

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021622\
 Data File : VX027035.D
 Acq On : 15 Feb 2022 17:16
 Operator : JC/MD
 Sample : VX0216WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0216WBL01

Quant Time: Feb 16 04:06:38 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)

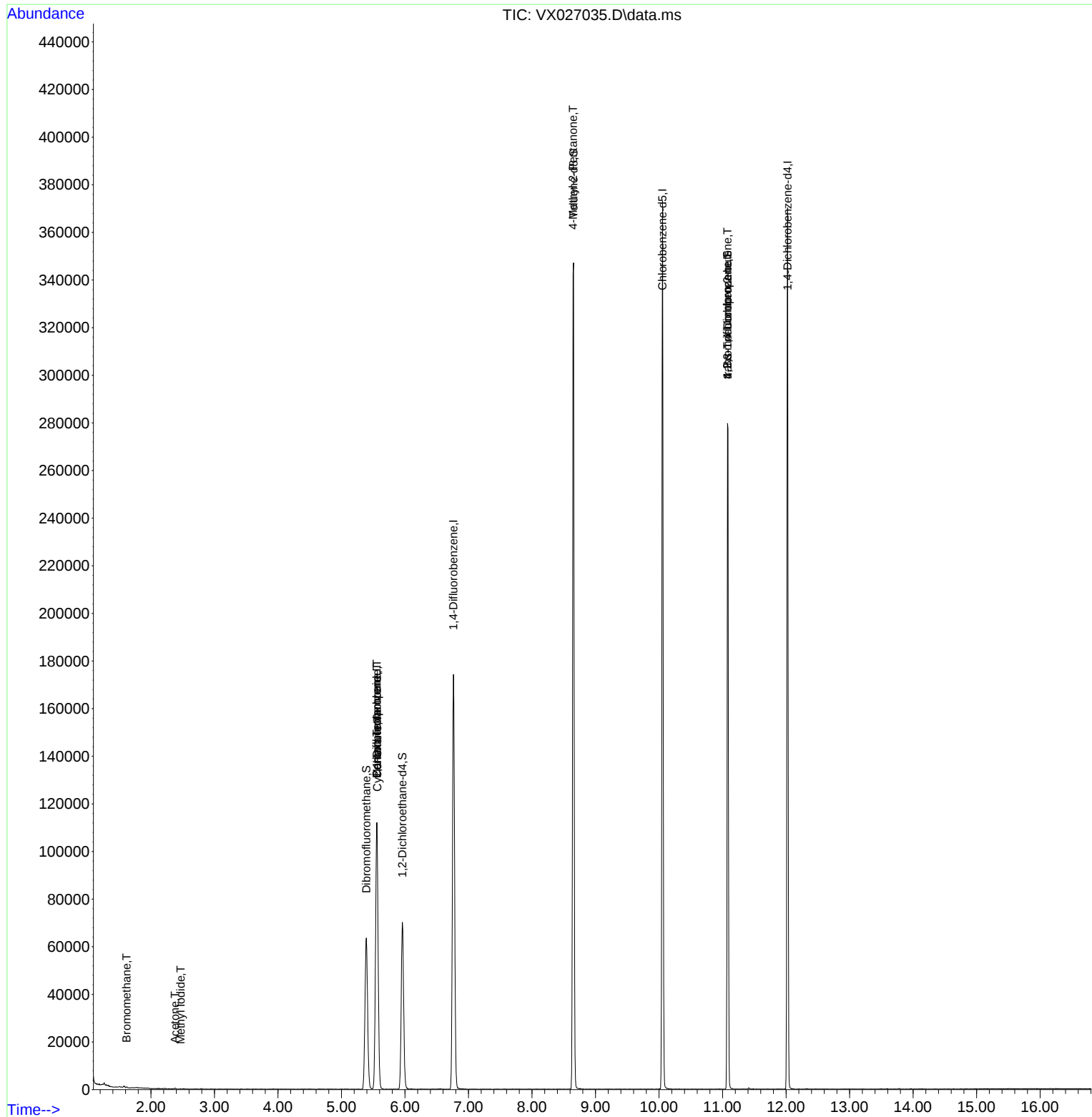
Internal Standards						
1) Pentafluorobenzene	5.556	168	105140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	179382	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68151	53.998	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.000%	
35) Dibromofluoromethane	5.391	113	55711	52.129	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.260%	
50) Toluene-d8	8.653	98	208453	53.136	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.280%	
62) 4-Bromofluorobenzene	11.079	95	80185	58.057	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 116.120%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	154	0.326	ug/l	87
10) Methyl Iodide	2.465	142	56	2.290	ug/l #	37
16) Acetone	2.380	43	409	0.738	ug/l #	87
31) Cyclohexane	5.562	56	2203	1.099	ug/l #	8
36) 1,1-Dichloropropene	5.556	75	8261	4.900	ug/l #	47
38) Carbon Tetrachloride	5.556	117	11060	6.256	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	859	0.481	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38918	23.417	ug/l #	41
81) trans-1,4-Dichloro-2-b...	11.079	75	38918	71.641	ug/l #	3

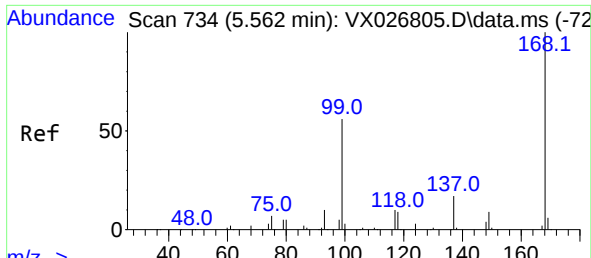
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021622\
Data File : VX027035.D
Acq On : 15 Feb 2022 17:16
Operator : JC/MD
Sample : VX0216WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBL01

