

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022222\
 Data File : VX027128.D
 Acq On : 22 Feb 2022 11:33
 Operator : JC/MD
 Sample : VX0222WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBL01

Quant Time: Feb 22 15:16:06 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)

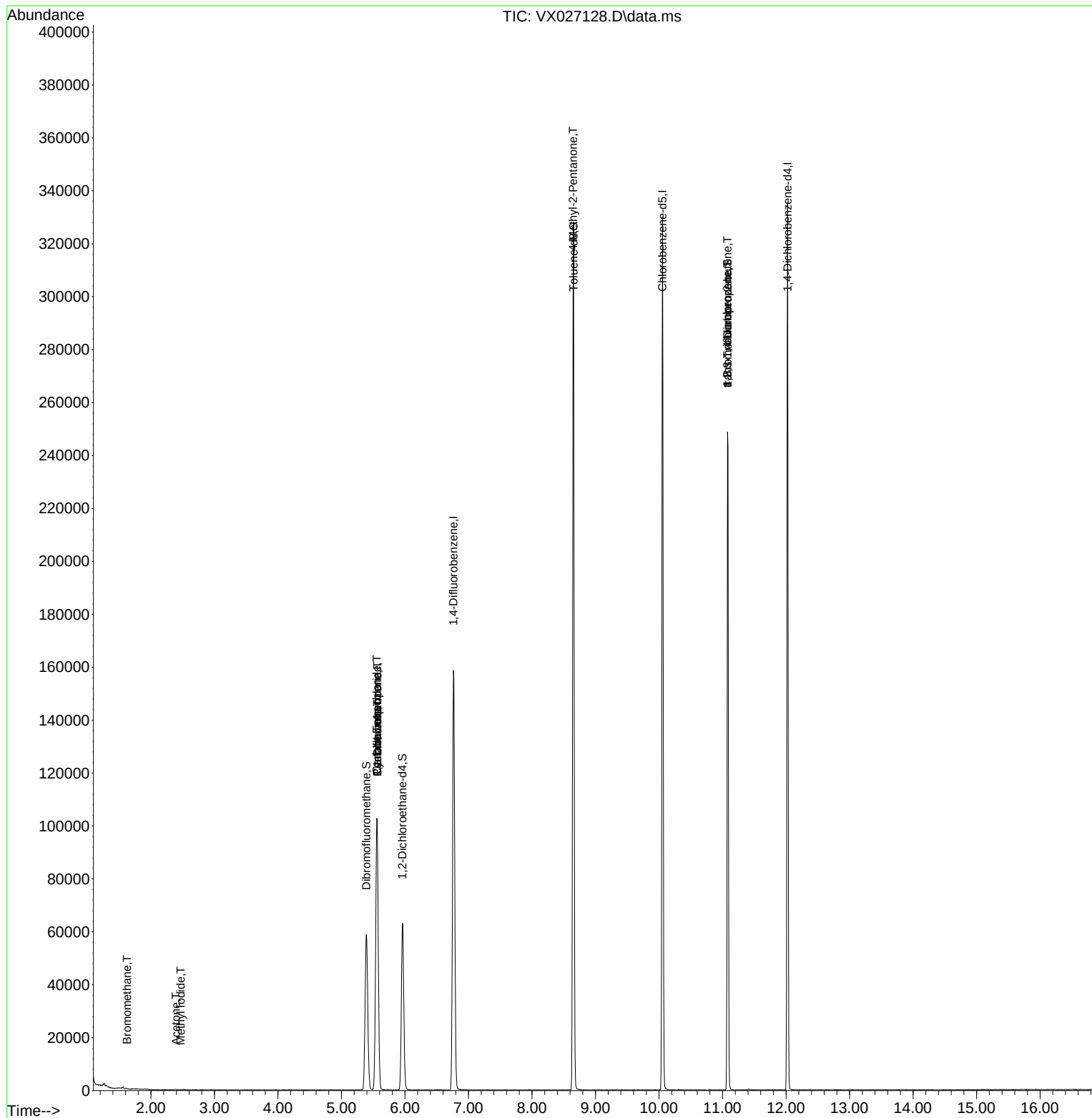
Internal Standards						
1) Pentafluorobenzene	5.562	168	100444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	168133	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60914	50.520	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.040%	
35) Dibromofluoromethane	5.391	113	53066	52.976	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.960%	
50) Toluene-d8	8.653	98	190786	51.887	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.780%	
62) 4-Bromofluorobenzene	11.079	95	71483	55.219	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.440%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	131	0.290	ug/l #	68
10) Methyl Iodide	2.465	142	159	2.361	ug/l #	37
16) Acetone	2.392	43	312	0.589	ug/l #	46
31) Cyclohexane	5.562	56	1881	0.982	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	7342	4.646	ug/l #	51
38) Carbon Tetrachloride	5.556	117	10110	6.101	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	746	0.446	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34777	22.834	ug/l #	41
81) trans-1,4-Dichloro-2-b...	11.079	75	34777	69.944	ug/l #	3

