

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022372.D
 Acq On : 03 Jun 2021 17:34
 Operator : JC/MD
 Sample : M2532-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AA2

Quant Time: Jun 04 03:53:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	63234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	135256	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44482	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55636	57.04	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.08%
35) Dibromofluoromethane	5.397	113	40807	47.58	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.16%
50) Toluene-d8	8.652	98	164446	49.77	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.54%
62) 4-Bromofluorobenzene	11.085	95	54781	44.86	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.72%

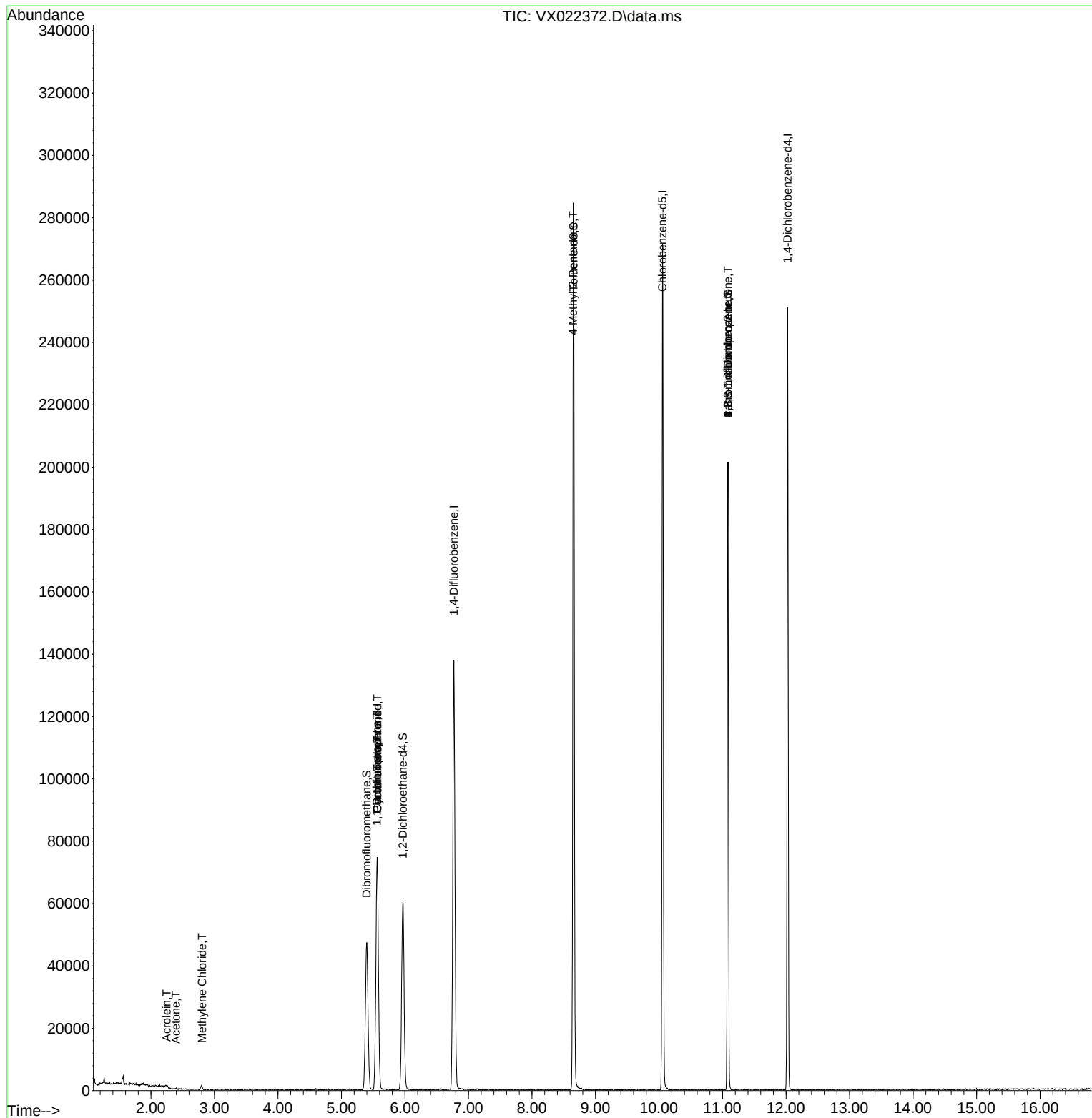
Target Compounds						Qvalue
13) Acrolein	2.245	56	58	0.39	ug/l #	75
16) Acetone	2.391	43	481	1.13	ug/l #	40
20) Methylene Chloride	2.806	84	565	0.60	ug/l #	65
31) Cyclohexane	5.562	56	1602	1.31	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	5960	4.77	ug/l #	46
38) Carbon Tetrachloride	5.562	117	7370	6.02	ug/l #	16
51) 4-Methyl-2-Pentanone	8.646	43	766	0.51	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	29055	26.48	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	29055	62.73	ug/l #	12

