

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
 Data File : VX027120.D
 Acq On : 18 Feb 2022 19:11
 Operator : JC/MD
 Sample : N1465-04ME
 Misc : 6.70g/5.0mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A5-4-7.5ME

Quant Time: Feb 21 00:42:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

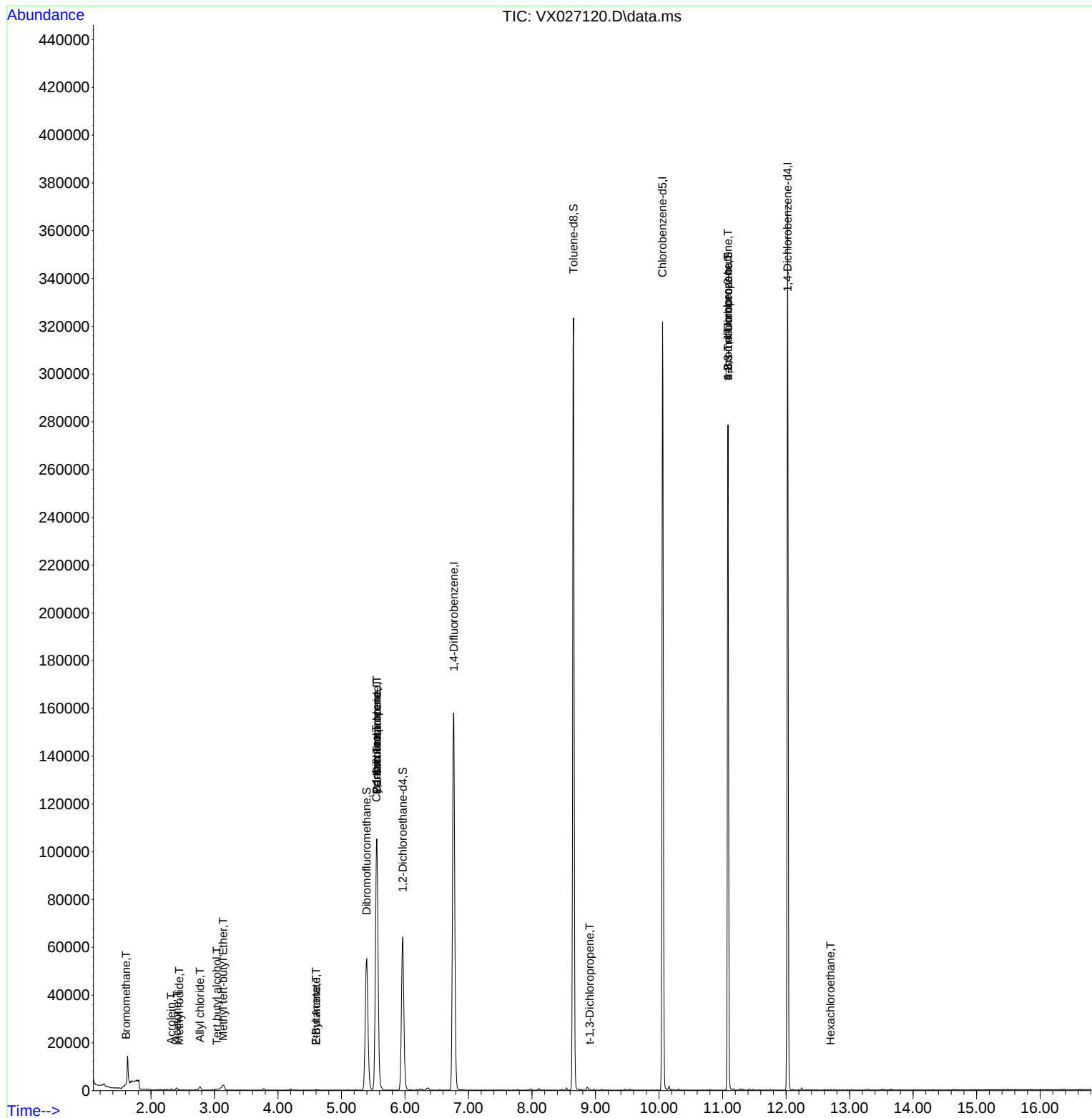
Internal Standards						
1) Pentafluorobenzene	5.556	168	104235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	172257	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	62339	49.822	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.640%		
35) Dibromofluoromethane	5.397	113	50480	49.188	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.380%		
50) Toluene-d8	8.653	98	198811	52.775	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	105.540%		
62) 4-Bromofluorobenzene	11.085	95	76046	57.337	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	114.680%		
Target Compounds			Qvalue			
5) Bromomethane	1.605	94	110	0.235	ug/l	83
10) Methyl Iodide	2.447	142	105	2.322	ug/l #	37
11) Tert butyl alcohol	3.038	59	805	3.561	ug/l #	83
13) Acrolein	2.319	56	62	0.297	ug/l #	14
14) Allyl chloride	2.770	41	388	0.205	ug/l #	53
16) Acetone	2.410	43	259	0.471	ug/l	97
19) Methyl tert-butyl Ether	3.136	73	911	0.241	ug/l #	72
25) 2-Butanone	4.599	43	371	0.419	ug/l #	50
31) Cyclohexane	5.550	56	1922	0.967	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	7552	4.665	ug/l #	50
37) Ethyl Acetate	4.599	43	371	0.202	ug/l #	69
38) Carbon Tetrachloride	5.556	117	10181	5.997	ug/l #	17
53) t-1,3-Dichloropropene	8.909	75	183	1.454	ug/l #	43
76) 1,2,3-Trichloropropane	11.085	75	36575	22.120	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.085	75	36575	67.860	ug/l #	3
90) Hexachloroethane	12.701	117	180	0.248	ug/l #	14

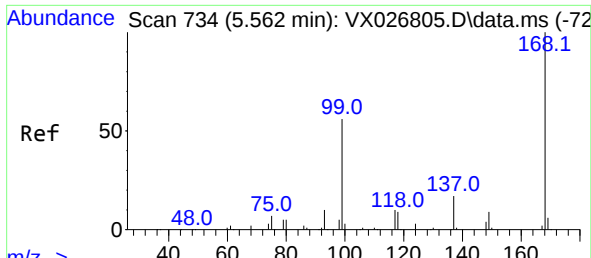
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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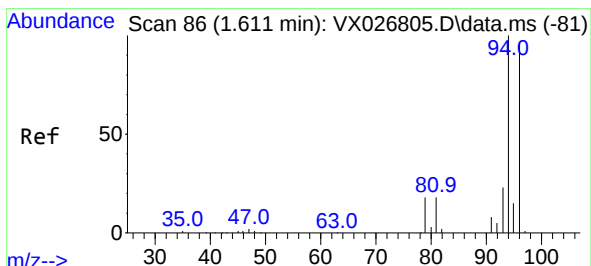
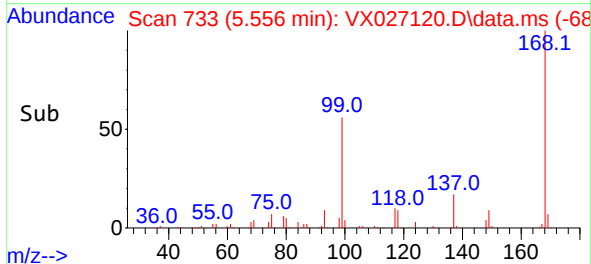
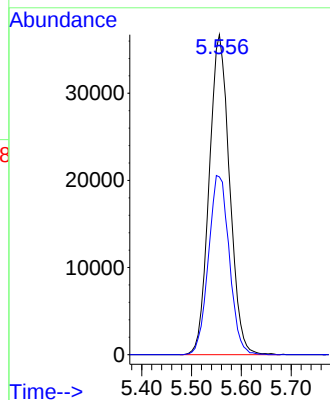
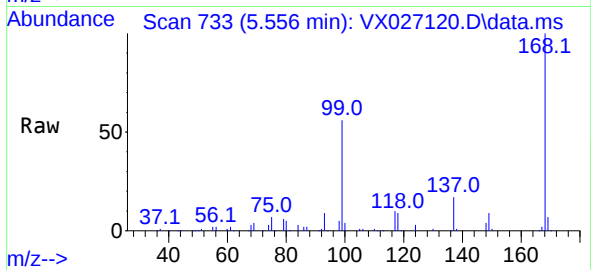




