

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120621\
 Data File : VX025539.D
 Acq On : 06 Dec 2021 11:14
 Operator : JC/MD
 Sample : VX1206WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 07 05:56:03 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

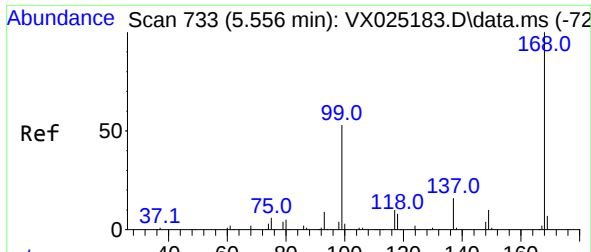
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	106463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	173492	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66273	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61416	54.729	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.460%	
35) Dibromofluoromethane	5.391	113	53440	50.203	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.400%	
50) Toluene-d8	8.653	98	197767	49.413	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.820%	
62) 4-Bromofluorobenzene	11.085	95	67089	44.309	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.620%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	205	0.380	ug/l	81
11) Tert butyl alcohol	2.947	59	501	Below Cal	#	72
16) Acetone	2.380	43	363	0.582	ug/l	97
31) Cyclohexane	5.562	56	2069	1.193	ug/l #	18
36) 1,1-Dichloropropene	5.562	75	7395	4.886	ug/l #	49
38) Carbon Tetrachloride	5.562	117	10351	6.209	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	827	0.460	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33273	24.517	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33273	61.763	ug/l #	9
95) Naphthalene	13.780	128	82	Below Cal	#	69

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

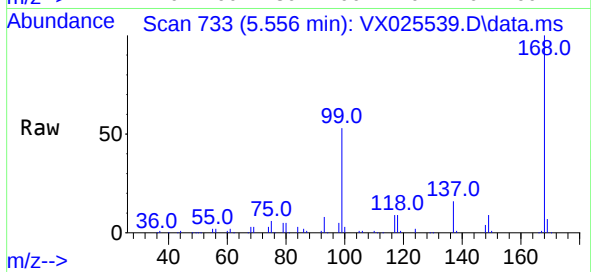
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration



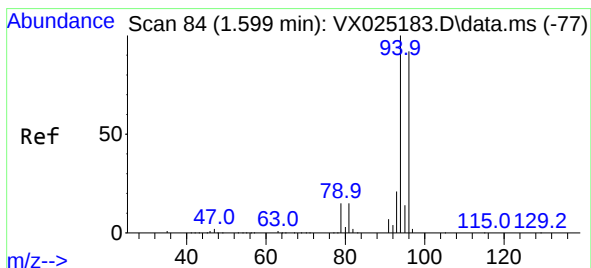
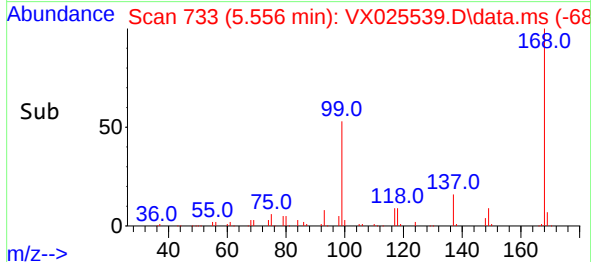
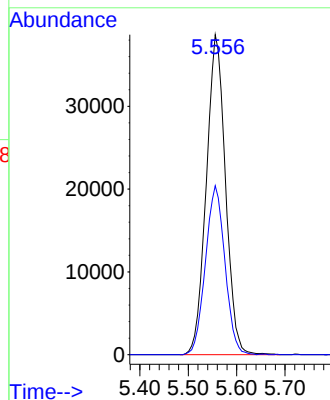


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025539.D
Acq: 06 Dec 2021 11:14

Instrument :
MSVOA_X
ClientSampleId :

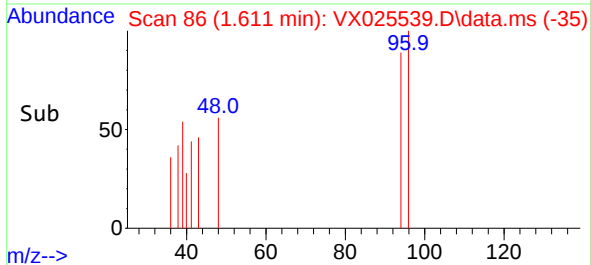
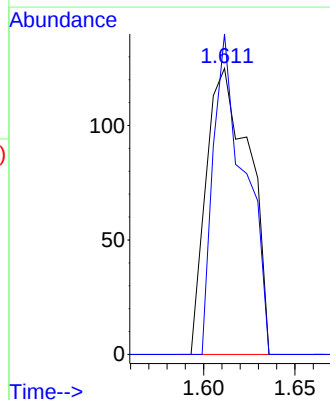
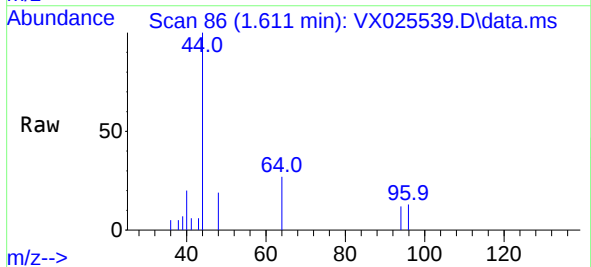