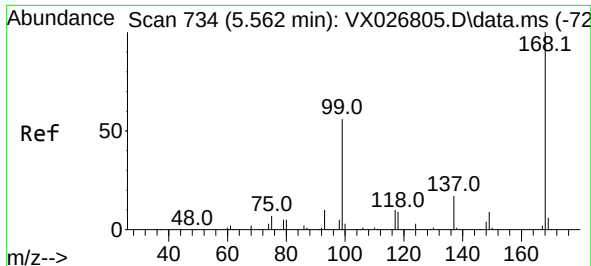
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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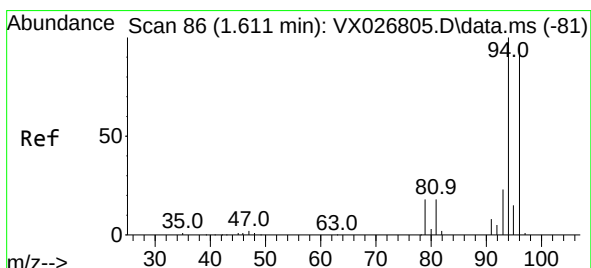
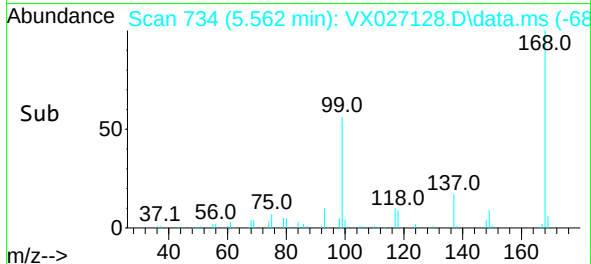
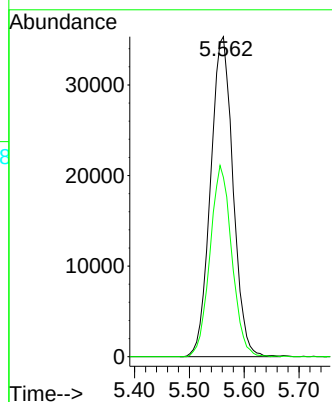
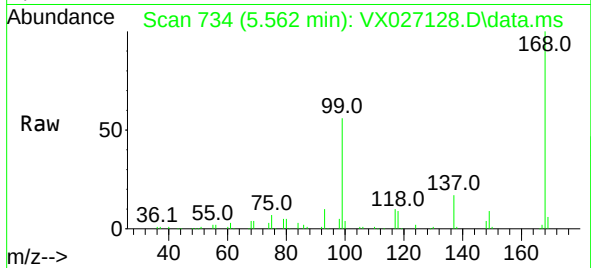




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027128.D
Acq: 22 Feb 2022 11:33

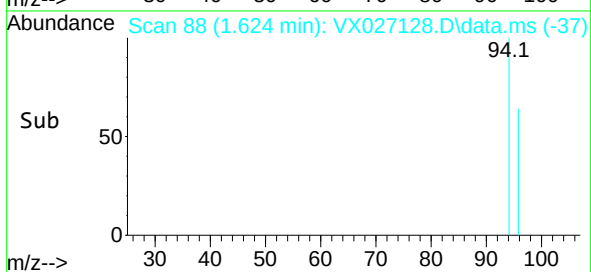
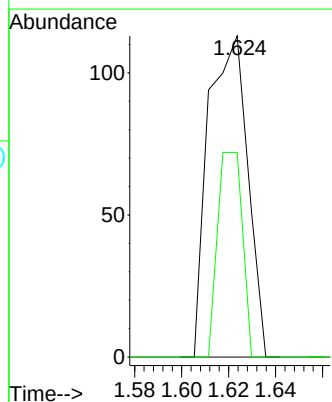
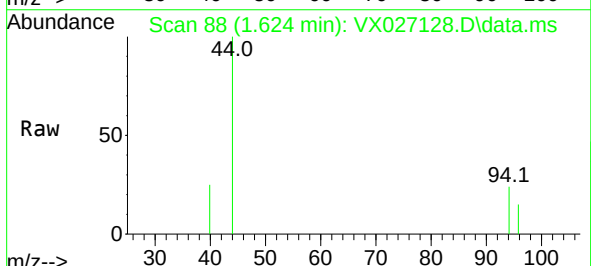
Instrument :
MSVOA_X
ClientSampleId :
VX0222WBL01

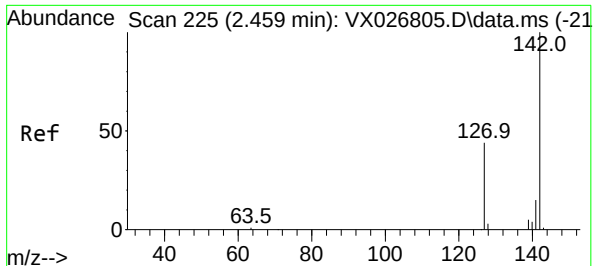
Tgt Ion:168 Resp: 100444
Ion Ratio Lower Upper
168 100
99 56.0 50.3 75.5



#5
Bromomethane
Concen: 0.290 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX027128.D
Acq: 22 Feb 2022 11:33

