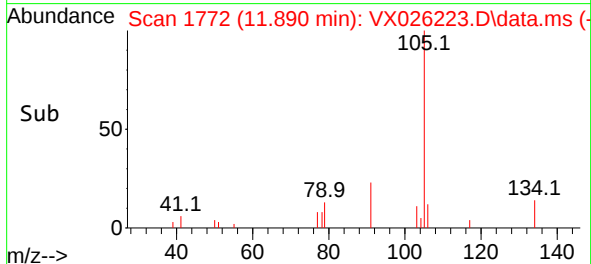
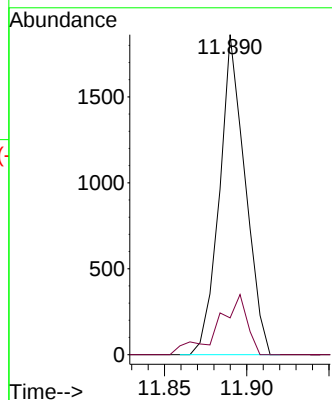
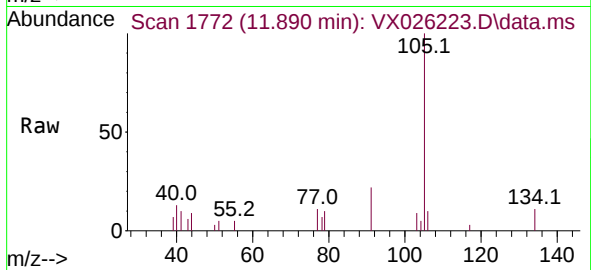




#85
 sec-Butylbenzene
 Concen: 0.204 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX026223.D
 Acq: 03 Jan 2022 16:23

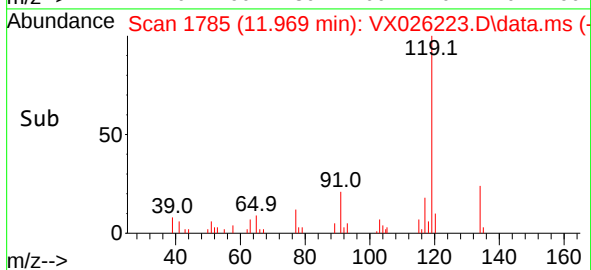
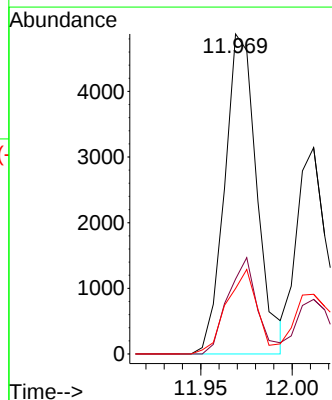
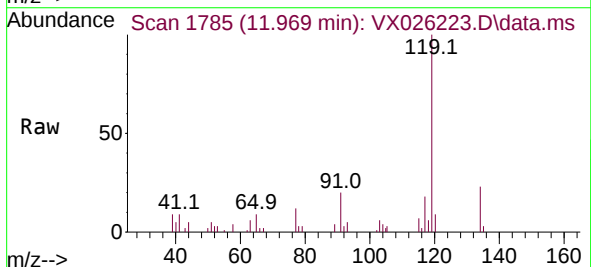
Instrument :
 MSVOA_X
 ClientSampleId :

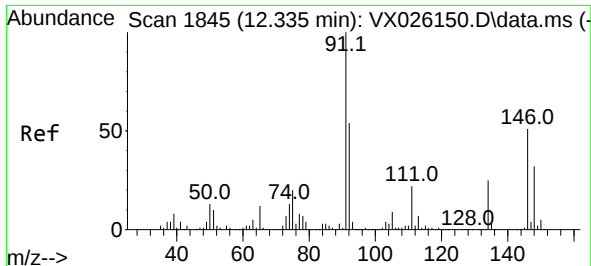
Tgt Ion:105 Resp: 2023
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 0.723 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. -0.043 min
 Lab File: VX026223.D
 Acq: 03 Jan 2022 16:23

