

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
 Data File : VX023578.D
 Acq On : 05 Aug 2021 17:24
 Operator : JC/MD
 Sample : M3298-04 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1924

Quant Time: Aug 06 03:24:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

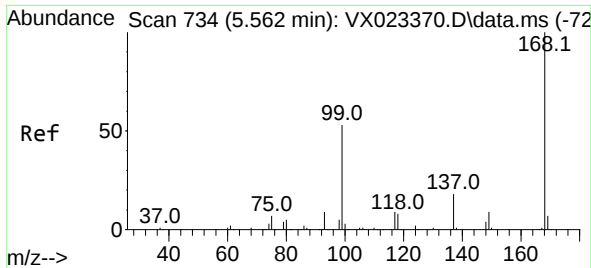
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	152919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	261308	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102714	53.847	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.700%			
35) Dibromofluoromethane	5.397	113	81682	49.995	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.980%			
50) Toluene-d8	8.653	98	316015	52.646	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.300%			
62) 4-Bromofluorobenzene	11.085	95	102657	50.294	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.580%			
Target Compounds						Qvalue
5) Bromomethane	1.611	94	375	0.381	ug/l #	41
11) Tert butyl alcohol	2.977	59	230	0.528	ug/l #	73
13) Acrolein	2.245	56	42	1.552	ug/l #	14
16) Acetone	2.392	43	1923	2.055	ug/l #	87
20) Methylene Chloride	2.794	84	3809	2.093	ug/l #	96
31) Cyclohexane	5.549	56	3500	1.239	ug/l #	11
36) 1,1-Dichloropropene	5.562	75	12227	5.173	ug/l #	50
38) Carbon Tetrachloride	5.562	117	15364	6.391	ug/l #	16
52) Toluene	8.726	92	13854	3.191	ug/l	100
53) t-1,3-Dichloropropene	8.726	75	172	1.874	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	55997	26.639	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	55997	71.629	ug/l #	12

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

Quant Time: Aug 06 03:24:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

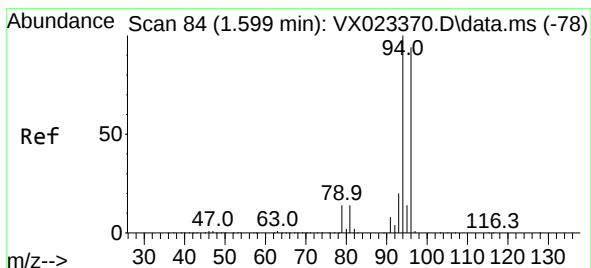
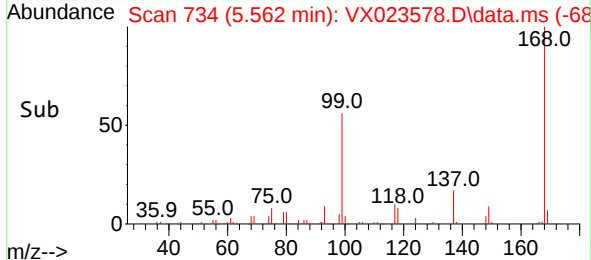
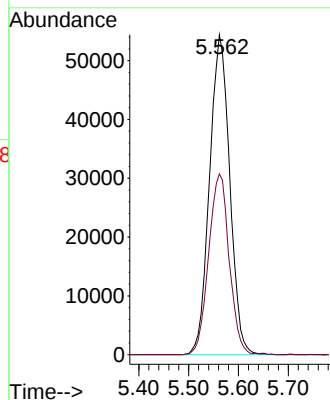
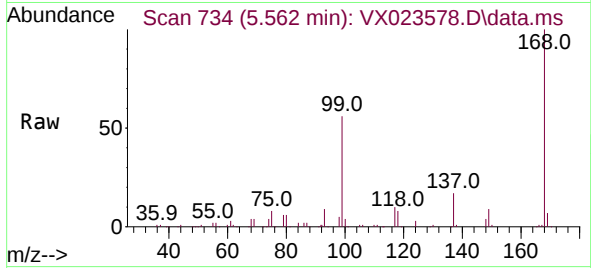




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023578.D
Acq: 05 Aug 2021 17:24

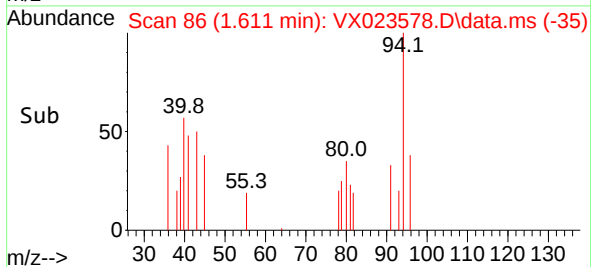
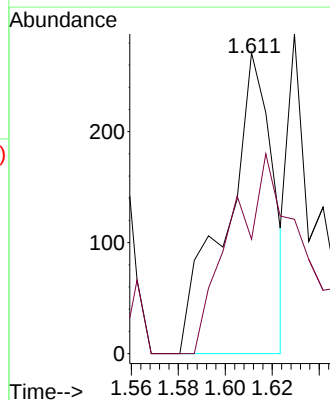
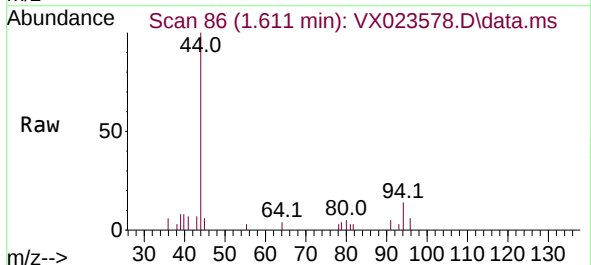
Instrument :
MSVOA_X
ClientSampled :
1924