Tgt Ion: 94 Resp: 131
Ion Ratio Lower Upper
94 100
96 63.7 75.9 113.9#

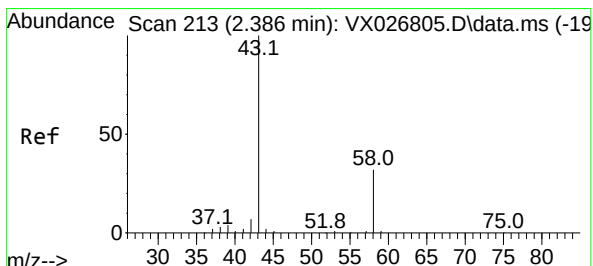
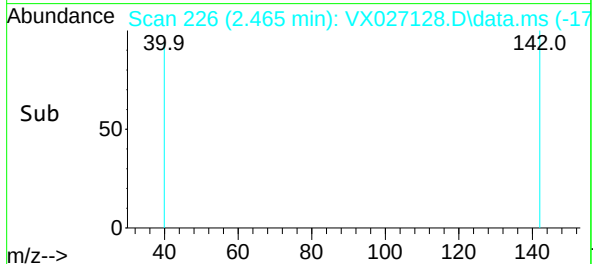
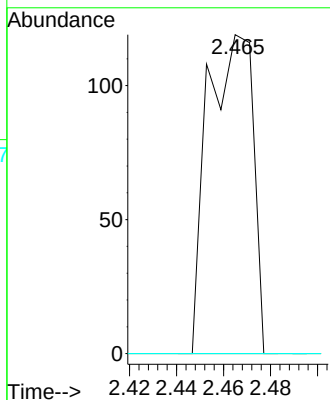
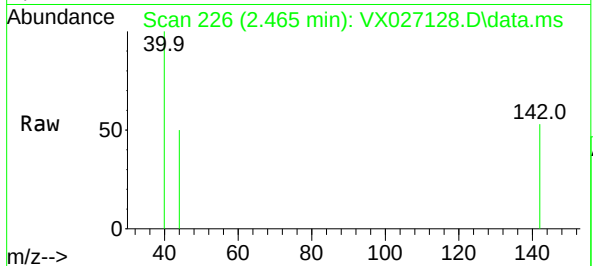




#10
Methyl Iodide
Concen: 2.361 ug/l
RT: 2.465 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX027128.D
Acq: 22 Feb 2022 11:33

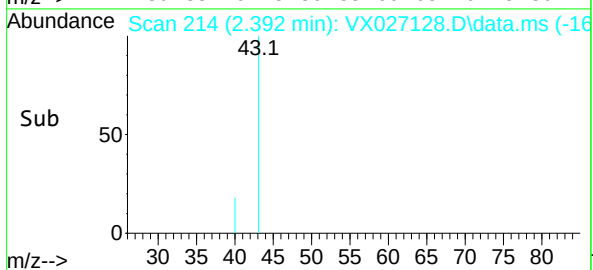
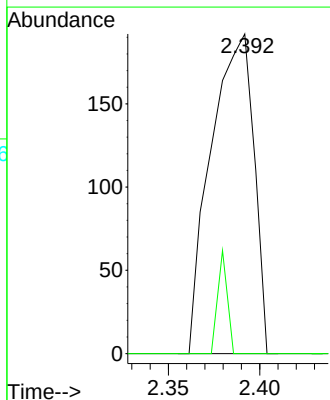
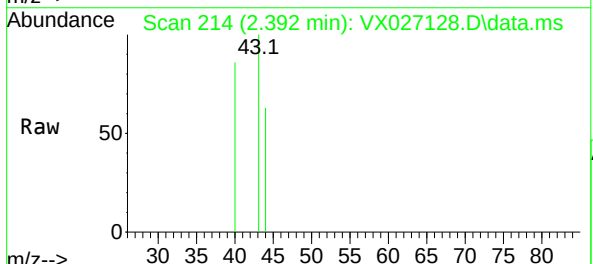
Instrument :
MSVOA_X
ClientSampleId :
VX0222WBL01

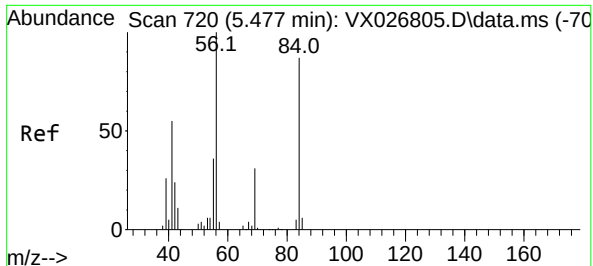
Tgt Ion:142 Resp: 159
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#



#16
Acetone
Concen: 0.589 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX027128.D
Acq: 22 Feb 2022 11:33

Tgt Ion: 43 Resp: 312
Ion Ratio Lower Upper
43 100
58 0.0 23.0 34.6#

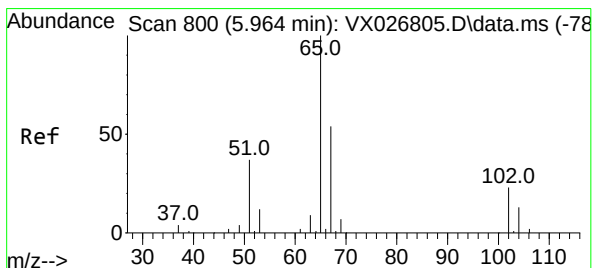
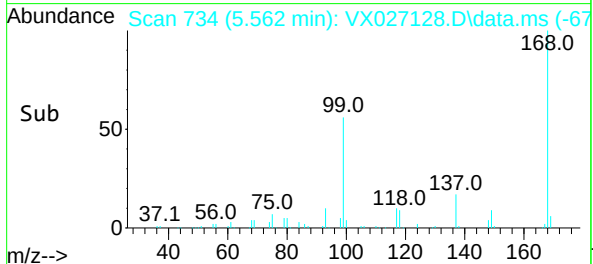
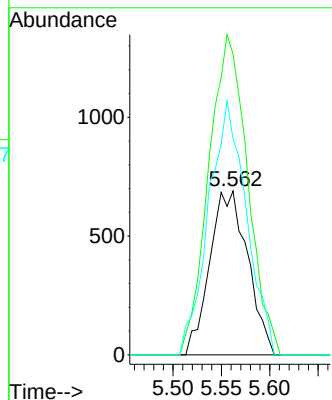
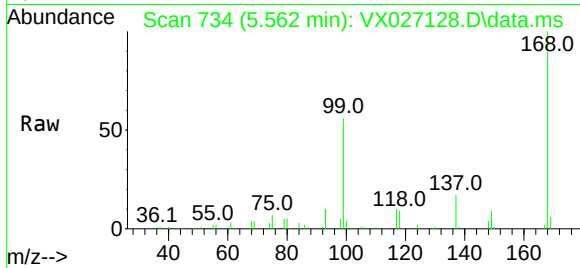