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027120.D
Acq: 18 Feb 2022 19:11

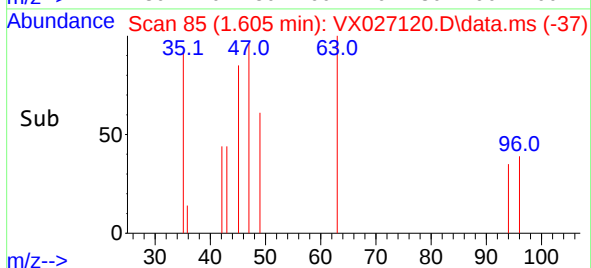
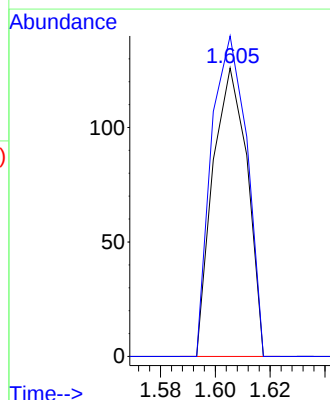
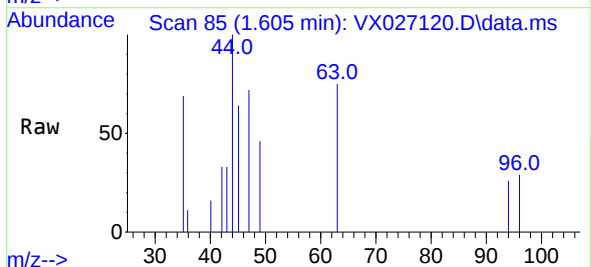
Instrument :
MSVOA_X
ClientSampleId :
A5-4-7.5ME

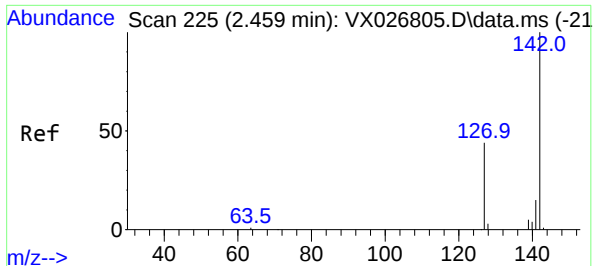
Tgt Ion:168 Resp: 104235
Ion Ratio Lower Upper
168 100
99 55.6 50.3 75.5



#5
Bromomethane
Concen: 0.235 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.006 min
Lab File: VX027120.D
Acq: 18 Feb 2022 19:11

Tgt Ion: 94 Resp: 110
Ion Ratio Lower Upper
94 100
96 111.1 75.9 113.9

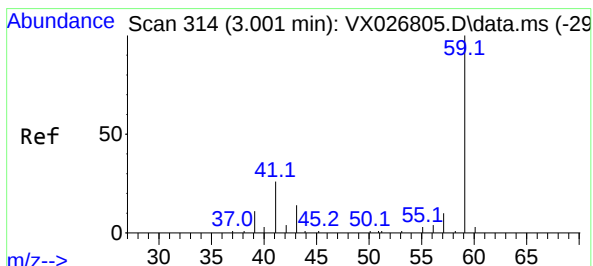
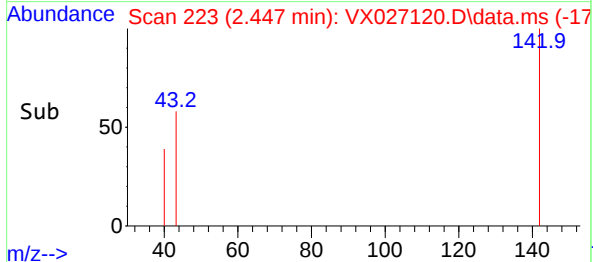
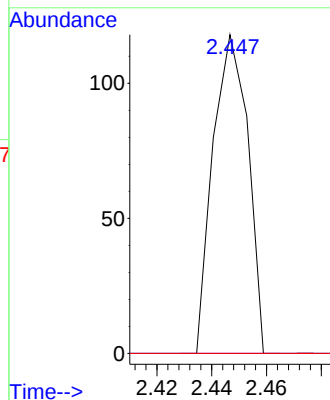
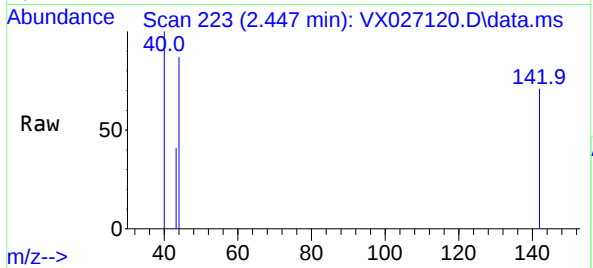




#10
Methyl Iodide
Concen: 2.322 ug/l
RT: 2.447 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX027120.D
Acq: 18 Feb 2022 19:11

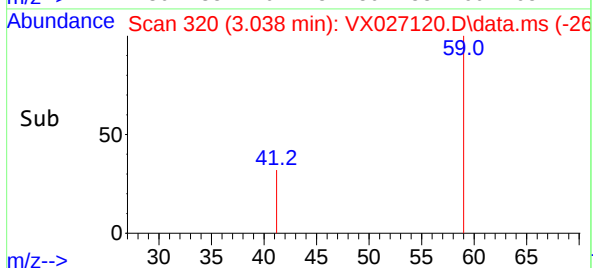
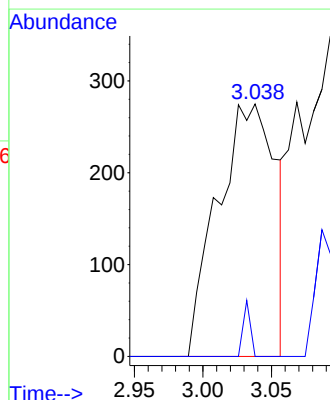
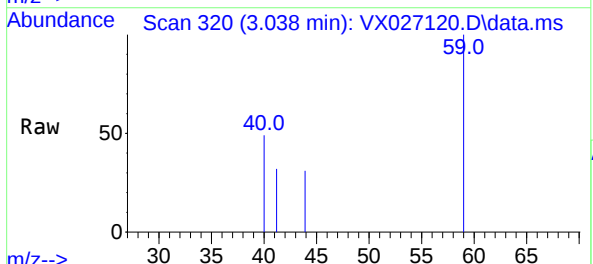
Instrument :
MSVOA_X
ClientSampleId :
A5-4-7.5ME

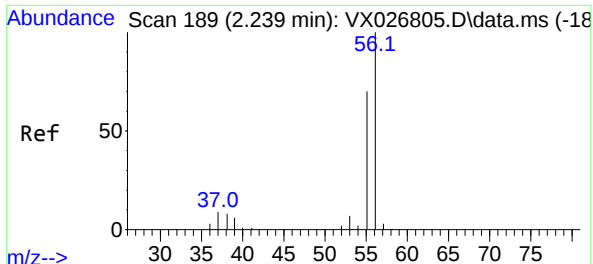
Tgt Ion:142 Resp: 105
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 3.561 ug/l
RT: 3.038 min Scan# 320
Delta R.T. 0.037 min
Lab File: VX027120.D
Acq: 18 Feb 2022 19:11