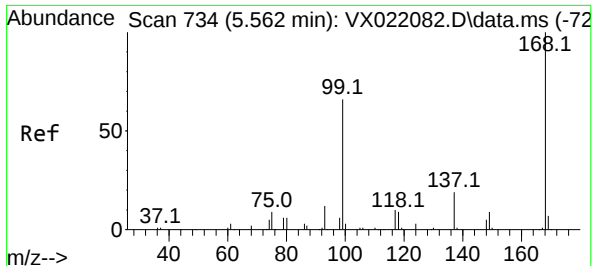
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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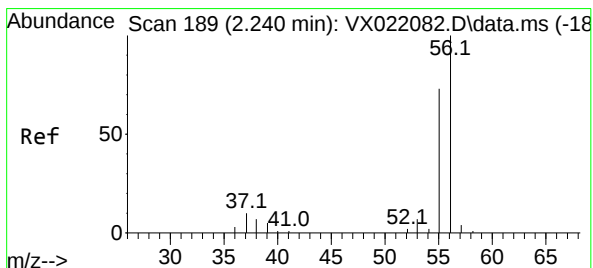
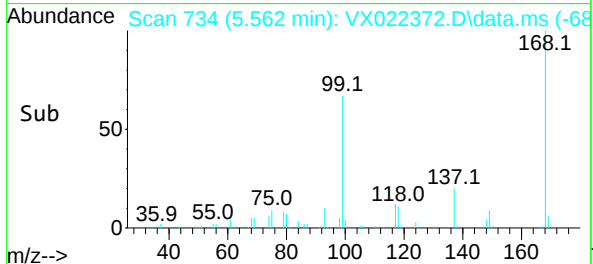
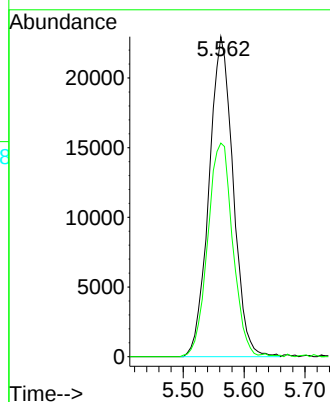
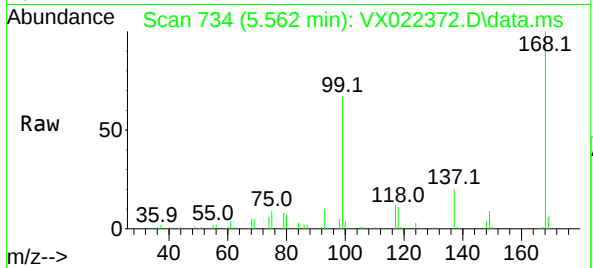




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022372.D
Acq: 03 Jun 2021 17:34

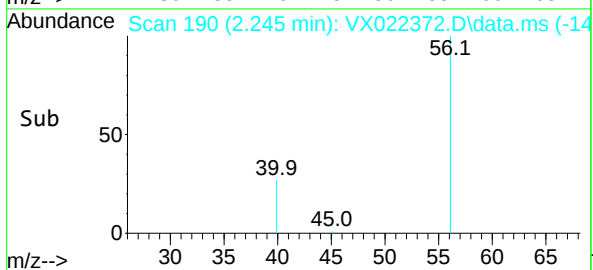
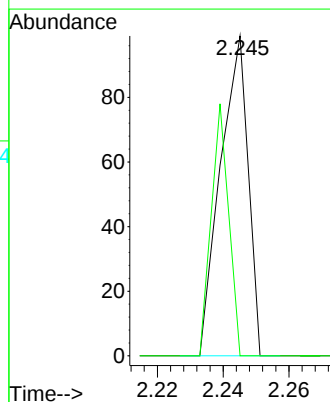
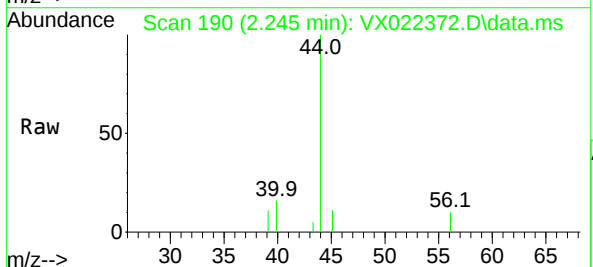
Instrument :
MSVOA_X
ClientSampleId :
C0AA2

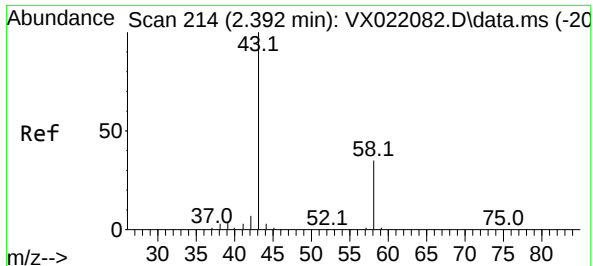
Tgt Ion:168 Resp: 63234
Ion Ratio Lower Upper
168 100
99 66.7 45.8 68.6



#13
Acrolein
Concen: 0.39 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.005 min
Lab File: VX022372.D
Acq: 03 Jun 2021 17:34