#31
Cyclohexane
Concen: 0.982 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.085 min
Lab File: VX027128.D
Acq: 22 Feb 2022 11:33

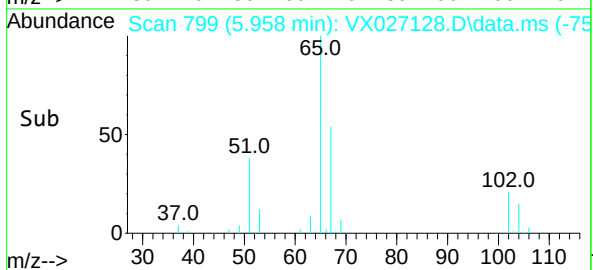
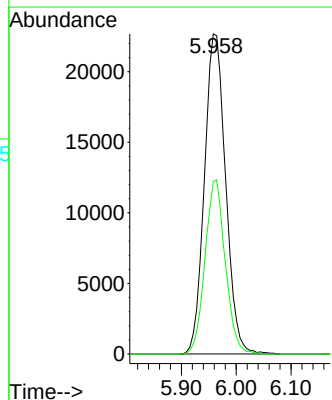
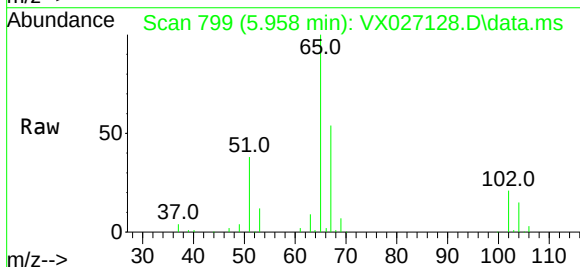
Instrument :
MSVOA_X
ClientSampleId :
VX0222WBL01

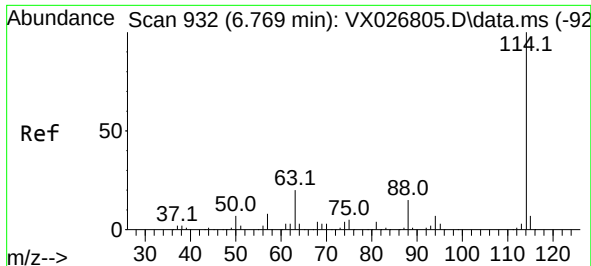
Tgt Ion: 56 Resp: 1881
Ion Ratio Lower Upper
56 100
69 183.6 25.8 38.6#
84 132.0 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 50.520 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027128.D
Acq: 22 Feb 2022 11:33

Tgt Ion: 65 Resp: 60914
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.8

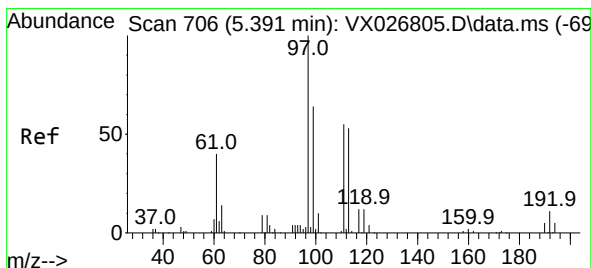
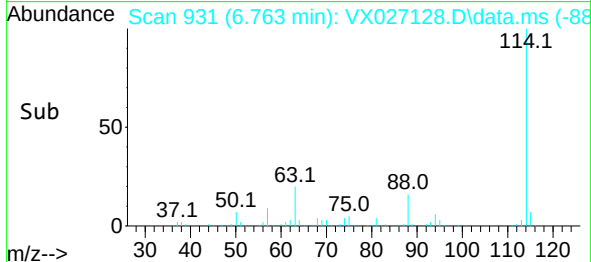
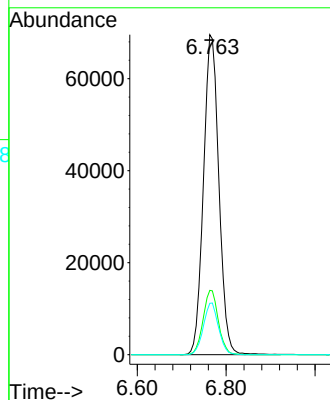
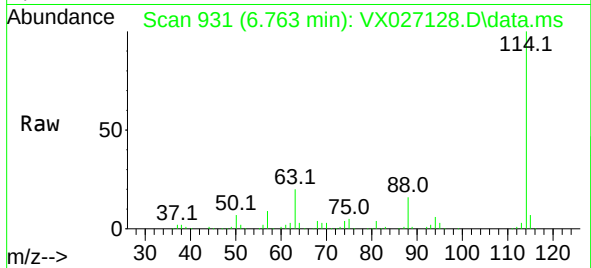