Tgt Ion: 59 Resp: 805
Ion Ratio Lower Upper
59 100
57 2.7 7.2 10.8#

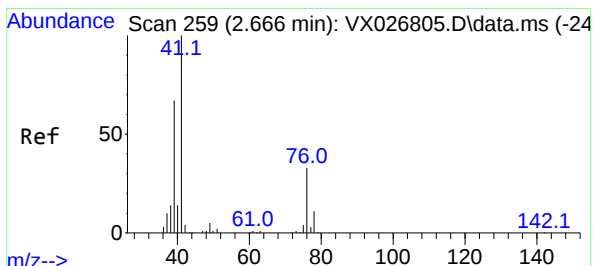
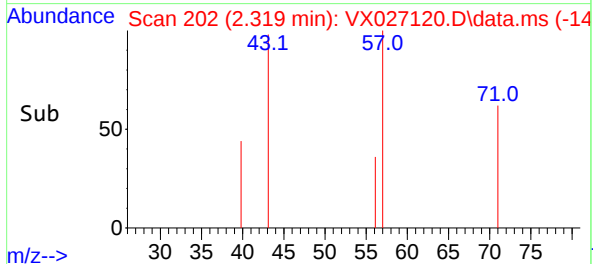
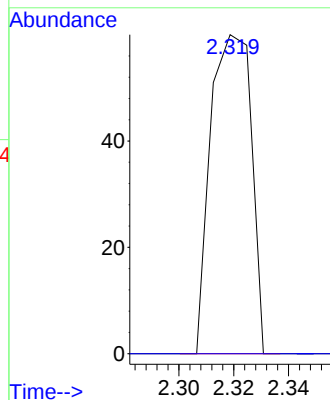
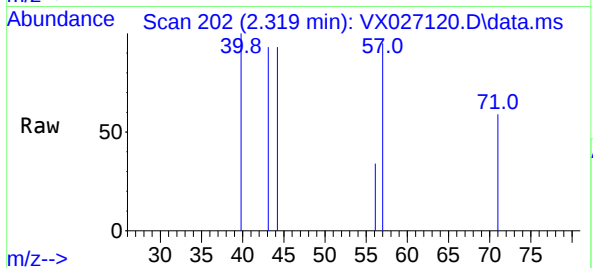




#13
Acrolein
Concen: 0.297 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.079 min
Lab File: VX027120.D
Acq: 18 Feb 2022 19:11

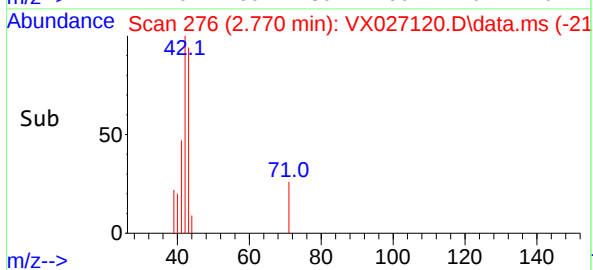
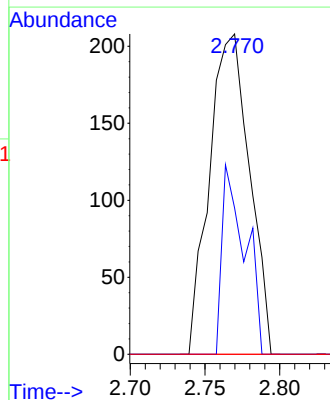
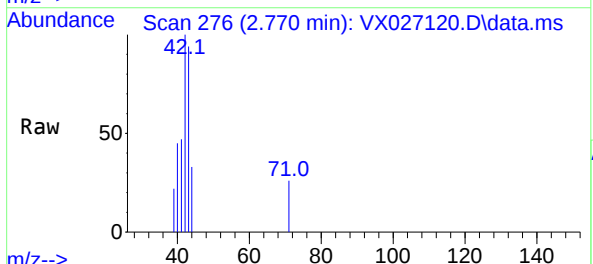
Instrument :
MSVOA_X
Client Sample Id :
A5-4-7.5ME

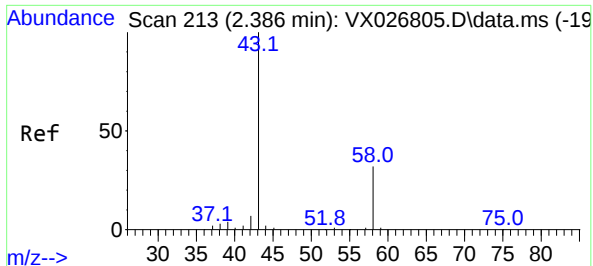
Tgt Ion: 56 Resp: 62
Ion Ratio Lower Upper
56 100
55 0.0 56.9 85.3#



#14
Allyl chloride
Concen: 0.205 ug/l
RT: 2.770 min Scan# 276
Delta R.T. 0.104 min
Lab File: VX027120.D
Acq: 18 Feb 2022 19:11

Tgt Ion: 41 Resp: 388
Ion Ratio Lower Upper
41 100
39 34.0 54.2 81.4#
76 0.0 25.2 37.8#

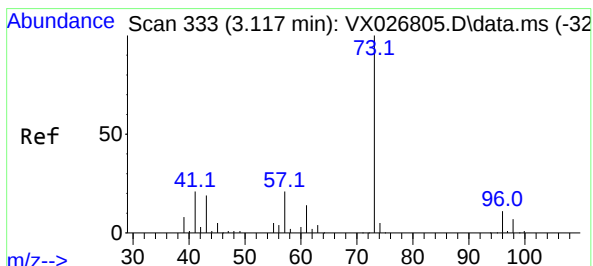
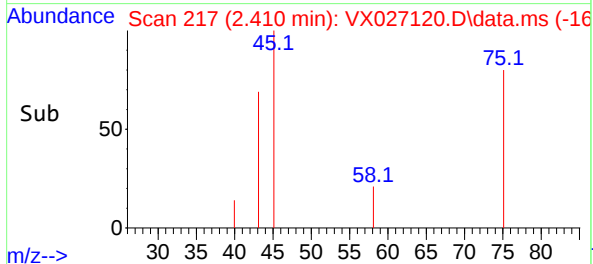
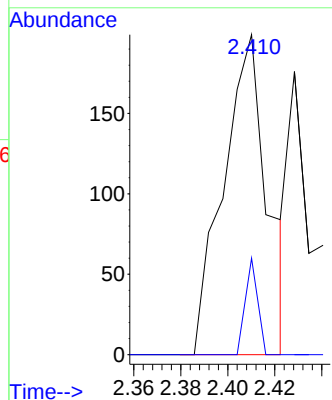
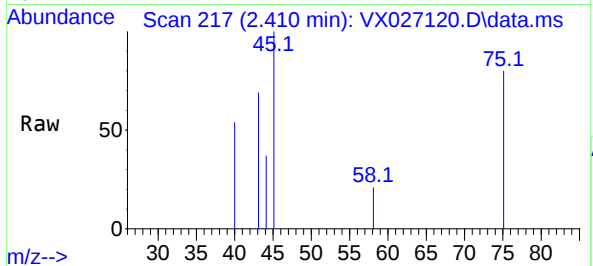




#16
Acetone
Concen: 0.471 ug/l
RT: 2.410 min Scan# 213
Delta R.T. 0.024 min
Lab File: VX027120.D
Acq: 18 Feb 2022 19:11

