

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030922\
 Data File : VX027359.D
 Acq On : 09 Mar 2022 19:01
 Operator : JC/MD
 Sample : N1800-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 10 00:36:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

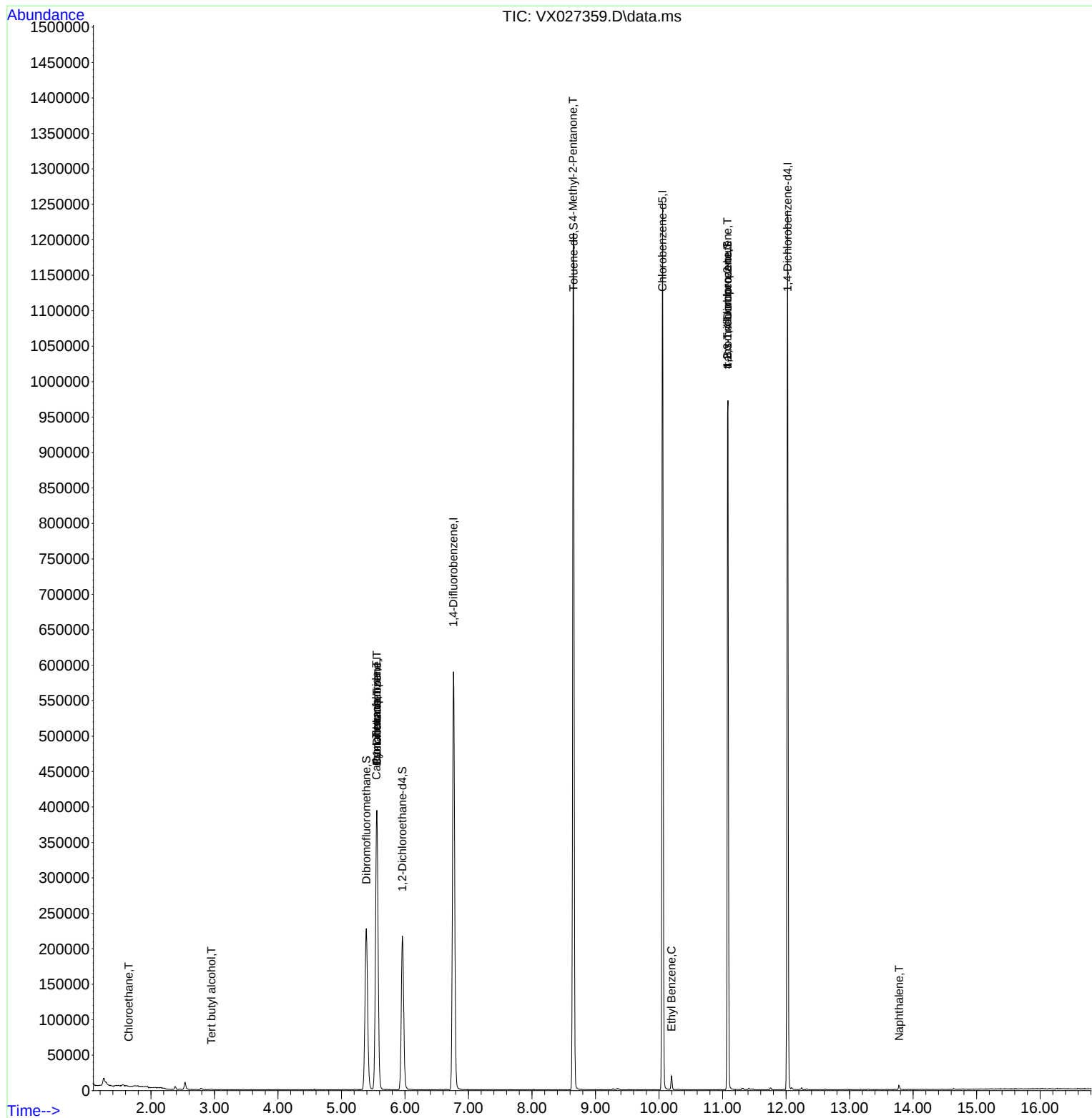
Internal Standards						
1) Pentafluorobenzene	5.556	168	402785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	652150	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	598218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	270386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	206739	44.014	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	88.020%
35) Dibromofluoromethane	5.391	113	202990	48.238	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.480%
50) Toluene-d8	8.653	98	762504	47.997	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.000%
62) 4-Bromofluorobenzene	11.079	95	275605	45.518	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.040%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	455	Below Cal	#	58
6) Chloroethane	1.648	64	347	0.576	ug/l #	43
11) Tert butyl alcohol	2.953	59	519	0.564	ug/l #	72
16) Acetone	2.386	43	4199	Below Cal		93
31) Cyclohexane	5.556	56	5823	0.886	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	26058	4.460	ug/l #	46
38) Carbon Tetrachloride	5.550	117	37956	6.283	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2611	0.420	ug/l #	1
67) Ethyl Benzene	10.195	91	11691	0.539	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	125027	21.076	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	125027	68.160	ug/l #	15
95) Naphthalene	13.780	128	4943	0.243	ug/l	97

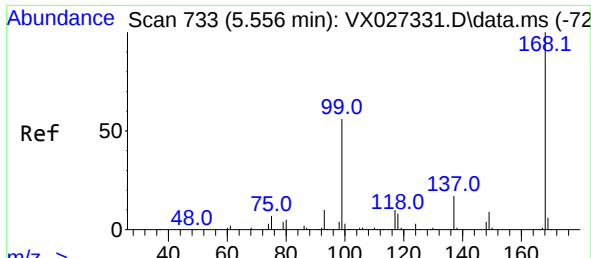
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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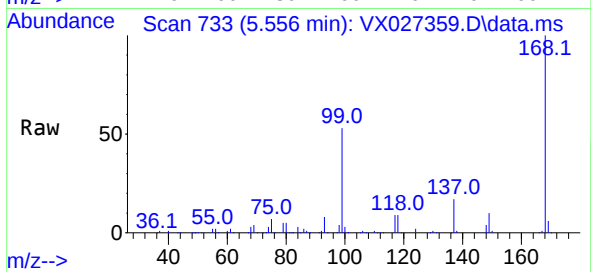
Quant Time: Mar 10 00:36:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:54:34 2022
Response via : Initial Calibration