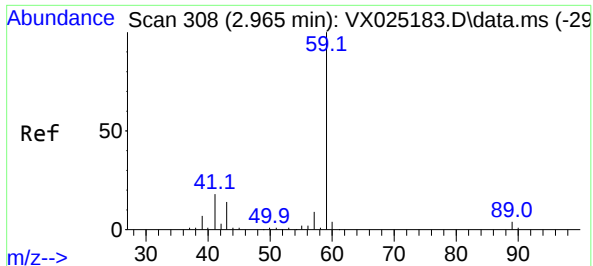
Tgt Ion:168 Resp: 106463
Ion Ratio Lower Upper
168 100
99 52.8 46.4 69.6



#5
Bromomethane
Concen: 0.380 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX025539.D
Acq: 06 Dec 2021 11:14

Tgt Ion: 94 Resp: 205
Ion Ratio Lower Upper
94 100
96 112.0 74.8 112.2





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX025539.D

Acq: 06 Dec 2021 11:14

Instrument :

MSVOA_X

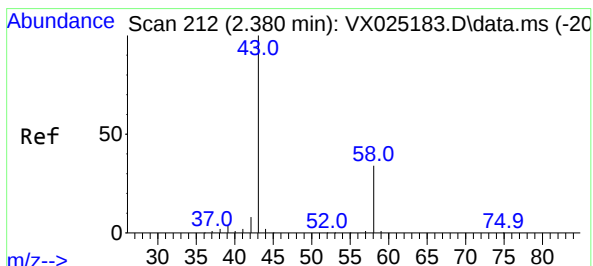
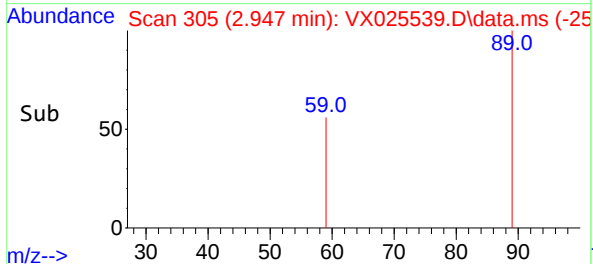
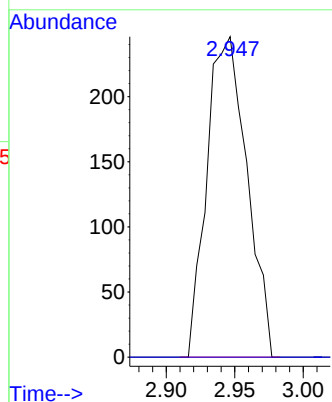
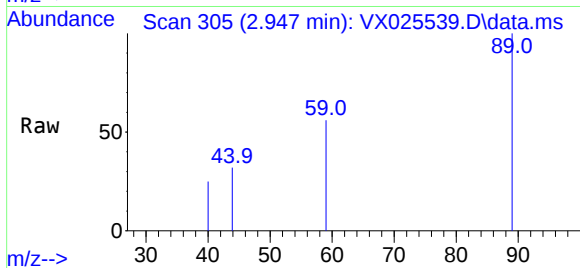
ClientSampleId :

Tgt Ion: 59 Resp: 501

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#16

Acetone

Concen: 0.582 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX025539.D

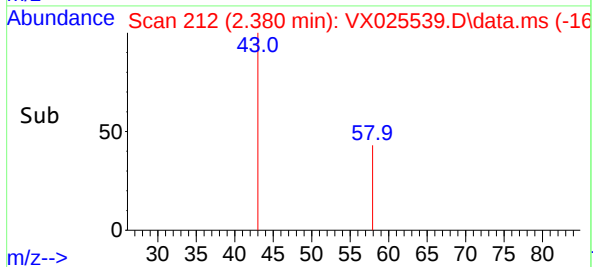
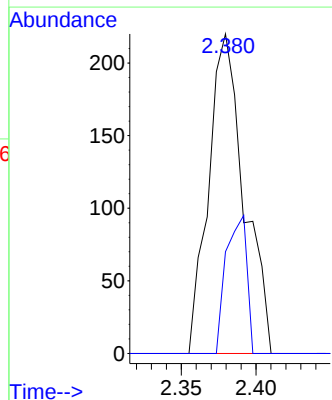
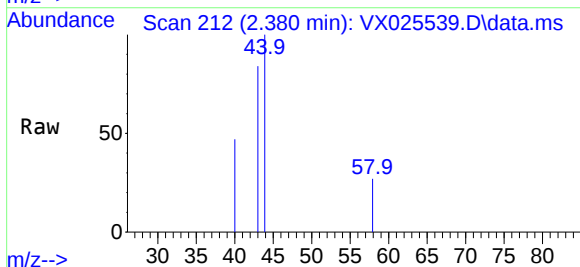
Acq: 06 Dec 2021 11:14

