

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021722\
 Data File : VX027069.D
 Acq On : 17 Feb 2022 11:36
 Operator : JC/MD
 Sample : VX0217WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0217WBL01

Quant Time: Feb 18 03:46:50 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)

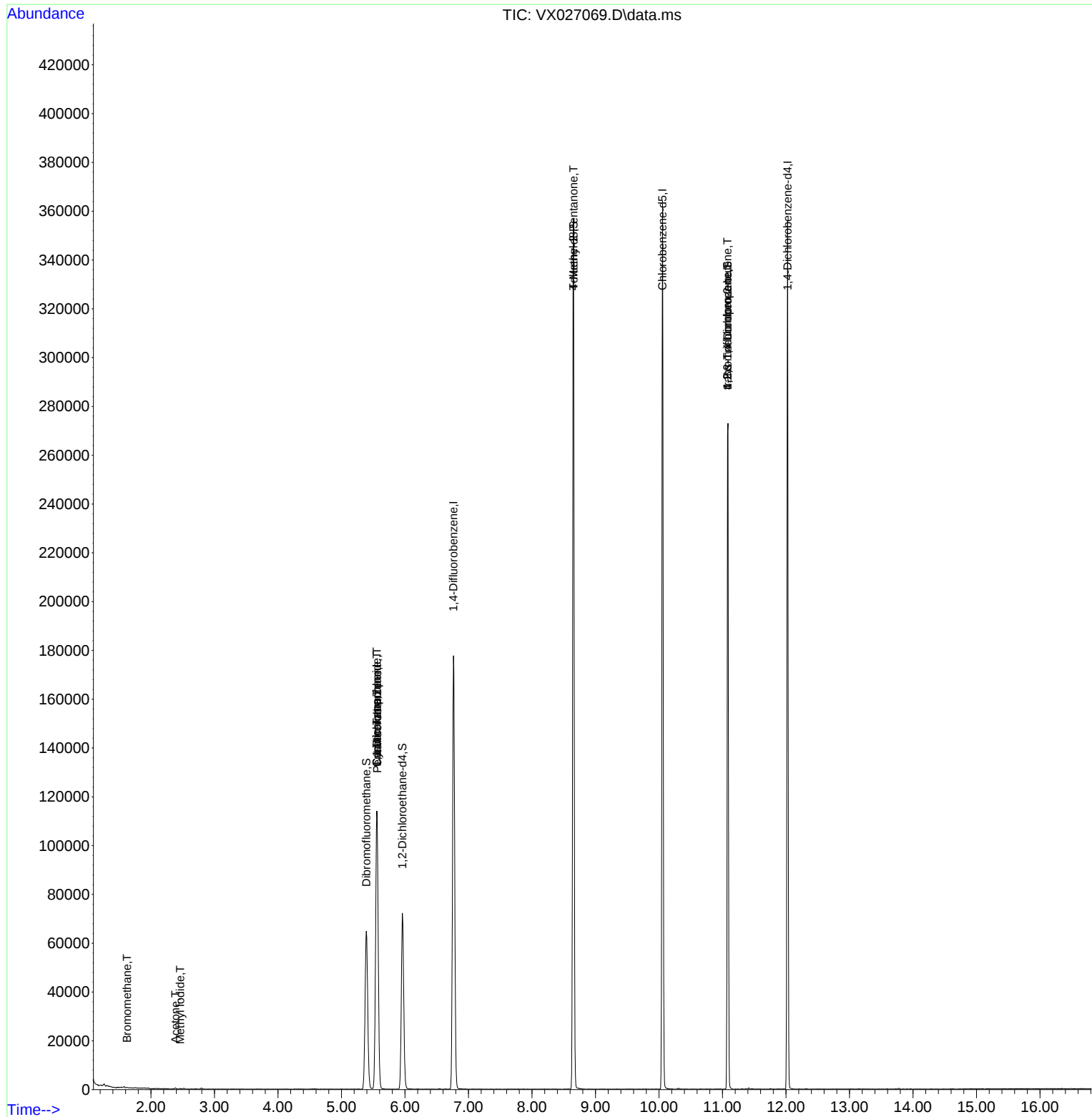
Internal Standards						
1) Pentafluorobenzene	5.562	168	110345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	183866	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68715	51.877	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.760%	
35) Dibromofluoromethane	5.391	113	57324	52.330	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.660%	
50) Toluene-d8	8.653	98	213157	53.010	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.020%	
62) 4-Bromofluorobenzene	11.079	95	78076	55.151	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.300%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	146	0.294	ug/l #	65
10) Methyl Iodide	2.459	142	254	2.409	ug/l #	37
16) Acetone	2.386	43	466	0.801	ug/l #	89
31) Cyclohexane	5.556	56	2254	1.071	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8303	4.805	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10884	6.006	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	860	0.470	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38579	24.485	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	38579	74.755	ug/l #	3