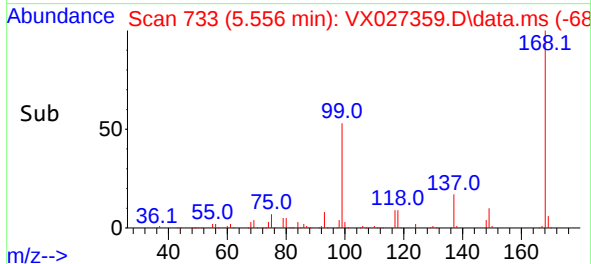
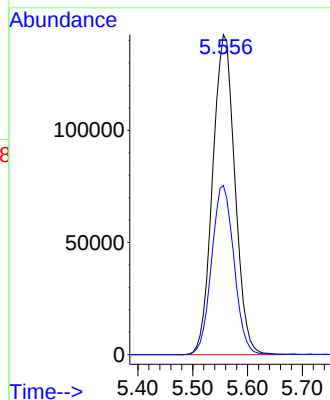


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027359.D
Acq: 09 Mar 2022 19:01

Instrument :
MSVOA_X
ClientSampleId :

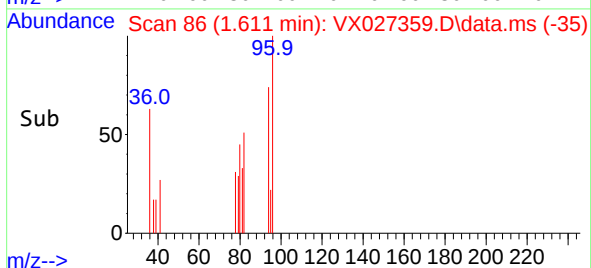
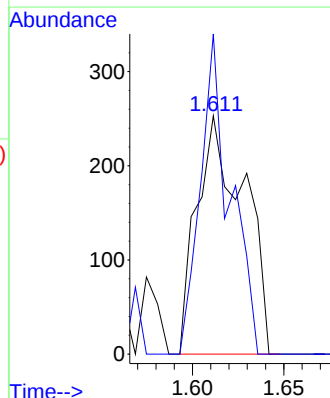
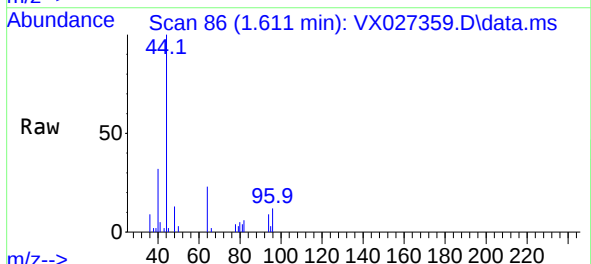


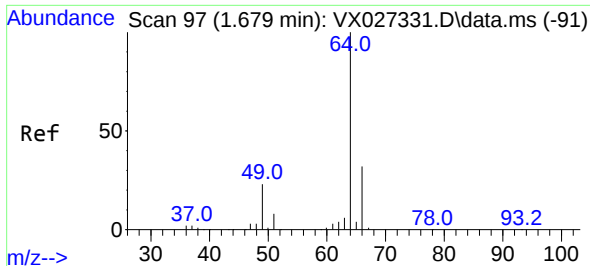
Tgt Ion:168 Resp: 402785
Ion Ratio Lower Upper
168 100
99 52.9 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027359.D
Acq: 09 Mar 2022 19:01

Tgt Ion: 94 Resp: 455
Ion Ratio Lower Upper
94 100
96 134.4 75.3 112.9#

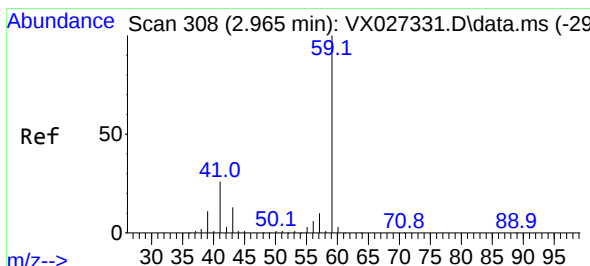
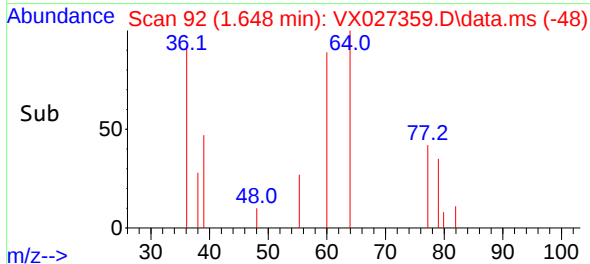
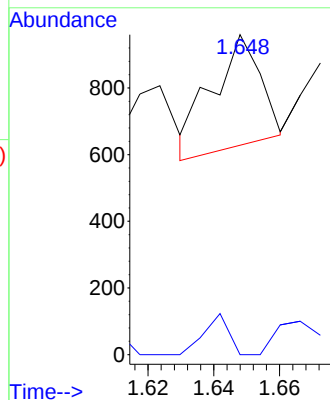
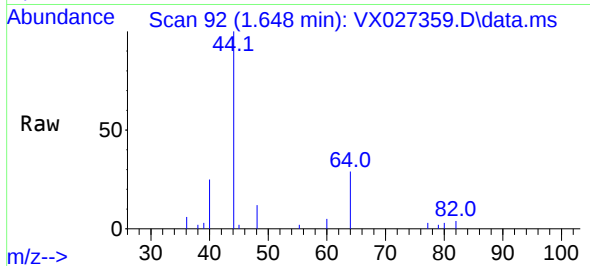




#6
Chloroethane
Concen: 0.576 ug/l
RT: 1.648 min Scan# 91
Delta R.T. -0.031 min
Lab File: VX027359.D
Acq: 09 Mar 2022 19:01

