

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082621\
 Data File : VX023970.D
 Acq On : 26 Aug 2021 17:07
 Operator : JC/MD
 Sample : M3535-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 27 05:58:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

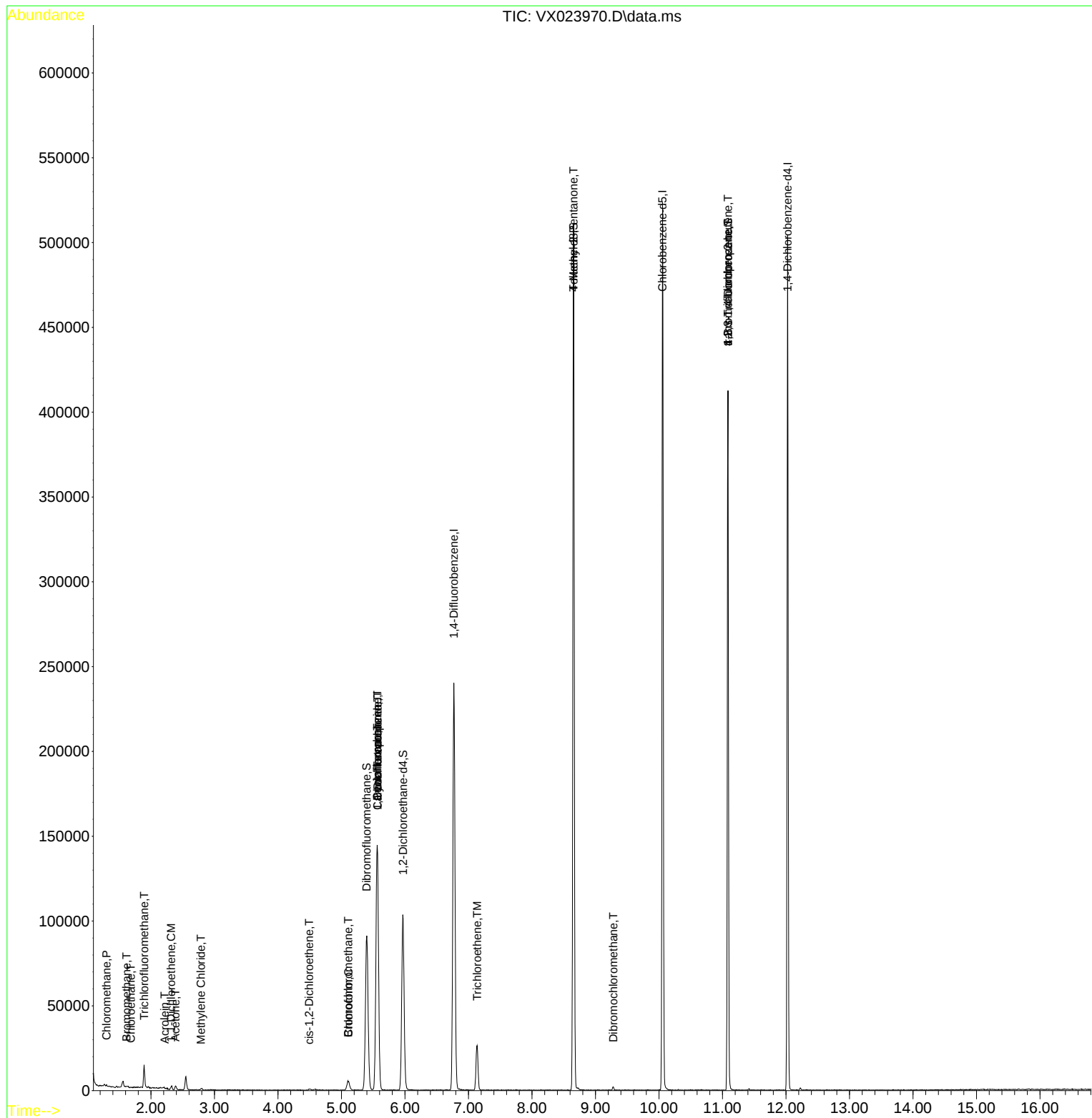
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	135116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	234013	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	101711	53.935	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 107.880%		
35) Dibromofluoromethane	5.397	113	78330	50.572	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.140%		
50) Toluene-d8	8.653	98	285822	48.485	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 96.960%		
62) 4-Bromofluorobenzene	11.085	95	104069	47.955	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 95.900%		
Target Compounds						Qvalue
3) Chloromethane	1.301	50	450	0.288	ug/l	92
5) Bromomethane	1.618	94	506	0.527	ug/l #	56
6) Chloroethane	1.685	64	52	2.257	ug/l #	43
7) Trichlorofluoromethane	1.892	101	7500	3.112	ug/l	96
12) 1,1-Dichloroethene	2.319	96	677	0.522	ug/l	94
13) Acrolein	2.215	56	61	0.269	ug/l #	14
16) Acetone	2.386	43	2461	2.919	ug/l #	80
20) Methylene Chloride	2.788	84	456	0.283	ug/l #	77
27) cis-1,2-Dichloroethene	4.489	96	340	0.206	ug/l #	5
28) Bromochloromethane	5.105	49	543	0.451	ug/l #	9
30) Chloroform	5.111	83	6564	2.340	ug/l	92
31) Cyclohexane	5.562	56	3208	1.324	ug/l #	2
36) 1,1-Dichloropropene	5.568	75	11008	5.080	ug/l #	51
38) Carbon Tetrachloride	5.568	117	13882	6.143	ug/l #	17
44) Trichloroethene	7.135	130	10269	5.801	ug/l	98
51) 4-Methyl-2-Pentanone	8.653	43	1616	0.600	ug/l #	1
60) Dibromochloromethane	9.281	129	353	1.869	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	56414	25.120	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	56414	73.893	ug/l #	12