Tgt Ion: 56 Resp: 58
Ion Ratio Lower Upper
56 100
55 50.0 56.4 84.6#

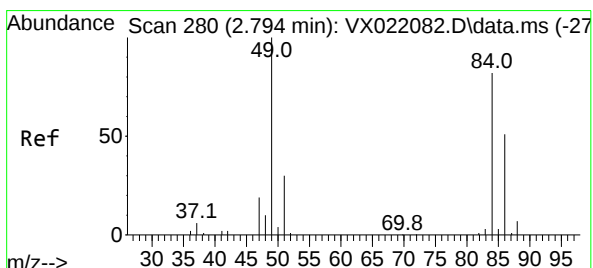
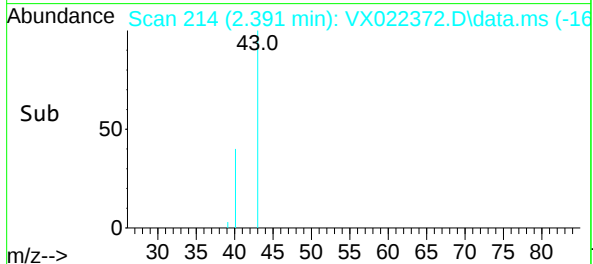
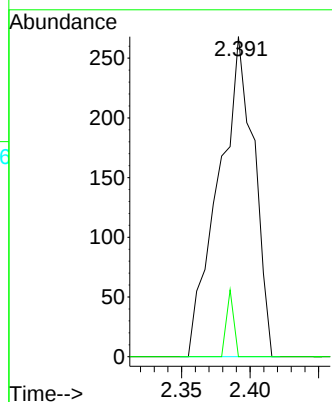
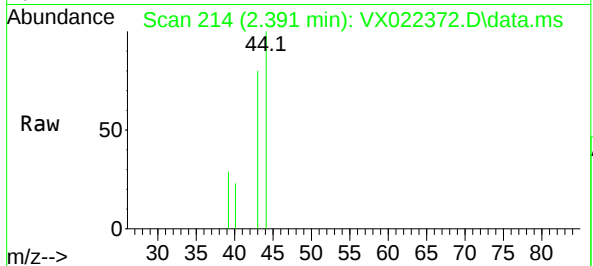




#16
Acetone
Concen: 1.13 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.001 min
Lab File: VX022372.D
Acq: 03 Jun 2021 17:34

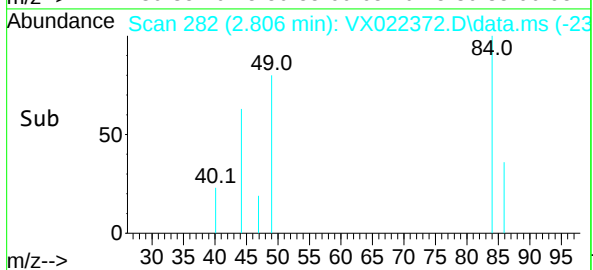
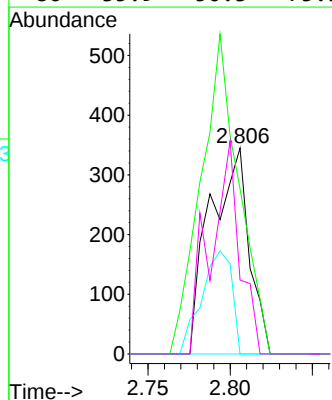
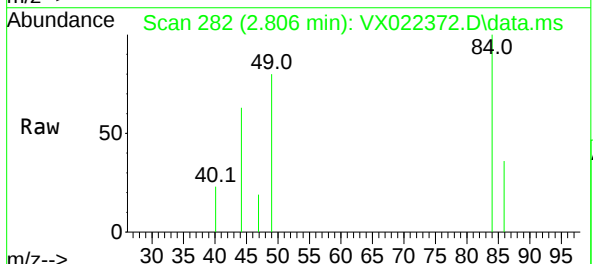
Instrument :
MSVOA_X
ClientSampleId :
C0AA2

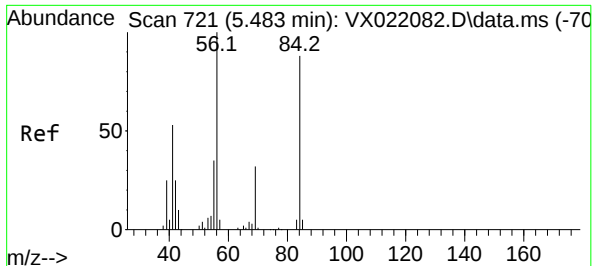
Tgt Ion: 43 Resp: 481
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#20
Methylene Chloride
Concen: 0.60 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.012 min
Lab File: VX022372.D
Acq: 03 Jun 2021 17:34

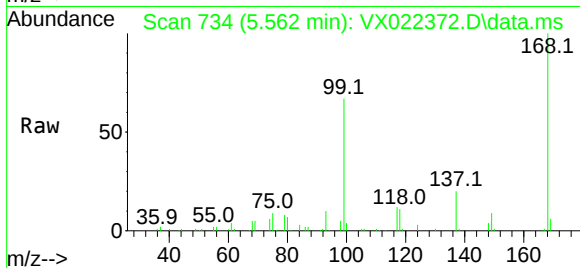
Tgt Ion: 84 Resp: 565
Ion Ratio Lower Upper
84 100
49 80.3 88.6 132.8#
51 0.0 27.0 40.6#
86 35.9 50.3 75.5#