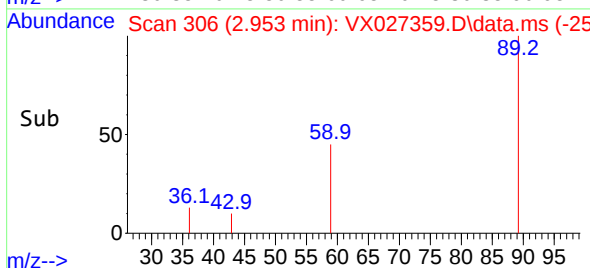
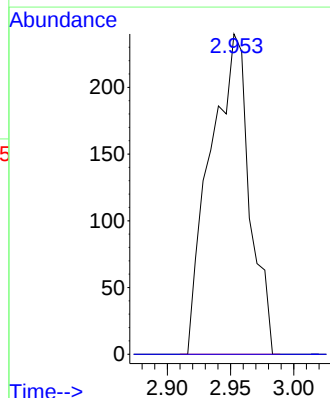
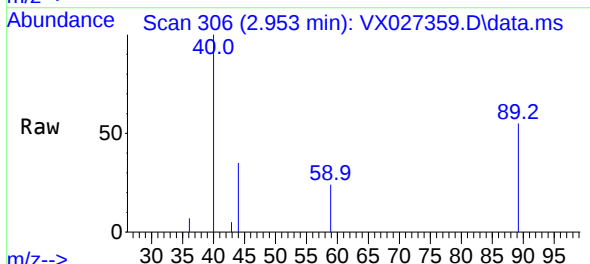
Instrument :
MSVOA_X
ClientSampleId :

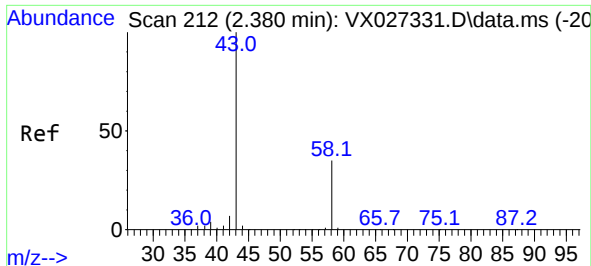
Tgt Ion: 64 Resp: 347
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: 0.564 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX027359.D
Acq: 09 Mar 2022 19:01

Tgt Ion: 59 Resp: 519
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

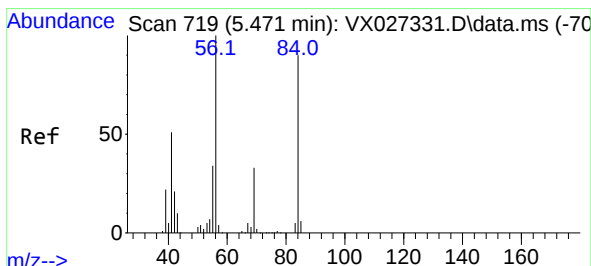
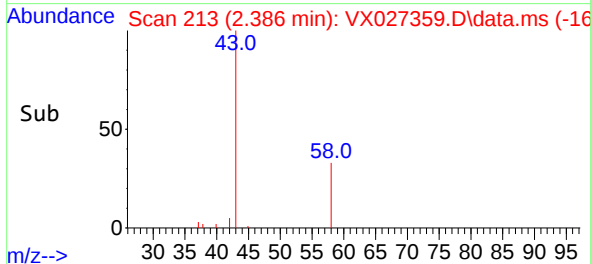
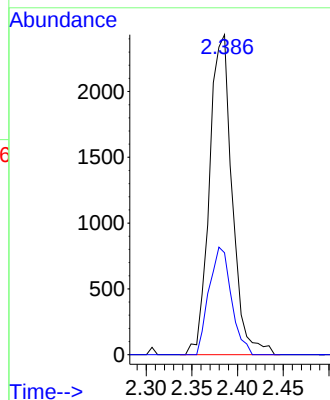
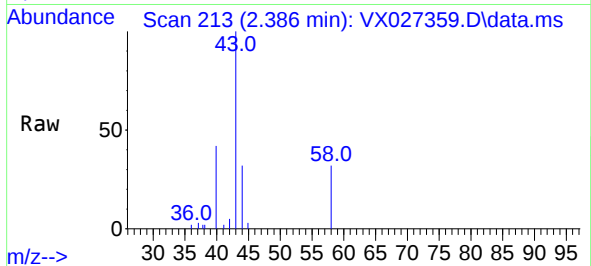




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027359.D
Acq: 09 Mar 2022 19:01

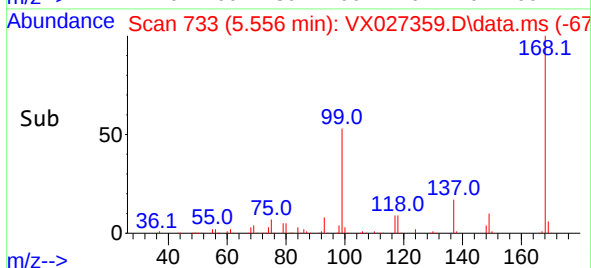
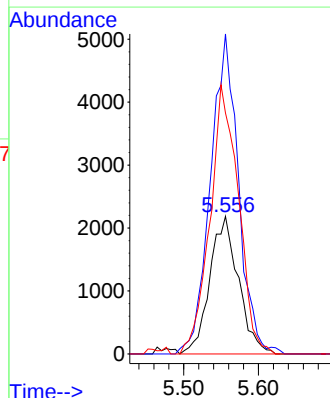
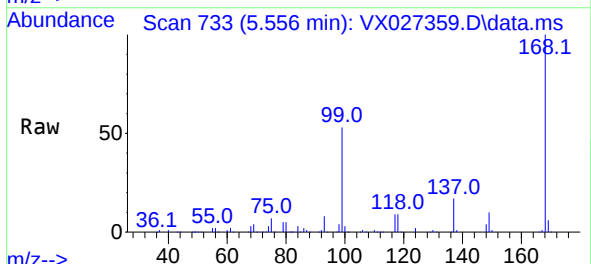
Instrument :
MSVOA_X
ClientSampleId :

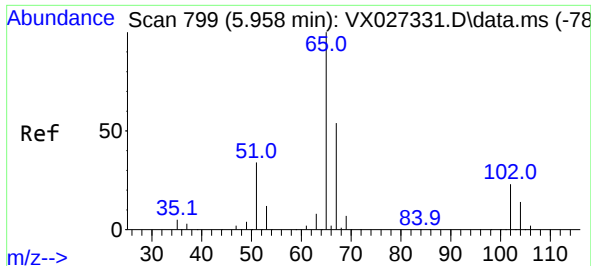
Tgt Ion: 43 Resp: 4199
Ion Ratio Lower Upper
43 100
58 31.8 28.8 43.2



