

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112421\
 Data File : VX025317.D
 Acq On : 24 Nov 2021 11:03
 Operator : JC/MD
 Sample : VX1124WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1124WBL01

Quant Time: Nov 26 10:31:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

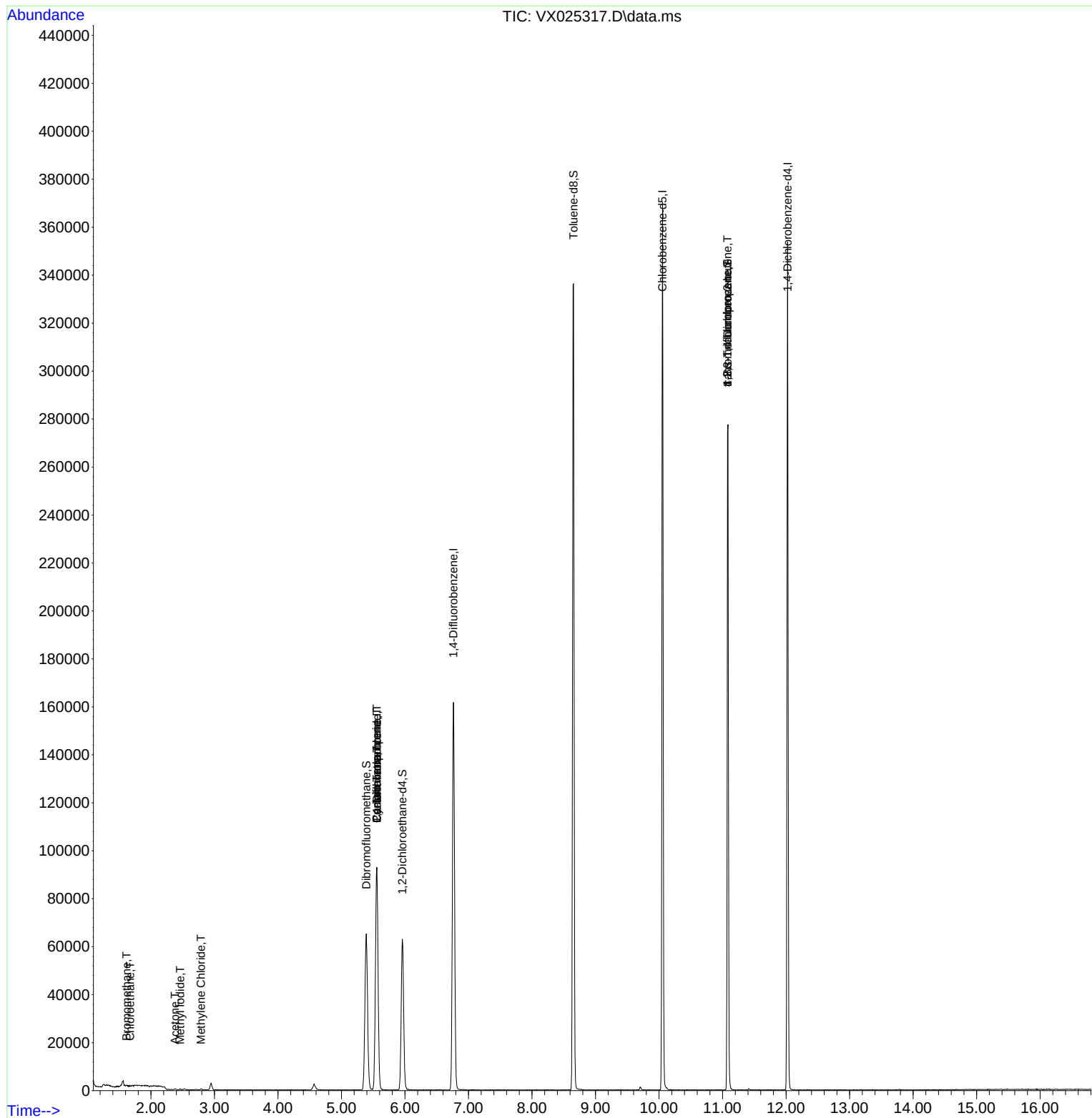
Internal Standards						
1) Pentafluorobenzene	5.556	168	97099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	175110	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59463	58.098	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 116.200%			
35) Dibromofluoromethane	5.391	113	56560	52.643	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.280%			
50) Toluene-d8	8.653	98	209085	51.758	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.520%			
62) 4-Bromofluorobenzene	11.079	95	77480	50.699	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.400%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	264	0.537	ug/l #	72
6) Chloroethane	1.672	64	181	0.229	ug/l #	43
10) Methyl Iodide	2.459	142	322	0.285	ug/l #	78
11) Tert butyl alcohol	2.947	59	1586	Below Cal	#	72
16) Acetone	2.380	43	474	0.833	ug/l #	89
20) Methylene Chloride	2.788	84	238	0.223	ug/l #	77
31) Cyclohexane	5.556	56	1741	1.101	ug/l #	4
36) 1,1-Dichloropropene	5.556	75	6418	4.201	ug/l #	50
38) Carbon Tetrachloride	5.556	117	8715	5.179	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	36901	24.101	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36901	60.716	ug/l #	9
95) Naphthalene	13.786	128	280	Below Cal	#	69