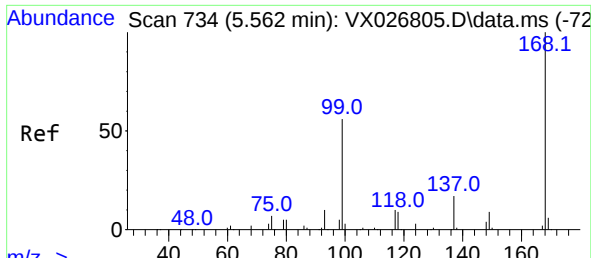
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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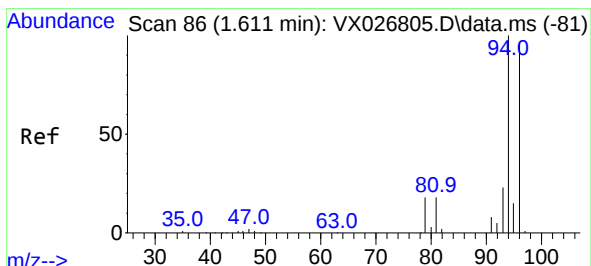
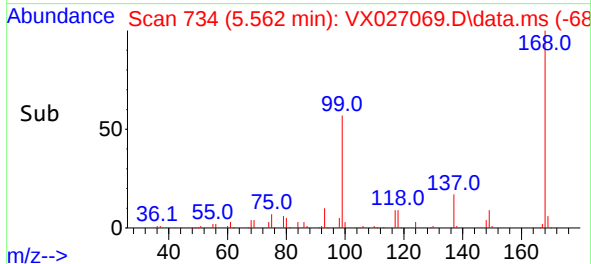
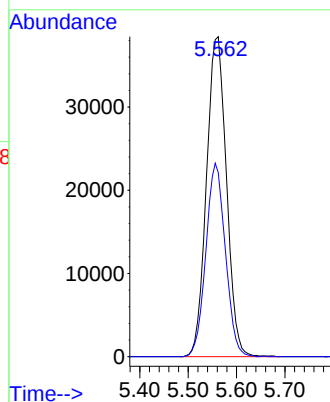
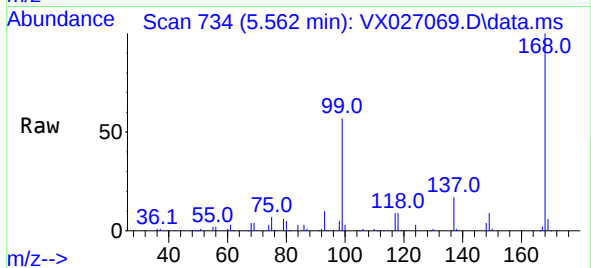




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX027069.D
Acq: 17 Feb 2022 11:36

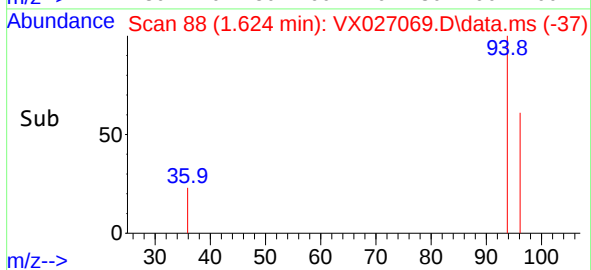
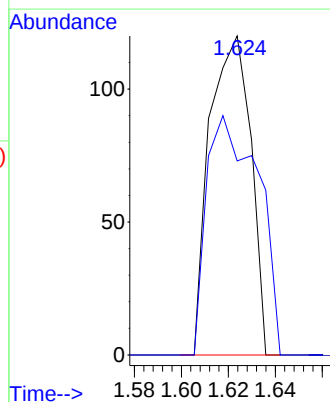
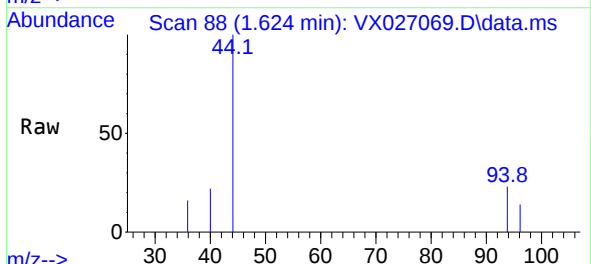
Instrument :
MSVOA_X
ClientSampleId :
VX0217WBL01

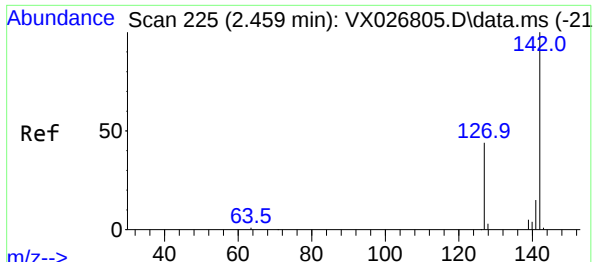
Tgt Ion:168 Resp: 110345
Ion Ratio Lower Upper
168 100
99 57.5 50.3 75.5



#5
Bromomethane
Concen: 0.294 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX027069.D
Acq: 17 Feb 2022 11:36

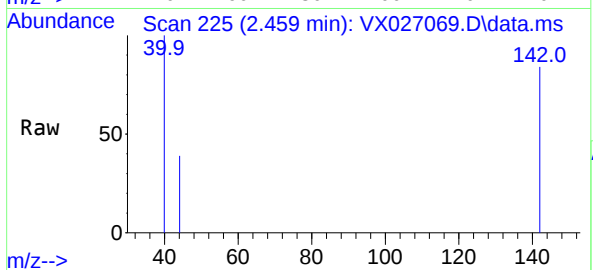
Tgt Ion: 94 Resp: 146
Ion Ratio Lower Upper
94 100
96 60.8 75.9 113.9#