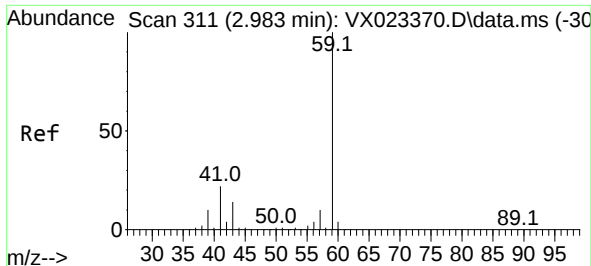
Tgt Ion:168 Resp: 152919
Ion Ratio Lower Upper
168 100
99 56.5 45.8 68.6



#5
Bromomethane
Concen: 0.381 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023578.D
Acq: 05 Aug 2021 17:24

Tgt Ion: 94 Resp: 375
Ion Ratio Lower Upper
94 100
96 38.0 76.4 114.6#





#11

Tert butyl alcohol

Concen: 0.528 ug/l

RT: 2.977 min Scan# 310

Delta R.T. -0.006 min

Lab File: VX023578.D

Acq: 05 Aug 2021 17:24

Instrument :

MSVOA_X

ClientSampleId :

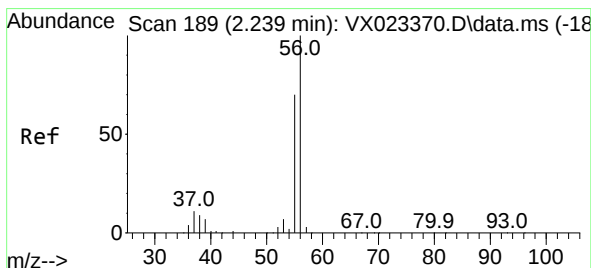
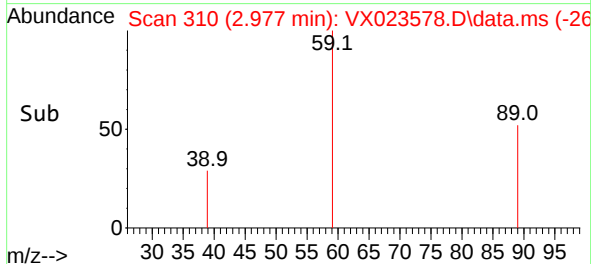
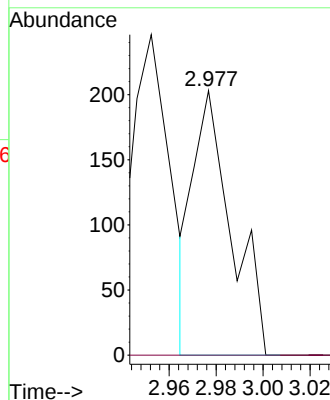
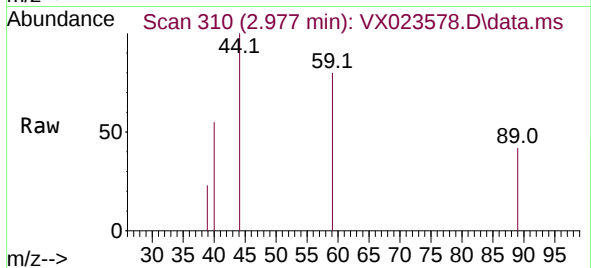
1924

Tgt Ion: 59 Resp: 230

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#13

Acrolein

Concen: 1.552 ug/l

RT: 2.245 min Scan# 190

Delta R.T. 0.006 min

Lab File: VX023578.D

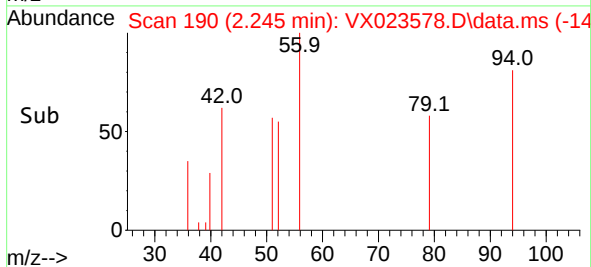
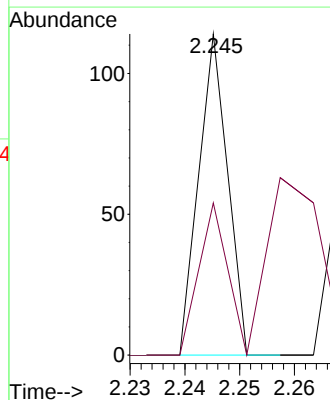
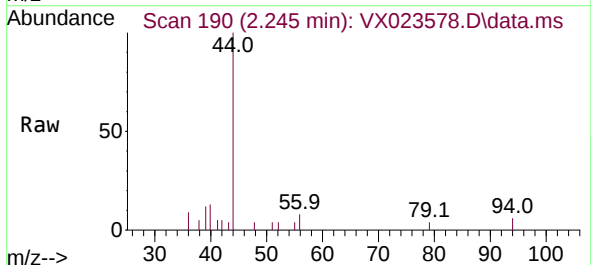
Acq: 05 Aug 2021 17:24