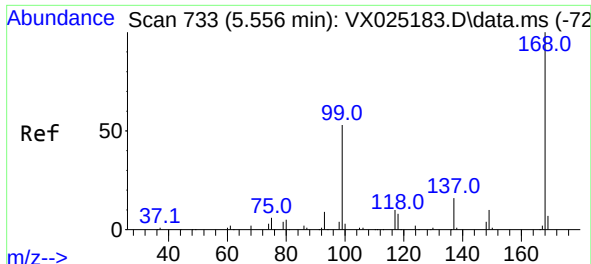
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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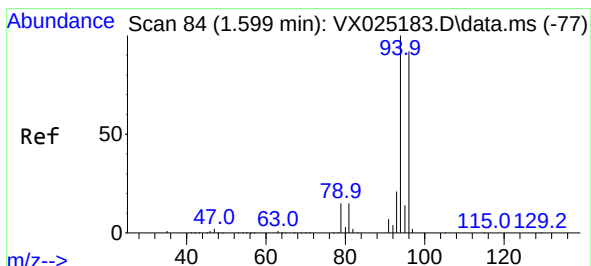
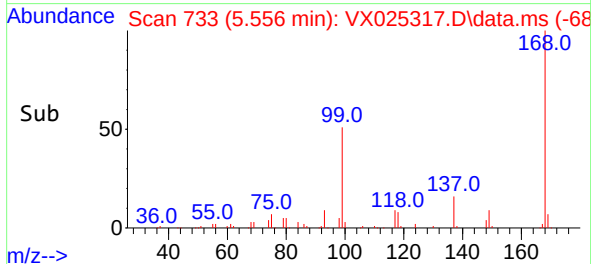
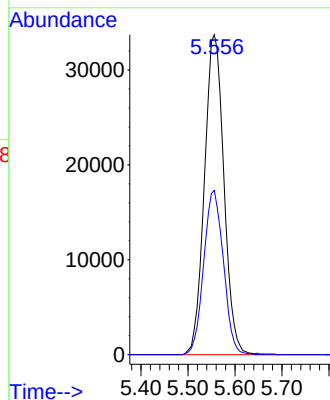
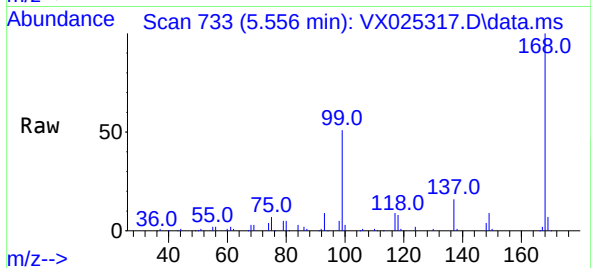




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025317.D
Acq: 24 Nov 2021 11:03

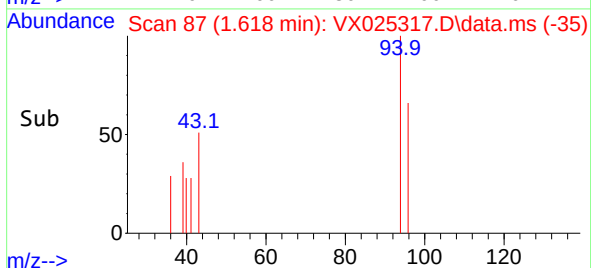
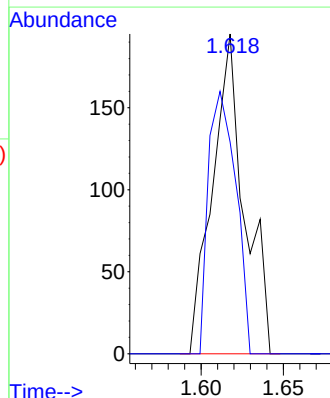
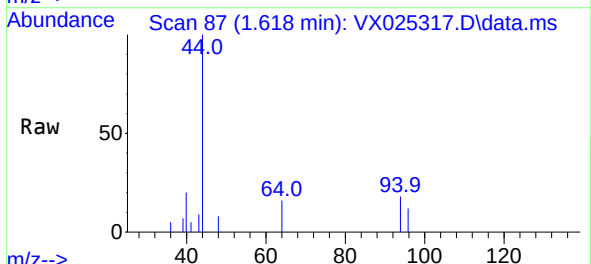
Instrument :
MSVOA_X
ClientSampleId :
VX1124WBL01

Tgt Ion:168 Resp: 97099
Ion Ratio Lower Upper
168 100
99 51.4 46.4 69.6

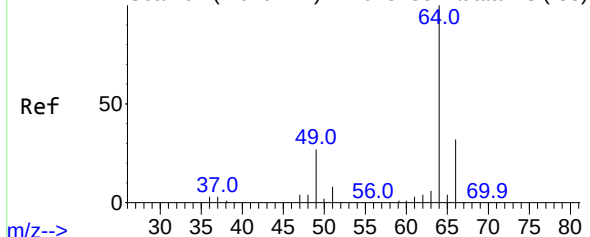


#5
Bromomethane
Concen: 0.537 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX025317.D
Acq: 24 Nov 2021 11:03

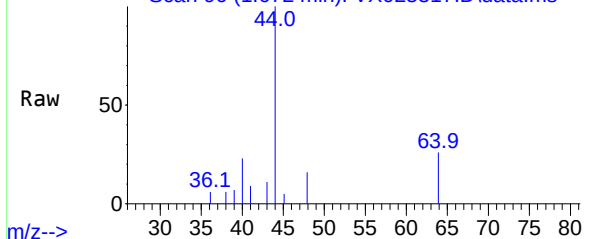
Tgt Ion: 94 Resp: 264
Ion Ratio Lower Upper
94 100
96 66.2 74.8 112.2#



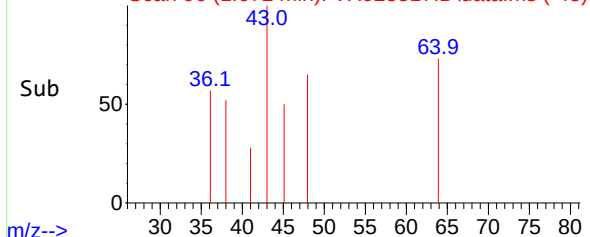
Abundance Scan 97 (1.679 min): VX025183.D\data.ms (-88)



Abundance Scan 96 (1.672 min): VX025317.D\data.ms



Abundance Scan 96 (1.672 min): VX025317.D\data.ms (-48)