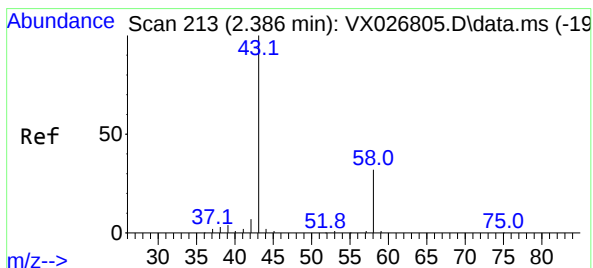
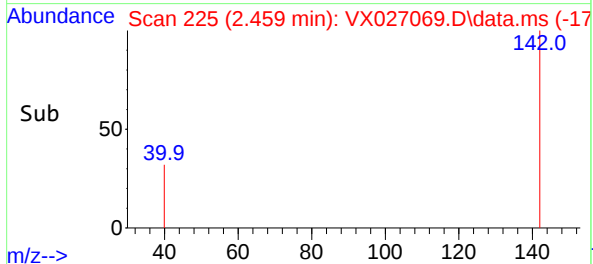
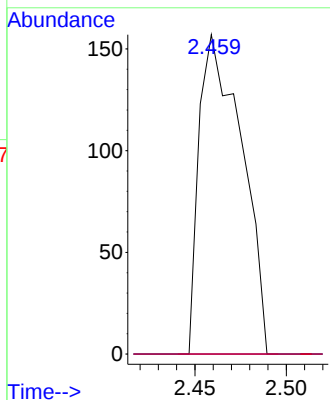


#10
Methyl Iodide
Concen: 2.409 ug/l
RT: 2.459 min Scan# 210
Delta R.T. -0.000 min
Lab File: VX027069.D
Acq: 17 Feb 2022 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX0217WBL01

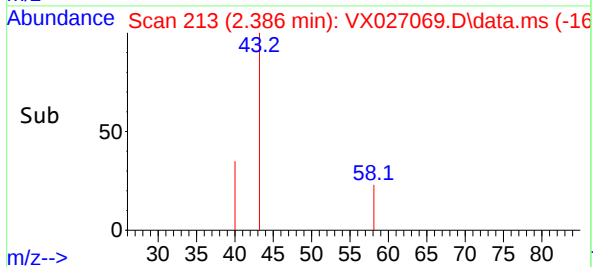
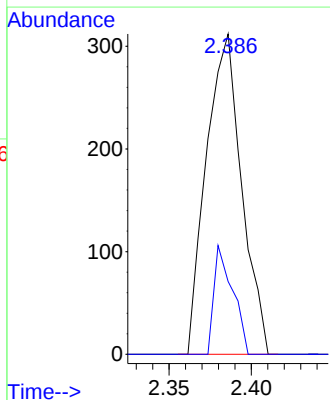
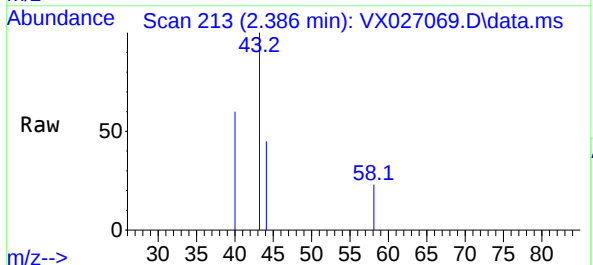


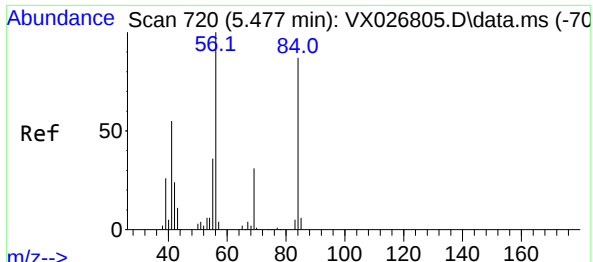
Tgt Ion:142 Resp: 254
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#



#16
Acetone
Concen: 0.801 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX027069.D
Acq: 17 Feb 2022 11:36

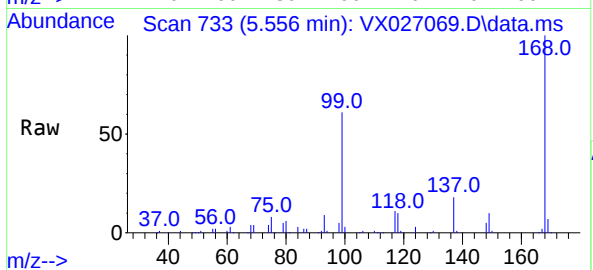
Tgt Ion: 43 Resp: 466
Ion Ratio Lower Upper
43 100
58 22.8 23.0 34.6#