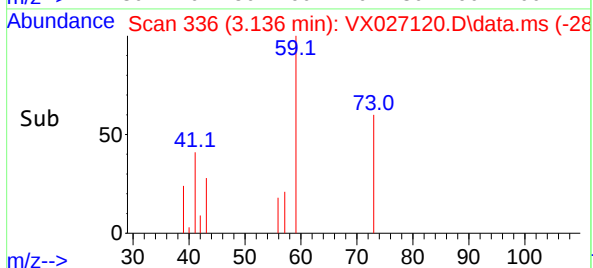
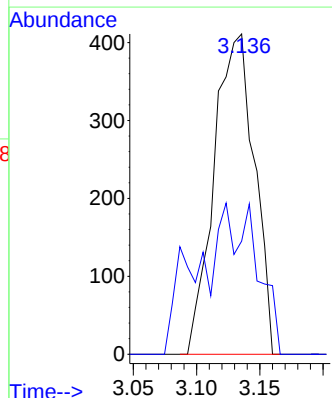
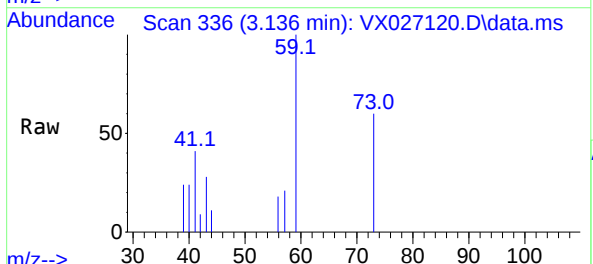
Instrument :
MSVOA_X
ClientSampleId :
A5-4-7.5ME

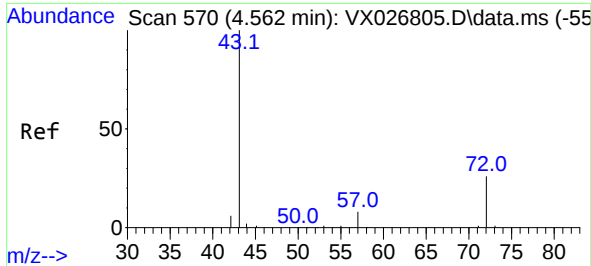
Tgt Ion: 43 Resp: 259
Ion Ratio Lower Upper
43 100
58 30.2 23.0 34.6



#19
Methyl tert-butyl Ether
Concen: 0.241 ug/l
RT: 3.136 min Scan# 336
Delta R.T. 0.018 min
Lab File: VX027120.D
Acq: 18 Feb 2022 19:11

Tgt Ion: 73 Resp: 911
Ion Ratio Lower Upper
73 100
57 35.3 17.4 26.2#





#25

2-Butanone

Concen: 0.419 ug/l

RT: 4.599 min Scan# 51

Delta R.T. 0.037 min

Lab File: VX027120.D

Acq: 18 Feb 2022 19:11

Instrument :

MSVOA_X

ClientSampleId :

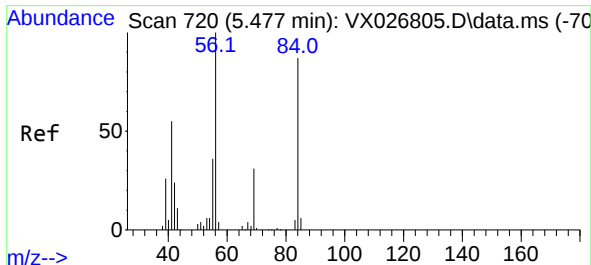
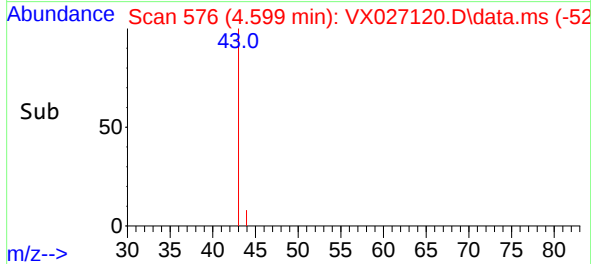
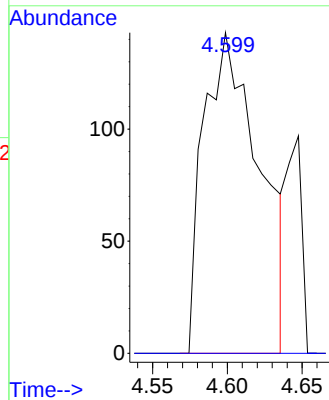
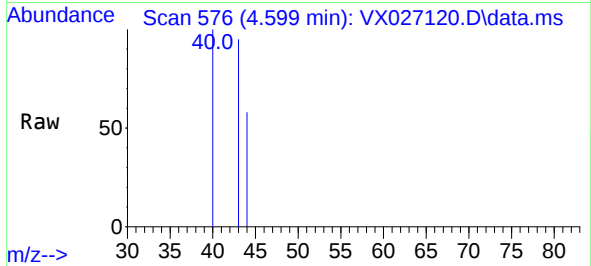
A5-4-7.5ME

Tgt Ion: 43 Resp: 371

Ion Ratio Lower Upper

43 100

72 0.0 20.4 30.6#



#31

Cyclohexane

Concen: 0.967 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX027120.D

Acq: 18 Feb 2022 19:11

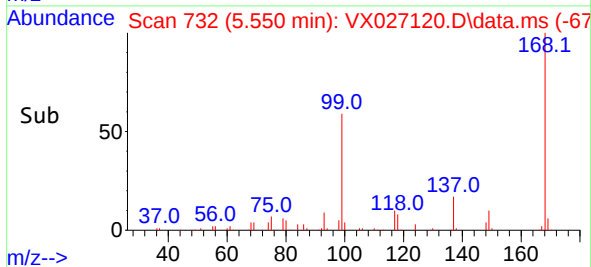
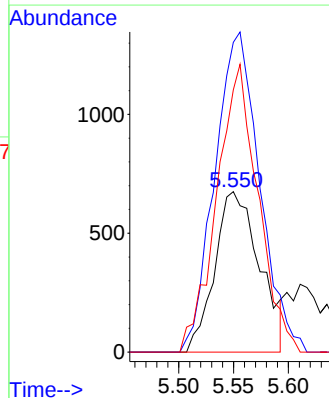
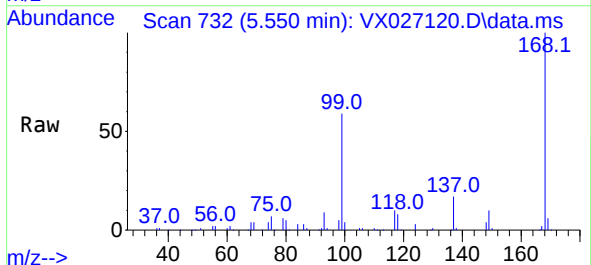
Tgt Ion: 56 Resp: 1922

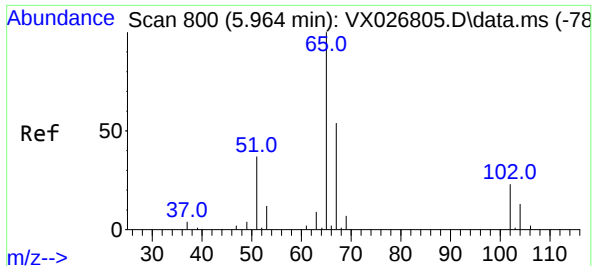
Ion Ratio Lower Upper

56 100

69 193.0 25.8 38.6#

84 163.4 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 49.822 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX027120.D

Acq: 18 Feb 2022 19:11

Instrument :

MSVOA_X

ClientSampleId :