Quant Time: Feb 16 04:06:38 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

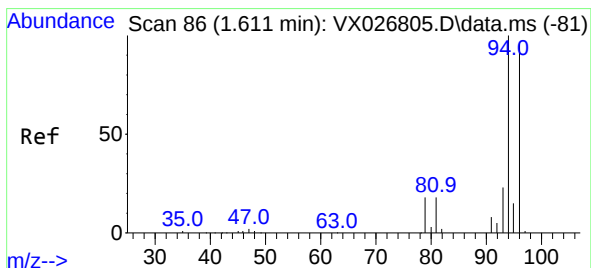
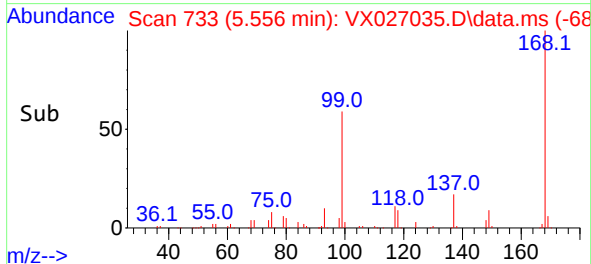
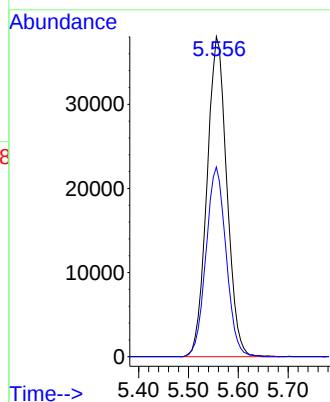
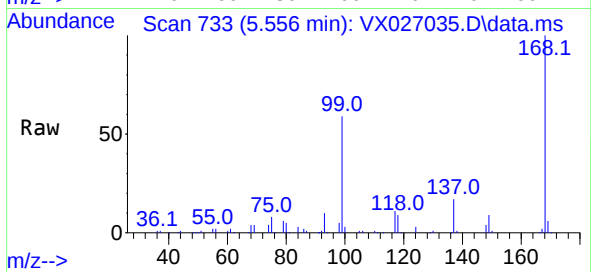




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027035.D
Acq: 15 Feb 2022 17:16

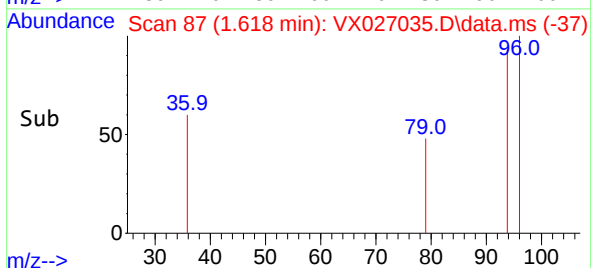
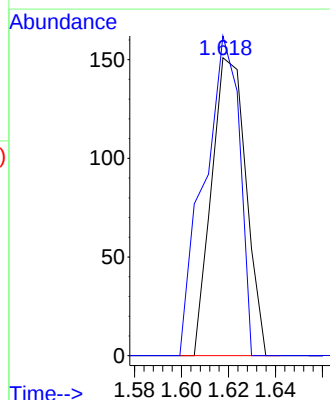
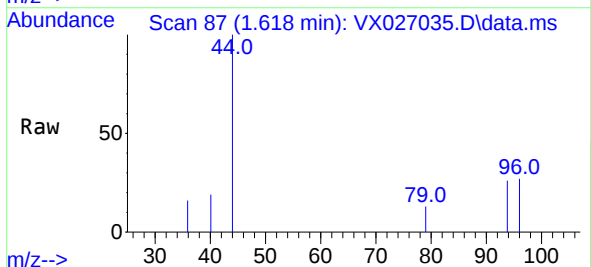
Instrument :
MSVOA_X
ClientSampleId :
VX0216WBL01

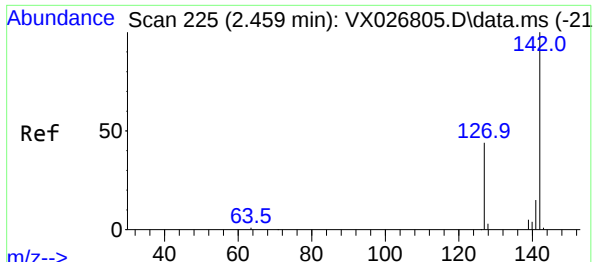
Tgt Ion:168 Resp: 105140
Ion Ratio Lower Upper
168 100
99 59.2 50.3 75.5



#5
Bromomethane
Concen: 0.326 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX027035.D
Acq: 15 Feb 2022 17:16