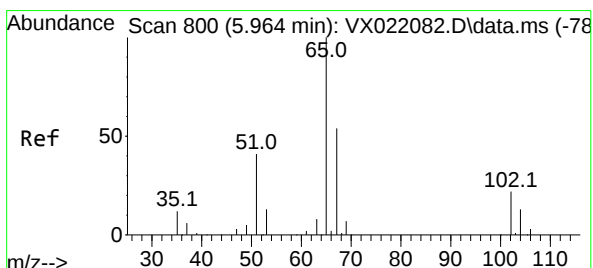
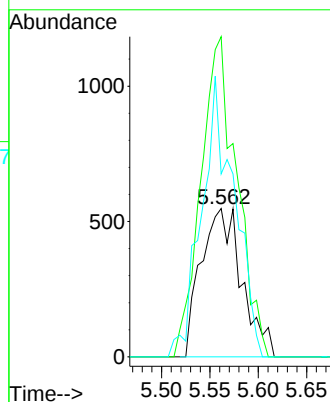
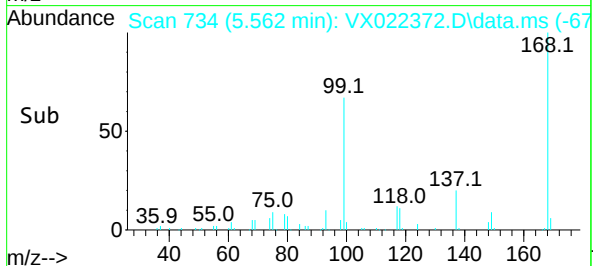


#31
Cyclohexane
Concen: 1.31 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022372.D
Acq: 03 Jun 2021 17:34

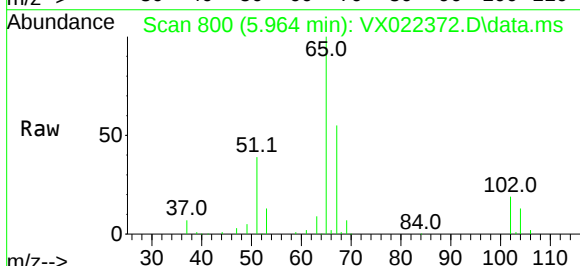
Instrument :
MSVOA_X
ClientSampleId :
C0AA2



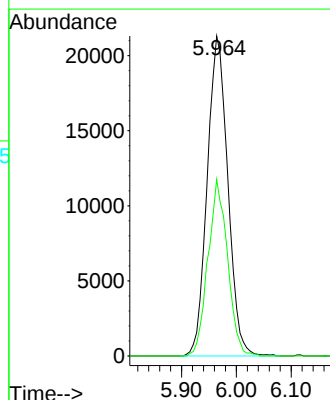
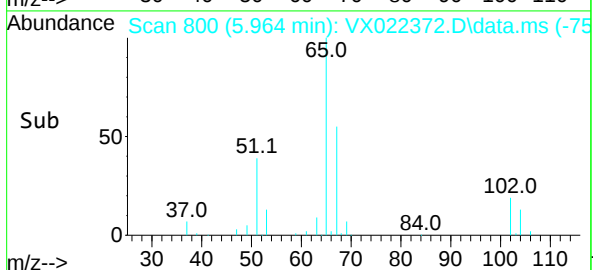
Tgt Ion: 56 Resp: 1602
Ion Ratio Lower Upper
56 100
69 215.9 25.3 37.9#
84 123.4 71.4 107.0#

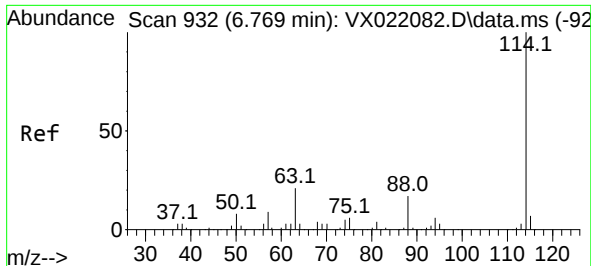


#33
1,2-Dichloroethane-d4
Concen: 57.04 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX022372.D
Acq: 03 Jun 2021 17:34



Tgt Ion: 65 Resp: 55636
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4

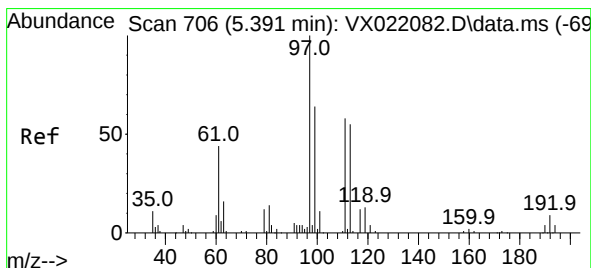
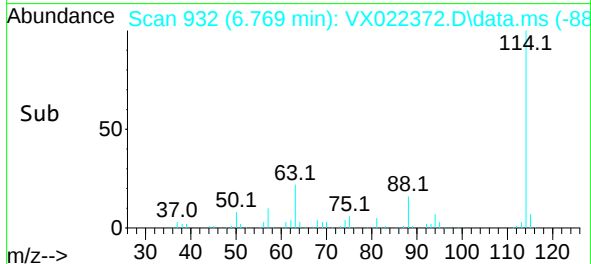
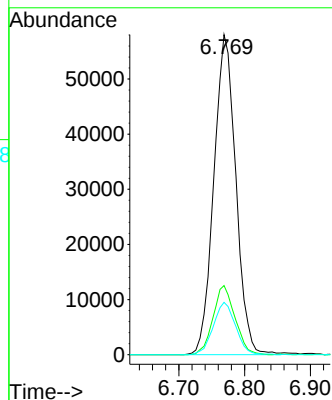
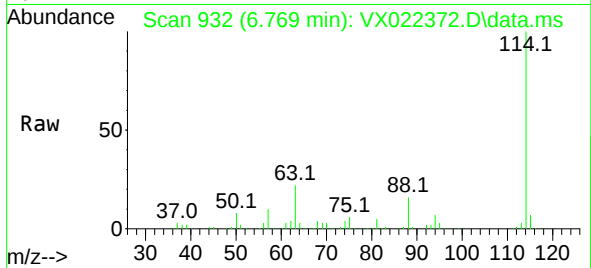