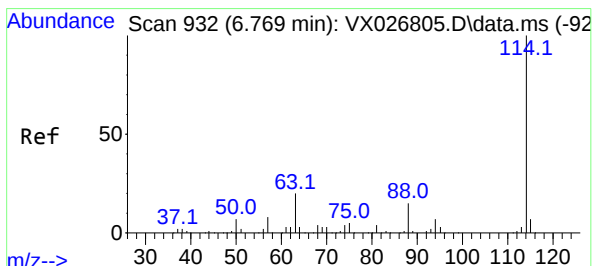
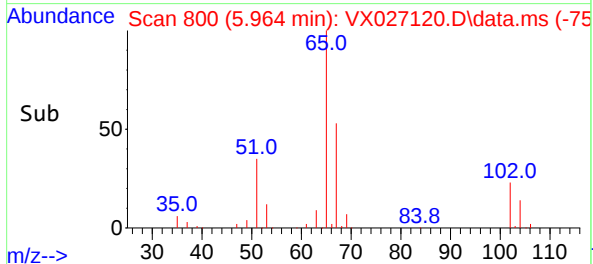
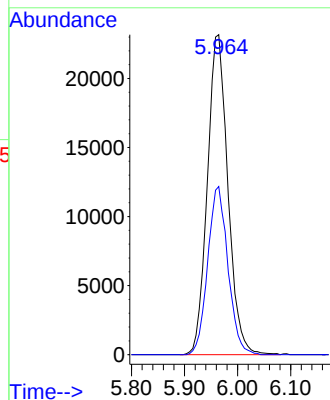
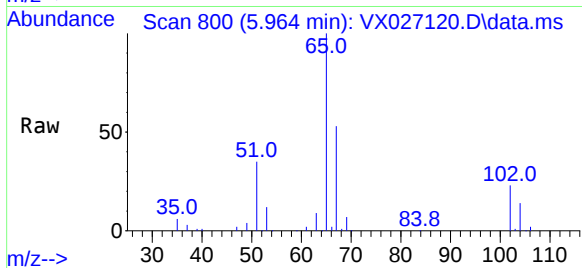
A5-4-7.5ME

Tgt Ion: 65 Resp: 62339

Ion Ratio Lower Upper

65 100

67 51.7 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX027120.D

Acq: 18 Feb 2022 19:11

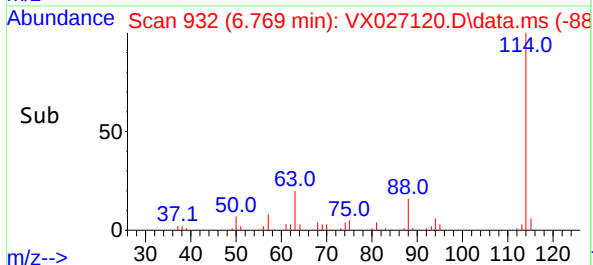
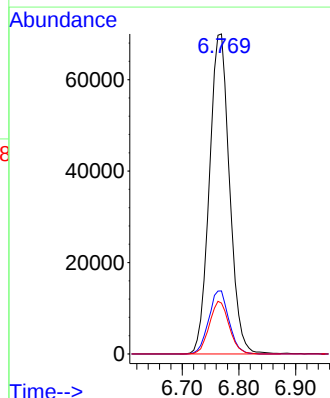
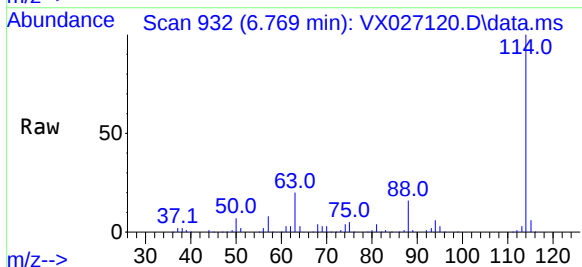
Tgt Ion: 114 Resp: 172257

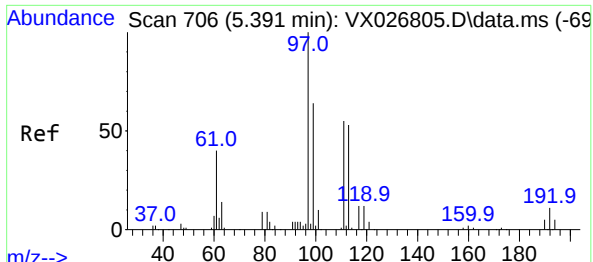
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.8

88 15.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.188 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX027120.D

Acq: 18 Feb 2022 19:11

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A5-4-7.5ME

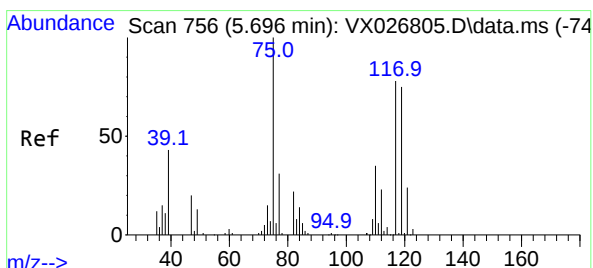
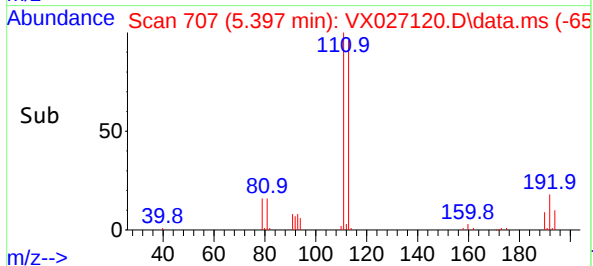
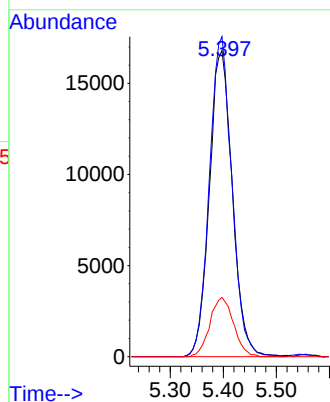
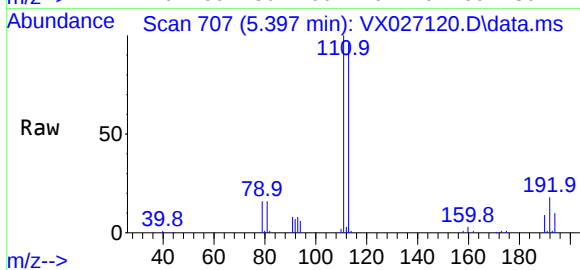
Tgt Ion:113 Resp: 50480

Ion Ratio Lower Upper

113 100

111 102.7 81.2 121.8

192 20.0 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.665 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX027120.D

Acq: 18 Feb 2022 19:11

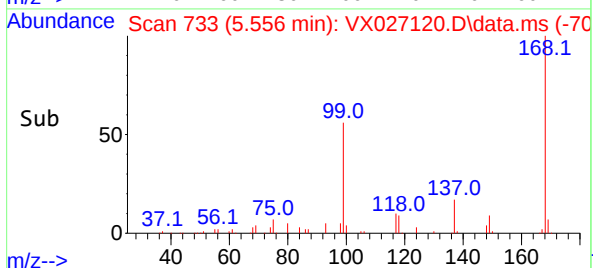
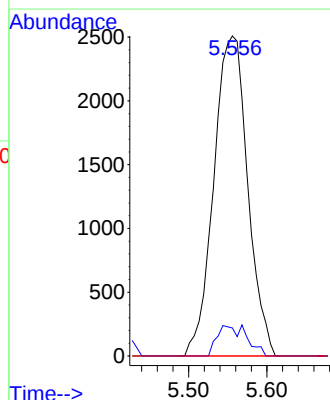
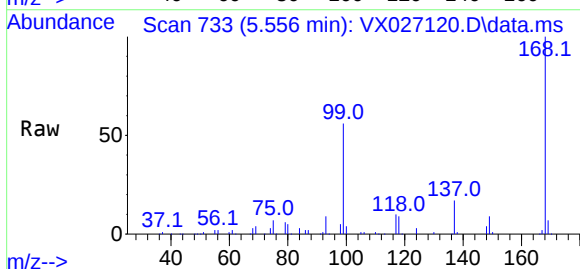
Tgt Ion: 75 Resp: 7552