Tgt Ion: 94 Resp: 154
Ion Ratio Lower Upper
94 100
96 107.3 75.9 113.9

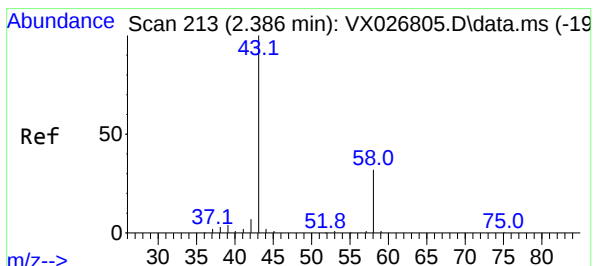
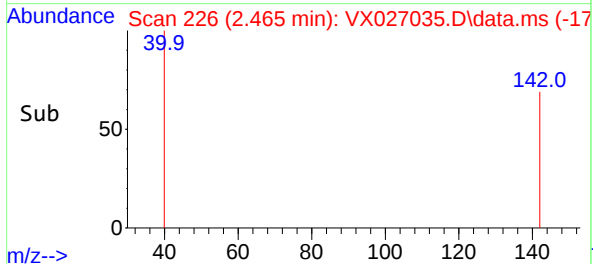
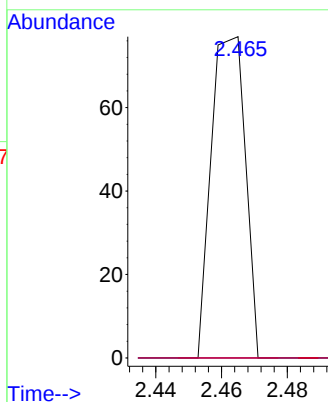
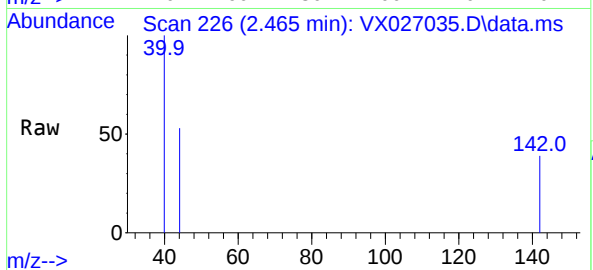




#10
Methyl Iodide
Concen: 2.290 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027035.D
Acq: 15 Feb 2022 17:16

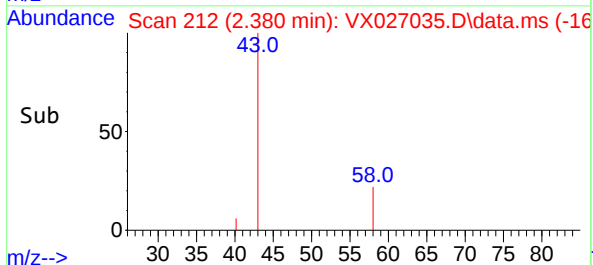
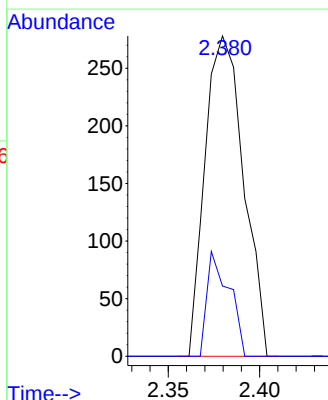
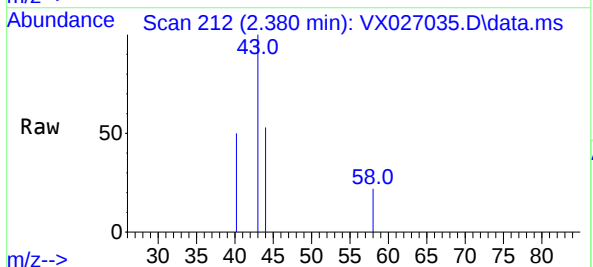
Instrument :
MSVOA_X
ClientSampleId :
VX0216WBL01

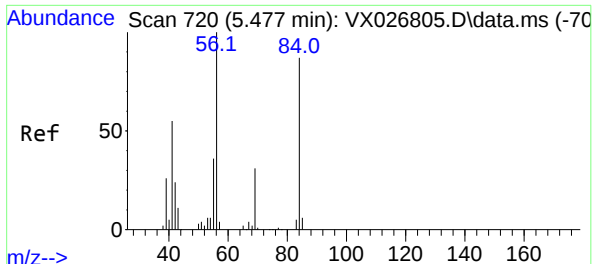
Tgt Ion:142 Resp: 56
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#



#16
Acetone
Concen: 0.738 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX027035.D
Acq: 15 Feb 2022 17:16

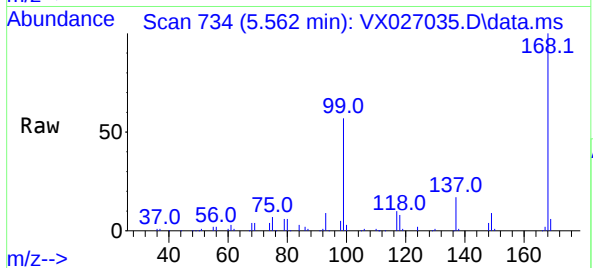
Tgt Ion: 43 Resp: 409
Ion Ratio Lower Upper
43 100
58 21.9 23.0 34.6#