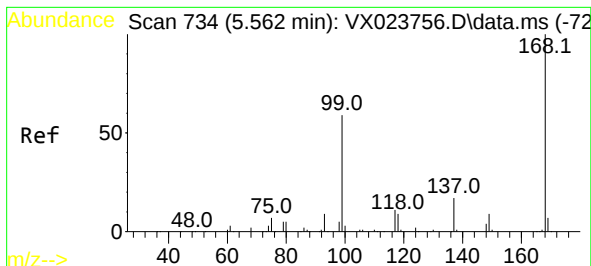
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampled :

Quant Time: Aug 27 05:58:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 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: VX023970.D

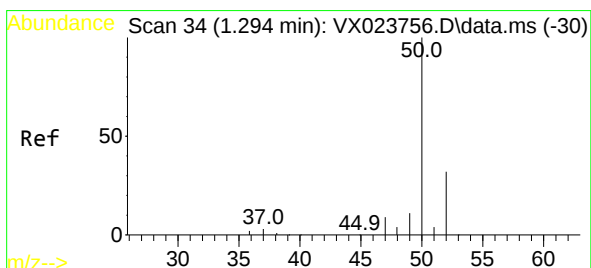
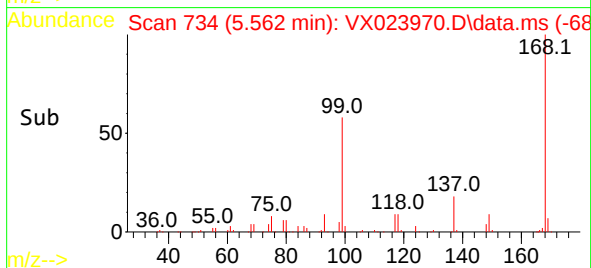
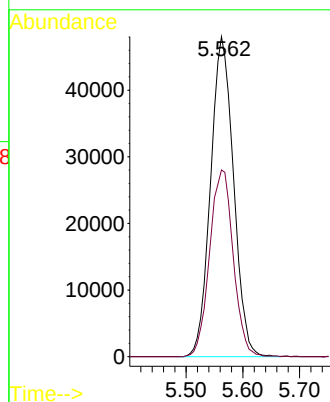
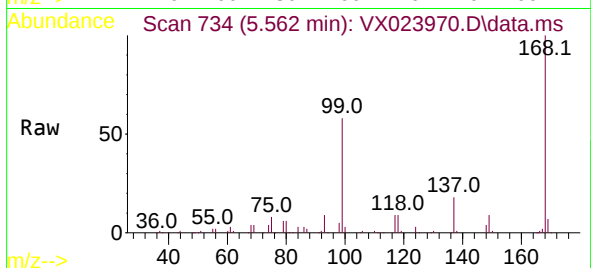
Acq: 26 Aug 2021 17:07