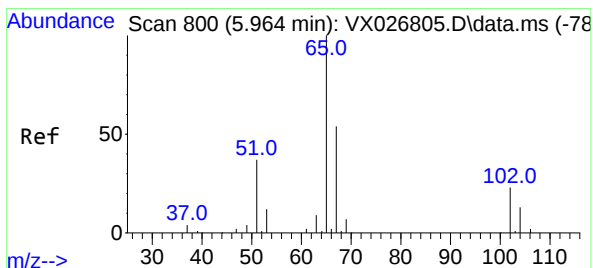
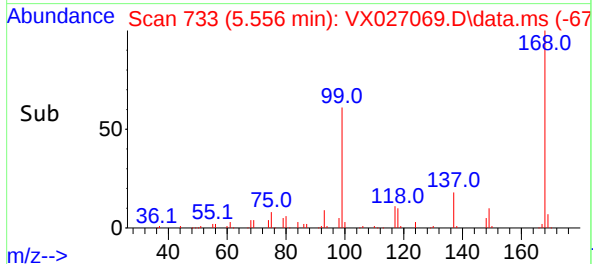
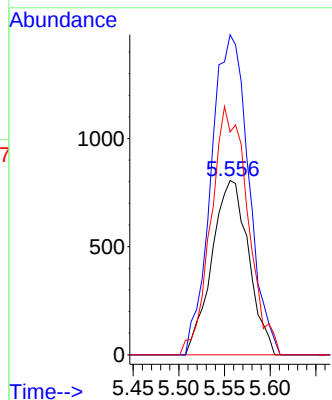


#31
Cyclohexane
Concen: 1.071 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX027069.D
Acq: 17 Feb 2022 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX0217WBL01

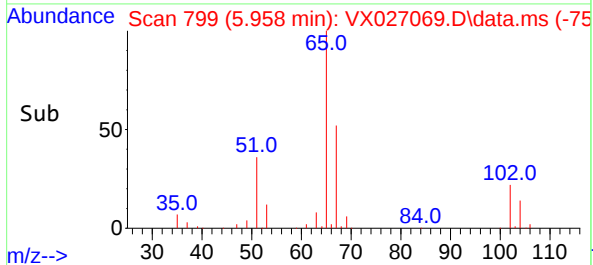
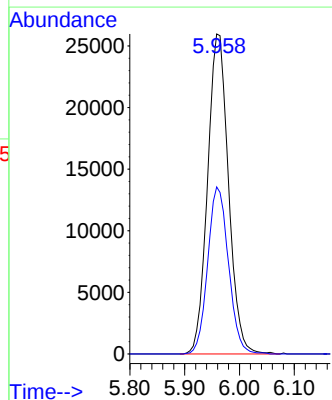
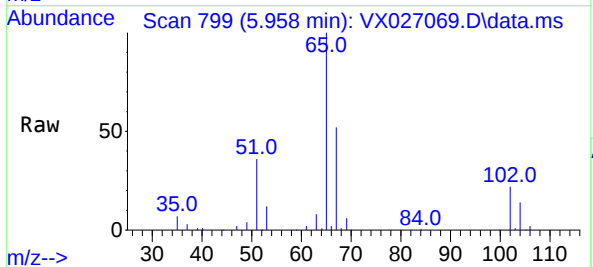


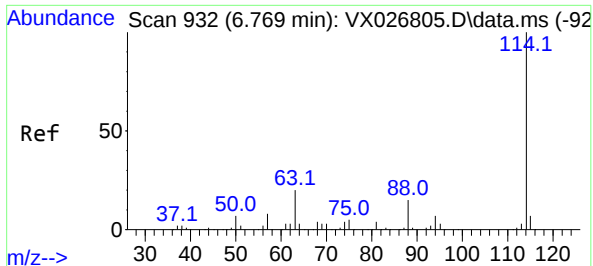
Tgt Ion: 56 Resp: 2254
Ion Ratio Lower Upper
56 100
69 183.6 25.8 38.6#
84 127.8 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 51.877 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027069.D
Acq: 17 Feb 2022 11:36

Tgt Ion: 65 Resp: 68715
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX027069.D

Acq: 17 Feb 2022 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0217WBL01

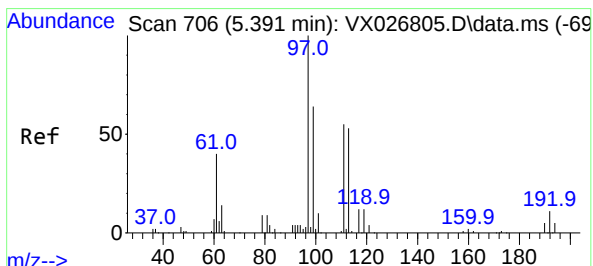
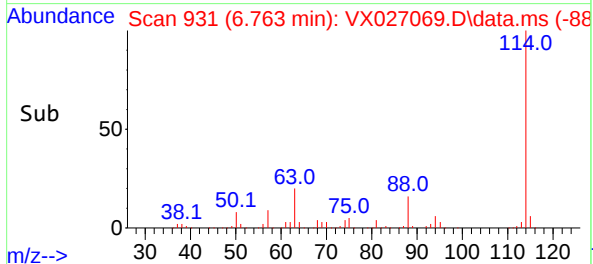
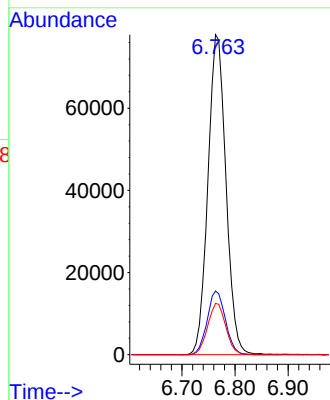
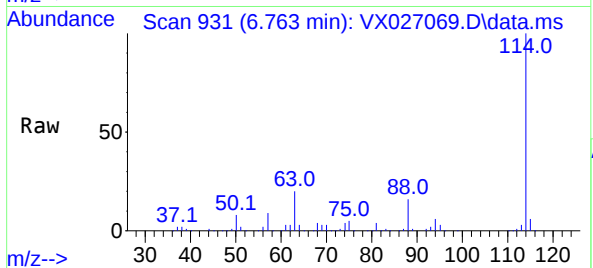
Tgt Ion:114 Resp: 183866