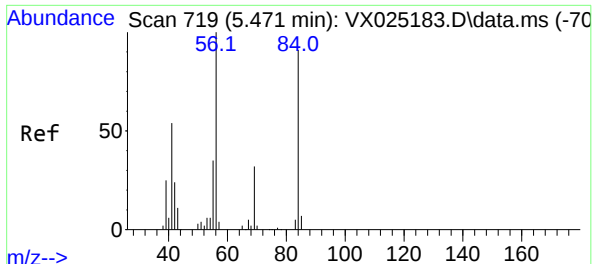
Tgt Ion: 43 Resp: 363

Ion Ratio Lower Upper

43 100

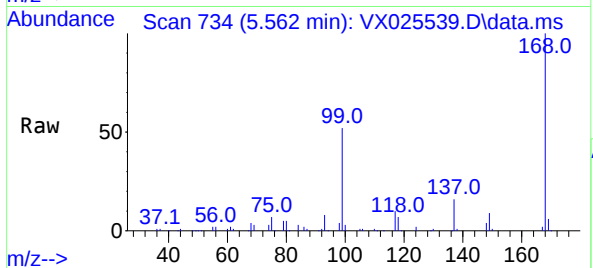
58 31.8 24.0 36.0



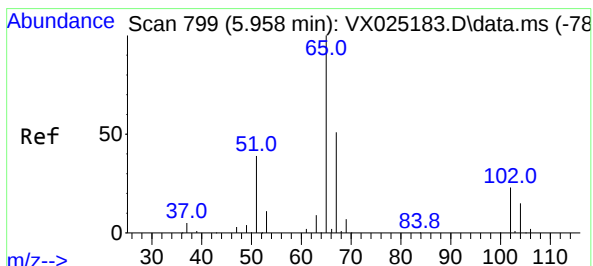
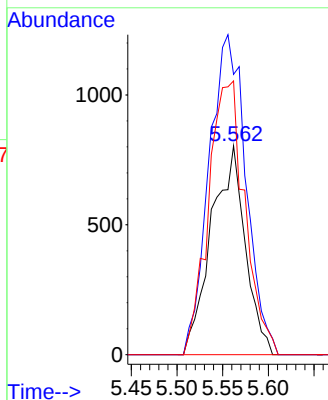
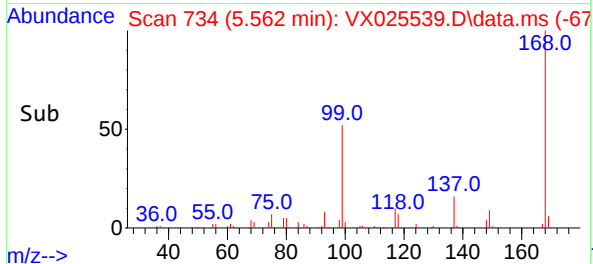


#31
Cyclohexane
Concen: 1.193 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX025539.D
Acq: 06 Dec 2021 11:14

Instrument :
MSVOA_X
ClientSampleId :

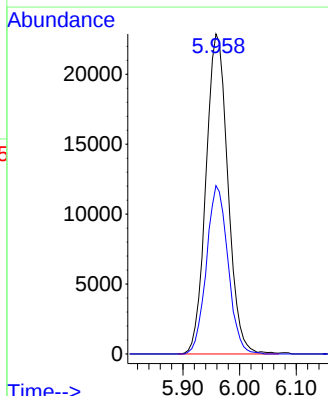
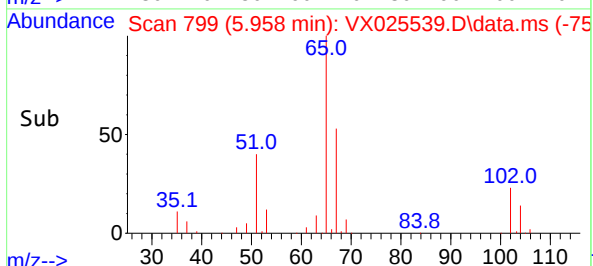
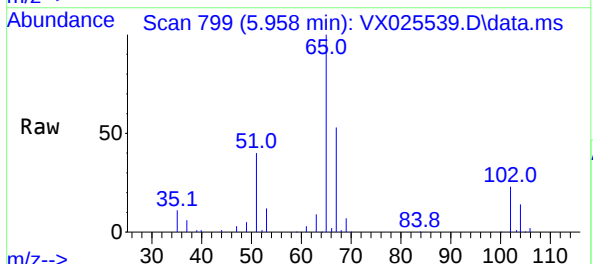


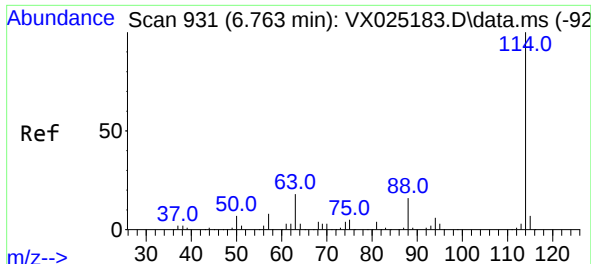
Tgt Ion: 56 Resp: 2069
Ion Ratio Lower Upper
56 100
69 134.2 24.2 36.2#
84 131.1 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 54.729 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025539.D
Acq: 06 Dec 2021 11:14