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022372.D
Acq: 03 Jun 2021 17:34

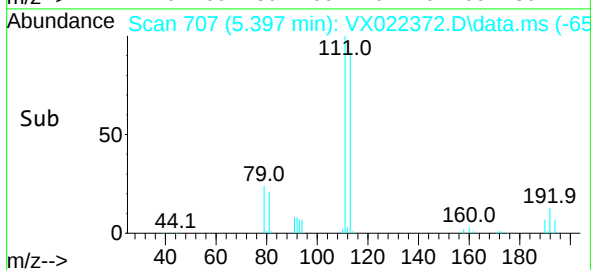
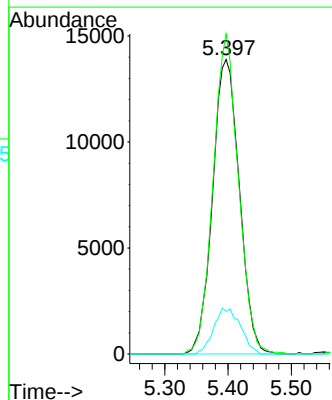
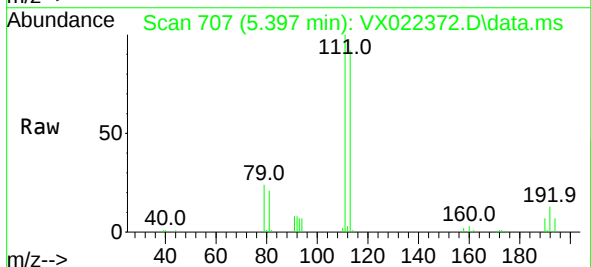
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ClientSampleId :
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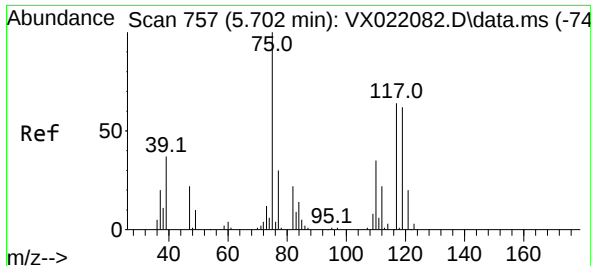
Tgt Ion:114 Resp: 135256
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.58 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022372.D
Acq: 03 Jun 2021 17:34

Tgt Ion:113 Resp: 40807
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 15.6 16.7 25.1#

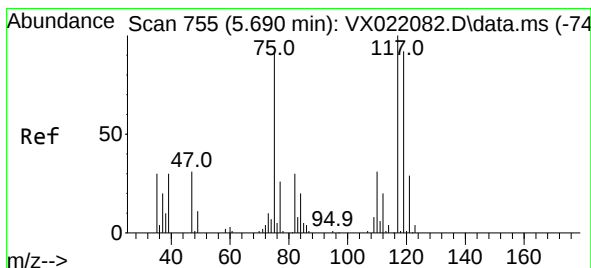
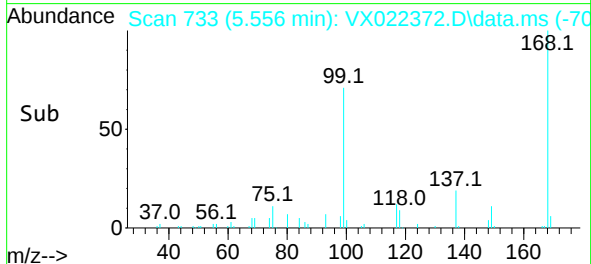
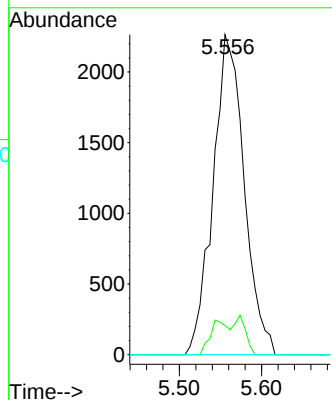
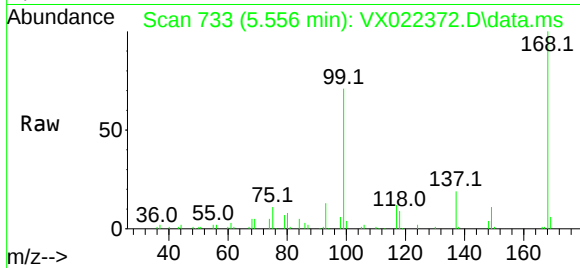




#36
1,1-Dichloropropene
Concen: 4.77 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022372.D
Acq: 03 Jun 2021 17:34