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.8

88 16.0 0.0 33.0



#35

Dibromofluoromethane

Concen: 52.330 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027069.D

Acq: 17 Feb 2022 11:36

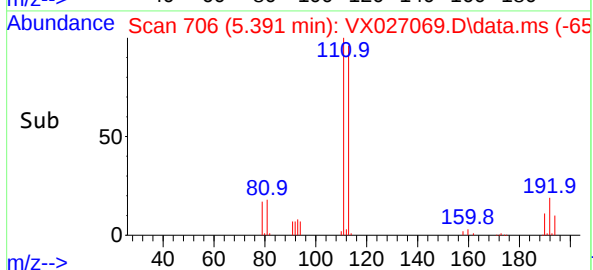
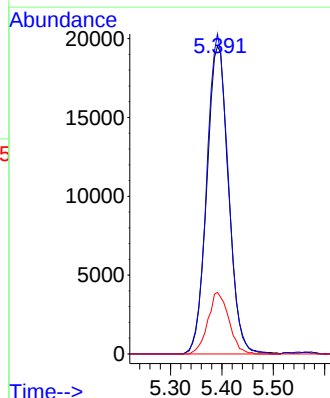
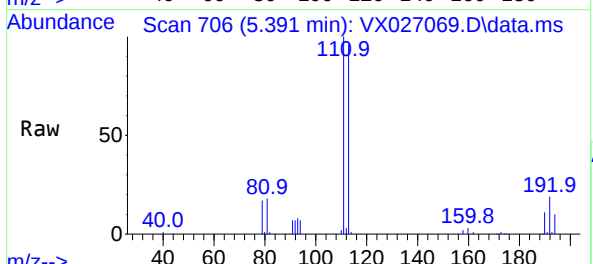
Tgt Ion:113 Resp: 57324

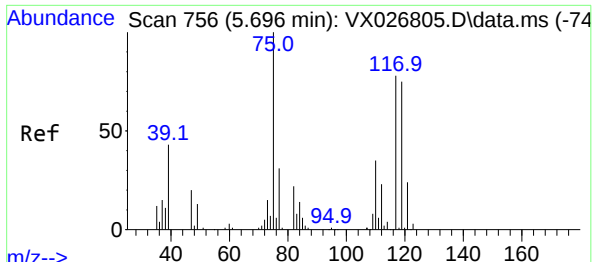
Ion Ratio Lower Upper

113 100

111 102.2 81.2 121.8

192 19.2 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.805 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX027069.D

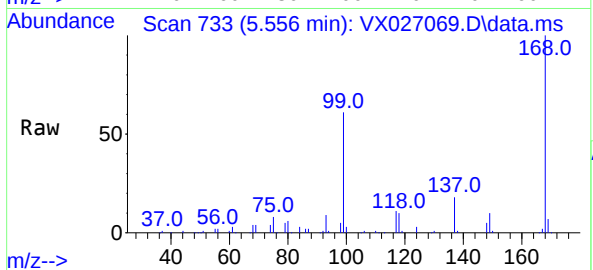
Acq: 17 Feb 2022 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0217WBL01



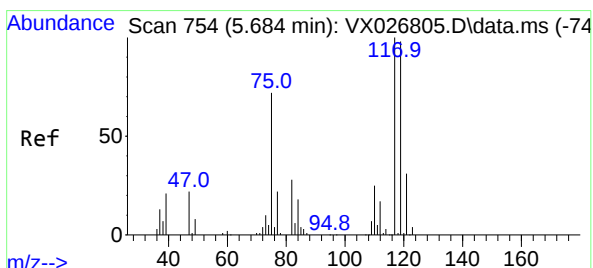
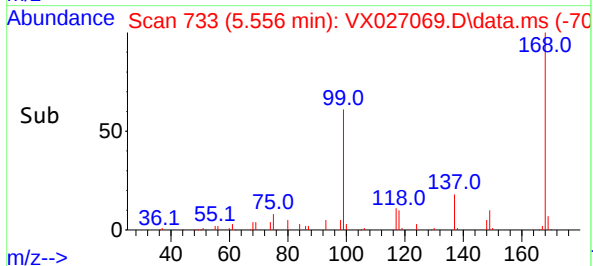
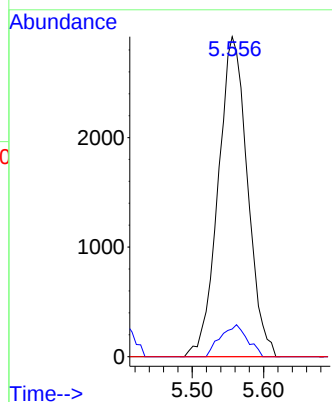
Tgt Ion: 75 Resp: 8303

Ion Ratio Lower Upper

75 100

110 9.2 17.2 51.6#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 6.006 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX027069.D