Tgt Ion:168 Resp: 135116

Ion Ratio Lower Upper

168 100

99 58.4 45.8 68.6



#3

Chloromethane

Concen: 0.288 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.007 min

Lab File: VX023970.D

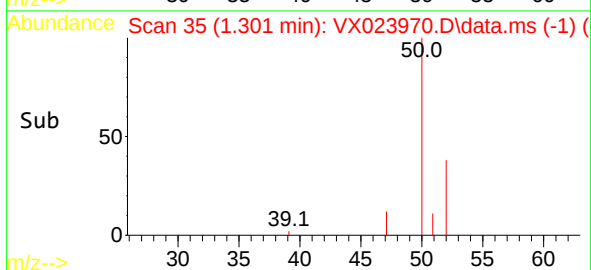
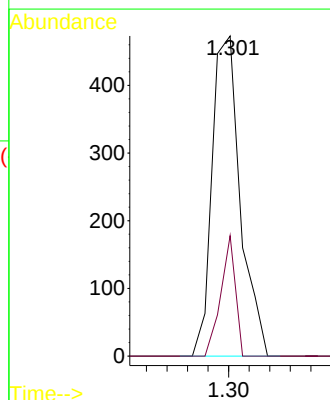
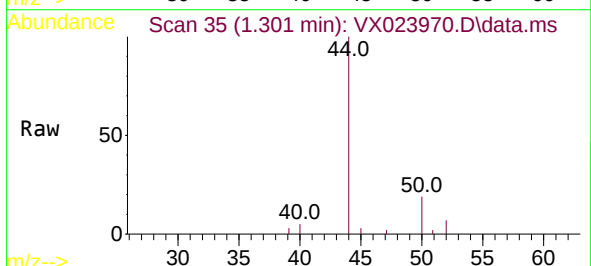
Acq: 26 Aug 2021 17:07