Tgt Ion: 65 Resp: 61416
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.0

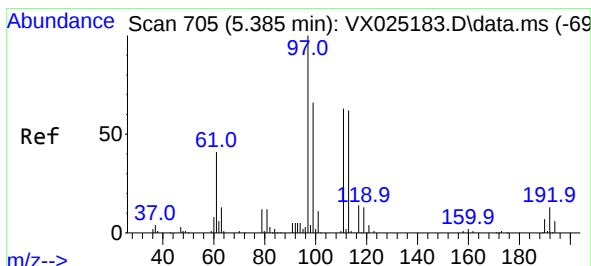
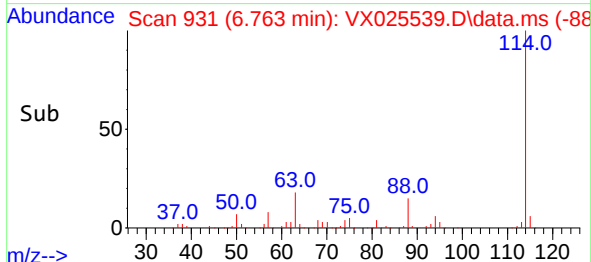
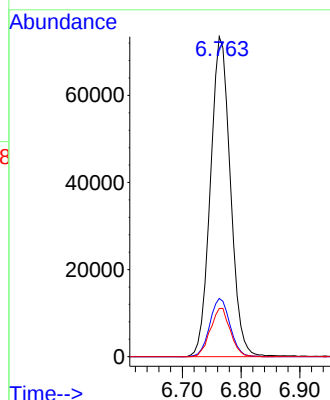
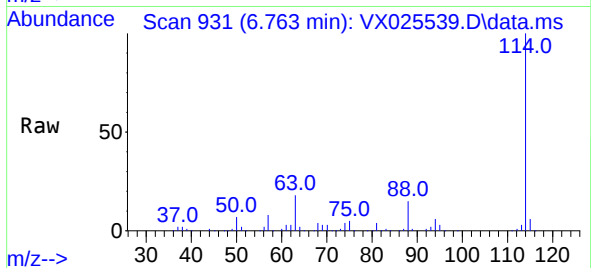




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025539.D
Acq: 06 Dec 2021 11:14

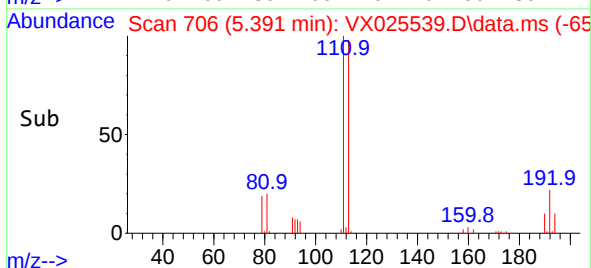
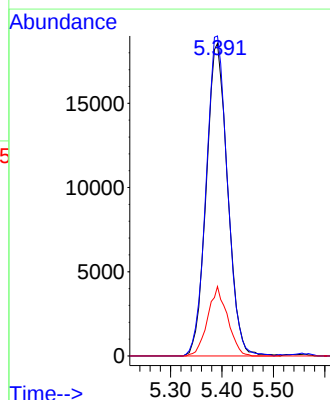
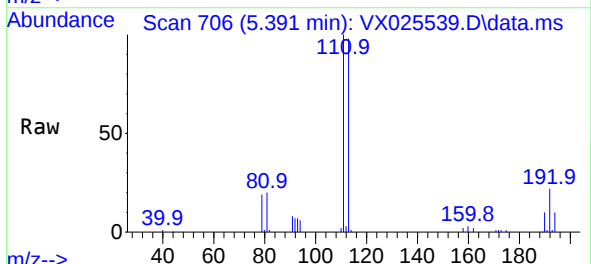
Instrument :
MSVOA_X
ClientSampleId :

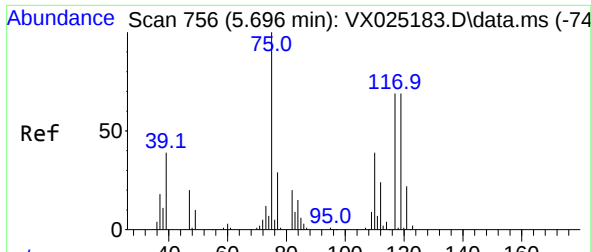
Tgt Ion:114 Resp: 173492
Ion Ratio Lower Upper
114 100
63 18.2 0.0 41.0
88 15.1 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.203 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025539.D
Acq: 06 Dec 2021 11:14

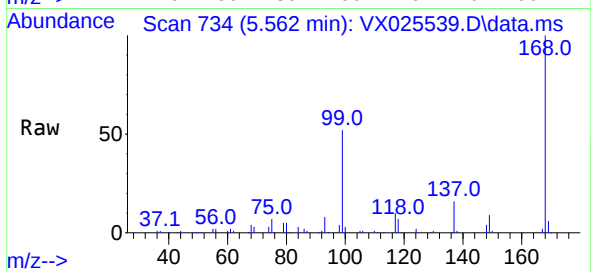
Tgt Ion:113 Resp: 53440
Ion Ratio Lower Upper
113 100
111 102.2 82.1 123.1
192 20.7 15.6 23.4