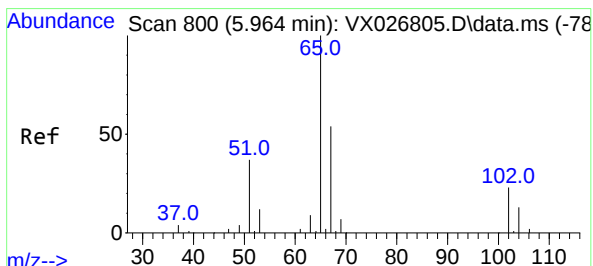
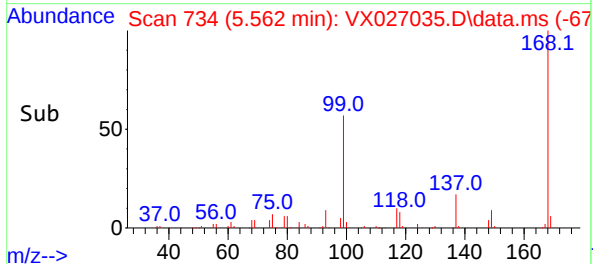
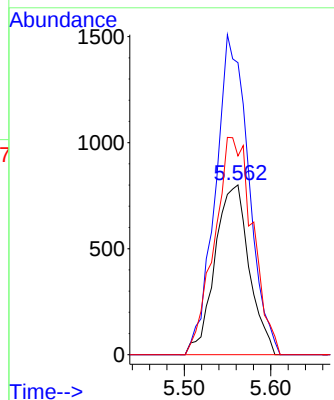


#31
Cyclohexane
Concen: 1.099 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX027035.D
Acq: 15 Feb 2022 17:16

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBL01

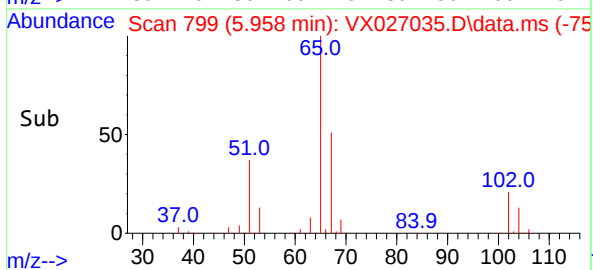
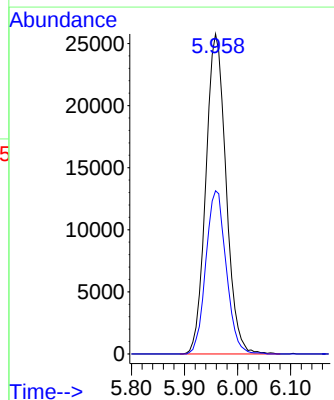
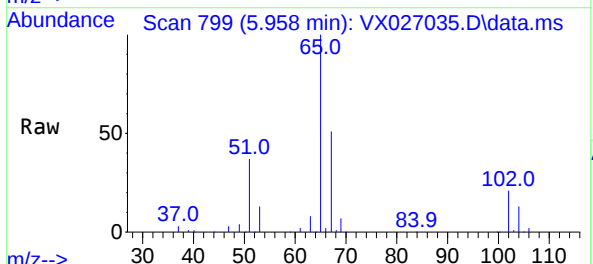


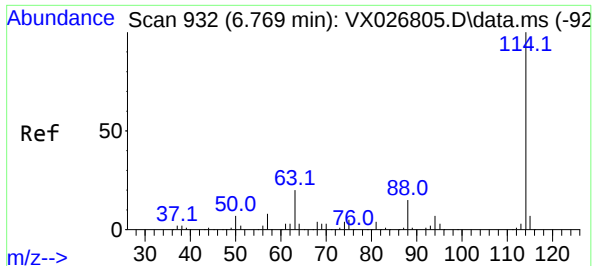
Tgt Ion: 56 Resp: 2203
Ion Ratio Lower Upper
56 100
69 171.9 25.8 38.6#
84 117.0 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 53.998 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027035.D
Acq: 15 Feb 2022 17:16

Tgt Ion: 65 Resp: 68151
Ion Ratio Lower Upper
65 100
67 51.3 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: VX027035.D

Acq: 15 Feb 2022 17:16

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBL01

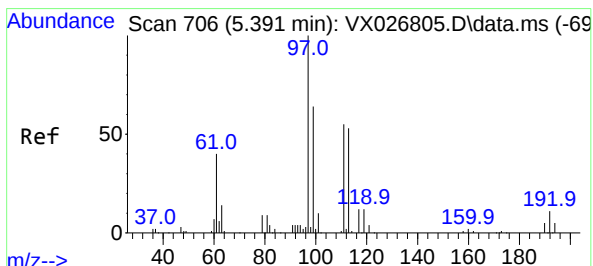
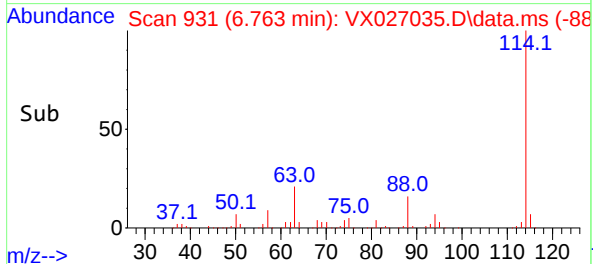
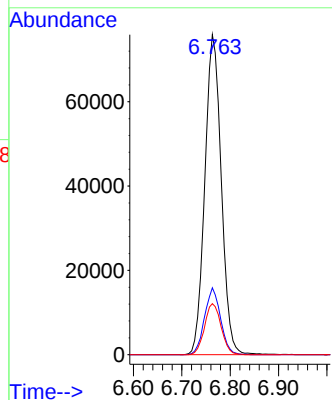
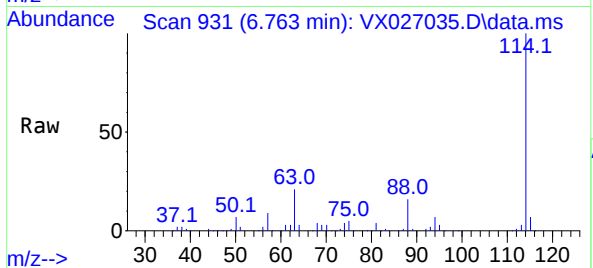
Tgt Ion:114 Resp: 179382