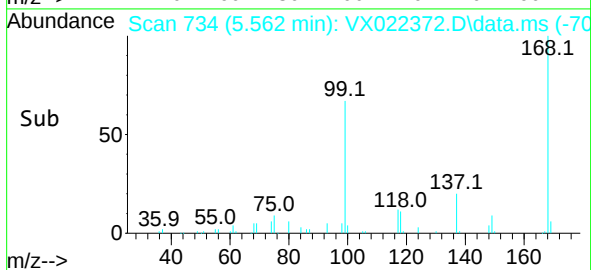
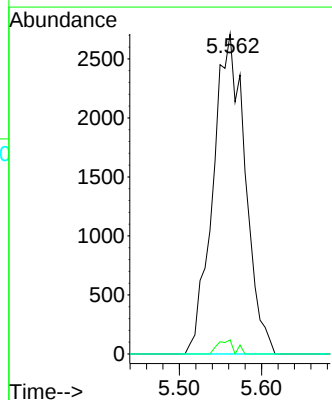
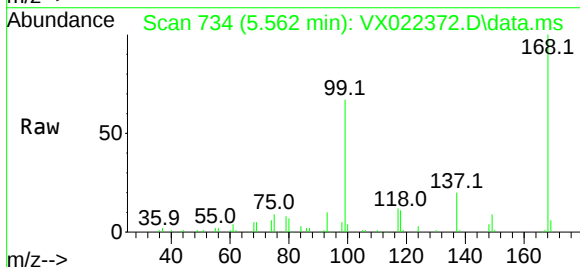
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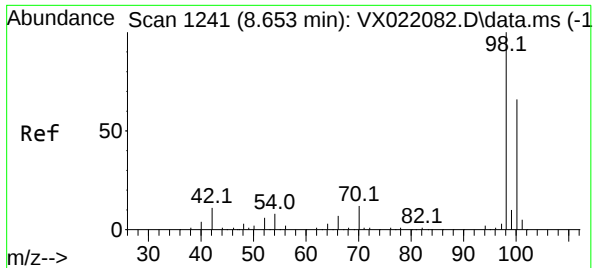
Tgt Ion: 75 Resp: 5960
Ion Ratio Lower Upper
75 100
110 6.5 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.02 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022372.D
Acq: 03 Jun 2021 17:34

Tgt Ion: 117 Resp: 7370
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.2#
121 0.0 24.8 37.2#

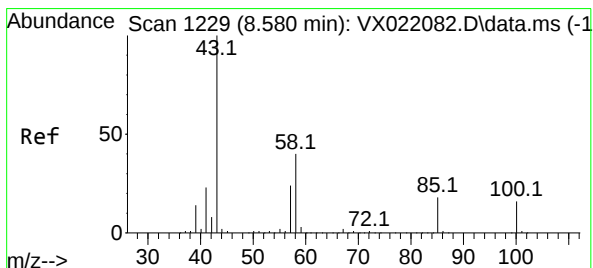
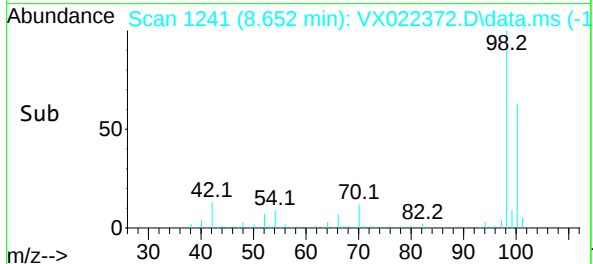
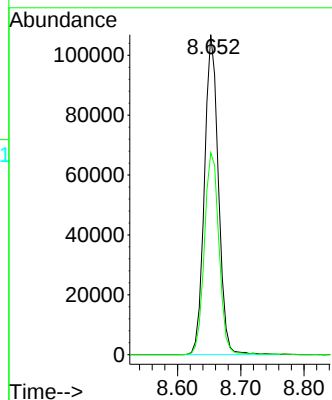
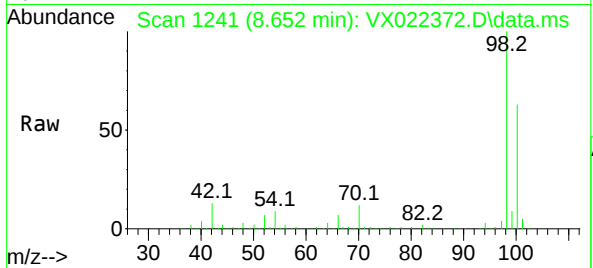




#50
Toluene-d8
Concen: 49.77 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.001 min
Lab File: VX022372.D
Acq: 03 Jun 2021 17:34

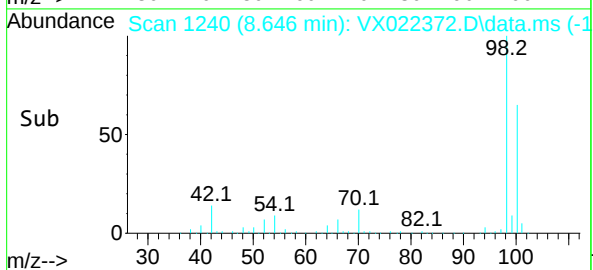
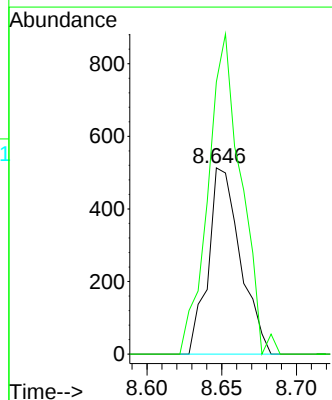
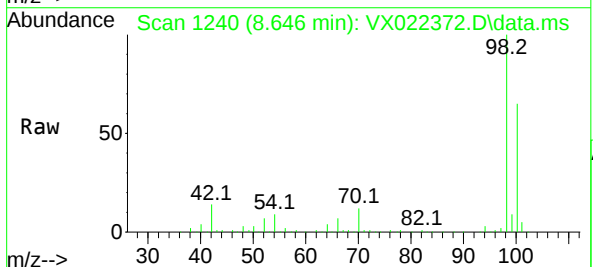
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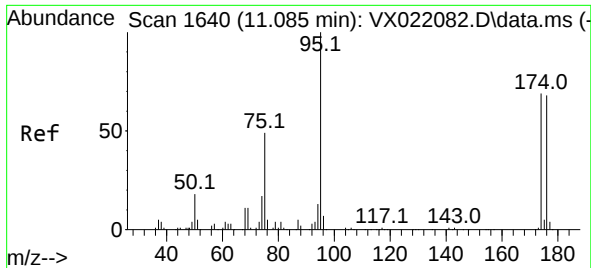
Tgt Ion: 98 Resp: 164446
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.51 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.066 min
Lab File: VX022372.D
Acq: 03 Jun 2021 17:34