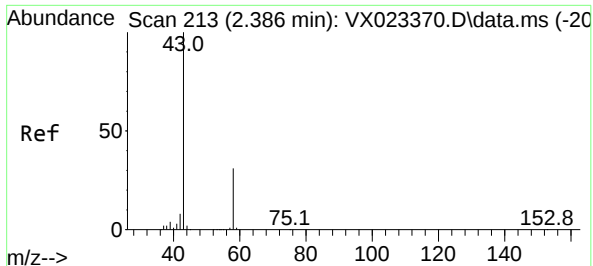
Tgt Ion: 56 Resp: 42

Ion Ratio Lower Upper

56 100

55 0.0 56.4 84.6#

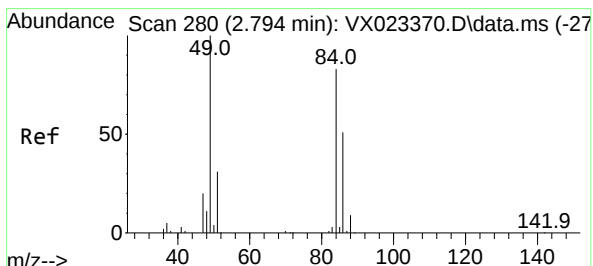
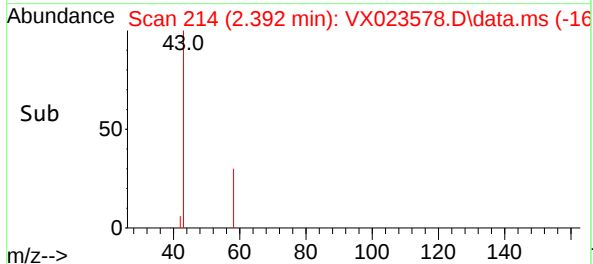
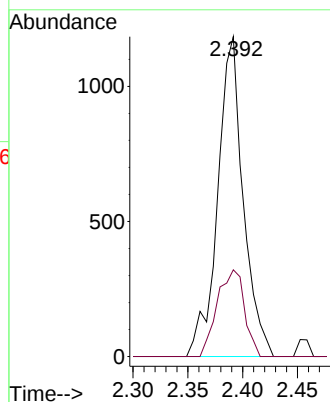
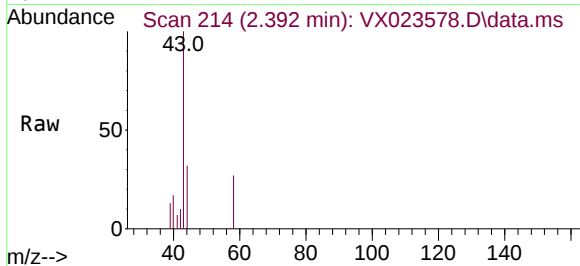




#16
Acetone
Concen: 2.055 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX023578.D
Acq: 05 Aug 2021 17:24

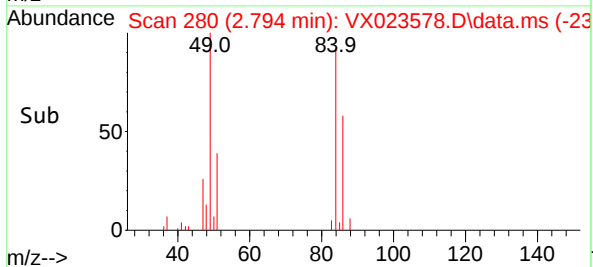
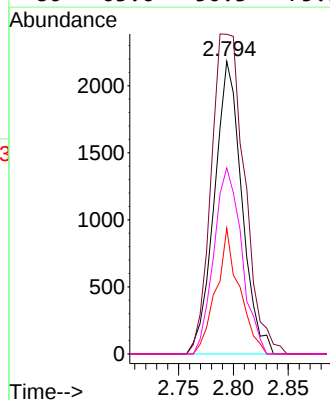
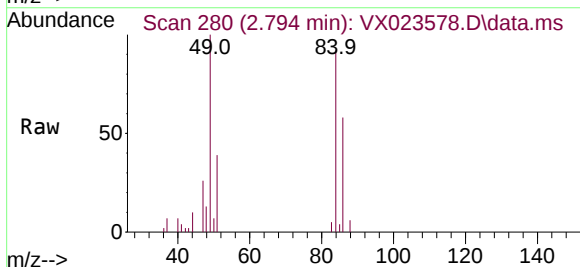
Instrument :
MSVOA_X
ClientSampled :
1924

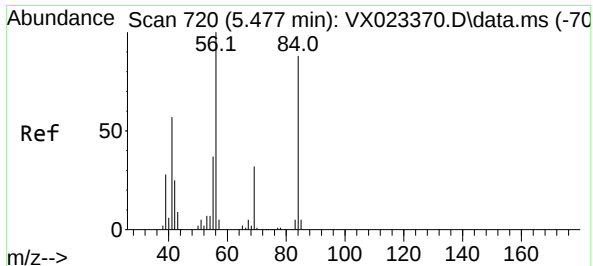
Tgt Ion: 43 Resp: 1923
Ion Ratio Lower Upper
43 100
58 27.1 27.8 41.8#



#20
Methylene Chloride
Concen: 2.093 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX023578.D
Acq: 05 Aug 2021 17:24

Tgt Ion: 84 Resp: 3809
Ion Ratio Lower Upper
84 100
49 109.3 88.6 132.8
51 43.0 27.0 40.6#
86 63.6 50.3 75.5

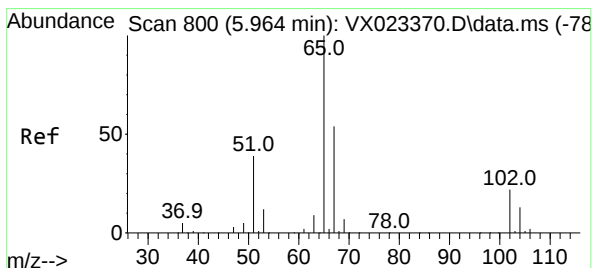
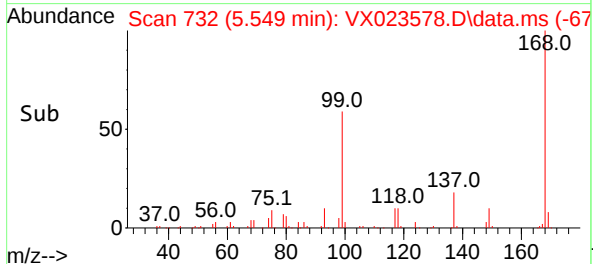
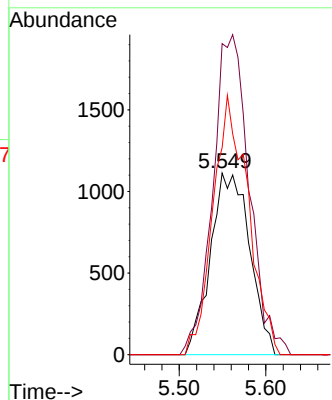
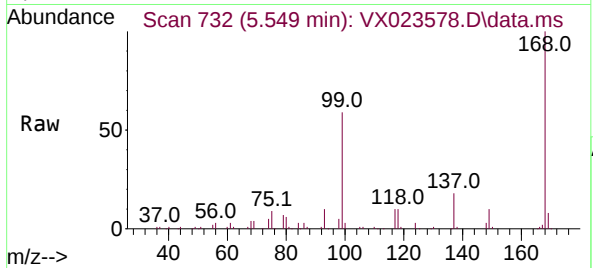