#31
Cyclohexane
Concen: 0.886 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX027359.D
Acq: 09 Mar 2022 19:01

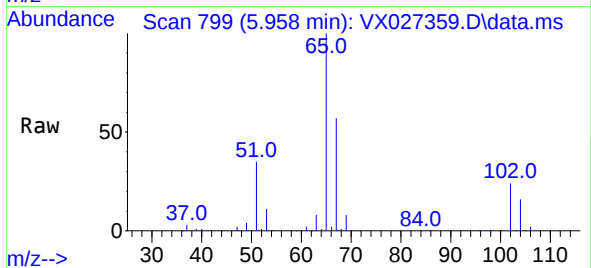
Tgt Ion: 56 Resp: 5823
Ion Ratio Lower Upper
56 100
69 230.3 26.7 40.1#
84 175.2 77.2 115.8#



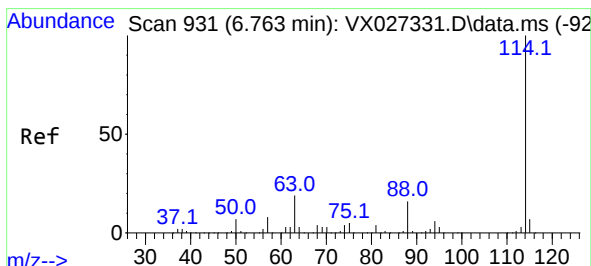
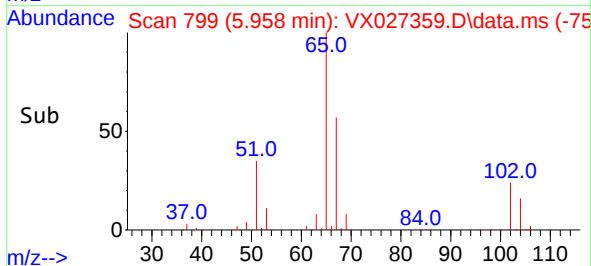
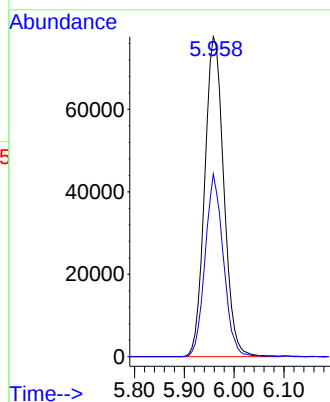


#33
 1,2-Dichloroethane-d4
 Concen: 44.014 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX027359.D
 Acq: 09 Mar 2022 19:01

Instrument :
 MSVOA_X
 ClientSampleId :

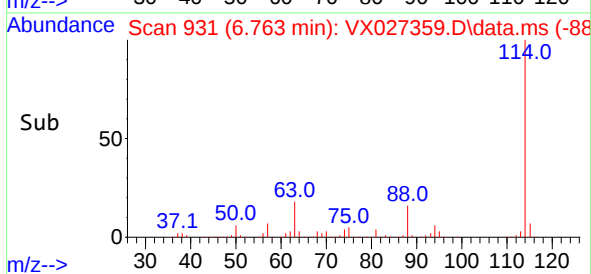
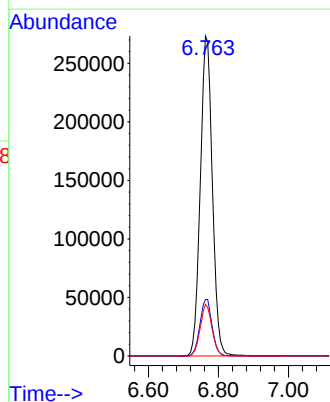
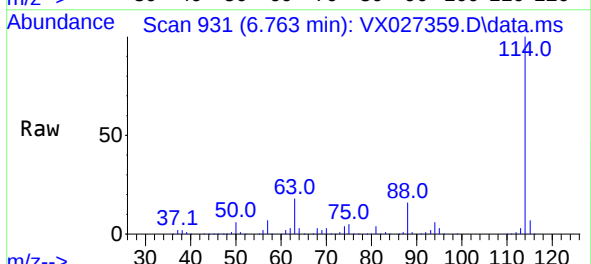


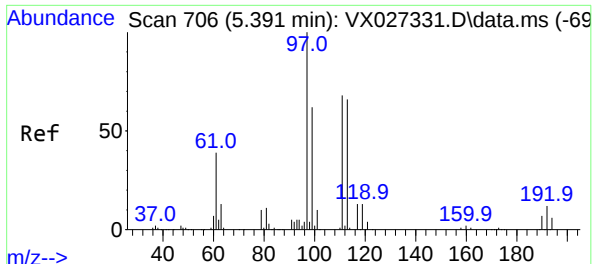
Tgt Ion: 65 Resp: 206739
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX027359.D
 Acq: 09 Mar 2022 19:01

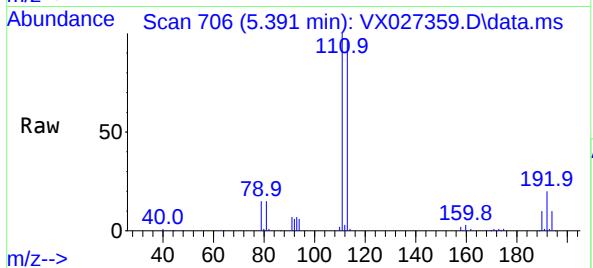
Tgt Ion: 114 Resp: 652150
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 36.8
 88 16.1 0.0 32.4