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX027128.D
Acq: 22 Feb 2022 11:33

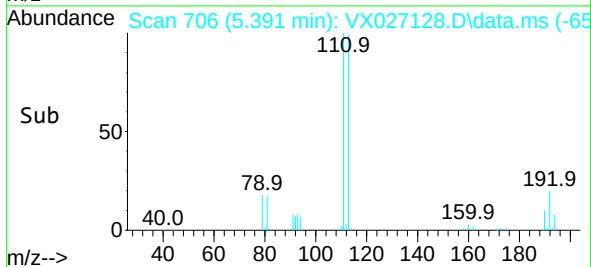
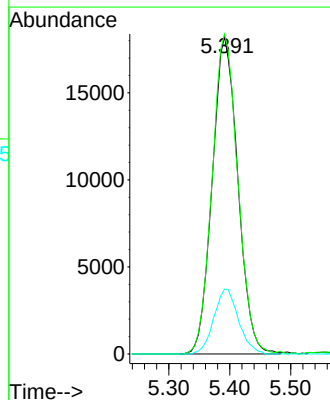
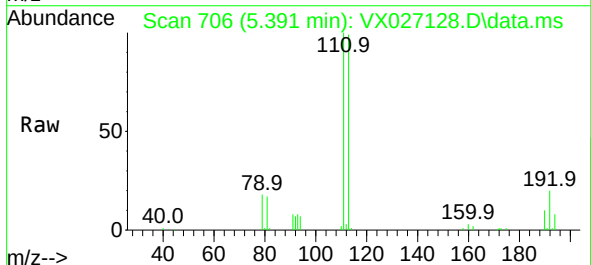
Instrument :
MSVOA_X
ClientSampleId :
VX0222WBL01

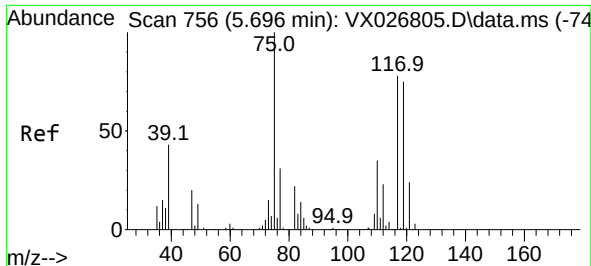
Tgt Ion:114 Resp: 168133
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.8
88 16.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 52.976 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027128.D
Acq: 22 Feb 2022 11:33

Tgt Ion:113 Resp: 53066
Ion Ratio Lower Upper
113 100
111 101.5 81.2 121.8
192 19.7 15.0 22.4

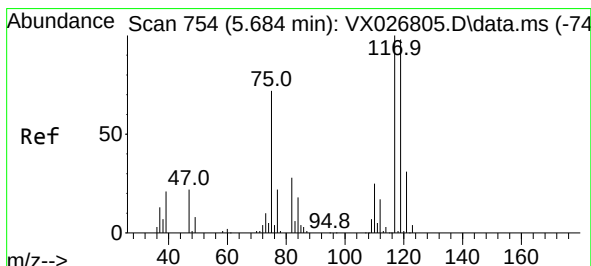
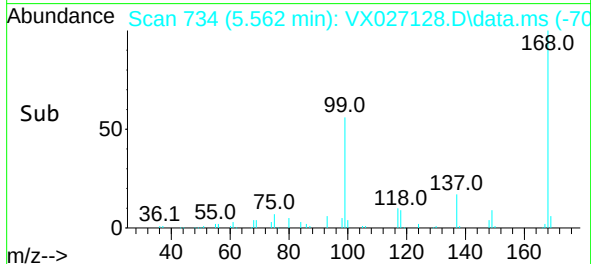
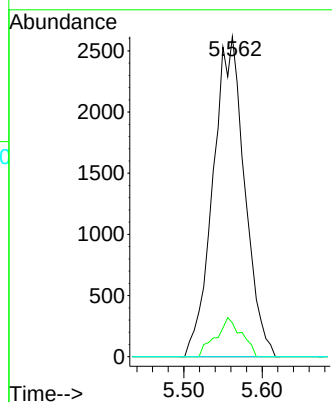
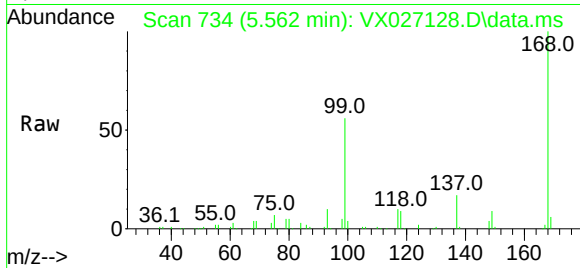




#36
1,1-Dichloropropene
Concen: 4.646 ug/l
RT: 5.562 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX027128.D
Acq: 22 Feb 2022 11:33