Tgt Ion: 43 Resp: 766
Ion Ratio Lower Upper
43 100
58 176.9 35.4 53.0#

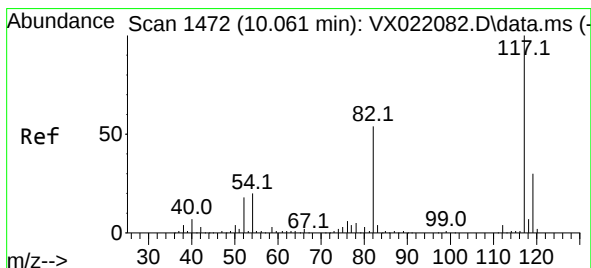
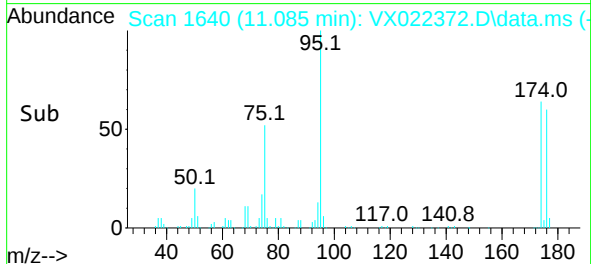
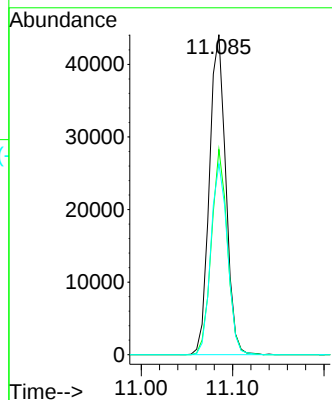
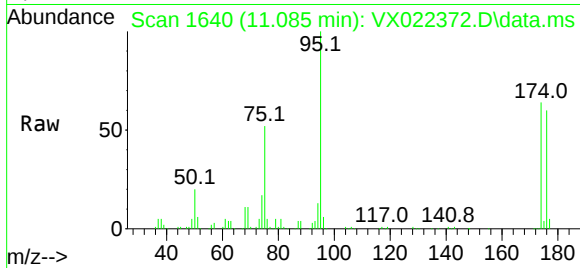




#62
4-Bromofluorobenzene
Concen: 44.86 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022372.D
Acq: 03 Jun 2021 17:34

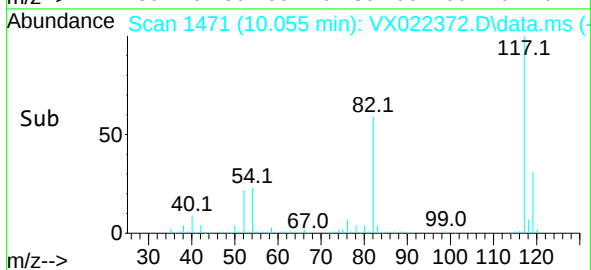
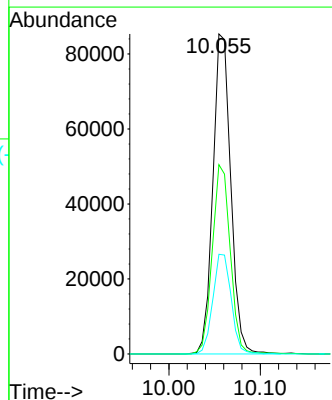
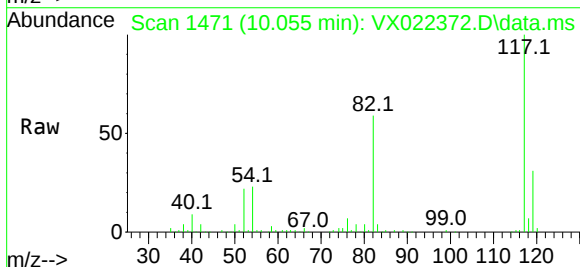
Instrument :
MSVOA_X
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C0AA2

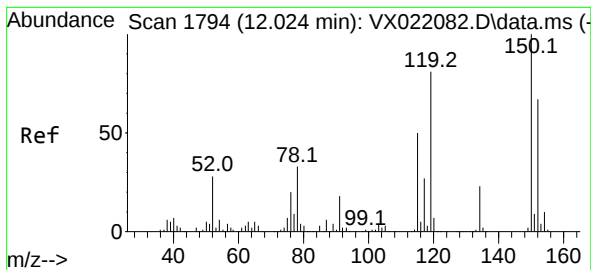
Tgt Ion: 95 Resp: 54781
Ion Ratio Lower Upper
95 100
174 62.4 0.0 154.6
176 60.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022372.D
Acq: 03 Jun 2021 17:34