#6

Chloroethane

Concen: 0.229 ug/l

RT: 1.672 min Scan# 96

Delta R.T. -0.007 min

Lab File: VX025317.D

Acq: 24 Nov 2021 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBL01

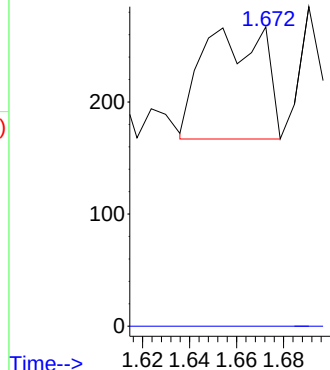
Tgt Ion: 64 Resp: 181

Ion Ratio Lower Upper

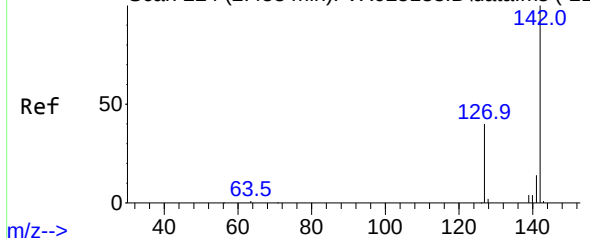
64 100

66 0.0 25.6 38.4#

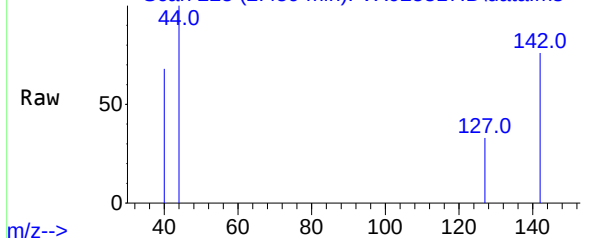
Abundance



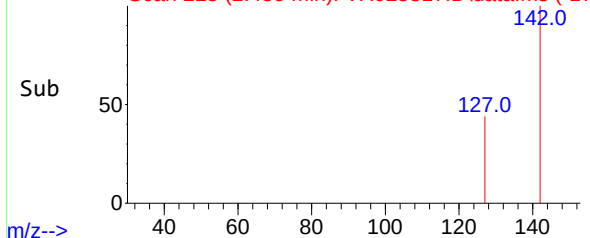
Abundance Scan 224 (2.453 min): VX025183.D\data.ms (-21)



Abundance Scan 225 (2.459 min): VX025317.D\data.ms



Abundance Scan 225 (2.459 min): VX025317.D\data.ms (-17)



#10

Methyl Iodide

Concen: 0.285 ug/l

RT: 2.459 min Scan# 225

Delta R.T. 0.006 min

Lab File: VX025317.D

Acq: 24 Nov 2021 11:03

Tgt Ion: 142 Resp: 322

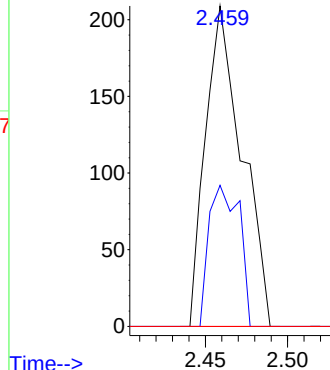
Ion Ratio Lower Upper

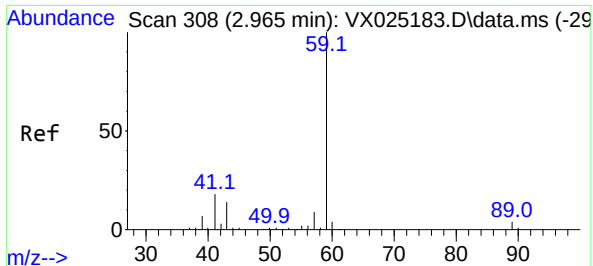
142 100

127 36.6 38.9 58.3#

141 0.0 11.7 17.5#

Abundance





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX025317.D

Acq: 24 Nov 2021 11:03

Instrument :

MSVOA_X

ClientSampleId :

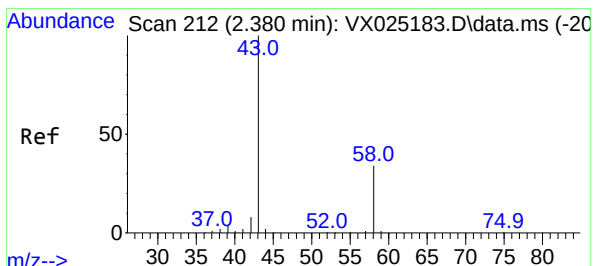
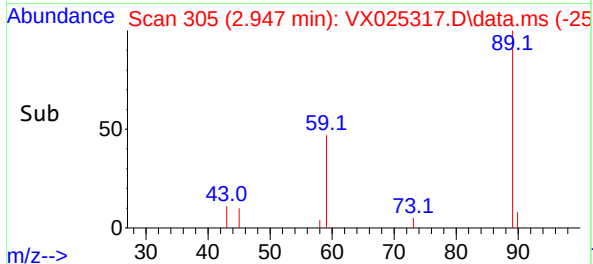
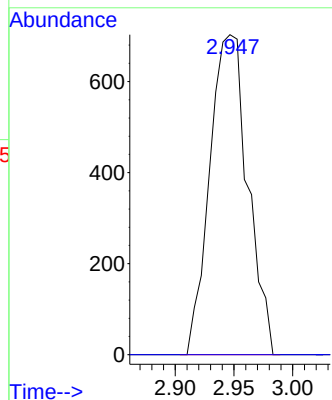
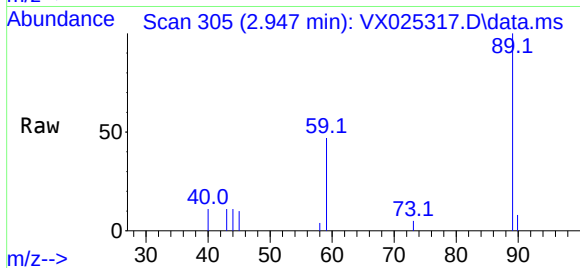
VX1124WBL01

Tgt Ion: 59 Resp: 1586

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#16

Acetone

Concen: 0.833 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX025317.D

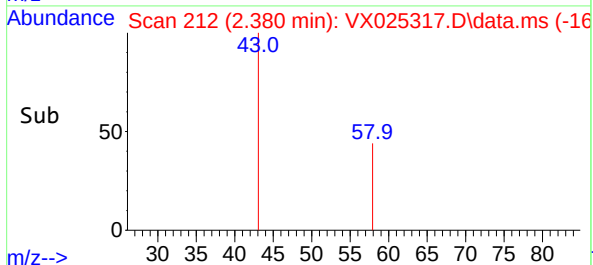
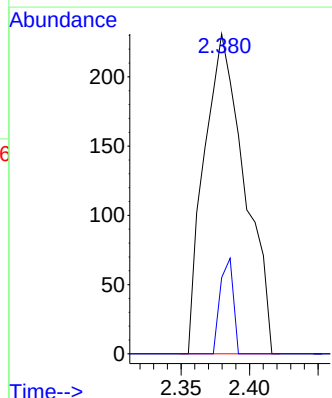
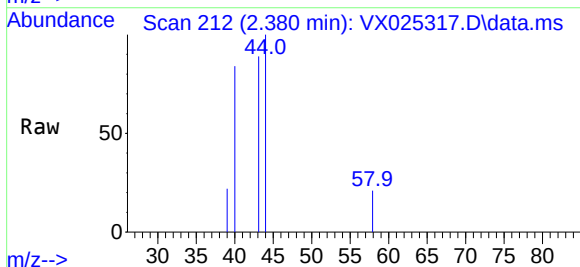
Acq: 24 Nov 2021 11:03