Acq: 17 Feb 2022 11:36

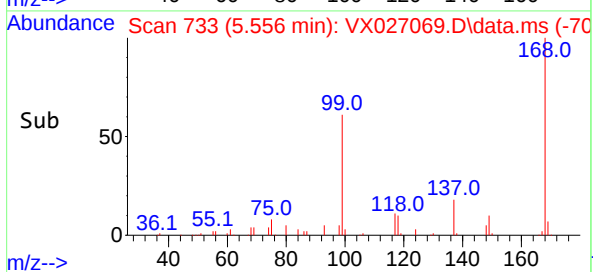
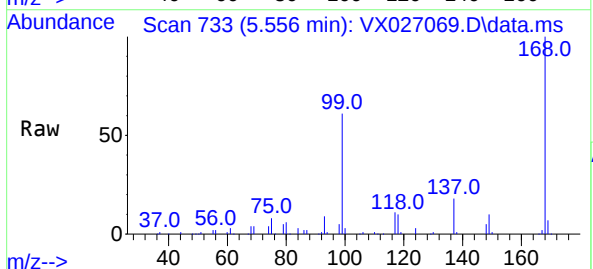
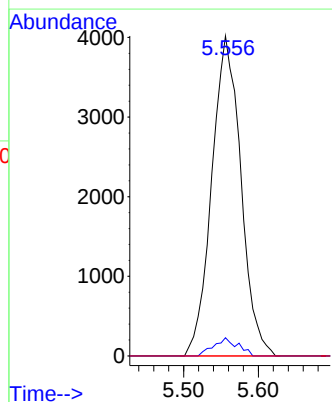
Tgt Ion: 117 Resp: 10884

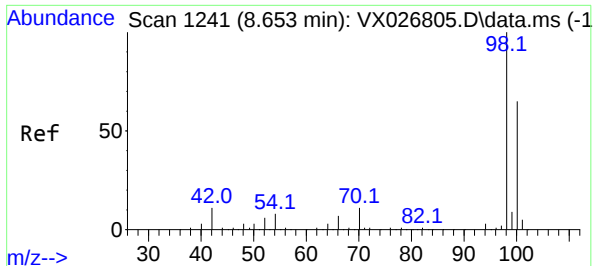
Ion Ratio Lower Upper

117 100

119 5.7 74.7 112.1#

121 0.0 25.4 38.0#





#50

Toluene-d8

Concen: 53.010 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX027069.D

Acq: 17 Feb 2022 11:36

Instrument :

MSVOA_X

ClientSampleId :

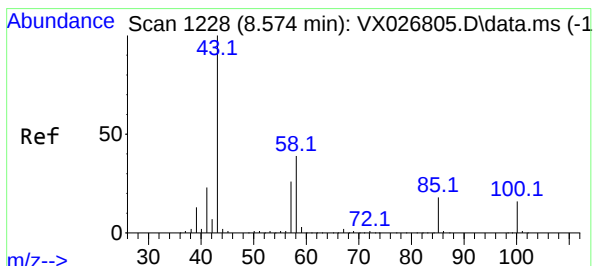
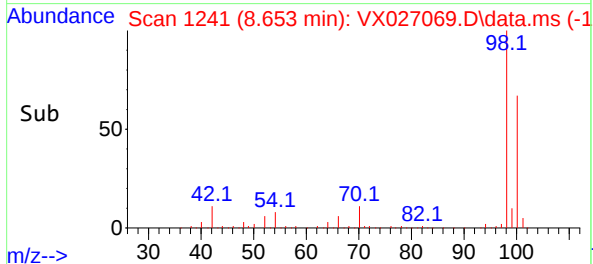
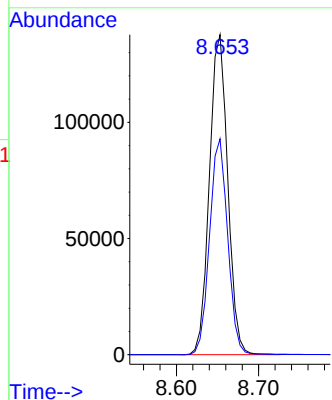
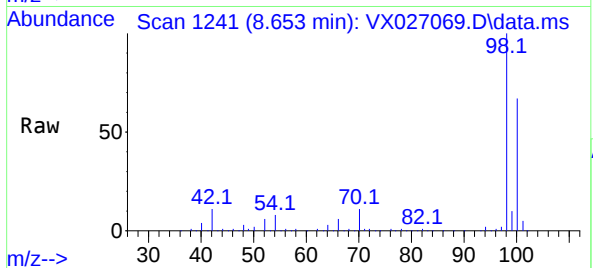
VX0217WBL01

Tgt Ion: 98 Resp: 213157

Ion Ratio Lower Upper

98 100

100 66.6 53.2 79.8



#51

4-Methyl-2-Pentanone

Concen: 0.470 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX027069.D

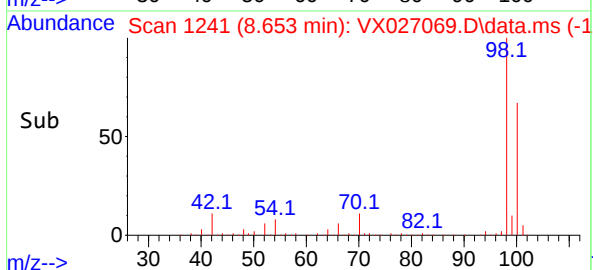
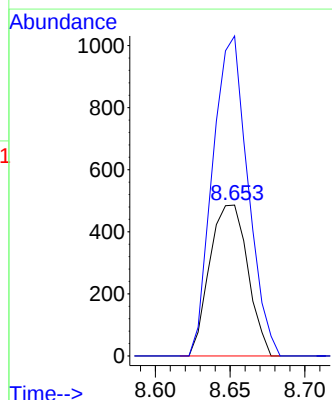
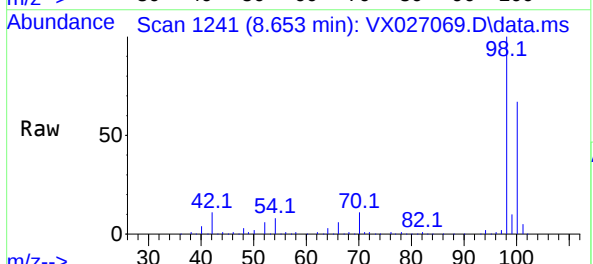
Acq: 17 Feb 2022 11:36