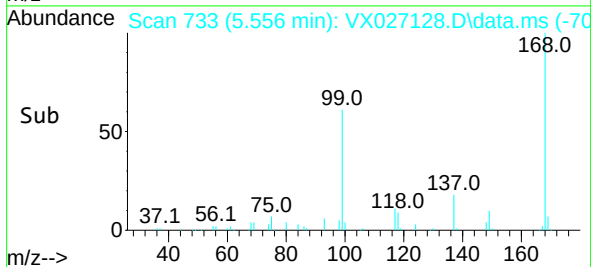
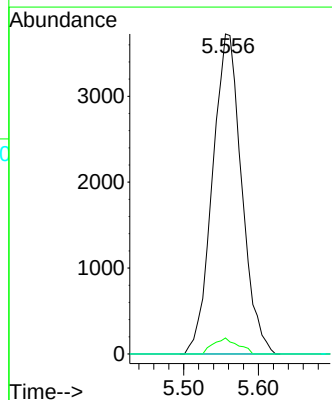
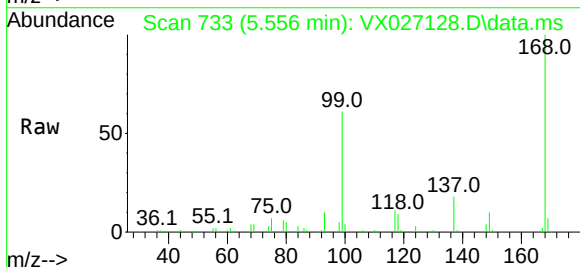
Instrument :
MSVOA_X
ClientSampleId :
VX0222WBL01

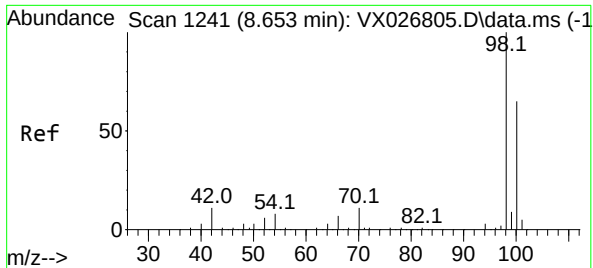
Tgt Ion: 75 Resp: 7342
Ion Ratio Lower Upper
75 100
110 9.9 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.101 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX027128.D
Acq: 22 Feb 2022 11:33

Tgt Ion: 117 Resp: 10110
Ion Ratio Lower Upper
117 100
119 5.0 74.7 112.1#
121 0.0 25.4 38.0#

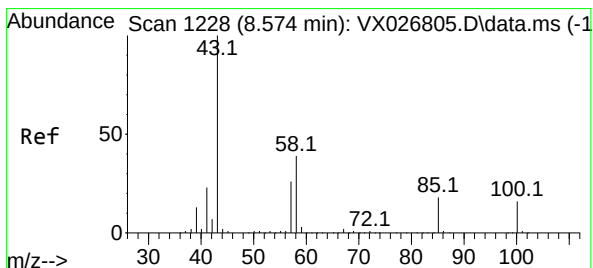
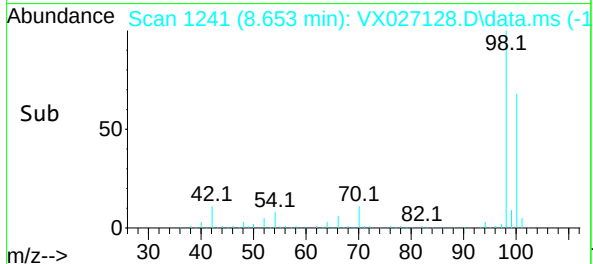
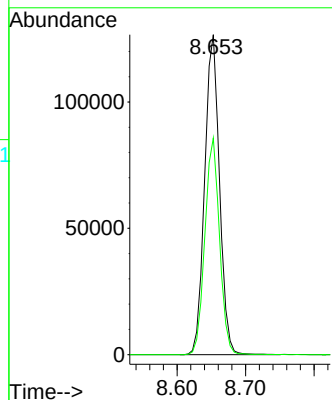
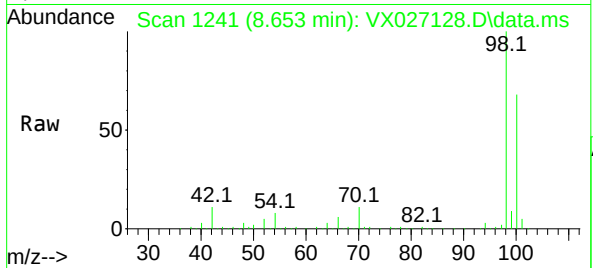




#50
Toluene-d8
Concen: 51.887 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027128.D
Acq: 22 Feb 2022 11:33