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.8

88 16.0 0.0 33.0



#35

Dibromofluoromethane

Concen: 52.129 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027035.D

Acq: 15 Feb 2022 17:16

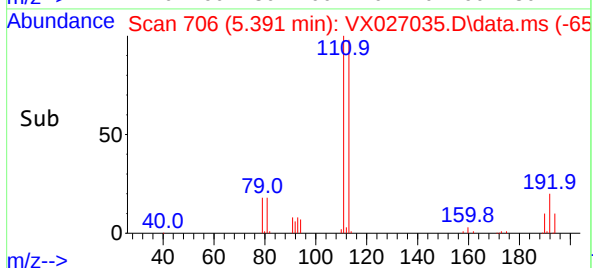
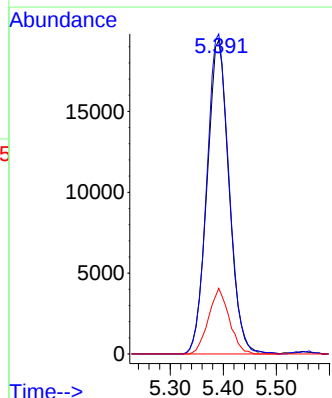
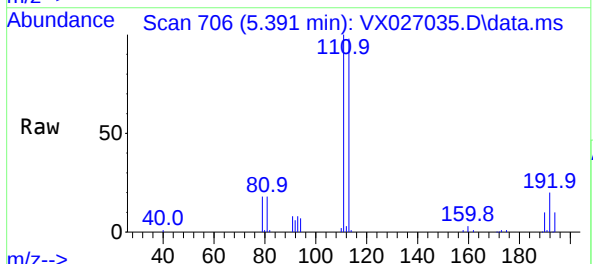
Tgt Ion:113 Resp: 55711

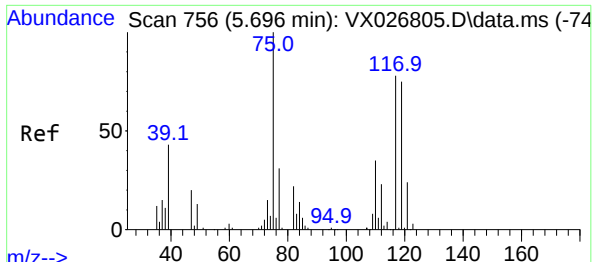
Ion Ratio Lower Upper

113 100

111 102.9 81.2 121.8

192 19.7 15.0 22.4

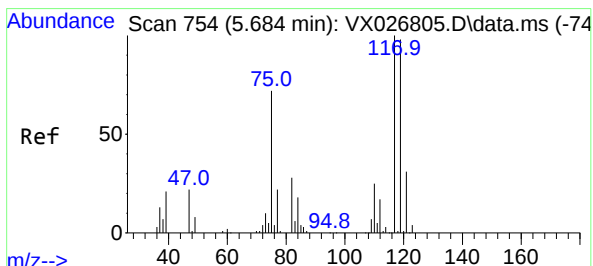
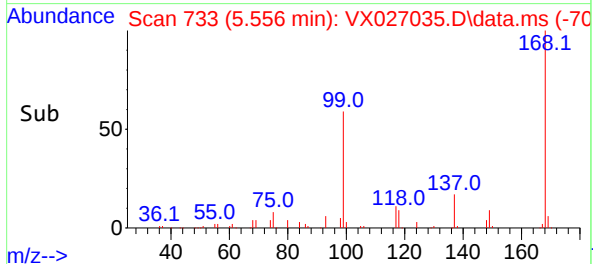
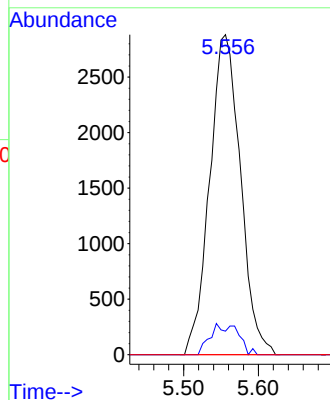
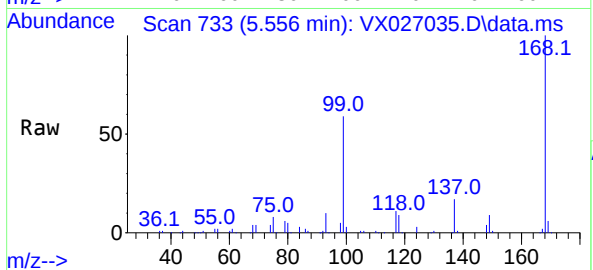




#36
1,1-Dichloropropene
Concen: 4.900 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX027035.D
Acq: 15 Feb 2022 17:16