Tgt Ion:119 Resp: 5982
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.2 39.6
 91 24.9 11.9 35.9





#89

n-Butylbenzene

Concen: 0.859 ug/l

RT: 12.317 min Scan# 11

Delta R.T. -0.018 min

Lab File: VX026223.D

Acq: 03 Jan 2022 16:23

Instrument :

MSVOA_X

ClientSampleId :

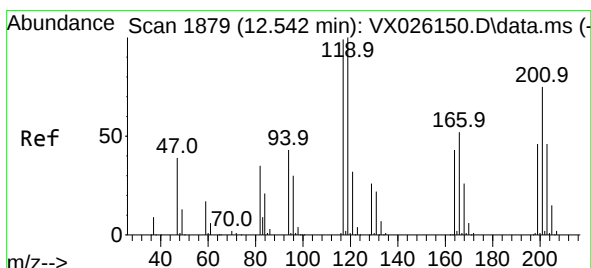
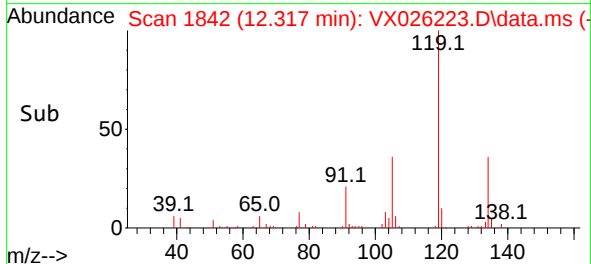
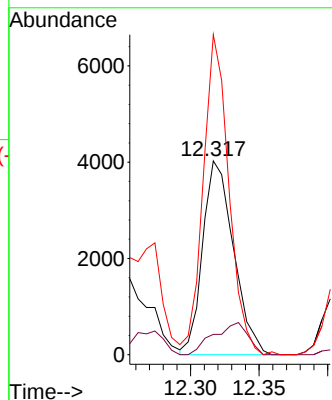
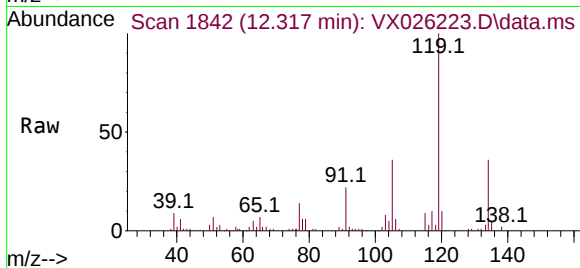
Tgt Ion: 91 Resp: 6312

Ion Ratio Lower Upper

91 100

92 18.5 27.3 81.8#

134 136.9 13.5 40.4#



#90

Hexachloroethane

Concen: 0.733 ug/l

RT: 12.554 min Scan# 1881

Delta R.T. 0.012 min

Lab File: VX026223.D

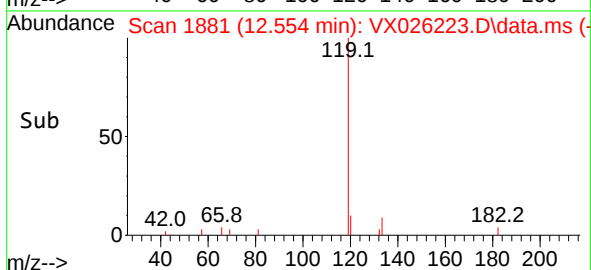
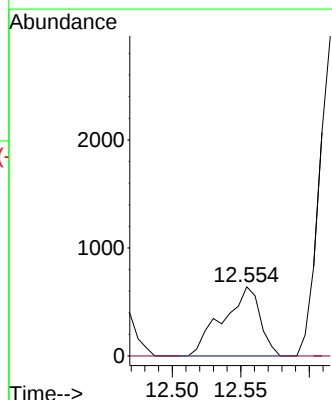
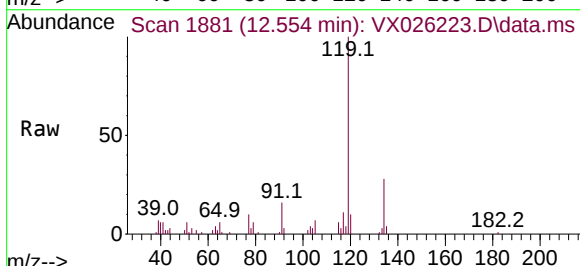
Acq: 03 Jan 2022 16:23