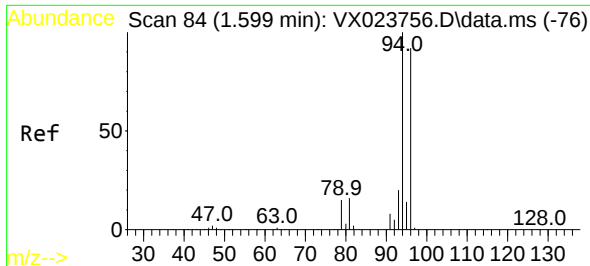
Tgt Ion: 50 Resp: 450

Ion Ratio Lower Upper

50 100

52 37.6 26.4 39.6

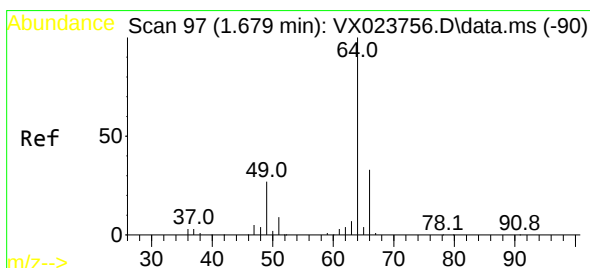
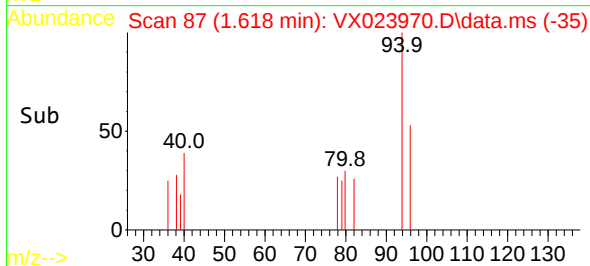
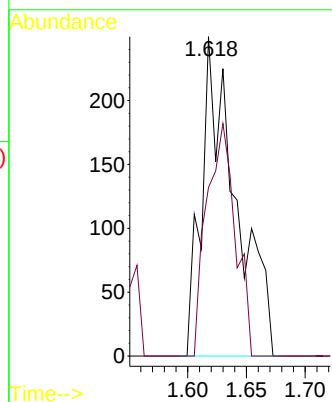
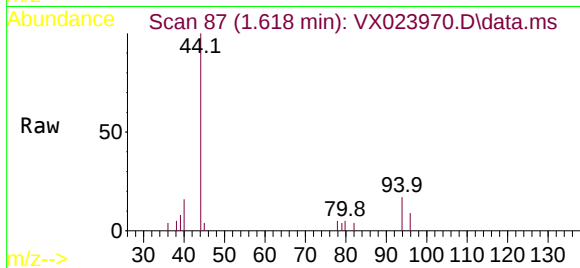




#5
Bromomethane
Concen: 0.527 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023970.D
Acq: 26 Aug 2021 17:07

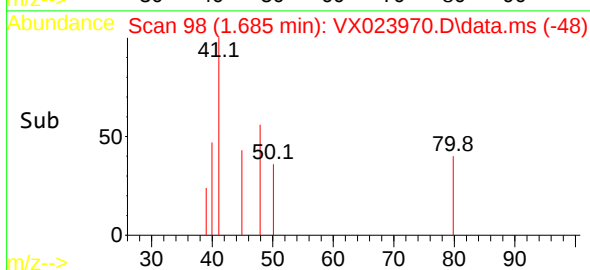
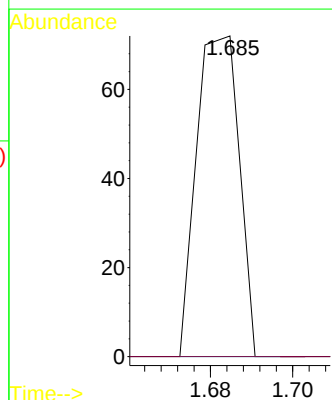
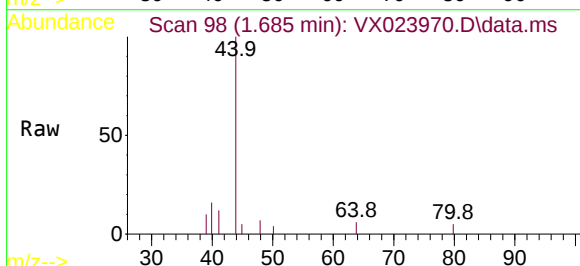
Instrument :
MSVOA_X
ClientSampleId :

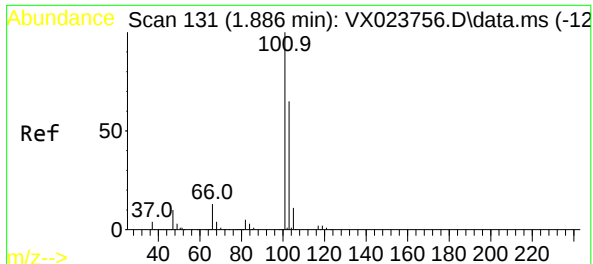
Tgt Ion: 94 Resp: 506
Ion Ratio Lower Upper
94 100
96 52.8 76.4 114.6#



#6
Chloroethane
Concen: 2.257 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX023970.D
Acq: 26 Aug 2021 17:07