#31
Cyclohexane
Concen: 1.239 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.072 min
Lab File: VX023578.D
Acq: 05 Aug 2021 17:24

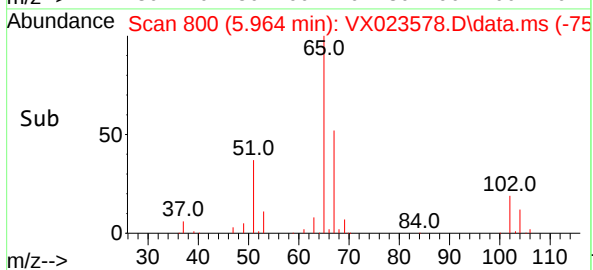
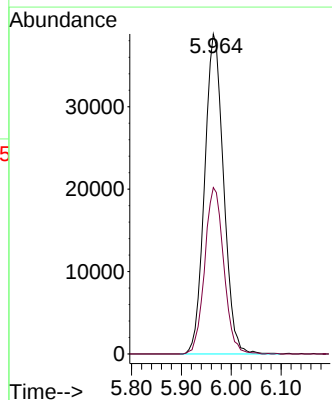
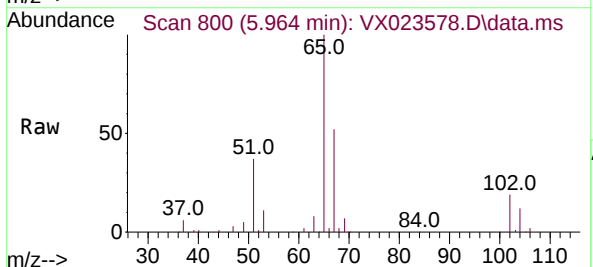
Instrument :
MSVOA_X
ClientSampled :
1924

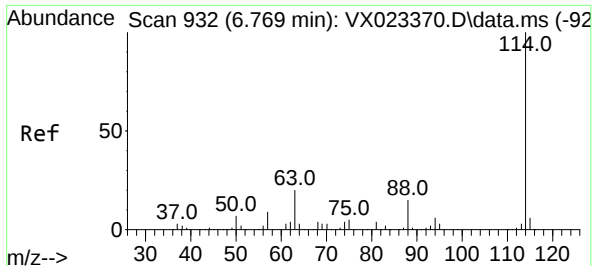
Tgt Ion: 56 Resp: 3500
Ion Ratio Lower Upper
56 100
69 171.2 25.3 37.9#
84 119.0 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 53.847 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023578.D
Acq: 05 Aug 2021 17:24

Tgt Ion: 65 Resp: 102714
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

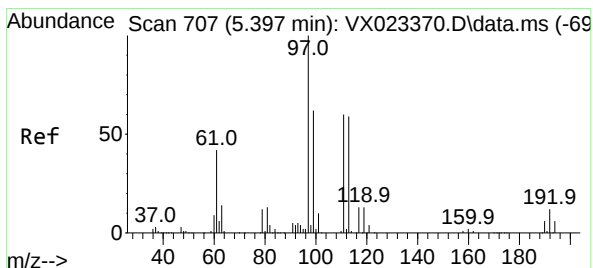
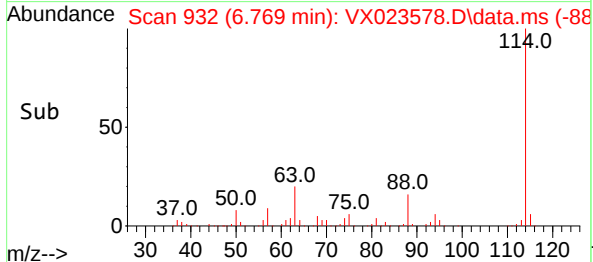
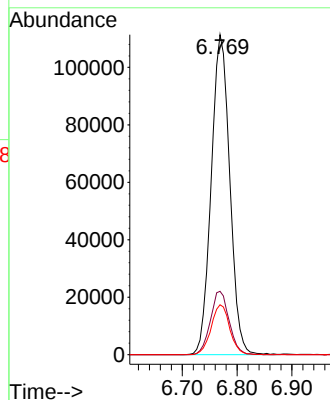
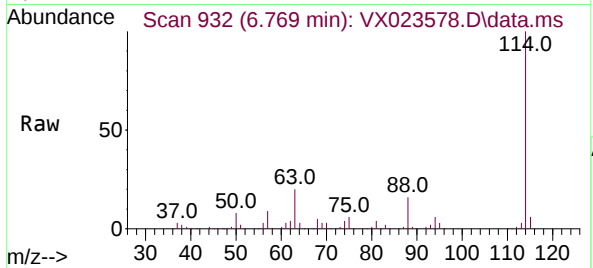




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023578.D
Acq: 05 Aug 2021 17:24