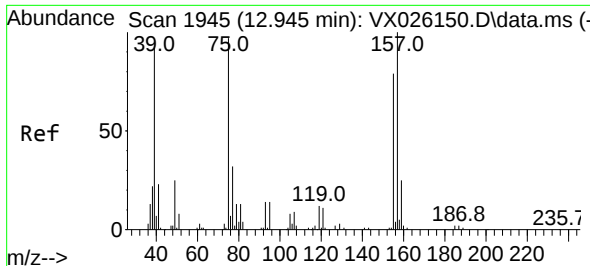
Tgt Ion: 117 Resp: 1211

Ion Ratio Lower Upper

117 100

201 0.0 35.4 106.3#

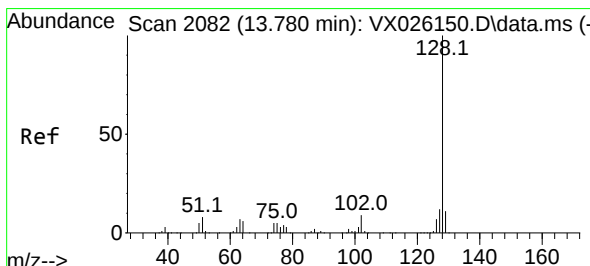
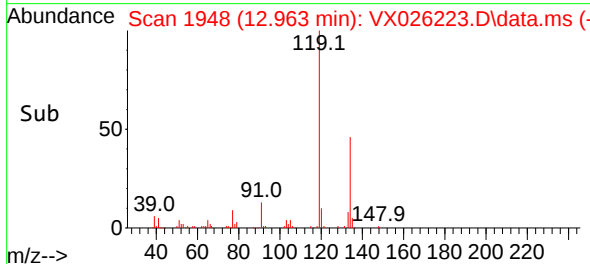
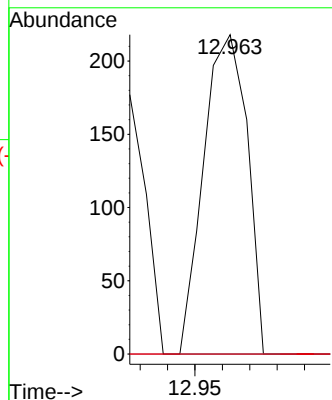
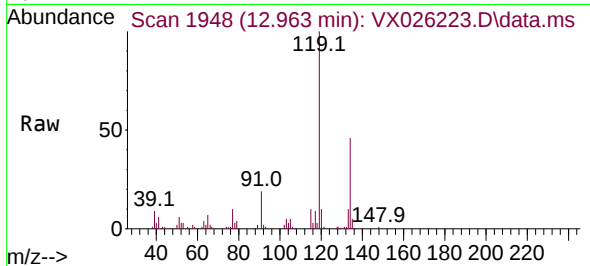




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.281 ug/l
RT: 12.963 min Scan# 1948
Delta R.T. 0.018 min
Lab File: VX026223.D
Acq: 03 Jan 2022 16:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 241
Ion Ratio Lower Upper
75 100
155 0.0 44.0 131.8#
157 0.0 55.5 166.5#



#95
Naphthalene
Concen: 0.487 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX026223.D
Acq: 03 Jan 2022 16:23

Tgt Ion: 128 Resp: 4782
Ion Ratio Lower Upper
128 100
127 21.4 10.3 15.5#
129 17.2 8.8 13.2#