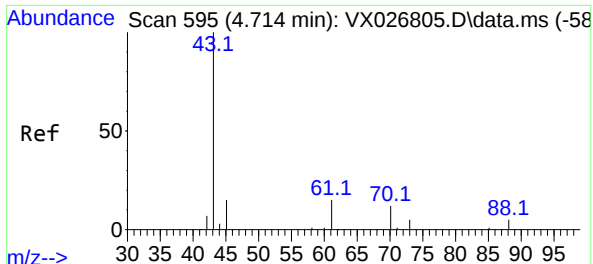
Ion Ratio Lower Upper

75 100

110 8.4 17.2 51.6#

77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 0.202 ug/l

RT: 4.599 min Scan# 51

Delta R.T. -0.116 min

Lab File: VX027120.D

Acq: 18 Feb 2022 19:11

Instrument :

MSVOA_X

ClientSampleId :

A5-4-7.5ME

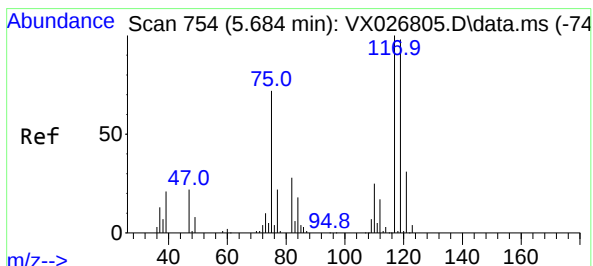
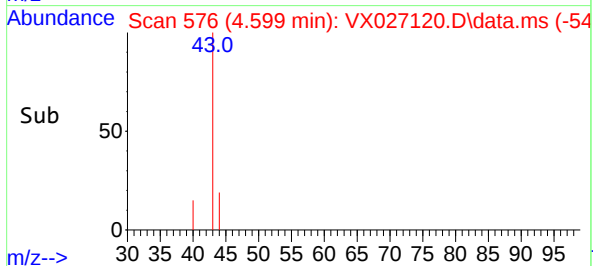
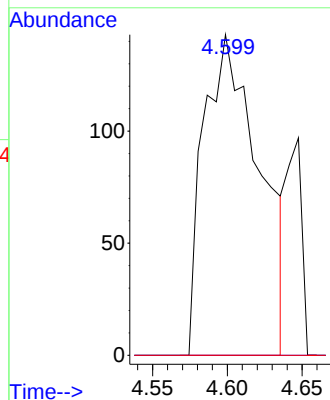
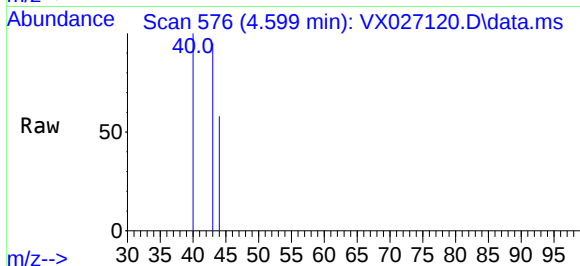
Tgt Ion: 43 Resp: 371

Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 0.0 8.5 12.7#



#38

Carbon Tetrachloride

Concen: 5.997 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX027120.D

Acq: 18 Feb 2022 19:11

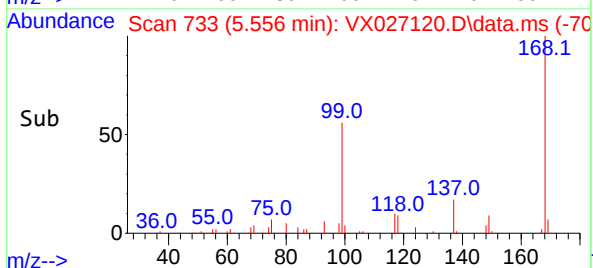
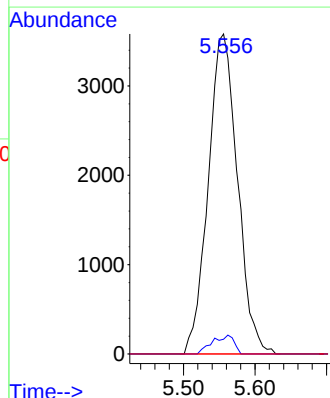
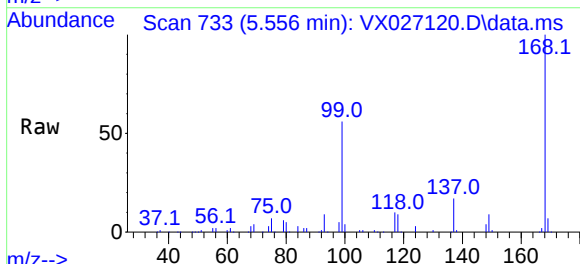
Tgt Ion: 117 Resp: 10181

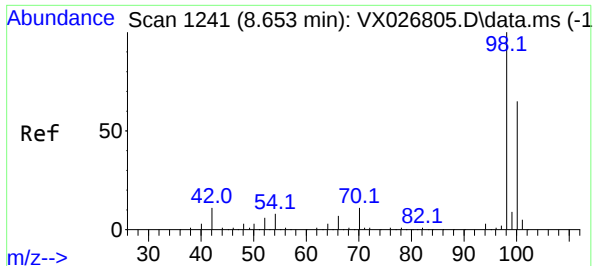
Ion Ratio Lower Upper

117 100

119 4.6 74.7 112.1#

121 0.0 25.4 38.0#





#50

Toluene-d8

Concen: 52.775 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX027120.D

Acq: 18 Feb 2022 19:11

Instrument :

MSVOA_X

ClientSampleId :

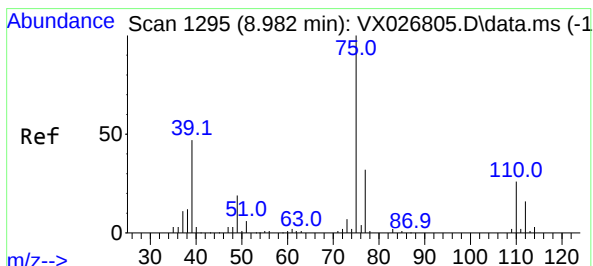
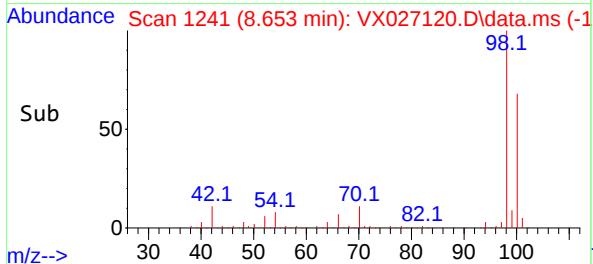
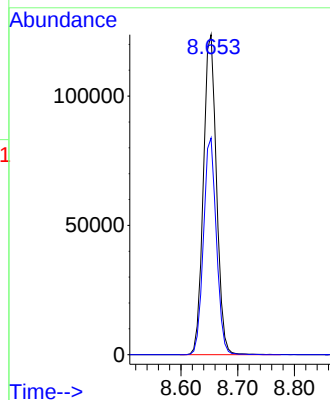
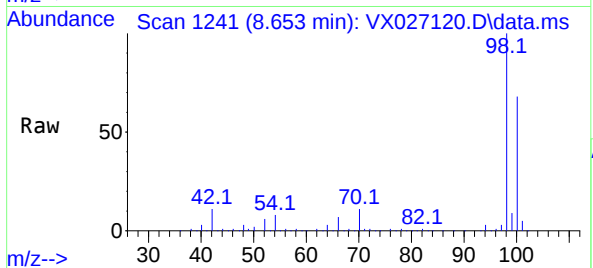
A5-4-7.5ME