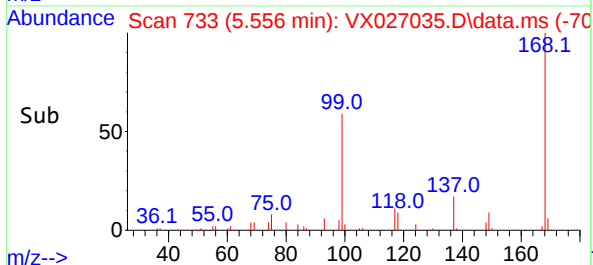
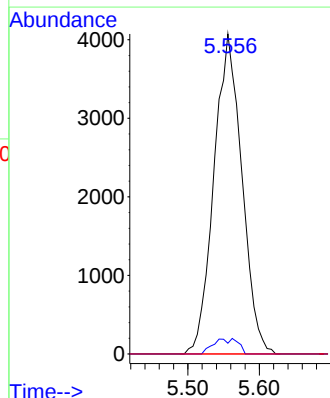
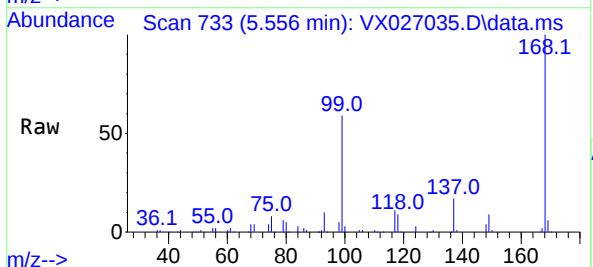
Instrument :
MSVOA_X
ClientSampleId :
VX0216WBL01

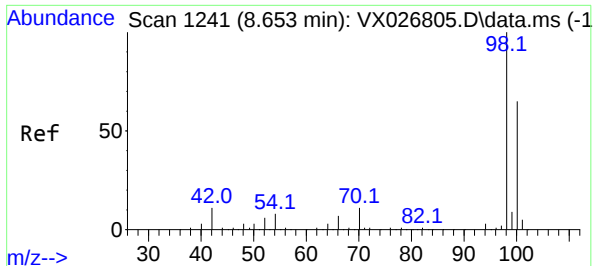
Tgt Ion: 75 Resp: 8261
Ion Ratio Lower Upper
75 100
110 4.9 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.256 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX027035.D
Acq: 15 Feb 2022 17:16

Tgt Ion: 117 Resp: 11060
Ion Ratio Lower Upper
117 100
119 3.4 74.7 112.1#
121 0.0 25.4 38.0#





#50

Toluene-d8

Concen: 53.136 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX027035.D

Acq: 15 Feb 2022 17:16

Instrument :

MSVOA_X

ClientSampleId :

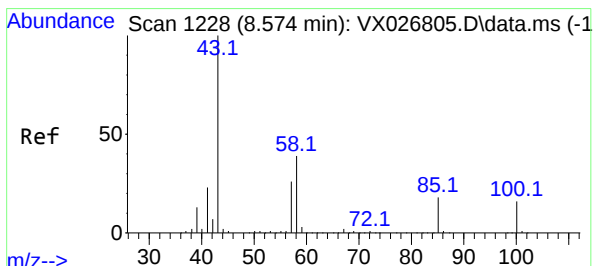
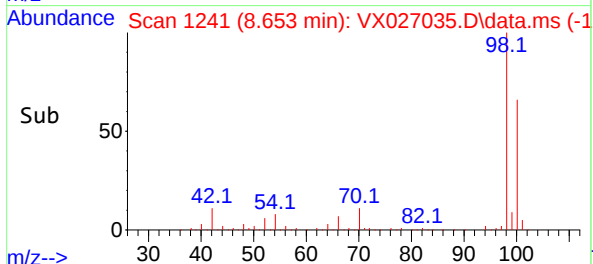
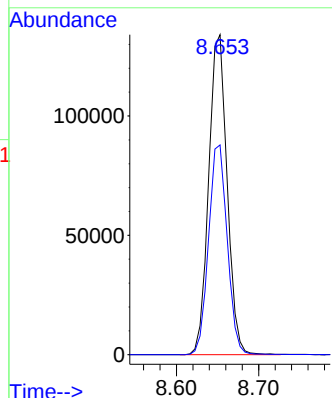
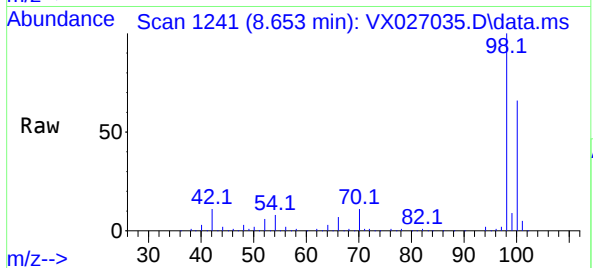
VX0216WBL01

Tgt Ion: 98 Resp: 208453

Ion Ratio Lower Upper

98 100

100 66.6 53.2 79.8



#51

4-Methyl-2-Pentanone

Concen: 0.481 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX027035.D

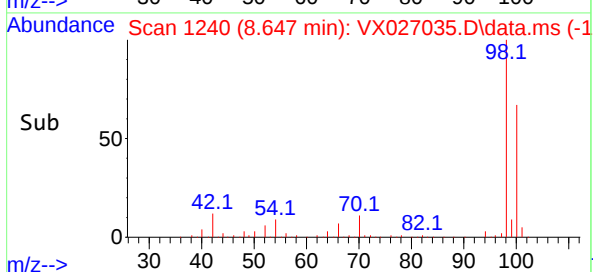
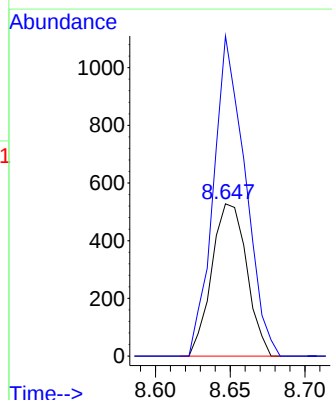
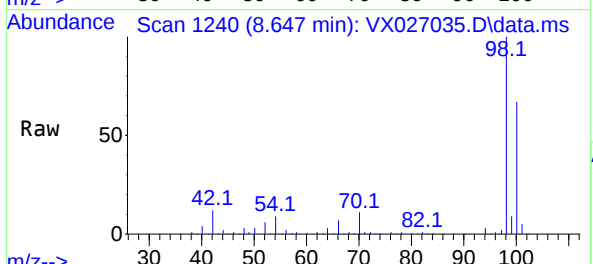
Acq: 15 Feb 2022 17:16