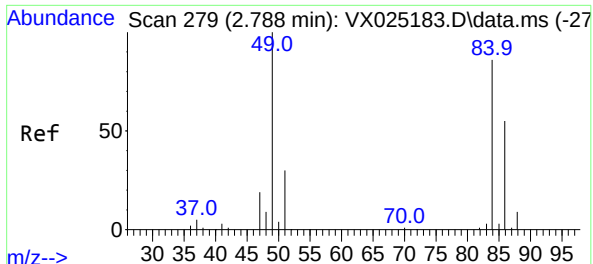
Tgt Ion: 43 Resp: 474

Ion Ratio Lower Upper

43 100

58 23.8 24.0 36.0#





#20

Methylene Chloride

Concen: 0.223 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX025317.D

Acq: 24 Nov 2021 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBL01

Tgt Ion: 84 Resp: 238

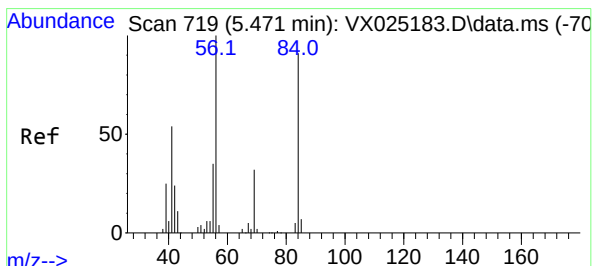
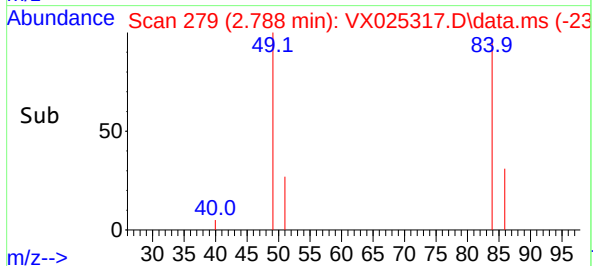
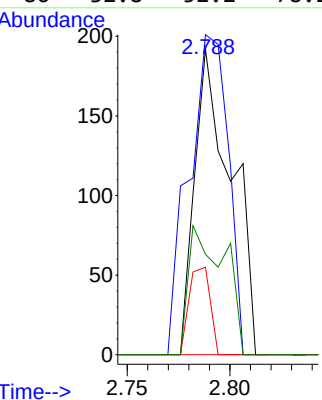
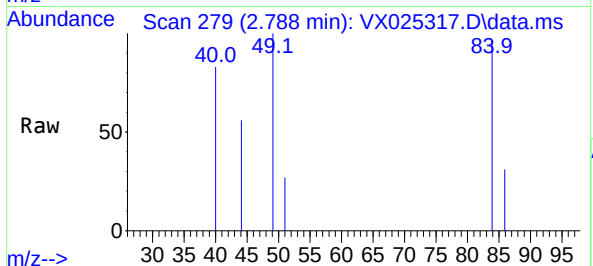
Ion Ratio Lower Upper

84 100

49 104.7 98.2 147.2

51 28.6 30.2 45.4#

86 32.8 52.2 78.2#



#31

Cyclohexane

Concen: 1.101 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX025317.D

Acq: 24 Nov 2021 11:03

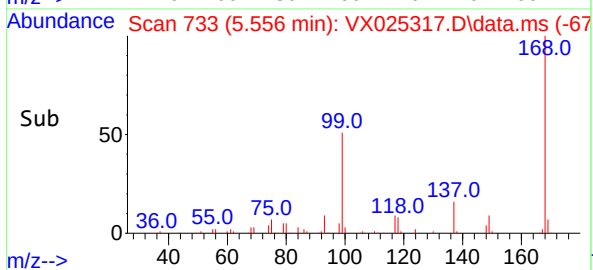
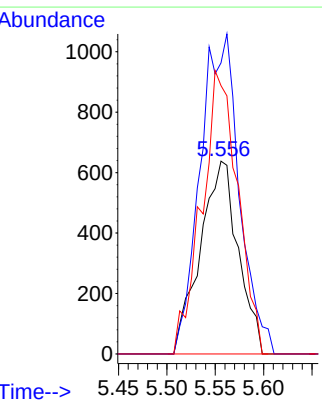
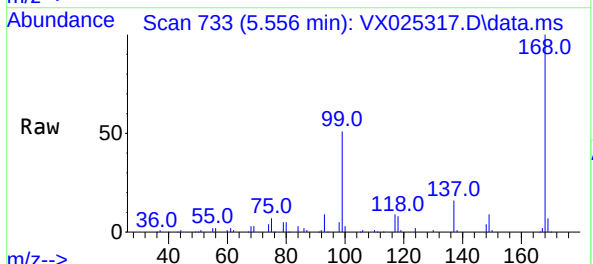
Tgt Ion: 56 Resp: 1741