Tgt Ion: 98 Resp: 198811

Ion Ratio Lower Upper

98 100

100 66.7 53.2 79.8



#53

t-1,3-Dichloropropene

Concen: 1.454 ug/l

RT: 8.909 min Scan# 1283

Delta R.T. -0.073 min

Lab File: VX027120.D

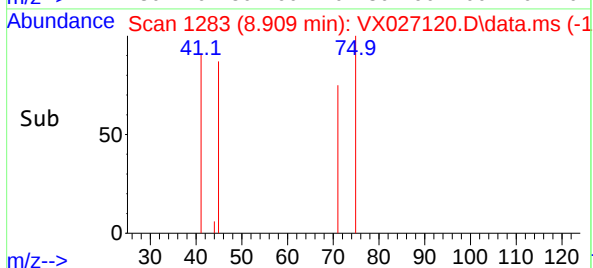
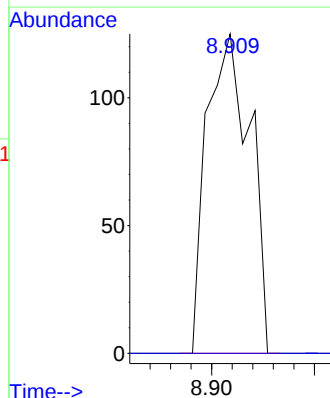
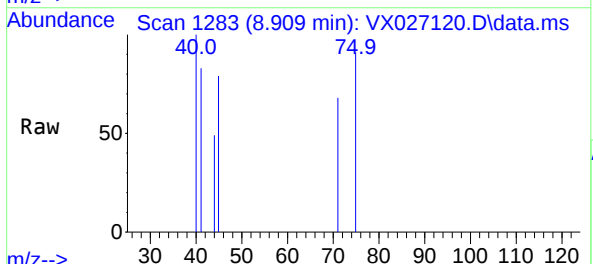
Acq: 18 Feb 2022 19:11

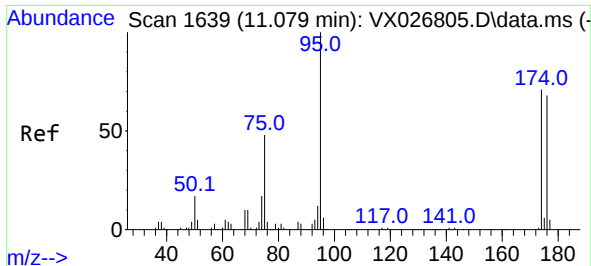
Tgt Ion: 75 Resp: 183

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

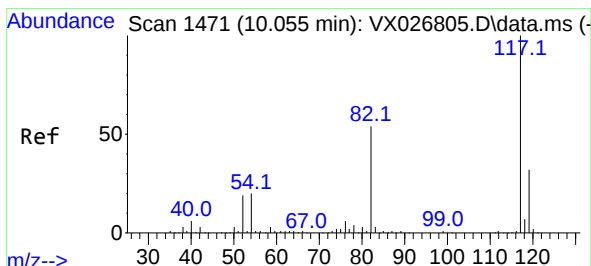
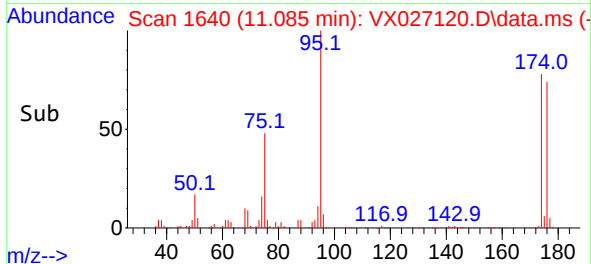
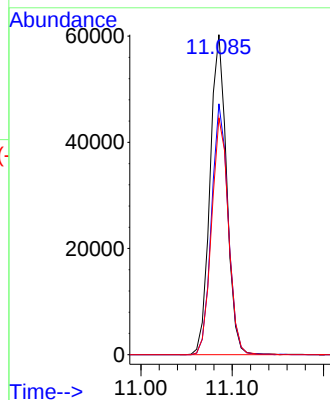
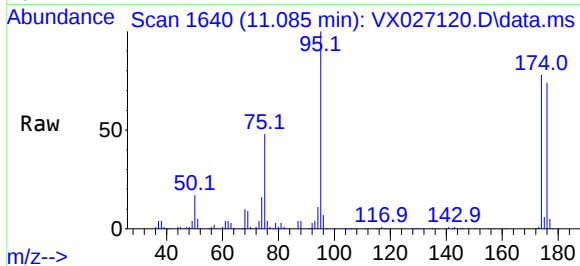




#62
4-Bromofluorobenzene
Concen: 57.337 ug/l
RT: 11.085 min Scan# 1639
Delta R.T. 0.006 min
Lab File: VX027120.D
Acq: 18 Feb 2022 19:11

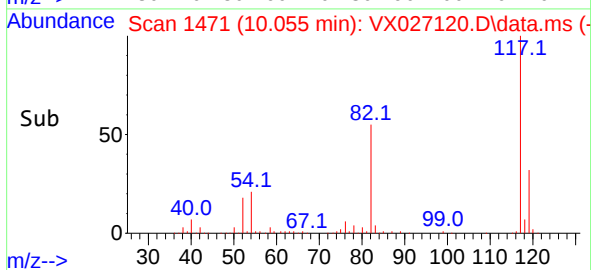
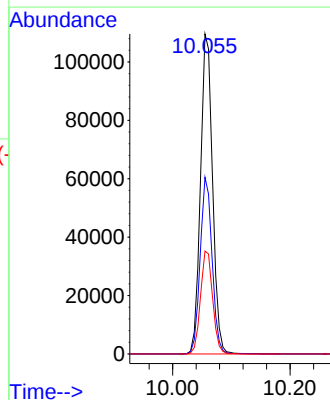
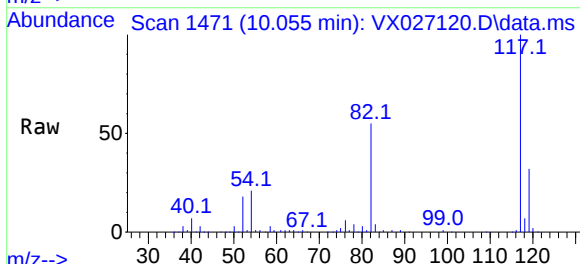
Instrument :
MSVOA_X
ClientSampleId :
A5-4-7.5ME

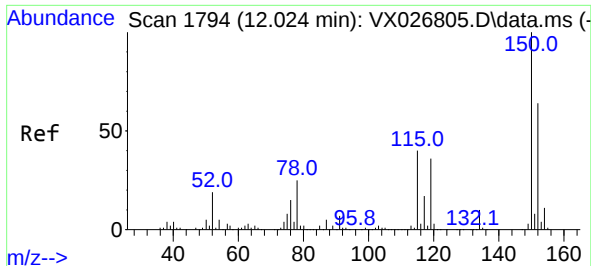
Tgt Ion: 95 Resp: 76046
Ion Ratio Lower Upper
95 100
174 78.2 0.0 148.6
176 75.3 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027120.D
Acq: 18 Feb 2022 19:11