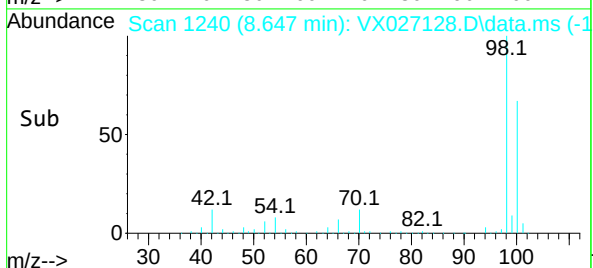
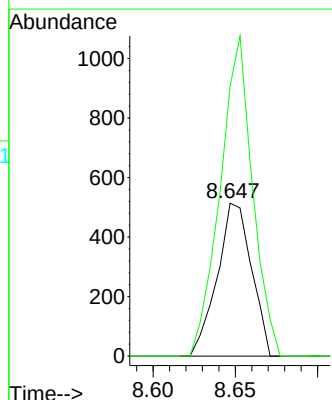
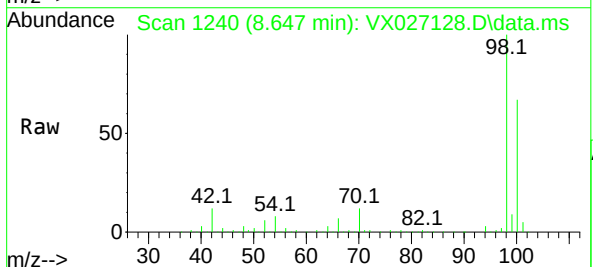
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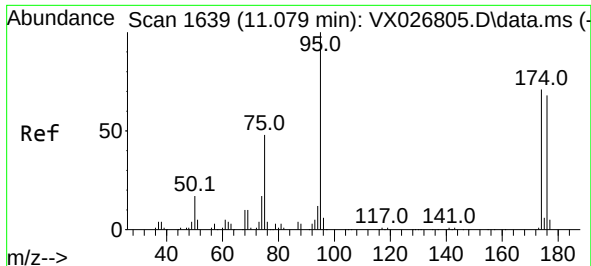
Tgt Ion: 98 Resp: 190786
Ion Ratio Lower Upper
98 100
100 67.0 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.446 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX027128.D
Acq: 22 Feb 2022 11:33

Tgt Ion: 43 Resp: 746
Ion Ratio Lower Upper
43 100
58 197.7 30.5 45.7#

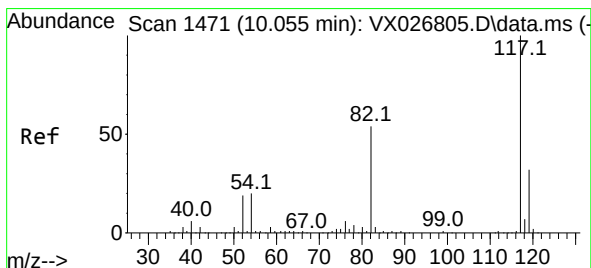
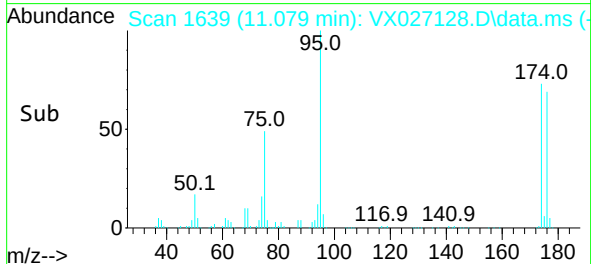
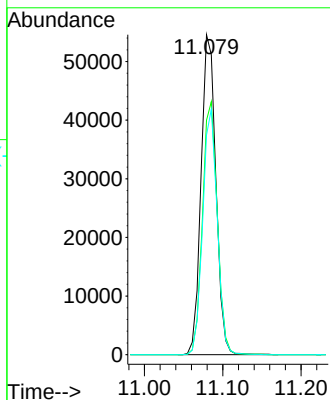
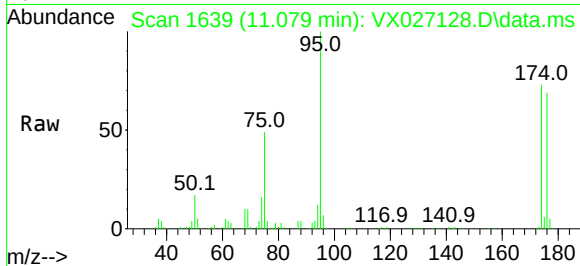




#62
4-Bromofluorobenzene
Concen: 55.219 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX027128.D
Acq: 22 Feb 2022 11:33

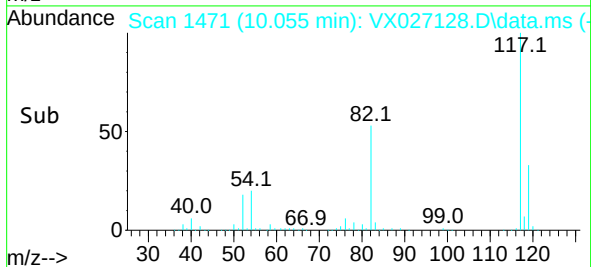
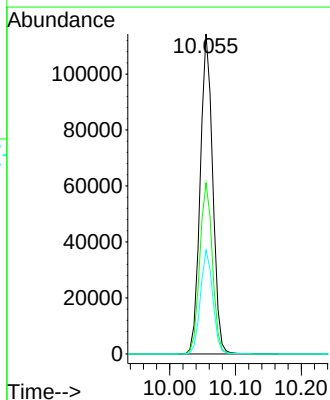
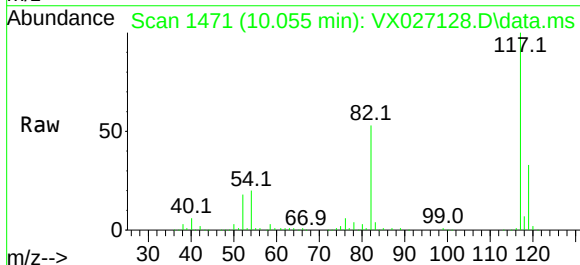
Instrument :
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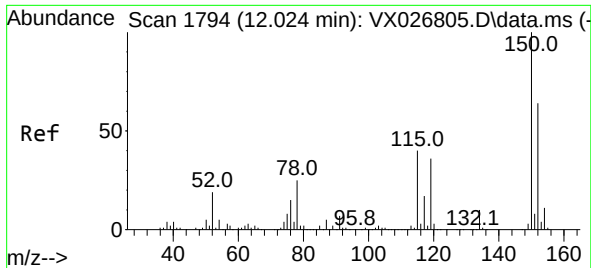
Tgt Ion: 95 Resp: 71483
Ion Ratio Lower Upper
95 100
174 79.0 0.0 148.6
176 75.5 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027128.D
Acq: 22 Feb 2022 11:33