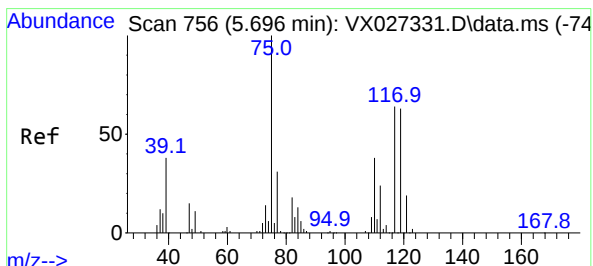
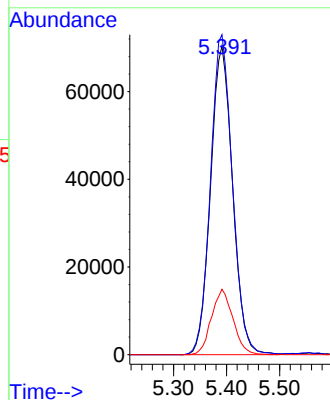
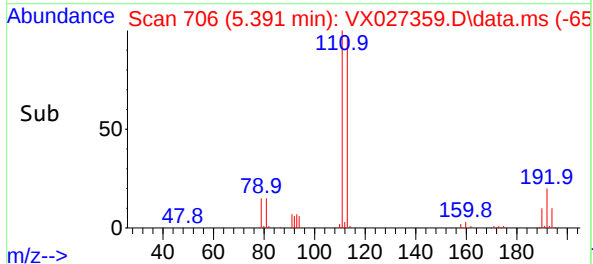


#35
Dibromofluoromethane
Concen: 48.238 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027359.D
Acq: 09 Mar 2022 19:01

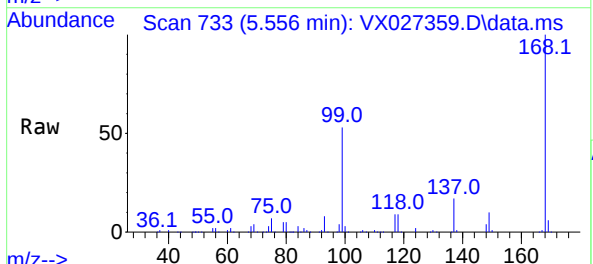
Instrument :
MSVOA_X
ClientSampleId :



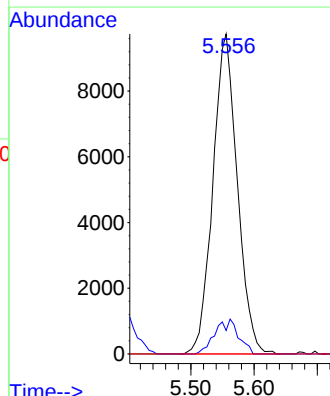
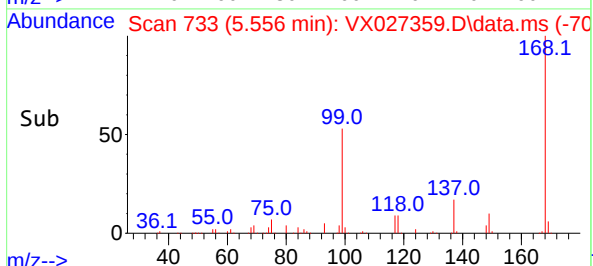
Tgt Ion:113 Resp: 202990
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 20.7 16.9 25.3

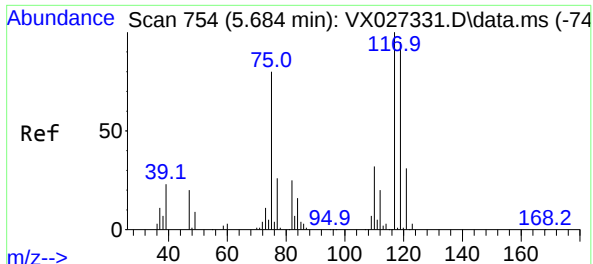


#36
1,1-Dichloropropene
Concen: 4.460 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027359.D
Acq: 09 Mar 2022 19:01



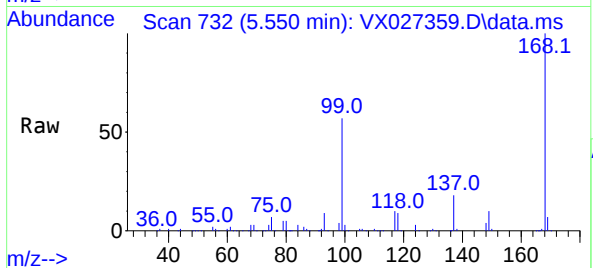
Tgt Ion: 75 Resp: 26058
Ion Ratio Lower Upper
75 100
110 5.7 18.3 54.8#
77 0.0 24.8 37.2#



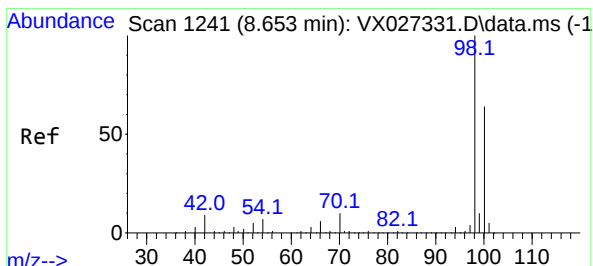
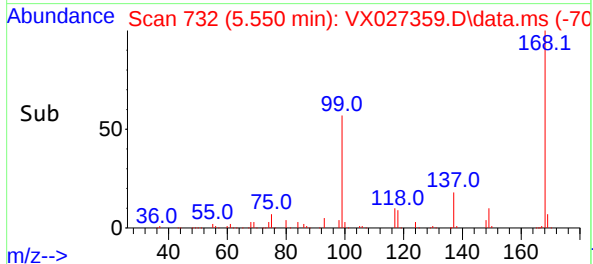
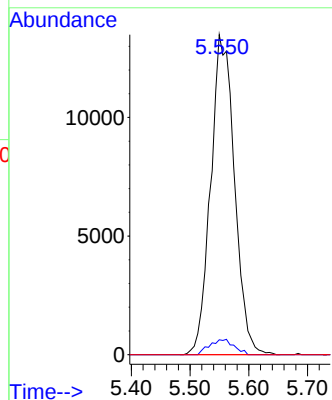


#38
Carbon Tetrachloride
Concen: 6.283 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX027359.D
Acq: 09 Mar 2022 19:01

Instrument :
MSVOA_X
ClientSampleId :