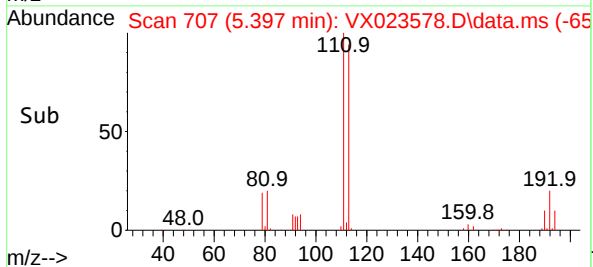
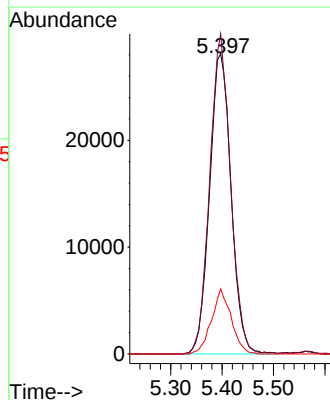
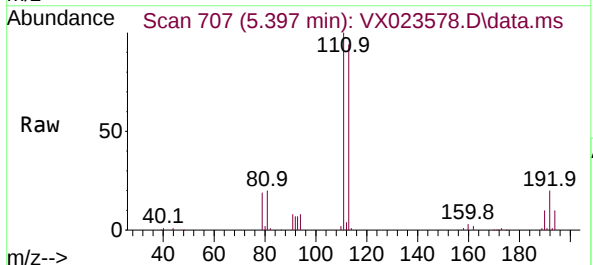
Instrument :
MSVOA_X
ClientSampleId :
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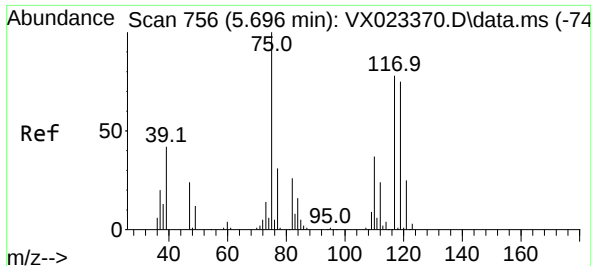
Tgt Ion:114	Resp:	261308
Ion Ratio	Lower	Upper
114	100	
63	19.8	0.0 40.8
88	15.6	0.0 32.8



#35
Dibromofluoromethane
Concen: 49.995 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023578.D
Acq: 05 Aug 2021 17:24

Tgt Ion:113	Resp:	81682
Ion Ratio	Lower	Upper
113	100	
111	103.0	81.9 122.9
192	19.9	16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.173 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX023578.D

Acq: 05 Aug 2021 17:24

Tgt Ion: 75 Resp: 12227

Ion Ratio Lower Upper

75 100

110 9.9 18.1 54.4#

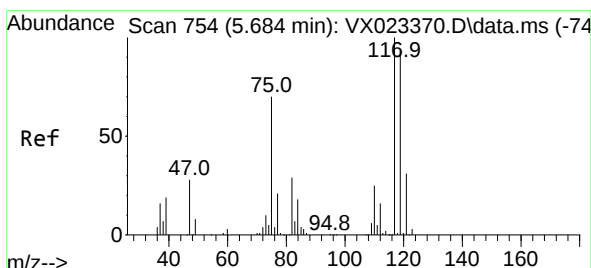
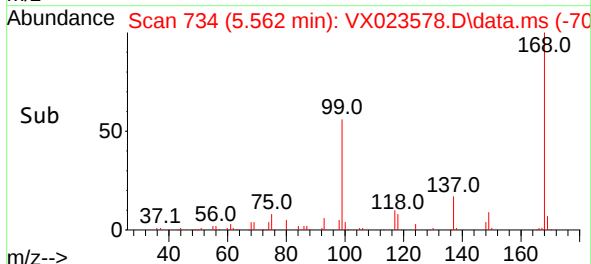
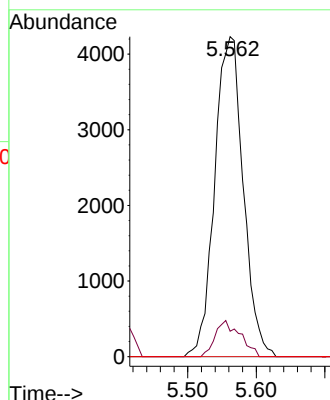
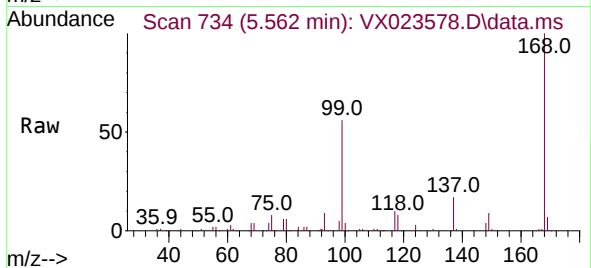
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampled :

1924



#38

Carbon Tetrachloride

Concen: 6.391 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.122 min

Lab File: VX023578.D

Acq: 05 Aug 2021 17:24

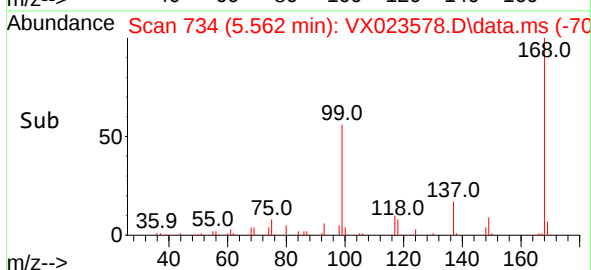
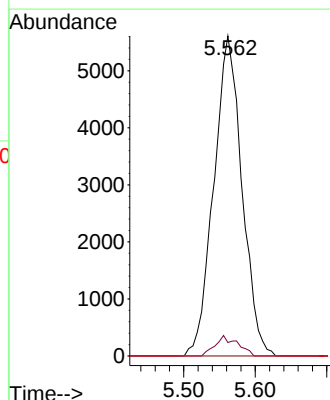
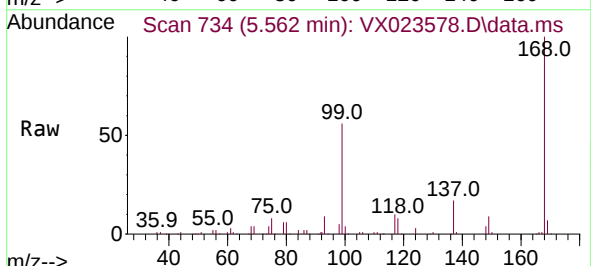
Tgt Ion: 117 Resp: 15364