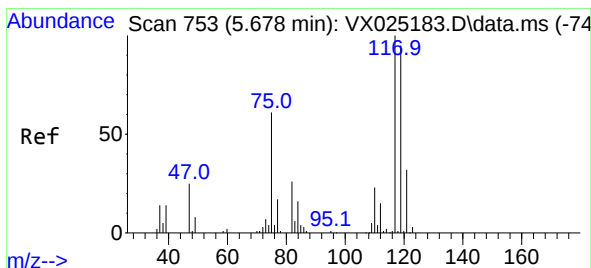
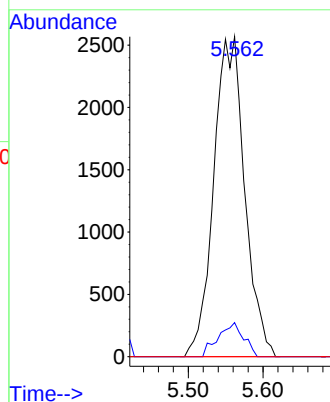
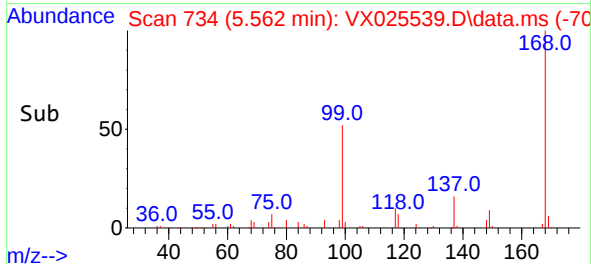


#36
1,1-Dichloropropene
Concen: 4.886 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX025539.D
Acq: 06 Dec 2021 11:14

Instrument :
MSVOA_X
ClientSampleId :

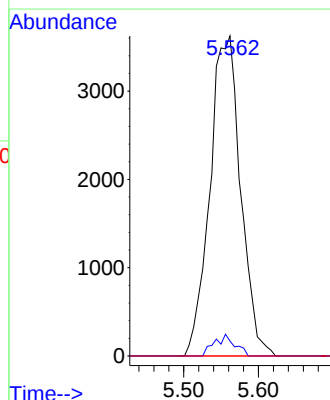
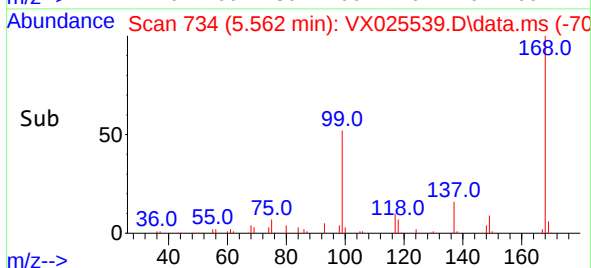
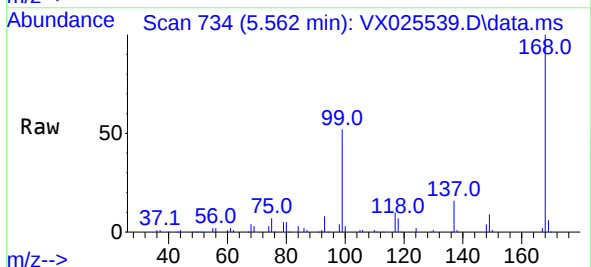


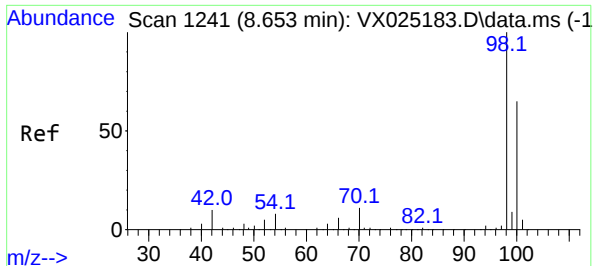
Tgt Ion: 75 Resp: 7395
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.3#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.209 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX025539.D
Acq: 06 Dec 2021 11:14

Tgt Ion: 117 Resp: 10351
Ion Ratio Lower Upper
117 100
119 4.7 75.6 113.4#
121 0.0 23.7 35.5#





#50

Toluene-d8

Concen: 49.413 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025539.D

Acq: 06 Dec 2021 11:14

Instrument :