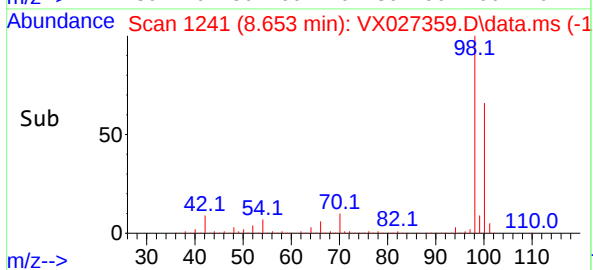
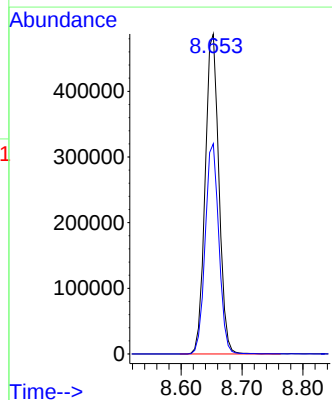
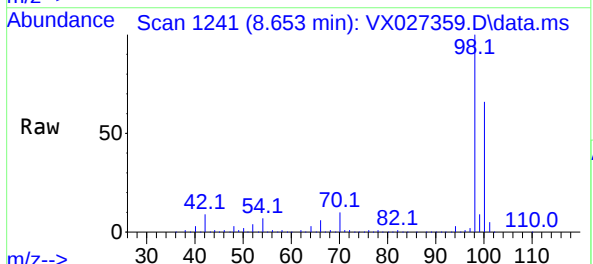


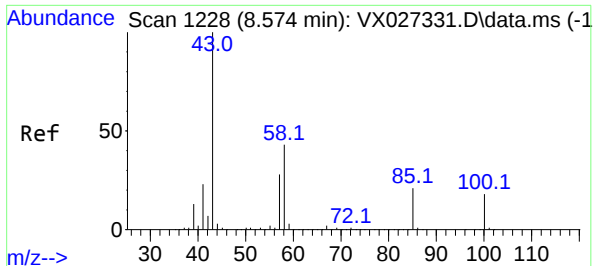
Tgt Ion:117 Resp: 37956
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.997 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027359.D
Acq: 09 Mar 2022 19:01

Tgt Ion: 98 Resp: 762504
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.420 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX027359.D

Acq: 09 Mar 2022 19:01

Instrument :

MSVOA_X

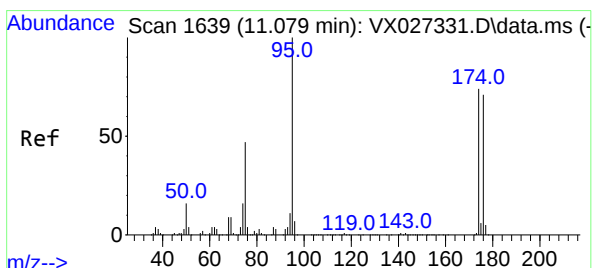
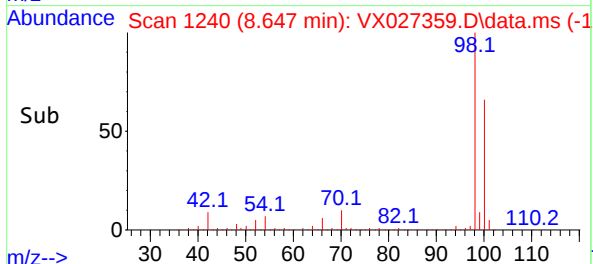
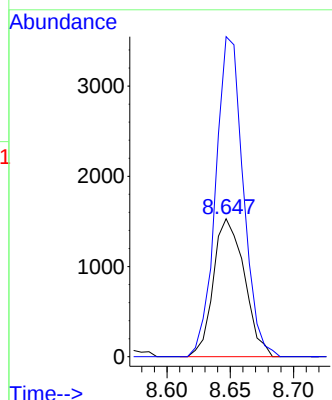
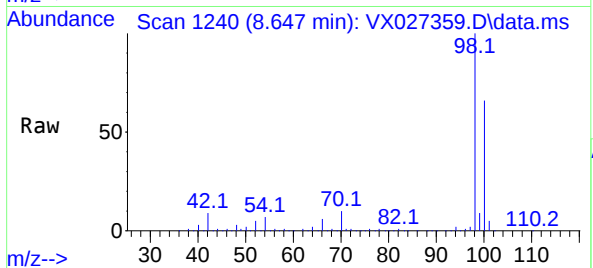
ClientSampleId :

Tgt Ion: 43 Resp: 2611

Ion Ratio Lower Upper

43 100

58 206.0 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 45.518 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX027359.D

Acq: 09 Mar 2022 19:01

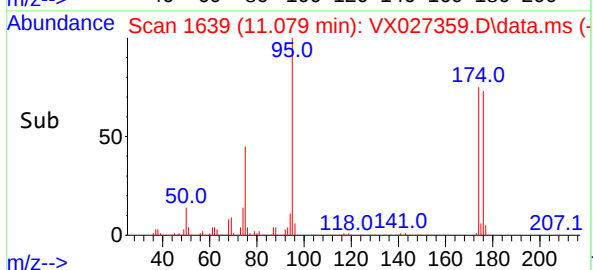
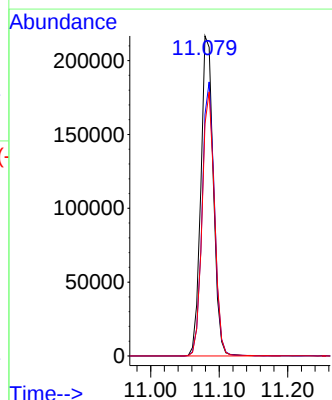
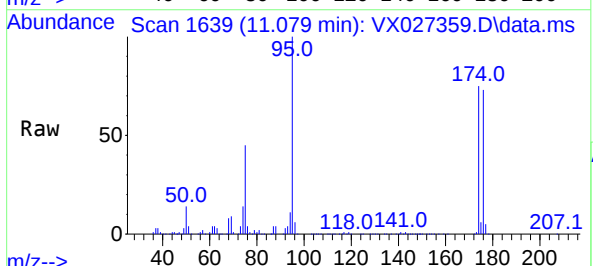
Tgt Ion: 95 Resp: 275605