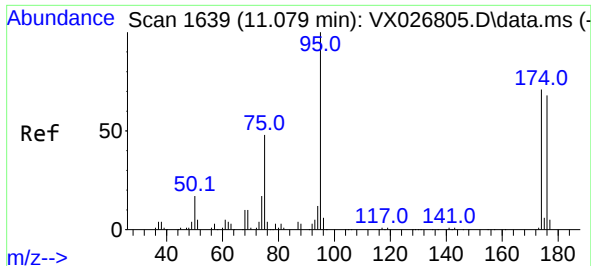
Tgt Ion: 43 Resp: 860

Ion Ratio Lower Upper

43 100

58 196.6 30.5 45.7#

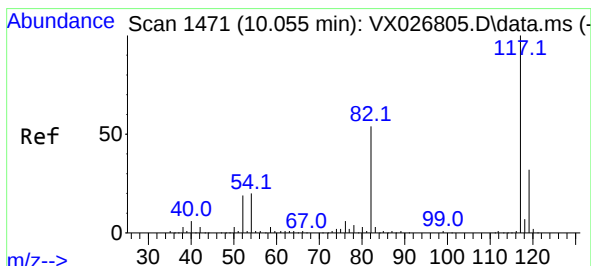
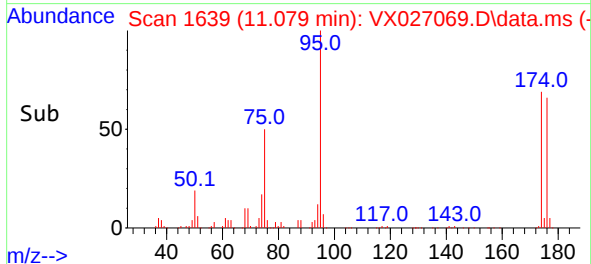
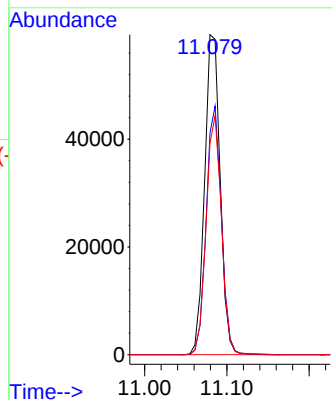
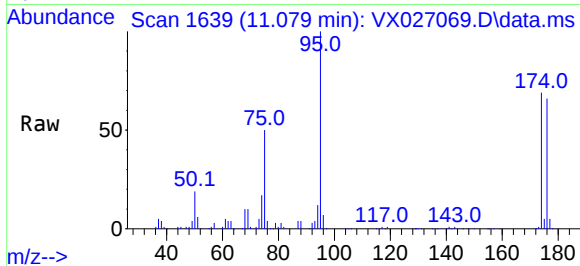




#62
4-Bromofluorobenzene
Concen: 55.151 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX027069.D
Acq: 17 Feb 2022 11:36

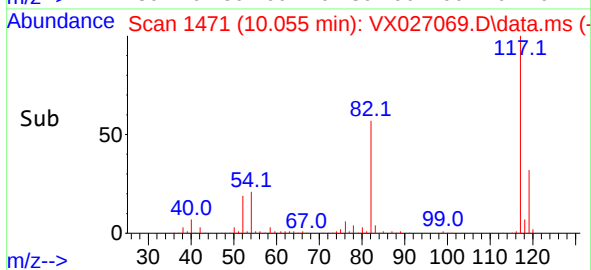
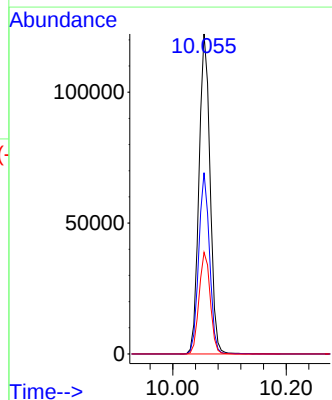
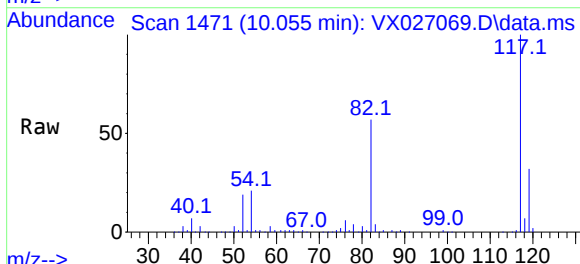
Instrument :
MSVOA_X
ClientSampleId :
VX0217WBL01