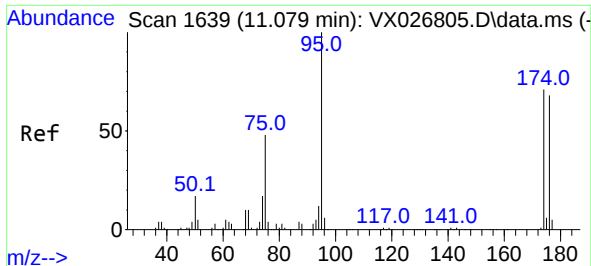
Tgt Ion: 43 Resp: 859

Ion Ratio Lower Upper

43 100

58 190.7 30.5 45.7#

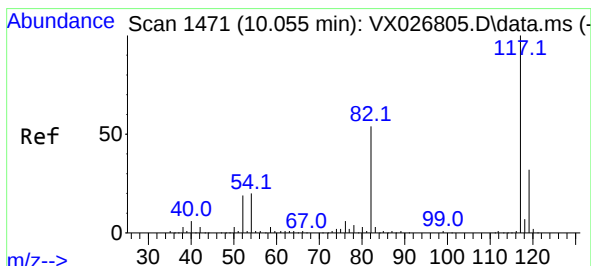
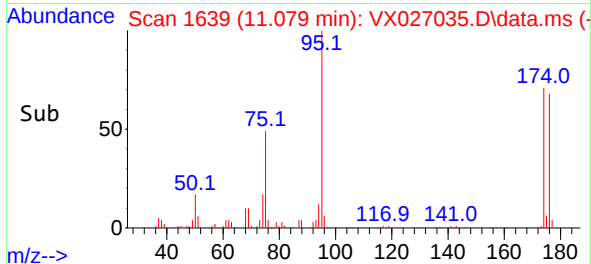
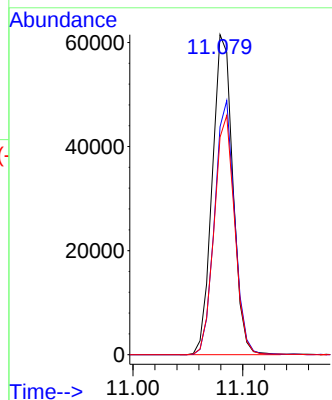
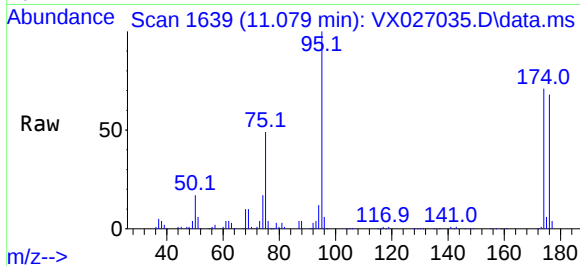




#62
4-Bromofluorobenzene
Concen: 58.057 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX027035.D
Acq: 15 Feb 2022 17:16

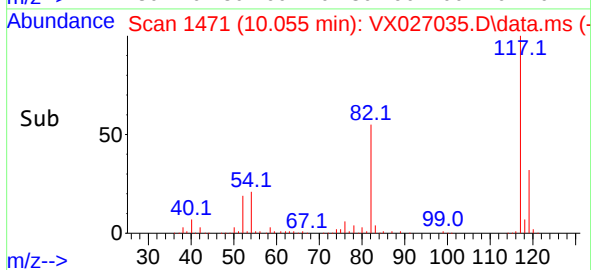
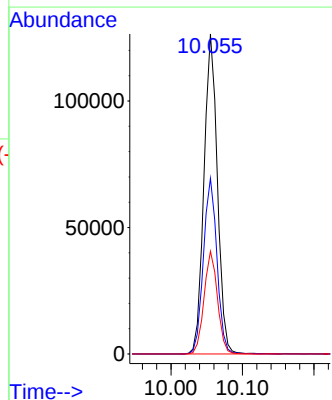
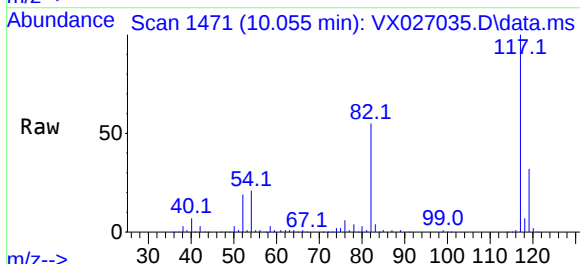
Instrument :
MSVOA_X
ClientSampleId :
VX0216WBL01