Tgt Ion: 64 Resp: 52
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

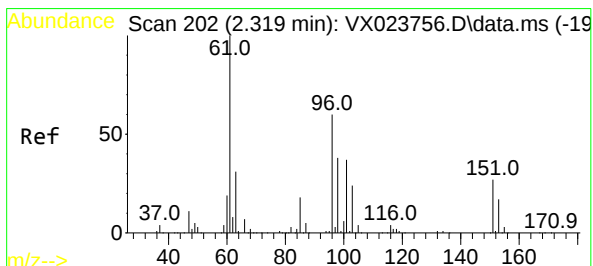
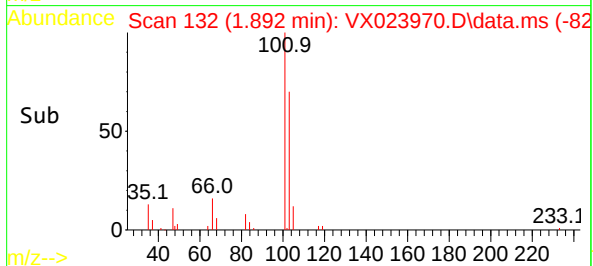
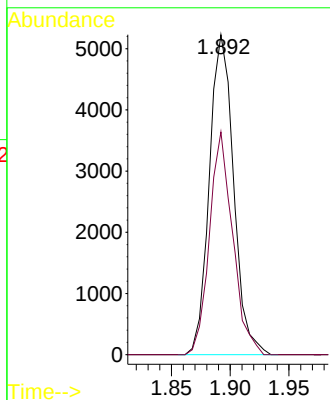
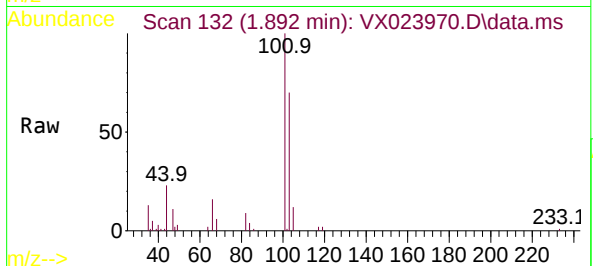




#7
Trichlorofluoromethane
Concen: 3.112 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX023970.D
Acq: 26 Aug 2021 17:07

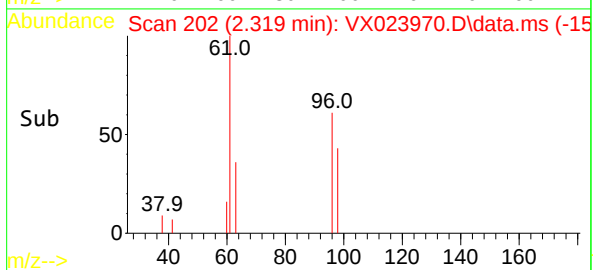
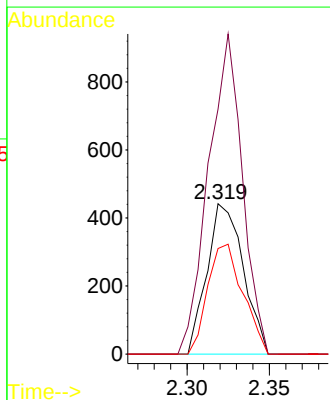
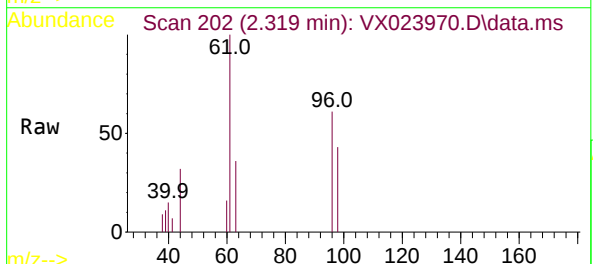
Instrument :
MSVOA_X
ClientSampled :