MSVOA_X

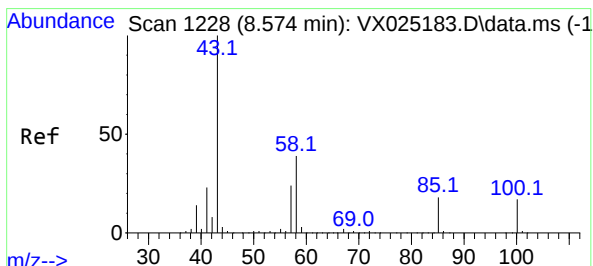
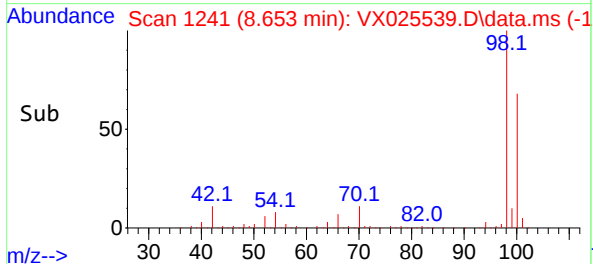
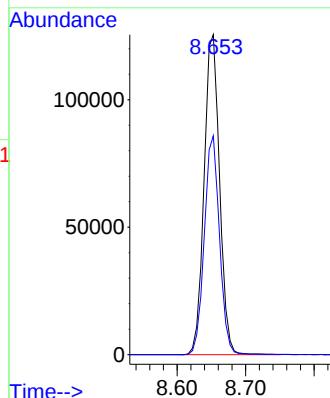
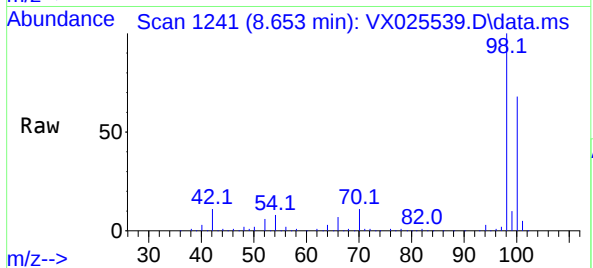
ClientSampleId :

Tgt Ion: 98 Resp: 197767

Ion Ratio Lower Upper

98 100

100 67.1 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 0.460 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX025539.D

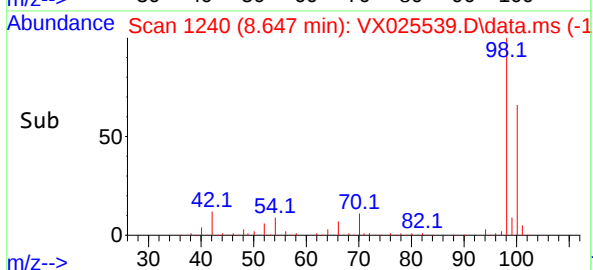
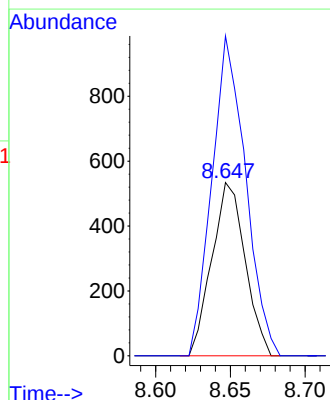
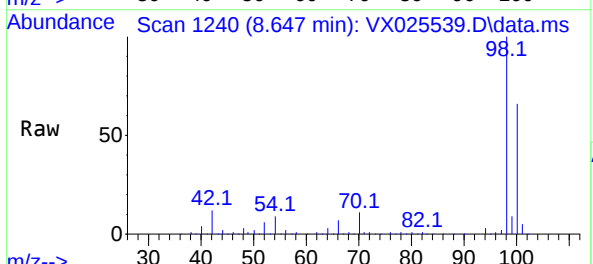
Acq: 06 Dec 2021 11:14

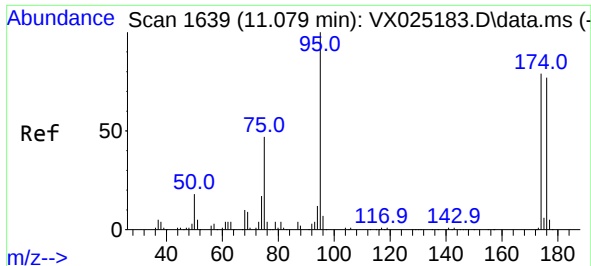
Tgt Ion: 43 Resp: 827

Ion Ratio Lower Upper

43 100

58 186.5 30.9 46.3#

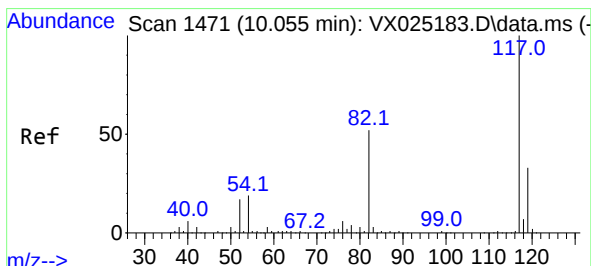
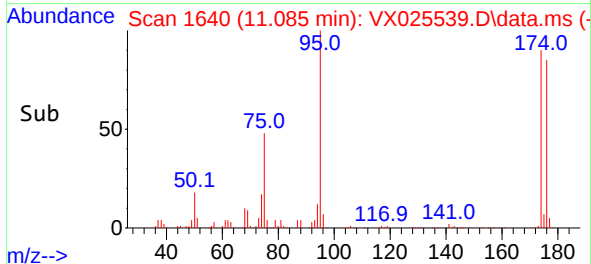
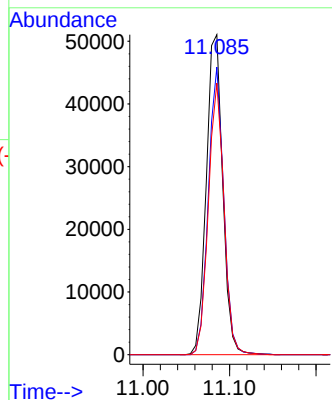
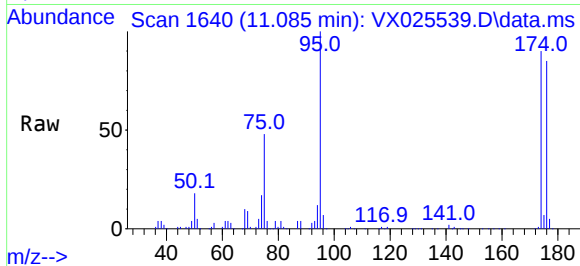