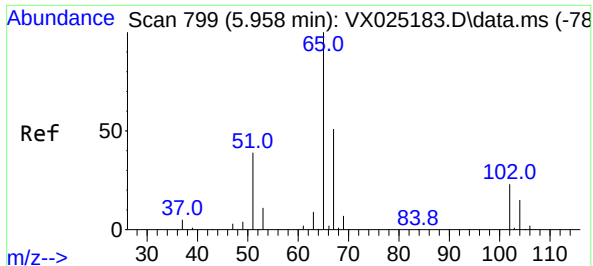
Ion Ratio Lower Upper

56 100

69 150.9 24.2 36.2#

84 139.2 71.5 107.3#

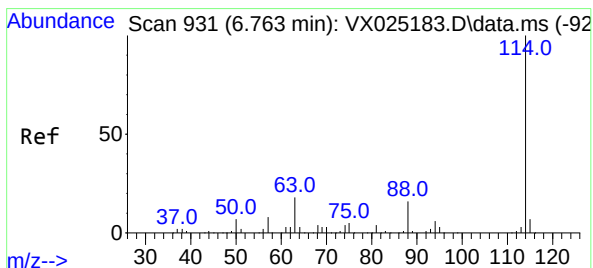
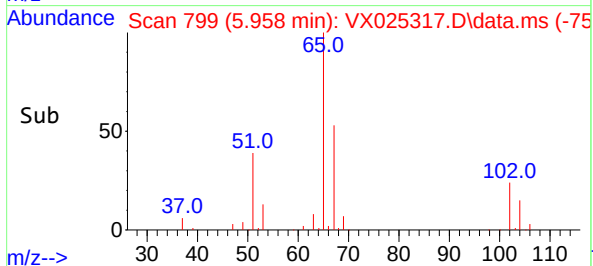
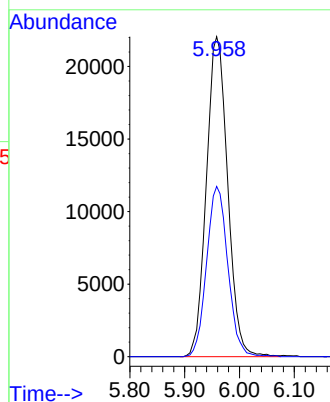
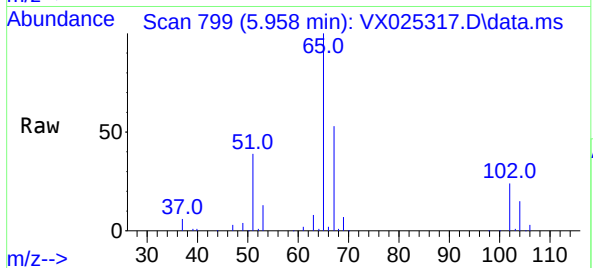




#33
 1,2-Dichloroethane-d4
 Concen: 58.098 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX025317.D
 Acq: 24 Nov 2021 11:03

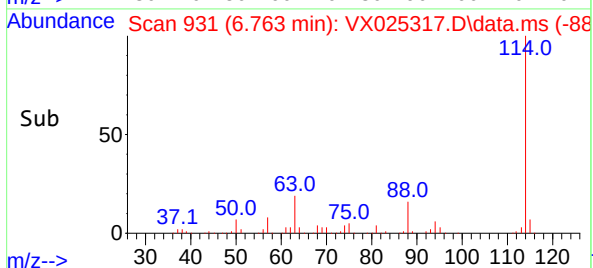
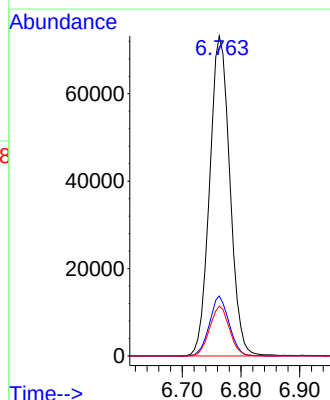
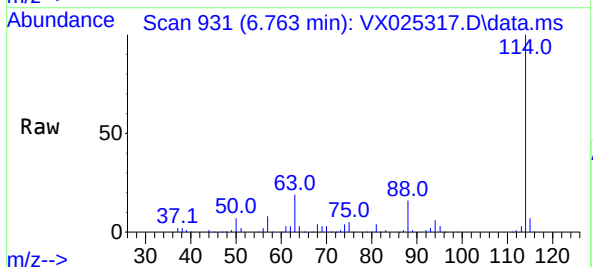
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1124WBL01

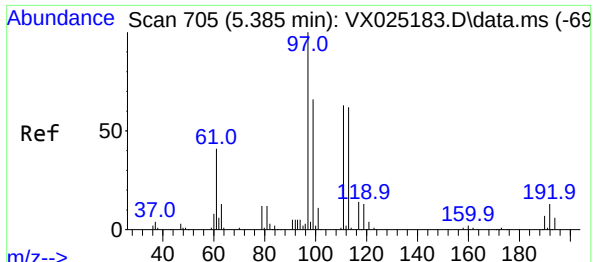
Tgt Ion: 65 Resp: 59463
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX025317.D
 Acq: 24 Nov 2021 11:03

Tgt Ion: 114 Resp: 175110
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 41.0
 88 15.5 0.0 34.8





#35

Dibromofluoromethane

Concen: 52.643 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX025317.D

Acq: 24 Nov 2021 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBL01

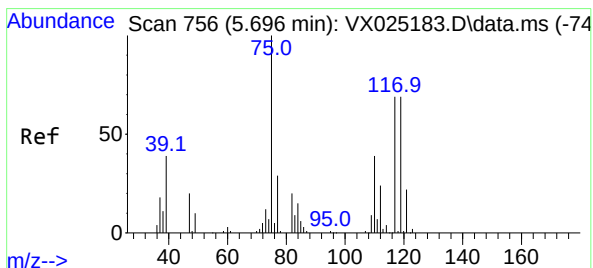
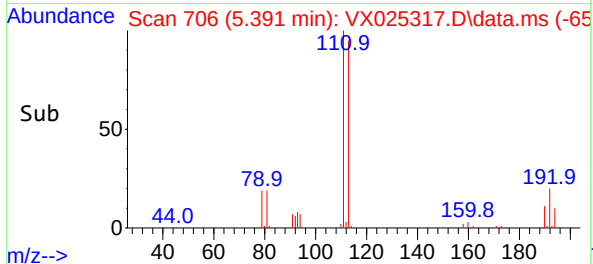
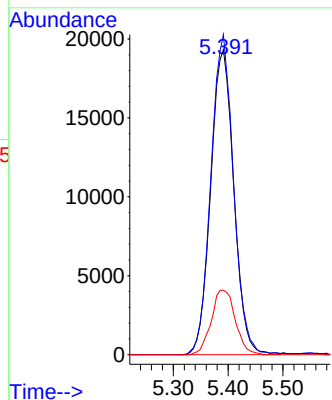
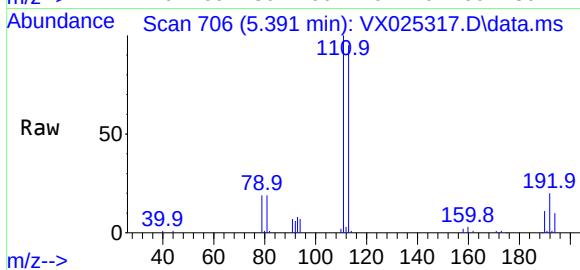
Tgt Ion:113 Resp: 56560