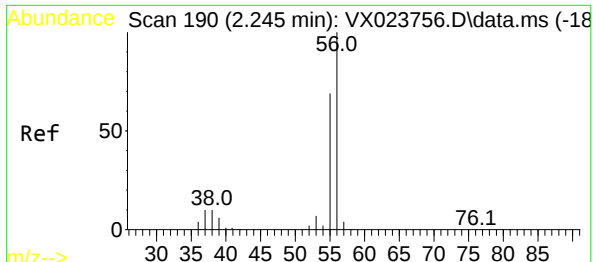
Tgt Ion:101 Resp: 7500
Ion Ratio Lower Upper
101 100
103 69.6 53.2 79.8



#12
1,1-Dichloroethene
Concen: 0.522 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX023970.D
Acq: 26 Aug 2021 17:07

Tgt Ion: 96 Resp: 677
Ion Ratio Lower Upper
96 100
61 162.9 124.6 187.0
98 70.1 50.6 76.0

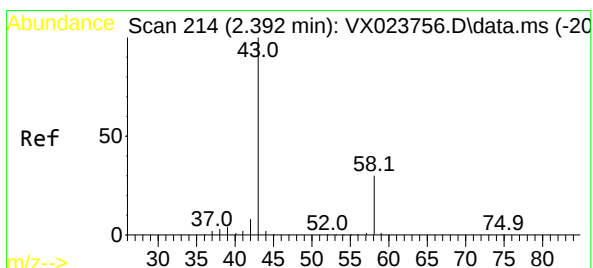
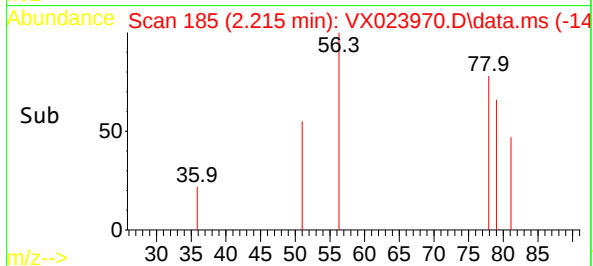
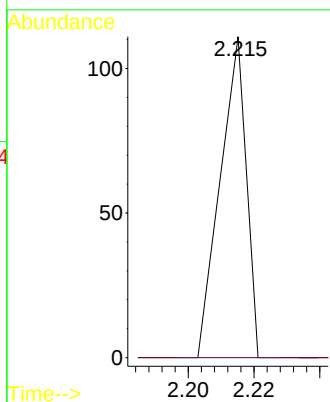
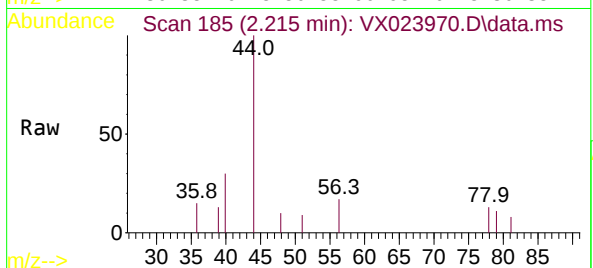




#13
Acrolein
Concen: 0.269 ug/l
RT: 2.215 min Scan# 185
Delta R.T. -0.030 min
Lab File: VX023970.D
Acq: 26 Aug 2021 17:07

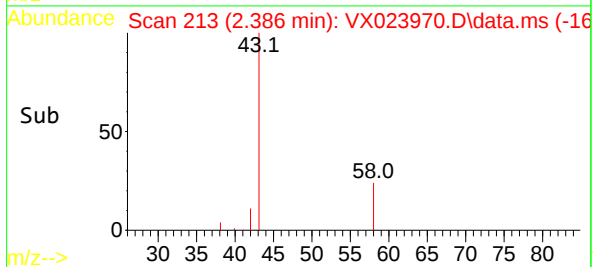
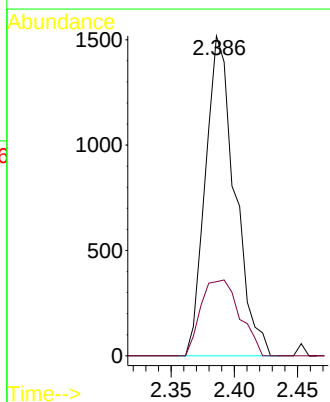
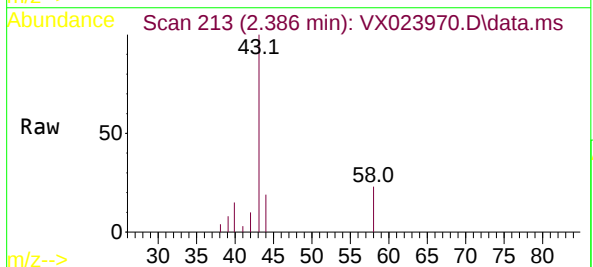
Instrument :
MSVOA_X
ClientSampled :