Tgt Ion: 117 Resp: 150865
Ion Ratio Lower Upper
117 100
82 53.5 45.2 67.8
119 32.5 26.2 39.2

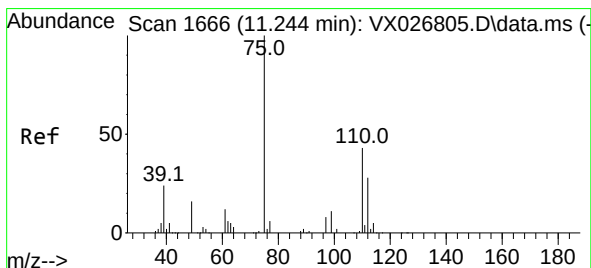
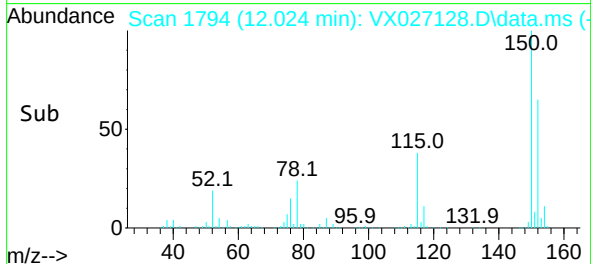
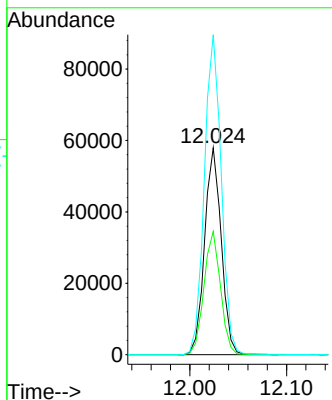
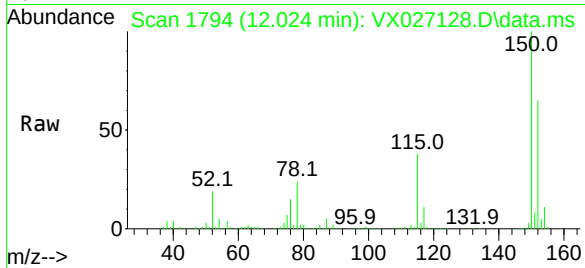




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027128.D
 Acq: 22 Feb 2022 11:33

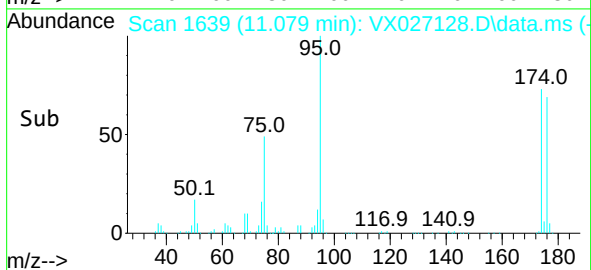
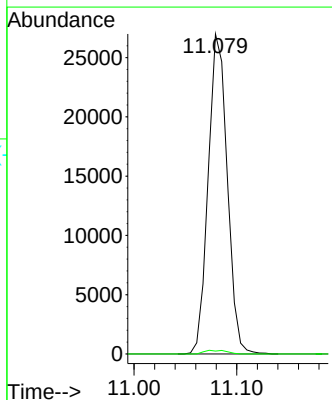
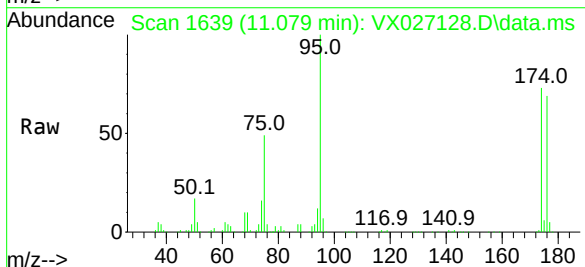
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBL01

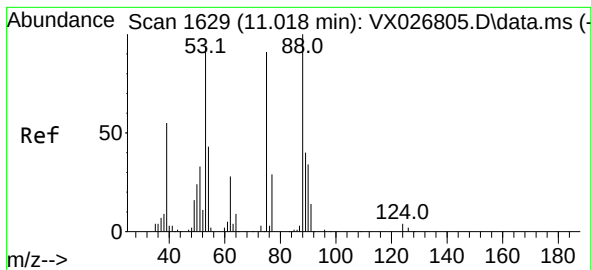
Tgt Ion:152 Resp: 69574
 Ion Ratio Lower Upper
 152 100
 115 59.2 44.2 132.6
 150 156.8 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 22.834 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX027128.D
 Acq: 22 Feb 2022 11:33

Tgt Ion: 75 Resp: 34777
 Ion Ratio Lower Upper
 75 100
 77 1.3 18.3 54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.944 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027128.D
 Acq: 22 Feb 2022 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBL01

Tgt Ion: 75 Resp: 34777
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