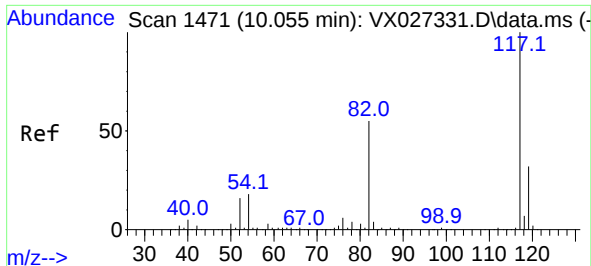
Ion Ratio Lower Upper

95 100

174 83.9 0.0 163.0

176 81.8 0.0 155.0

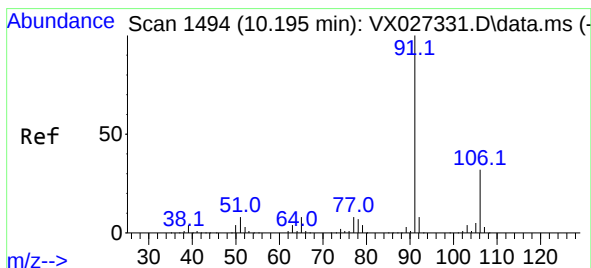
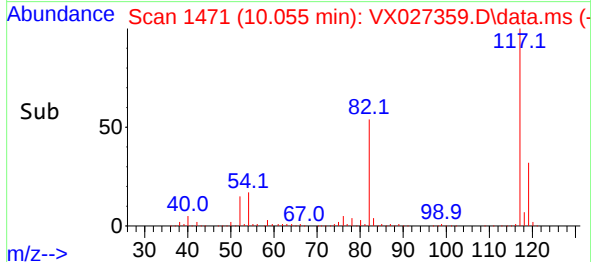
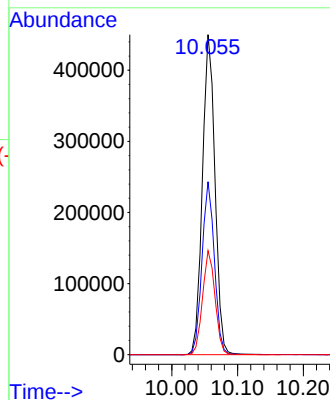
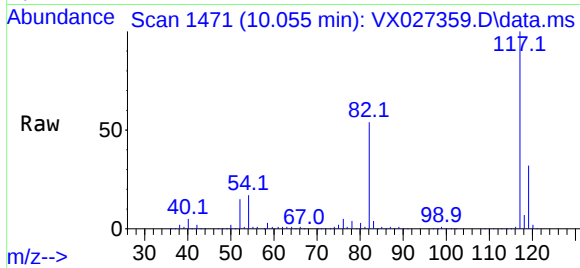




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027359.D
Acq: 09 Mar 2022 19:01

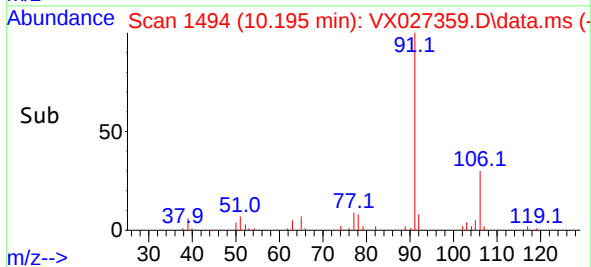
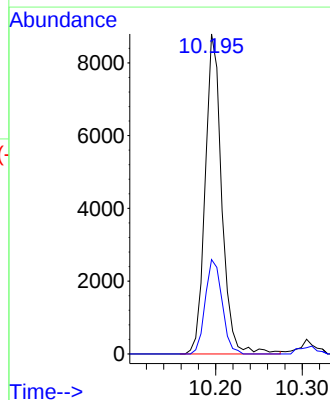
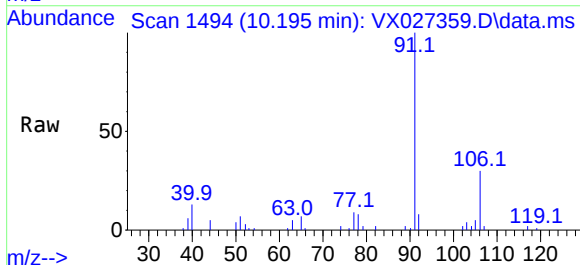
Instrument :
MSVOA_X
ClientSampleId :

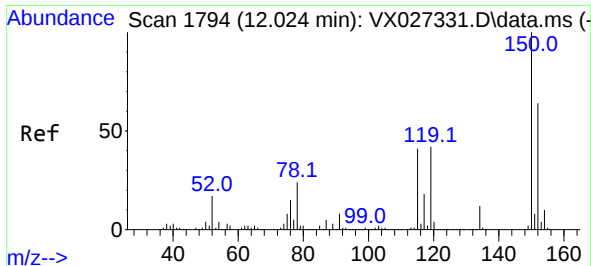
Tgt Ion:117 Resp: 598218
Ion Ratio Lower Upper
117 100
82 54.1 41.8 62.8
119 32.5 24.8 37.2



#67
Ethyl Benzene
Concen: 0.539 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027359.D
Acq: 09 Mar 2022 19:01

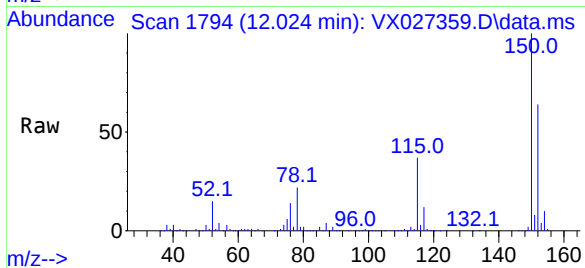
Tgt Ion: 91 Resp: 11691
Ion Ratio Lower Upper
91 100
106 29.5 24.6 36.8



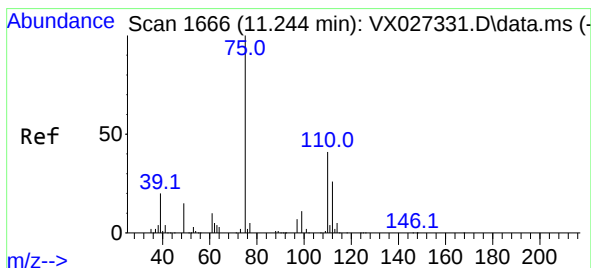
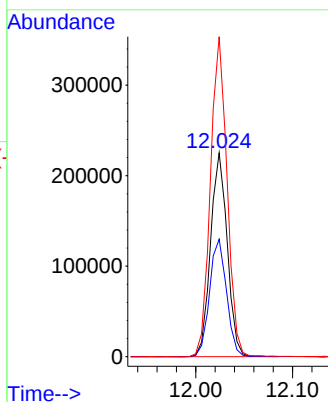
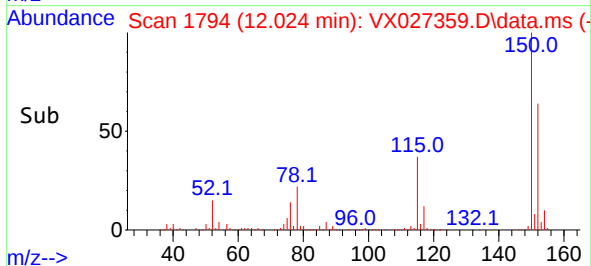