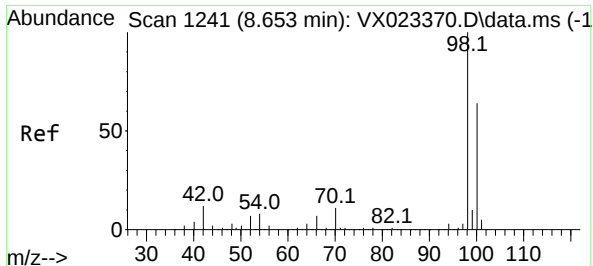
Ion Ratio Lower Upper

117 100

119 4.2 76.2 114.2#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 52.646 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023578.D

Acq: 05 Aug 2021 17:24

Instrument :

MSVOA_X

ClientSampleId :

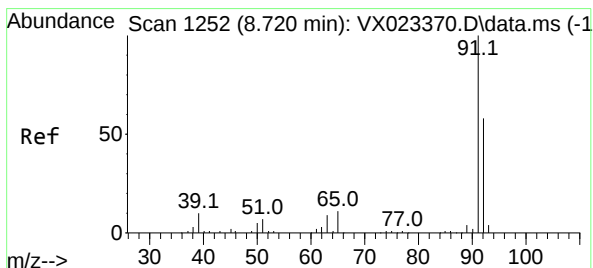
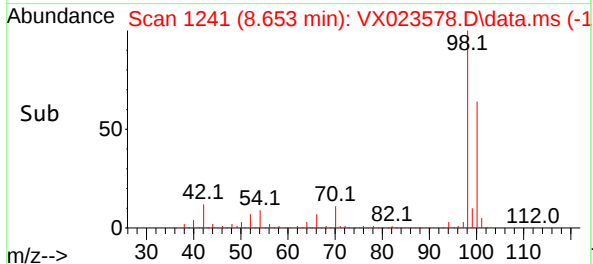
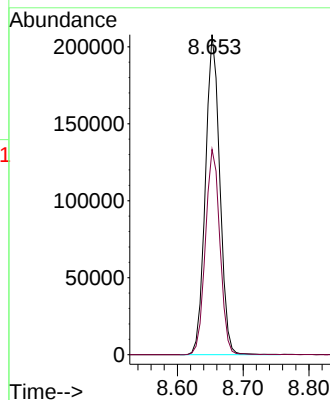
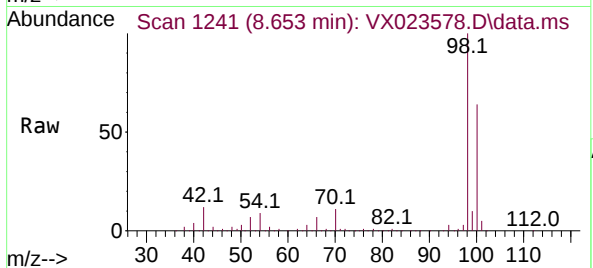
1924

Tgt Ion: 98 Resp: 316015

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9



#52

Toluene

Concen: 3.191 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX023578.D

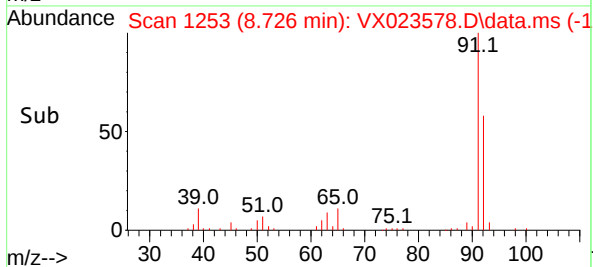
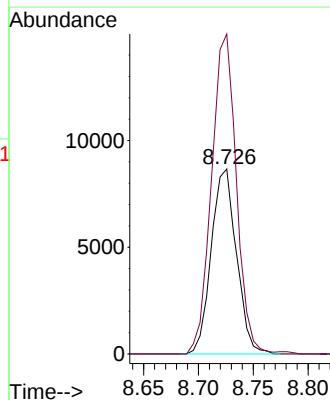
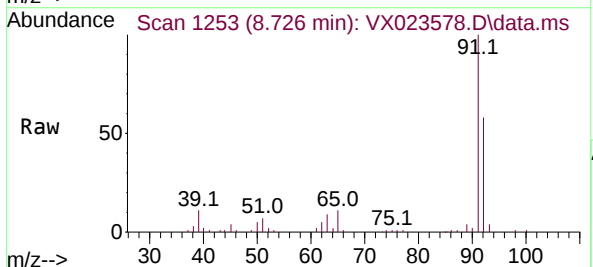
Acq: 05 Aug 2021 17:24