Ion Ratio Lower Upper

113 100

111 102.9 82.1 123.1

192 22.0 15.6 23.4



#36

1,1-Dichloropropene

Concen: 4.201 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX025317.D

Acq: 24 Nov 2021 11:03

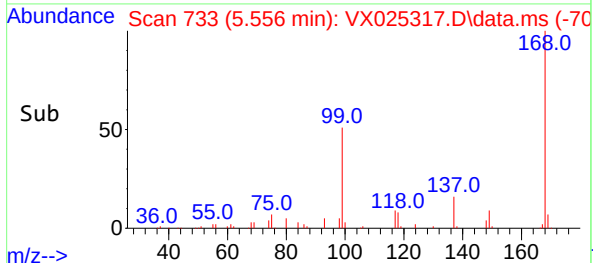
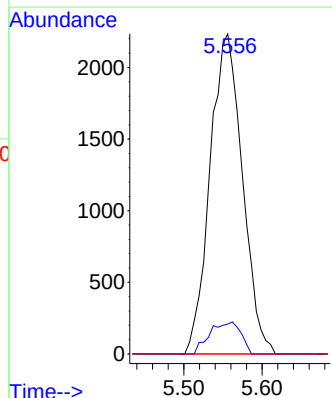
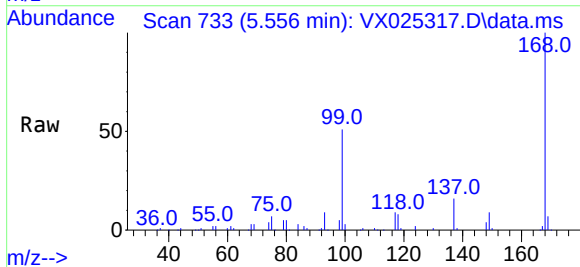
Tgt Ion: 75 Resp: 6418

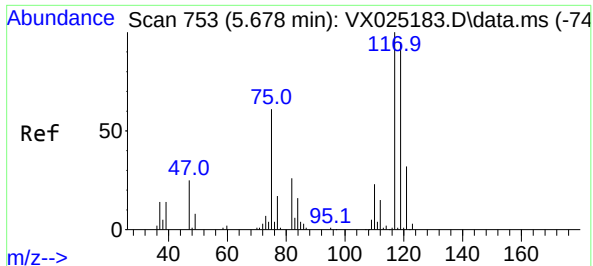
Ion Ratio Lower Upper

75 100

110 9.6 18.1 54.3#

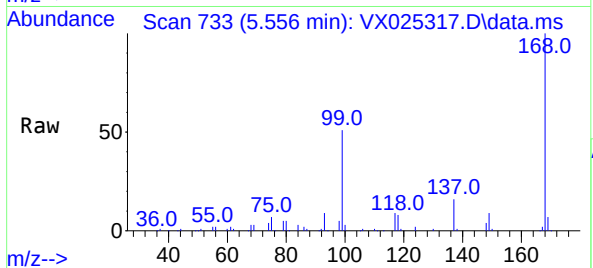
77 0.0 24.4 36.6#



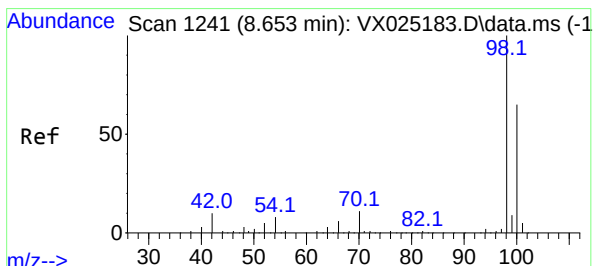
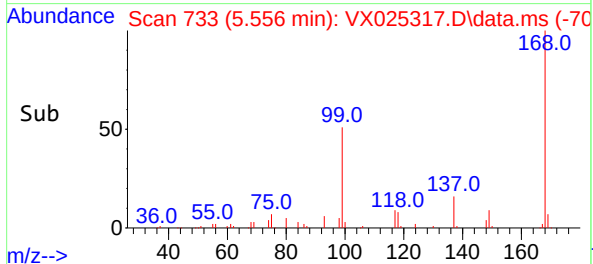
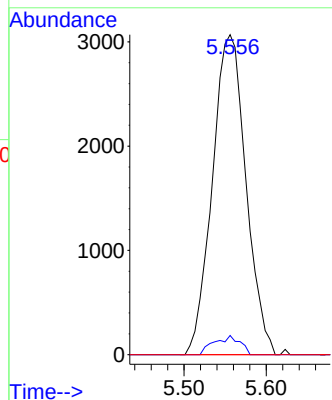


#38
Carbon Tetrachloride
Concen: 5.179 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX025317.D
Acq: 24 Nov 2021 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBL01

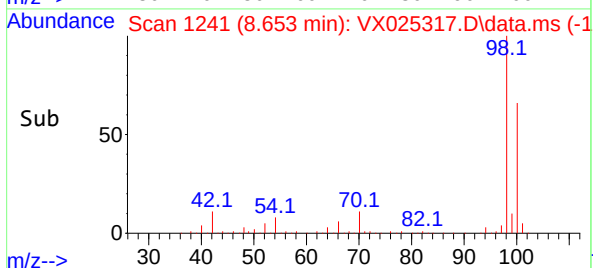
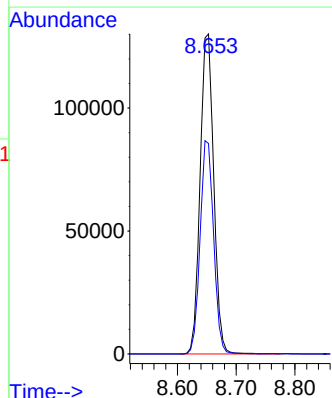
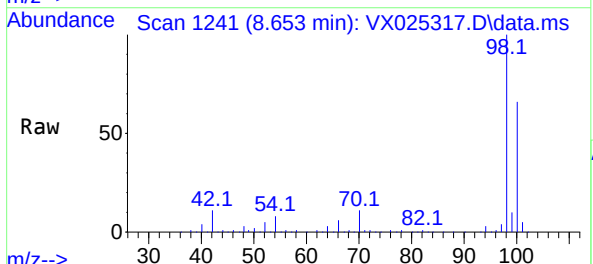