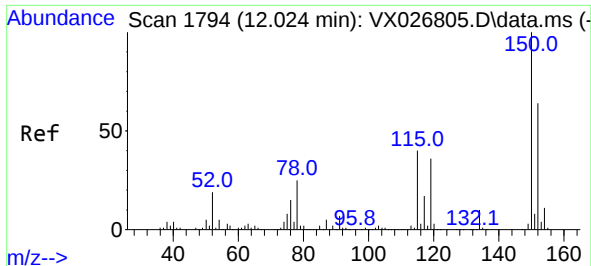
Tgt Ion: 95 Resp: 78076
Ion Ratio Lower Upper
95 100
174 75.8 0.0 148.6
176 73.4 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027069.D
Acq: 17 Feb 2022 11:36

Tgt Ion: 117 Resp: 165482
Ion Ratio Lower Upper
117 100
82 56.6 45.2 67.8
119 31.8 26.2 39.2

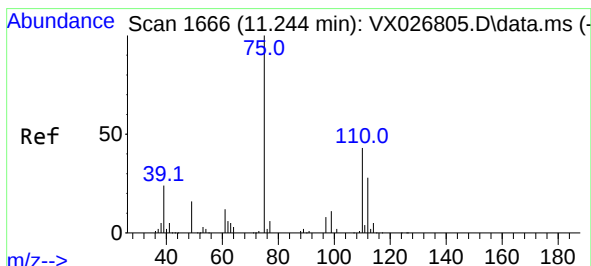
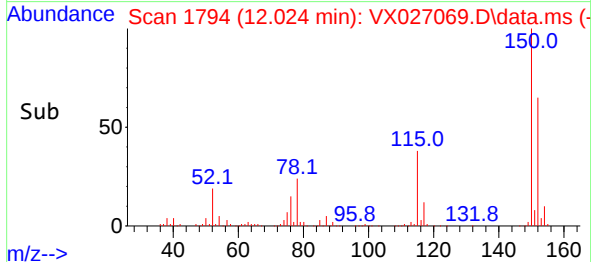
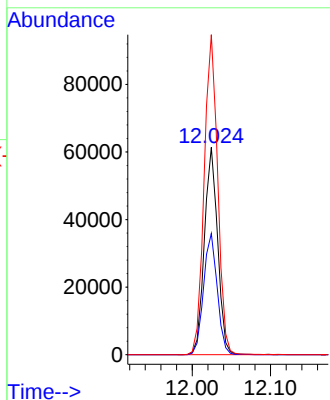
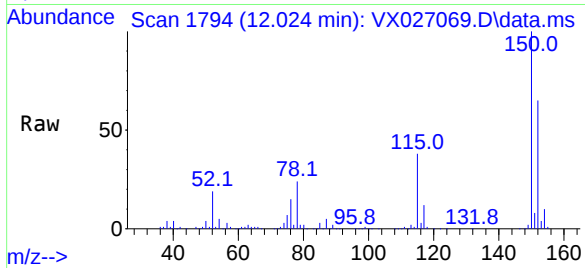




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027069.D
Acq: 17 Feb 2022 11:36

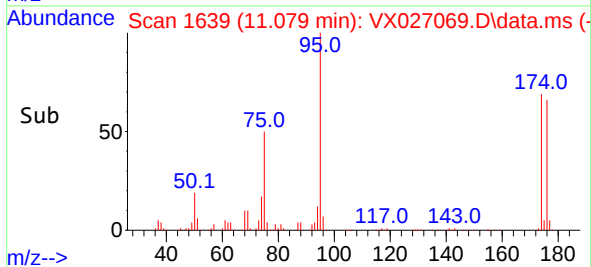
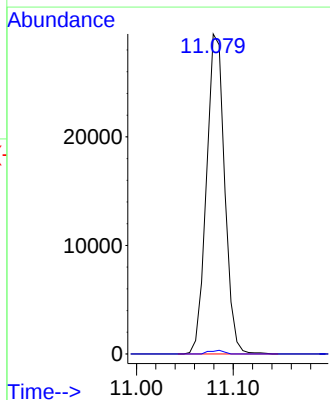
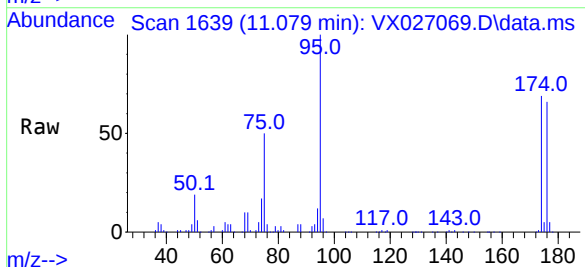
Instrument :
MSVOA_X
ClientSampleId :
VX0217WBL01

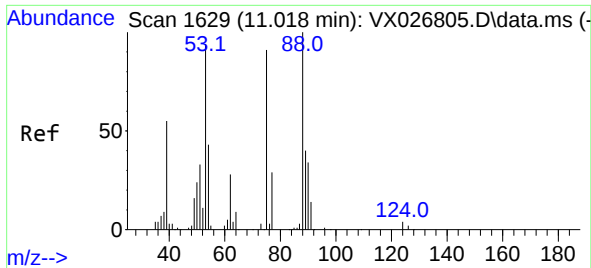
Tgt Ion:152 Resp: 71977
Ion Ratio Lower Upper
152 100
115 60.0 44.2 132.6
150 157.4 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 24.485 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX027069.D
Acq: 17 Feb 2022 11:36

Tgt Ion: 75 Resp: 38579
Ion Ratio Lower Upper
75 100
77 0.9 18.3 54.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 74.755 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX027069.D
Acq: 17 Feb 2022 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX0217WBL01

Tgt Ion: 75 Resp: 38579
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