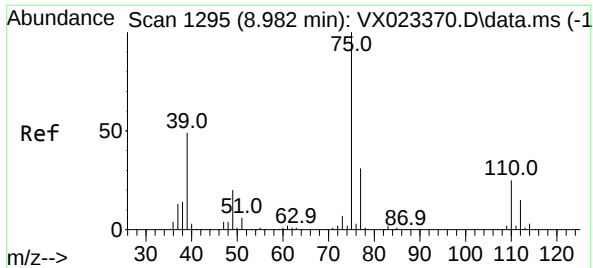
Tgt Ion: 92 Resp: 13854

Ion Ratio Lower Upper

92 100

91 170.8 137.1 205.7

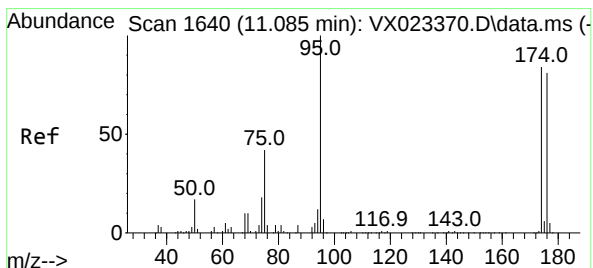
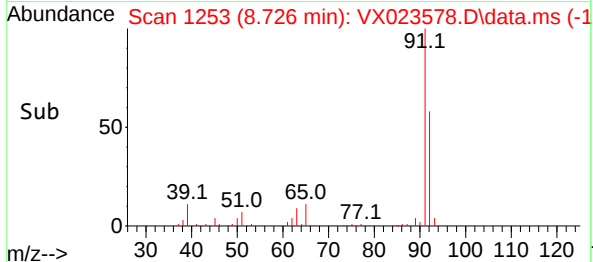
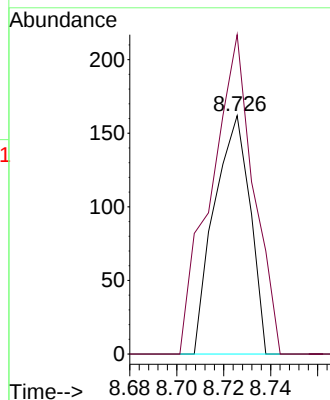
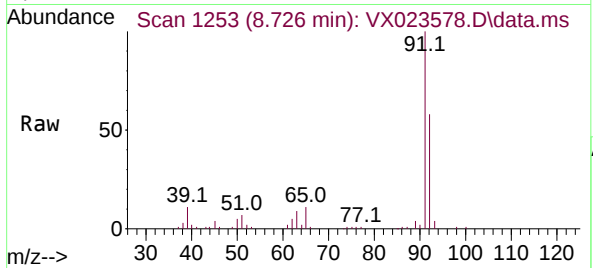




#53
t-1,3-Dichloropropene
Concen: 1.874 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. -0.256 min
Lab File: VX023578.D
Acq: 05 Aug 2021 17:24

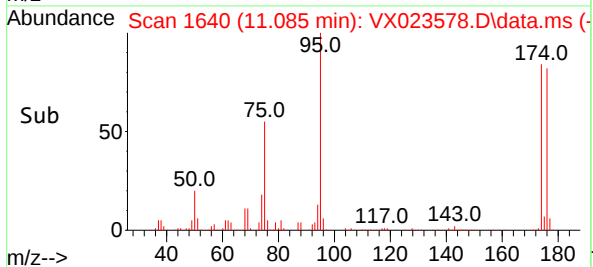
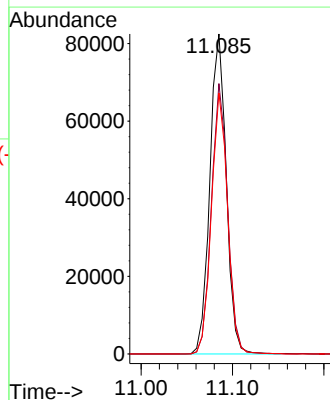
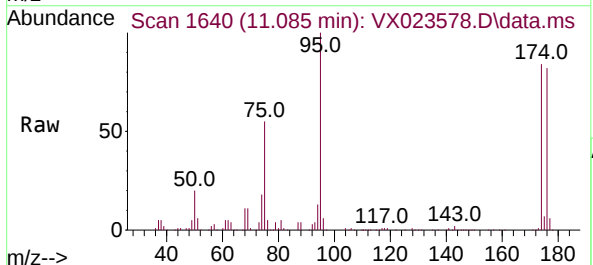
Instrument :
MSVOA_X
ClientSampled :
1924

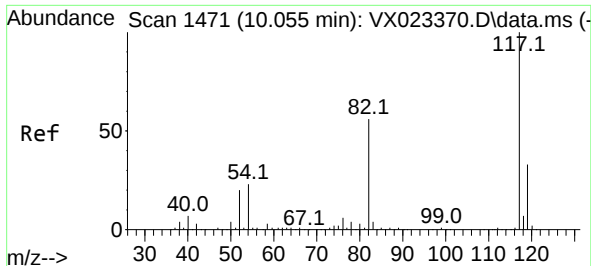
Tgt Ion: 75 Resp: 172
Ion Ratio Lower Upper
75 100
77 134.0 24.9 37.3#



#62
4-Bromofluorobenzene
Concen: 50.294 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023578.D
Acq: 05 Aug 2021 17:24

Tgt Ion: 95 Resp: 102657
Ion Ratio Lower Upper
95 100
174 83.6 0.0 154.6
176 80.7 0.0 155.8

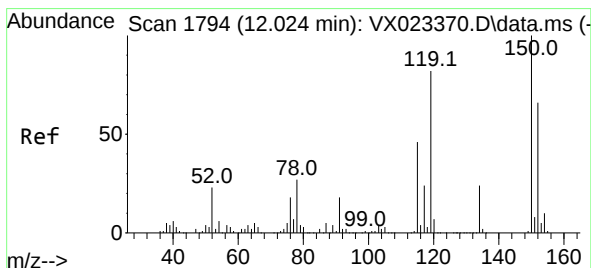
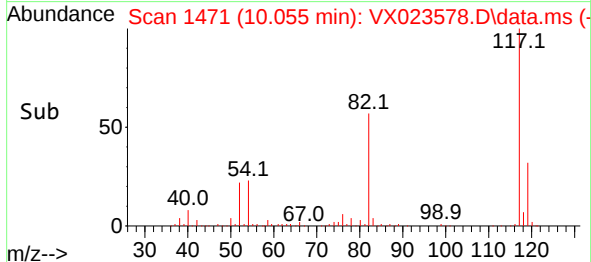
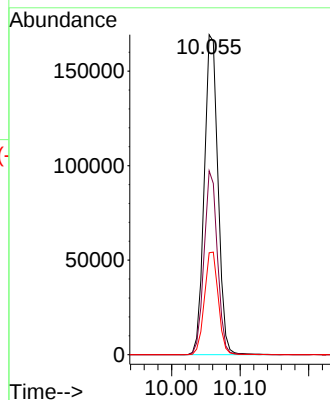
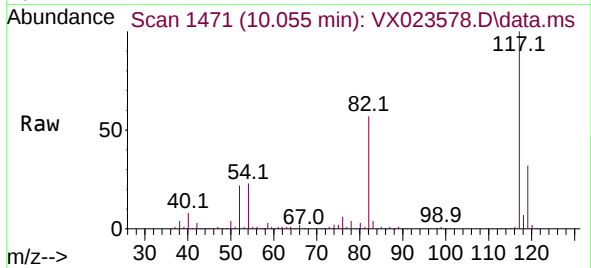