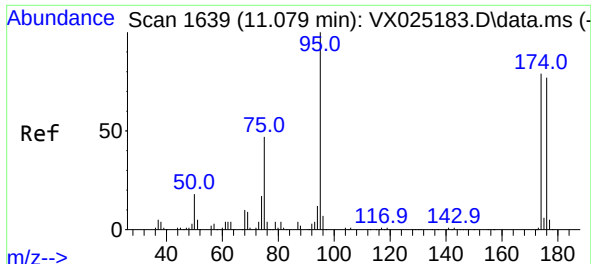
Tgt Ion:117 Resp: 8715
Ion Ratio Lower Upper
117 100
119 6.0 75.6 113.4#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 51.758 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025317.D
Acq: 24 Nov 2021 11:03

Tgt Ion: 98 Resp: 209085
Ion Ratio Lower Upper
98 100
100 66.1 51.4 77.0

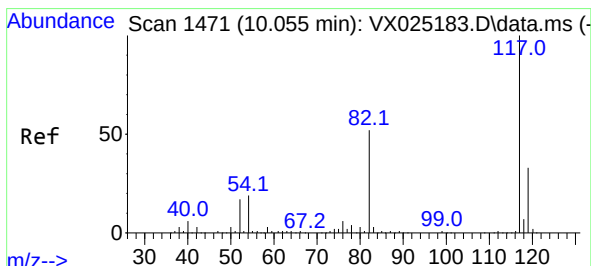
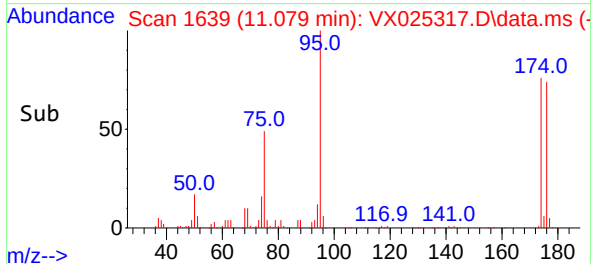
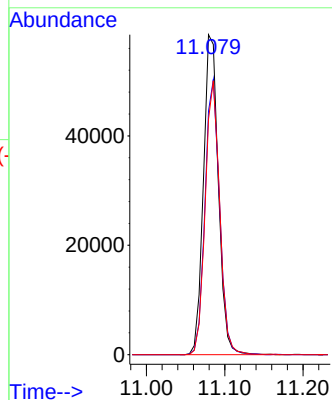
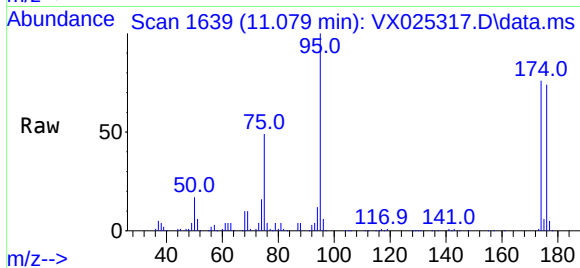




#62
4-Bromofluorobenzene
Concen: 50.699 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025317.D
Acq: 24 Nov 2021 11:03

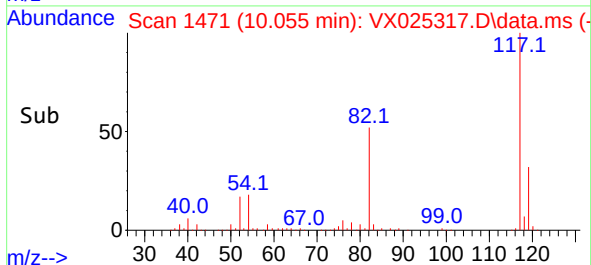
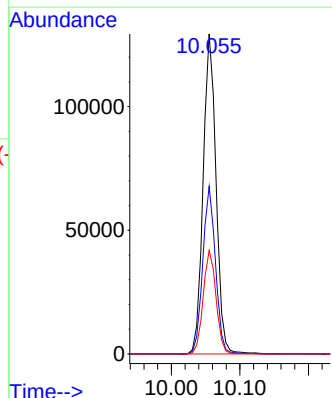
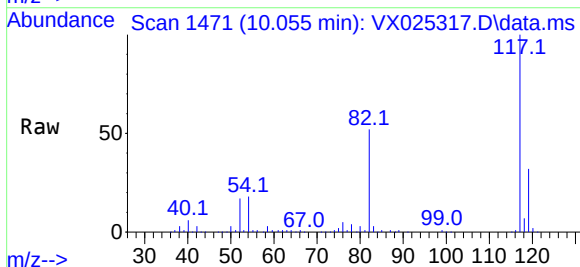
Instrument :
MSVOA_X
ClientSampleId :
VX1124WBL01

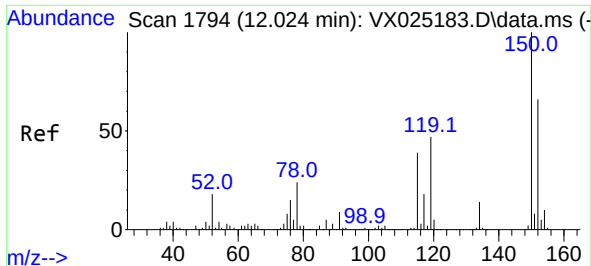
Tgt Ion: 95 Resp: 77480
Ion Ratio Lower Upper
95 100
174 84.1 0.0 158.0
176 82.9 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025317.D
Acq: 24 Nov 2021 11:03

Tgt Ion: 117 Resp: 169658
Ion Ratio Lower Upper
117 100
82 52.4 44.6 67.0
119 32.4 24.8 37.2