#62
4-Bromofluorobenzene
Concen: 44.309 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX025539.D
Acq: 06 Dec 2021 11:14

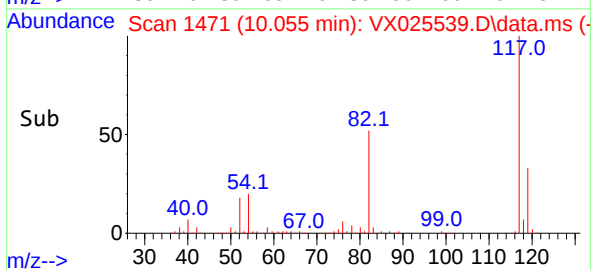
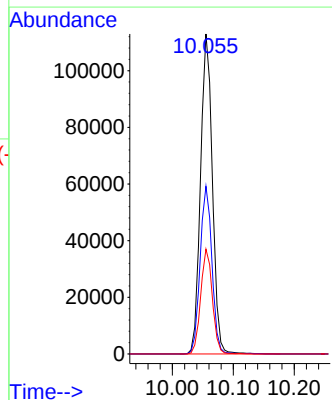
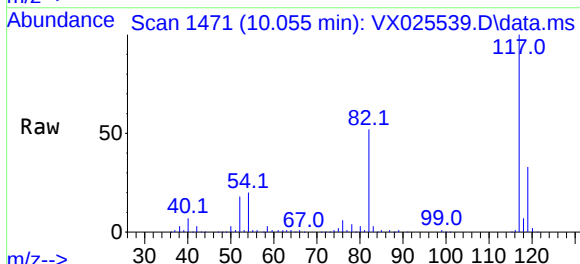
Instrument :
MSVOA_X
ClientSampleId :

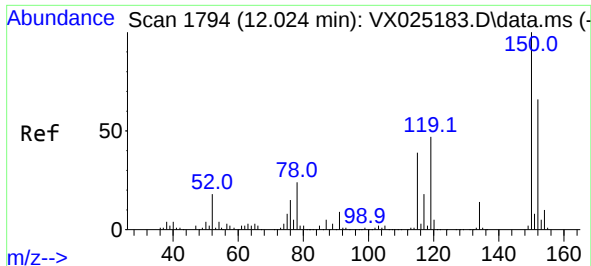
Tgt Ion: 95 Resp: 67089
Ion Ratio Lower Upper
95 100
174 84.8 0.0 158.0
176 81.0 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025539.D
Acq: 06 Dec 2021 11:14

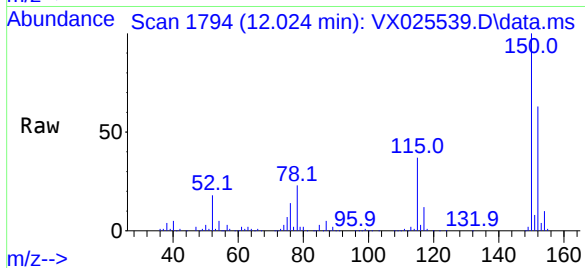
Tgt Ion: 117 Resp: 153122
Ion Ratio Lower Upper
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82 52.4 44.6 67.0
119 32.8 24.8 37.2



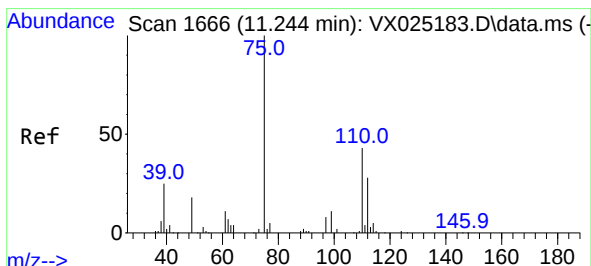
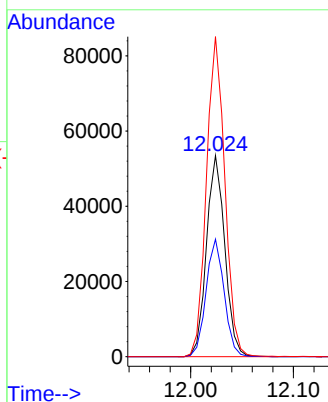
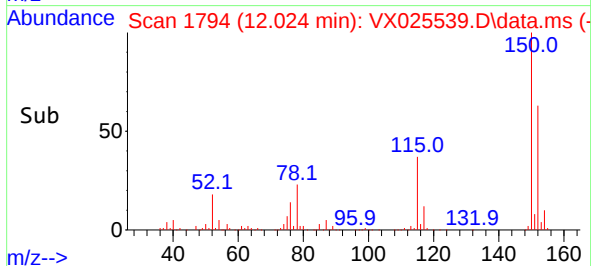