Tgt Ion: 117 Resp: 156227
Ion Ratio Lower Upper
117 100
82 55.2 45.2 67.8
119 32.2 26.2 39.2

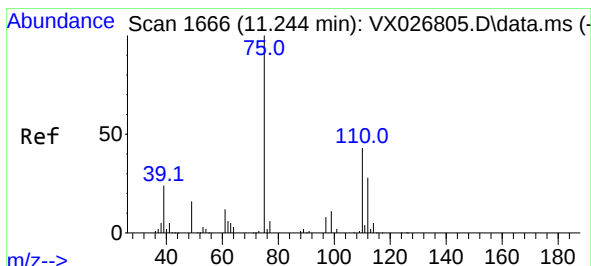
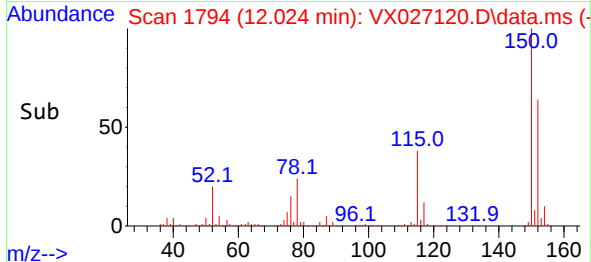
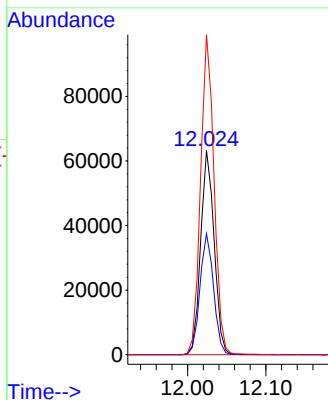
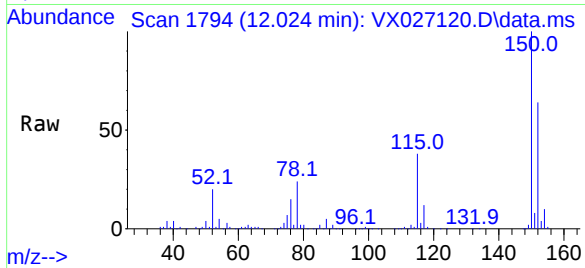




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027120.D
Acq: 18 Feb 2022 19:11

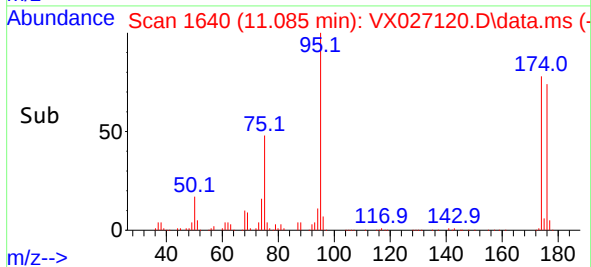
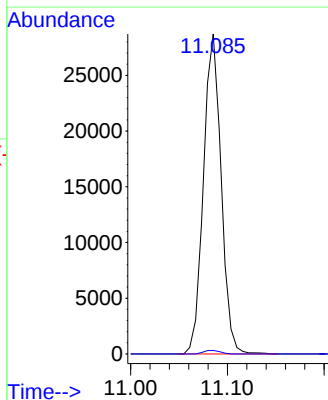
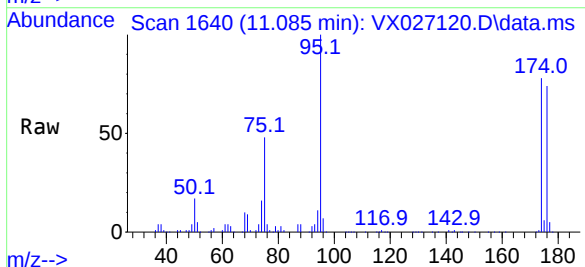
Instrument :
MSVOA_X
ClientSampleId :
A5-4-7.5ME

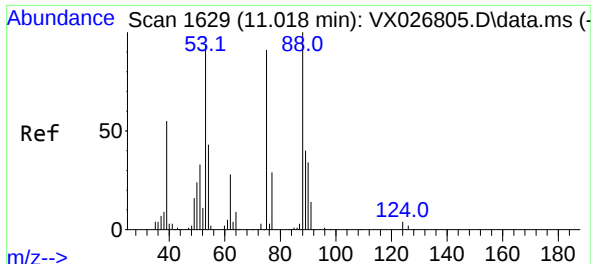
Tgt Ion:152 Resp: 75536
Ion Ratio Lower Upper
152 100
115 59.7 44.2 132.6
150 156.4 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 22.120 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX027120.D
Acq: 18 Feb 2022 19:11

Tgt Ion: 75 Resp: 36575
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#

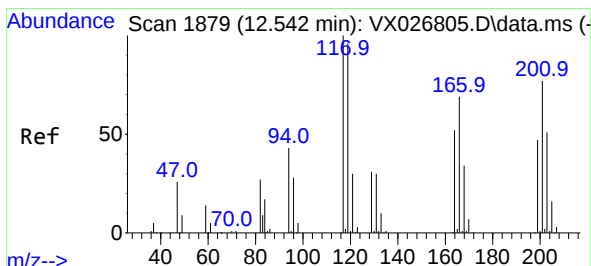
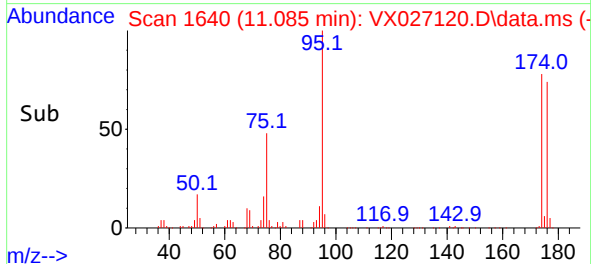
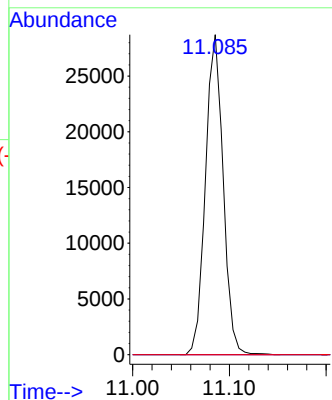
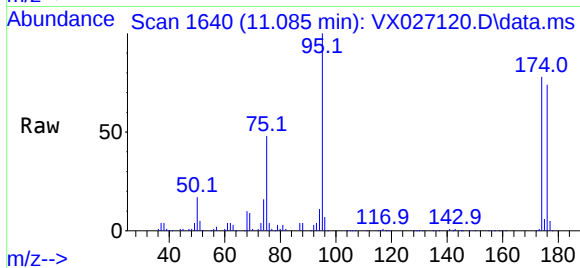




#81
trans-1,4-Dichloro-2-butene
Concen: 67.860 ug/l
RT: 11.085 min Scan# 1105
Delta R.T. 0.067 min
Lab File: VX027120.D
Acq: 18 Feb 2022 19:11

Instrument :
MSVOA_X
ClientSampleId :
A5-4-7.5ME

Tgt Ion: 75 Resp: 36575
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#



#90
Hexachloroethane
Concen: 0.248 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.159 min
Lab File: VX027120.D
Acq: 18 Feb 2022 19:11

Tgt Ion: 117 Resp: 180
Ion Ratio Lower Upper
117 100
201 0.0 35.6 106.8#