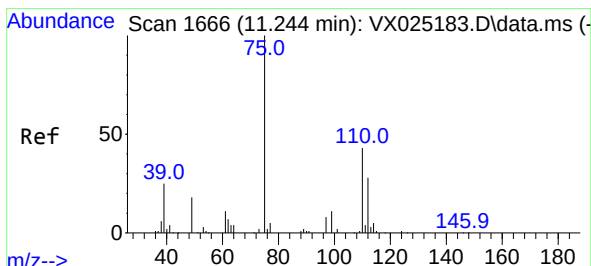
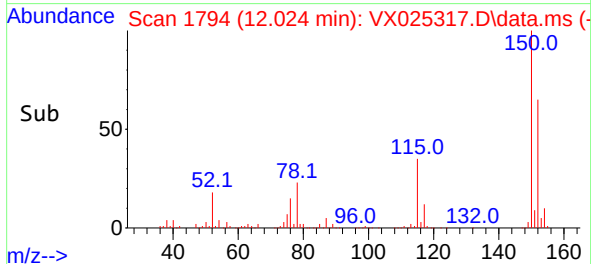
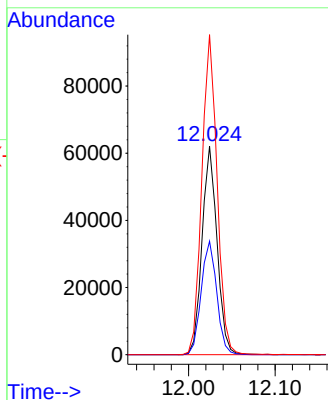
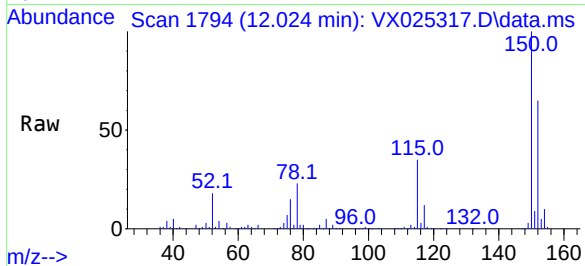




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025317.D
Acq: 24 Nov 2021 11:03

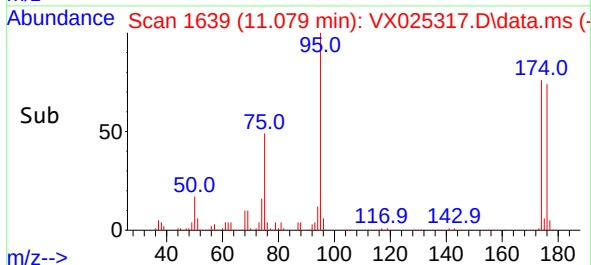
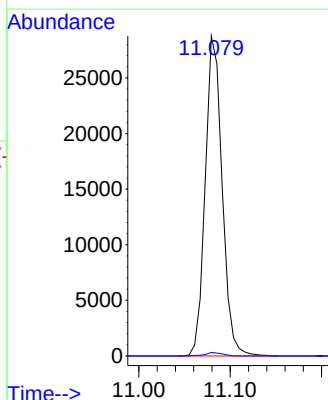
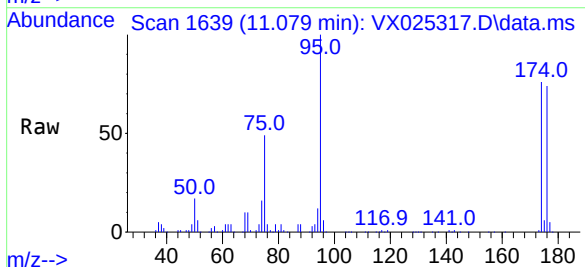
Instrument :
MSVOA_X
ClientSampleId :
VX1124WBL01

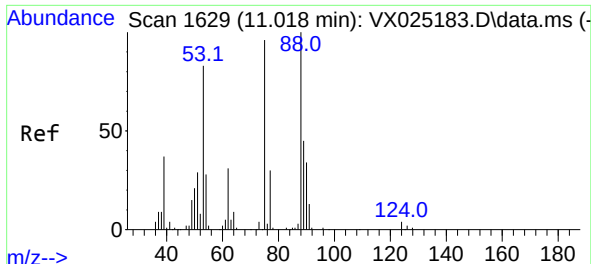
Tgt Ion:152 Resp: 74767
Ion Ratio Lower Upper
152 100
115 56.4 43.3 129.8
150 156.1 0.0 351.2



#76
1,2,3-Trichloropropane
Concen: 24.101 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025317.D
Acq: 24 Nov 2021 11:03

Tgt Ion: 75 Resp: 36901
Ion Ratio Lower Upper
75 100
77 1.1 20.0 59.9#

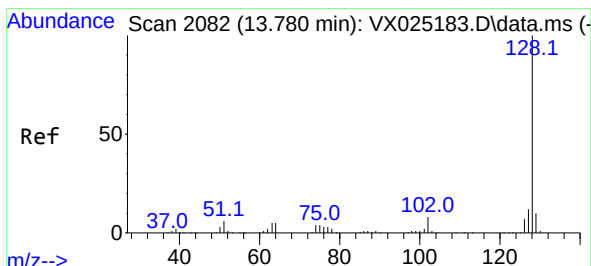
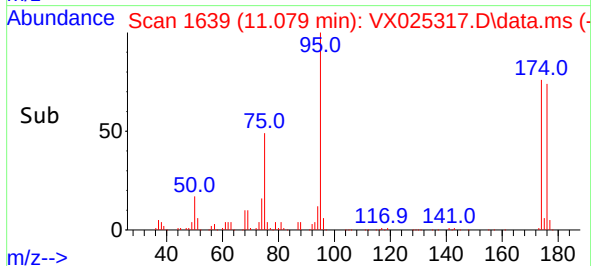
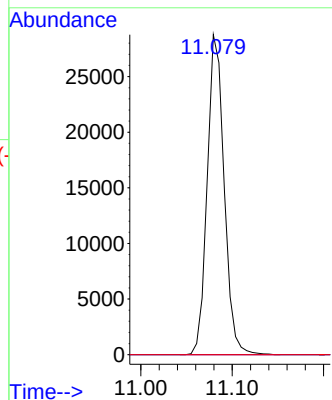
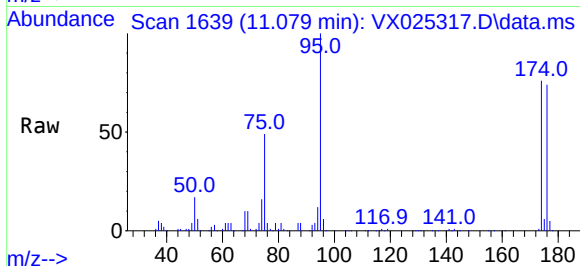




#81
trans-1,4-Dichloro-2-butene
Concen: 60.716 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025317.D
Acq: 24 Nov 2021 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBL01

Tgt Ion: 75 Resp: 36901
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#



#95
Naphthalene
Concen: Below Cal
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX025317.D
Acq: 24 Nov 2021 11:03

Tgt Ion: 128 Resp: 280
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