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027359.D
Acq: 09 Mar 2022 19:01

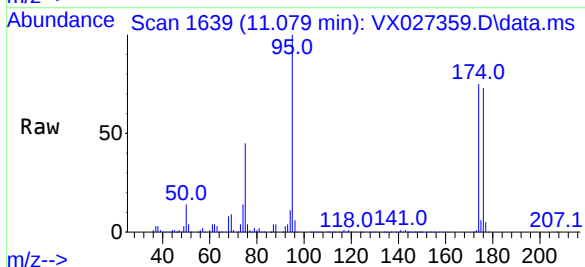
Instrument :
MSVOA_X
ClientSampleId :



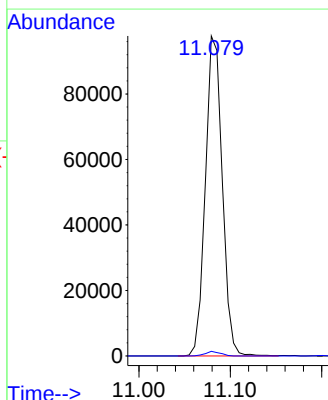
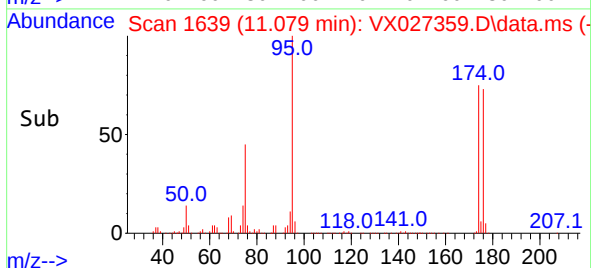
Tgt Ion:152 Resp: 270386
Ion Ratio Lower Upper
152 100
115 58.8 37.5 112.7
150 156.4 0.0 338.2

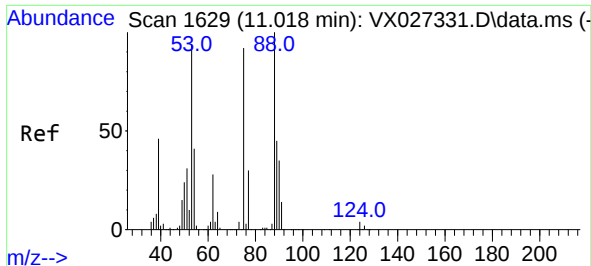


#76
1,2,3-Trichloropropane
Concen: 21.076 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027359.D
Acq: 09 Mar 2022 19:01



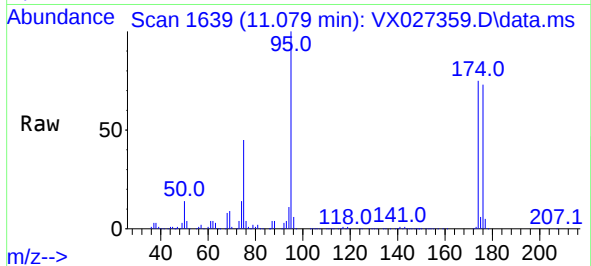
Tgt Ion: 75 Resp: 125027
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



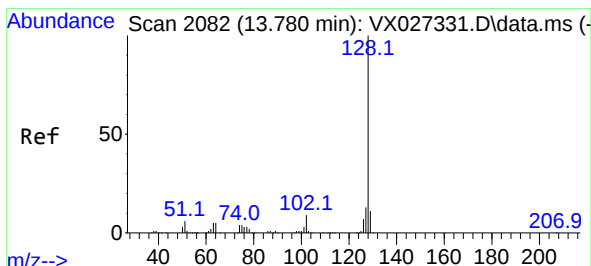
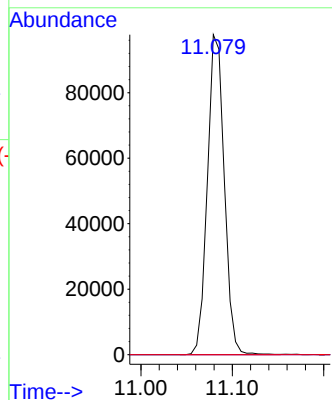
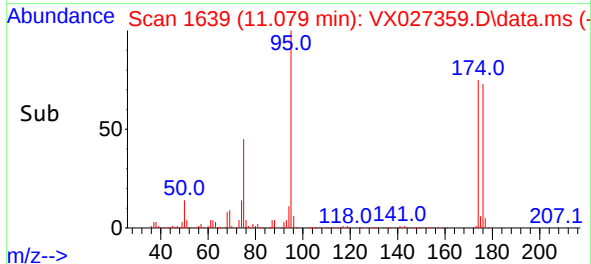


#81
trans-1,4-Dichloro-2-butene
Concen: 68.160 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027359.D
Acq: 09 Mar 2022 19:01

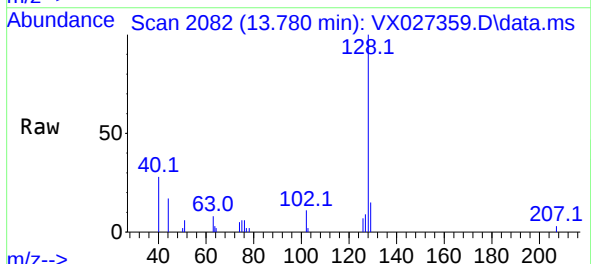
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 125027
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#95
Naphthalene
Concen: 0.243 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX027359.D
Acq: 09 Mar 2022 19:01



Tgt Ion: 128 Resp: 4943
Ion Ratio Lower Upper
128 100
127 11.4 10.2 15.4
129 11.6 8.7 13.1