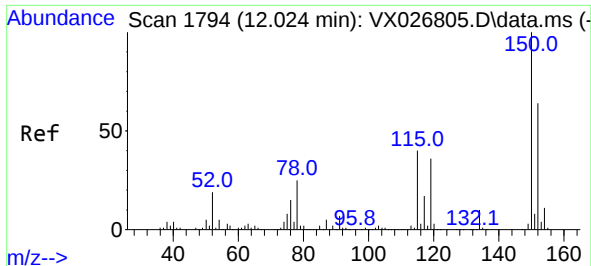
Tgt Ion: 95 Resp: 80185
Ion Ratio Lower Upper
95 100
174 77.5 0.0 148.6
176 74.1 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027035.D
Acq: 15 Feb 2022 17:16

Tgt Ion: 117 Resp: 165206
Ion Ratio Lower Upper
117 100
82 54.9 45.2 67.8
119 32.1 26.2 39.2

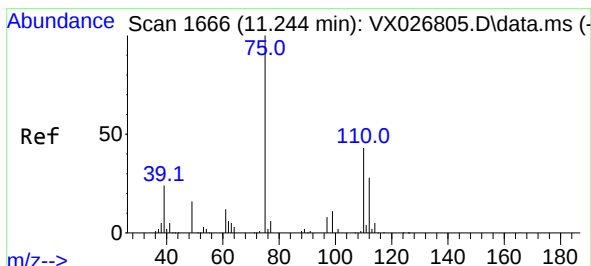
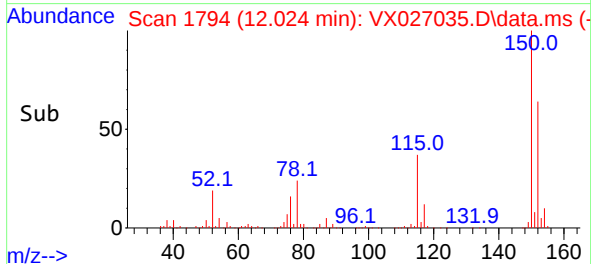
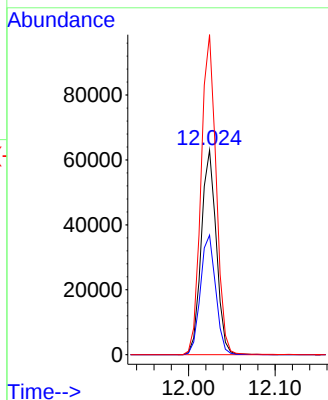
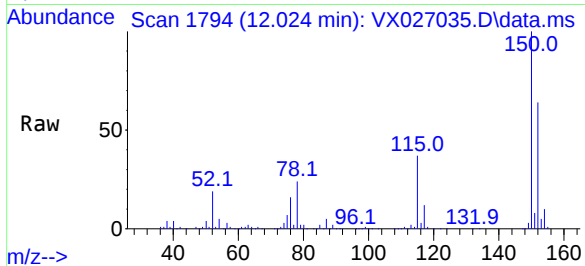




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027035.D
 Acq: 15 Feb 2022 17:16

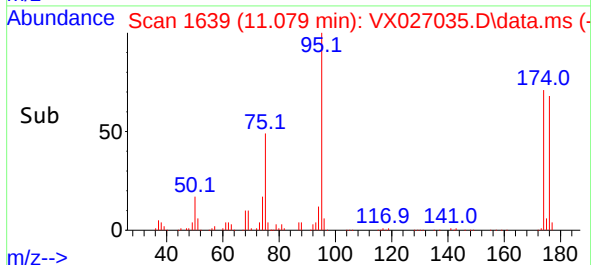
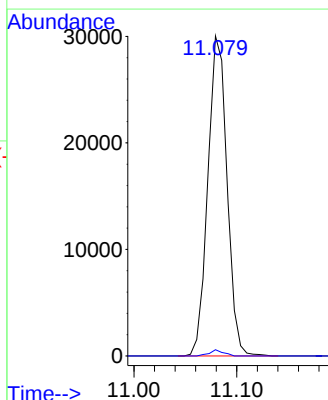
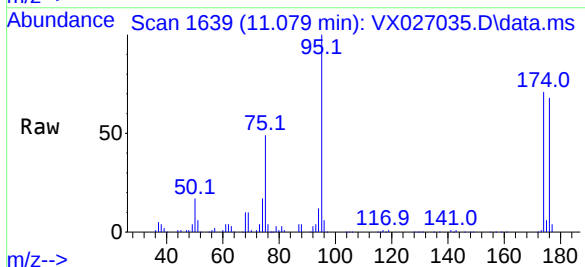
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0216WBL01

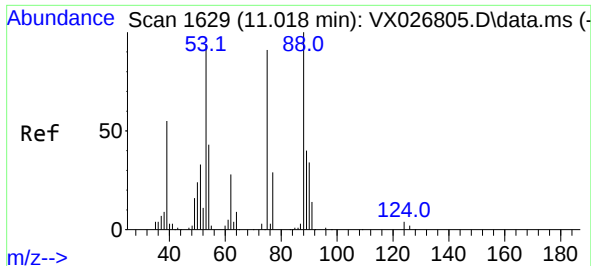
Tgt Ion:152 Resp: 75923
 Ion Ratio Lower Upper
 152 100
 115 59.5 44.2 132.6
 150 157.8 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 23.417 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX027035.D
 Acq: 15 Feb 2022 17:16

Tgt Ion: 75 Resp: 38918
 Ion Ratio Lower Upper
 75 100
 77 1.4 18.3 54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.641 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027035.D
 Acq: 15 Feb 2022 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0216WBL01

Tgt Ion: 75 Resp: 38918
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