Tgt Ion: 117 Resp: 115692
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.2
119 31.2 26.6 39.8

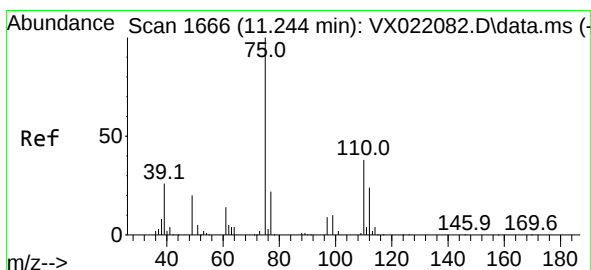
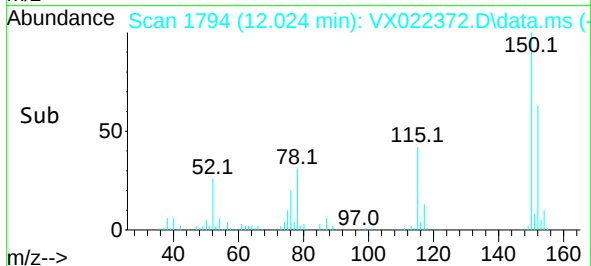
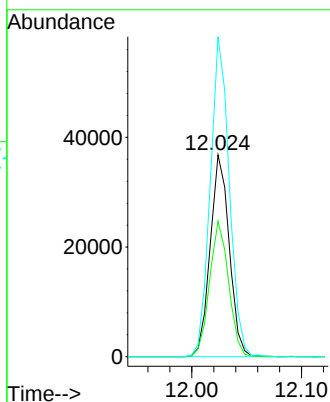
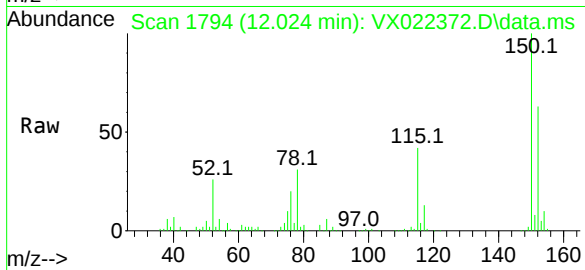




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX022372.D
 Acq: 03 Jun 2021 17:34

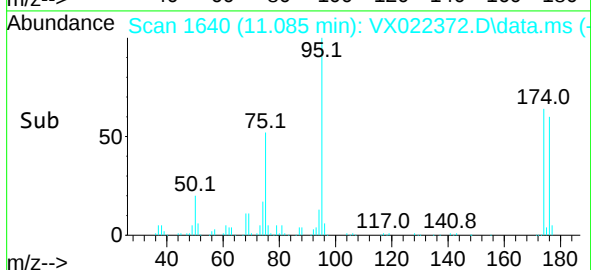
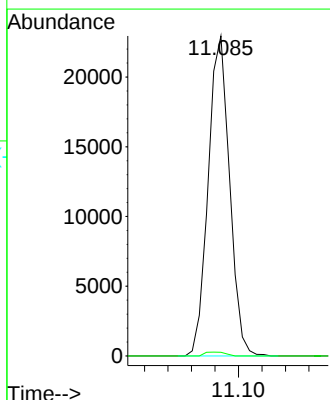
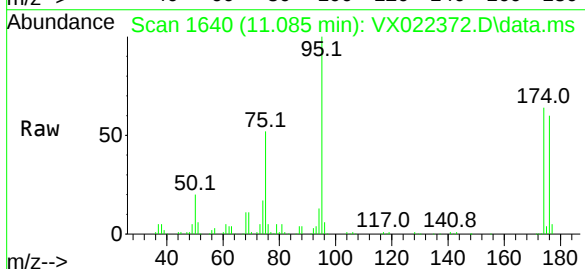
Instrument :
 MSVOA_X
 ClientSampled :
 C0AA2

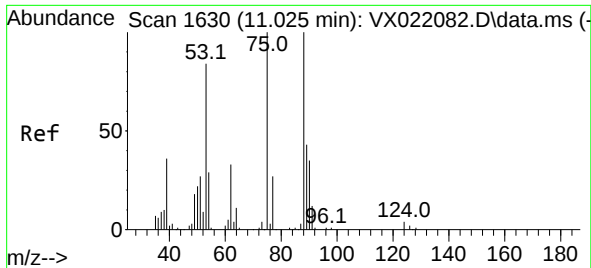
Tgt Ion:152 Resp: 44482
 Ion Ratio Lower Upper
 152 100
 115 66.9 41.1 123.3
 150 158.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.48 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022372.D
 Acq: 03 Jun 2021 17:34

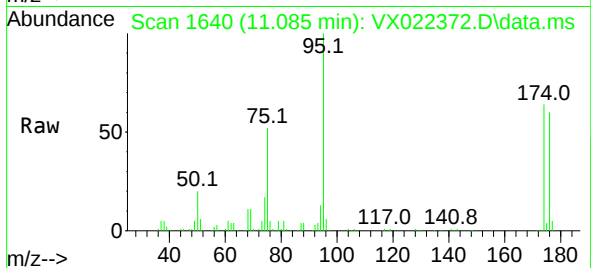
Tgt Ion: 75 Resp: 29055
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.73 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022372.D
 Acq: 03 Jun 2021 17:34

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AA2



Tgt Ion: 75 Resp: 29055
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