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025539.D
Acq: 06 Dec 2021 11:14

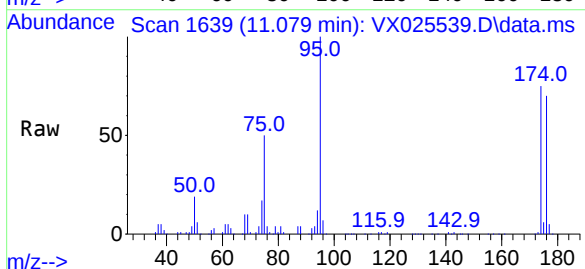
Instrument :
MSVOA_X
ClientSampleId :



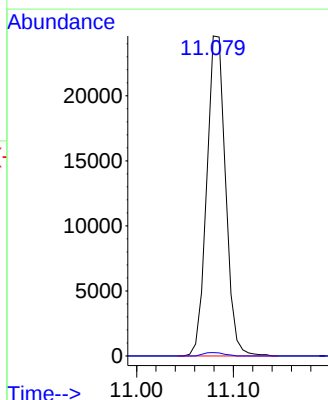
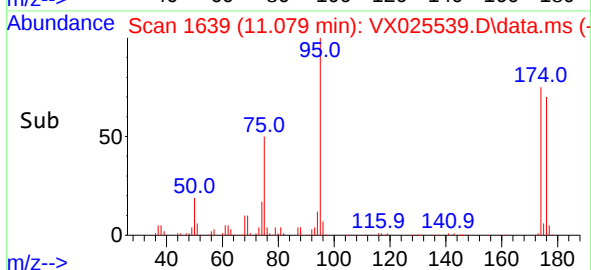
Tgt Ion:152 Resp: 66273
Ion Ratio Lower Upper
152 100
115 57.8 43.3 129.8
150 159.9 0.0 351.2

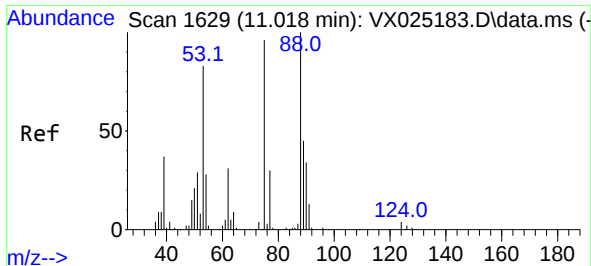


#76
1,2,3-Trichloropropane
Concen: 24.517 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025539.D
Acq: 06 Dec 2021 11:14



Tgt Ion: 75 Resp: 33273
Ion Ratio Lower Upper
75 100
77 1.1 20.0 59.9#

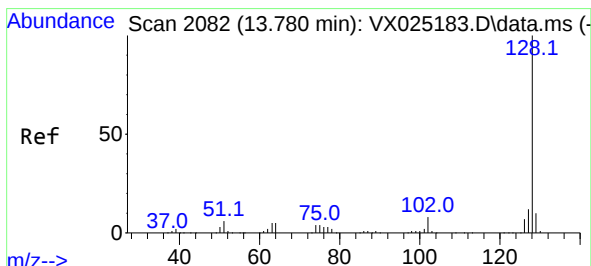
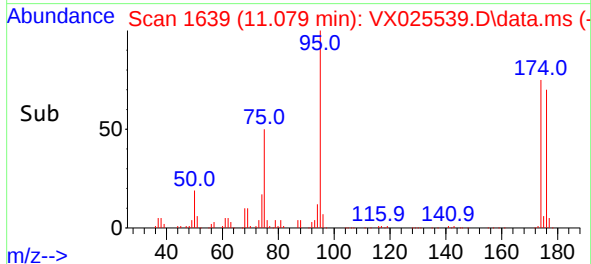
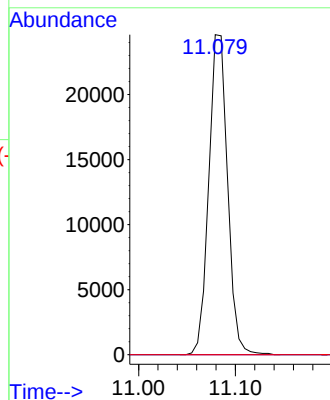
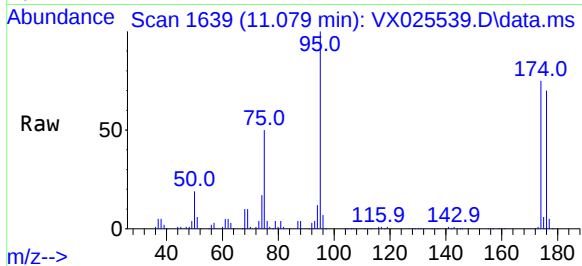




#81
trans-1,4-Dichloro-2-butene
Concen: 61.763 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025539.D
Acq: 06 Dec 2021 11:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 33273
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: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025539.D
Acq: 06 Dec 2021 11:14

Tgt Ion:128 Resp: 82
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