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023578.D
Acq: 05 Aug 2021 17:24

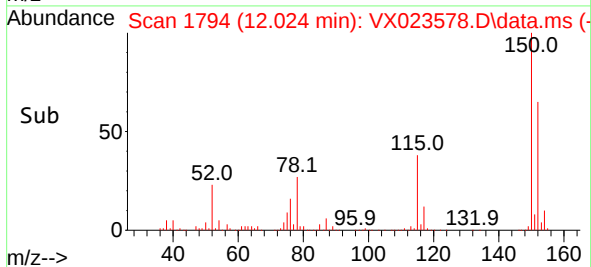
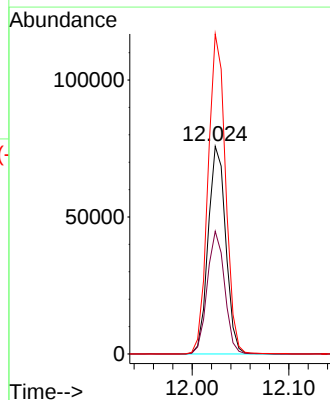
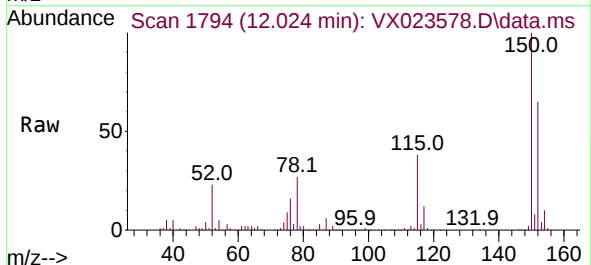
Instrument :
MSVOA_X
ClientSampled :
1924

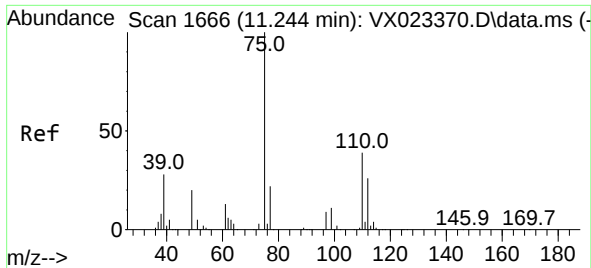
Tgt Ion:117 Resp: 236091
Ion Ratio Lower Upper
117 100
82 57.4 47.4 71.2
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX023578.D
Acq: 05 Aug 2021 17:24

Tgt Ion:152 Resp: 95524
Ion Ratio Lower Upper
152 100
115 58.5 41.1 123.3
150 153.4 0.0 349.0

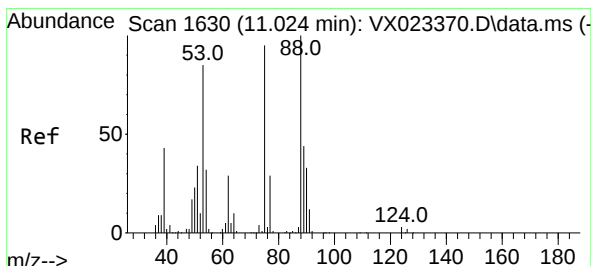
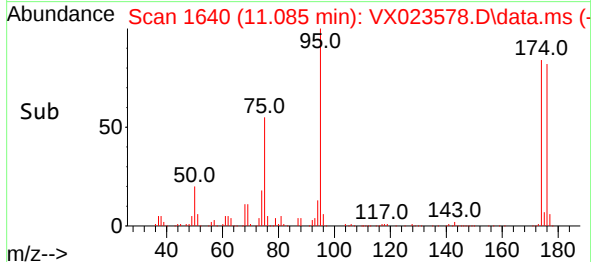
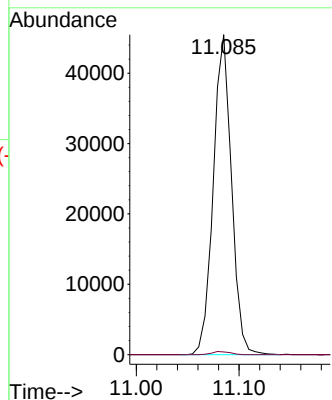
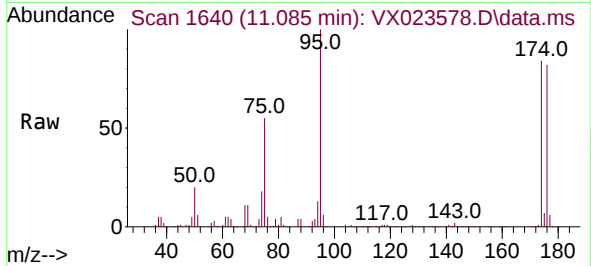




#76
1,2,3-Trichloropropane
Concen: 26.639 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023578.D
Acq: 05 Aug 2021 17:24

Instrument :
MSVOA_X
ClientSampled :
1924

Tgt Ion: 75 Resp: 55997
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.629 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023578.D
Acq: 05 Aug 2021 17:24

Tgt Ion: 75 Resp: 55997
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