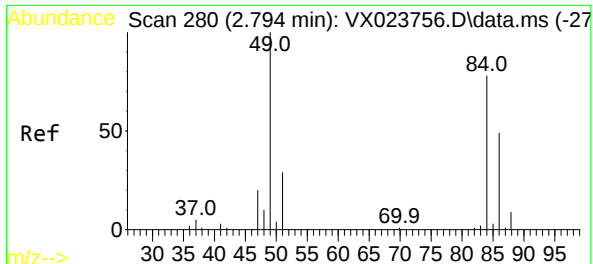
Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 2.919 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023970.D
Acq: 26 Aug 2021 17:07

Tgt Ion: 43 Resp: 2461
Ion Ratio Lower Upper
43 100
58 23.2 27.8 41.8#





#20

Methylene Chloride

Concen: 0.283 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX023970.D

Acq: 26 Aug 2021 17:07

Tgt Ion: 84 Resp: 456

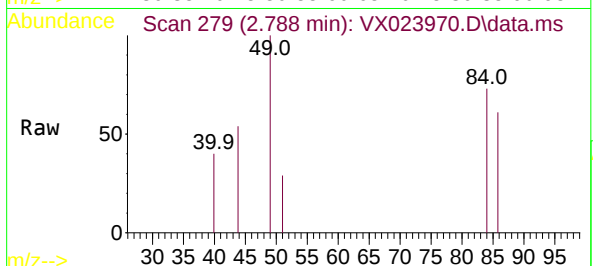
Ion Ratio Lower Upper

84 100

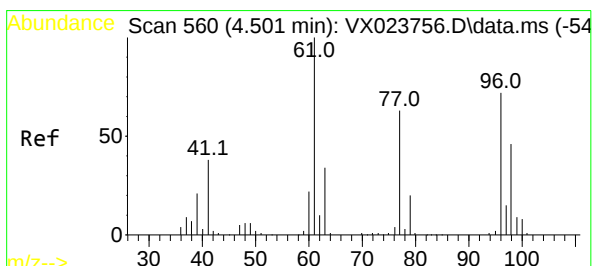
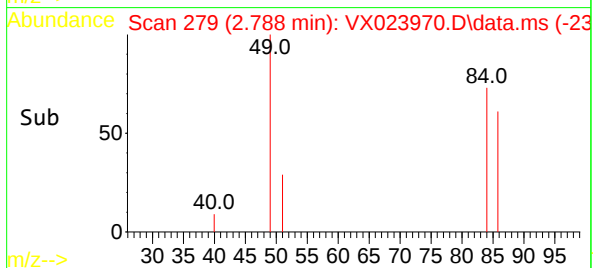
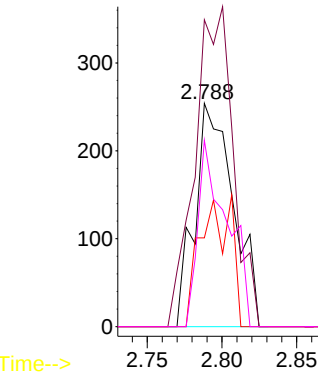
49 137.4 88.6 132.8#

51 39.8 27.0 40.6

86 83.5 50.3 75.5#



Abundance



#27

cis-1,2-Dichloroethene

Concen: 0.206 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.012 min

Lab File: VX023970.D

Acq: 26 Aug 2021 17:07

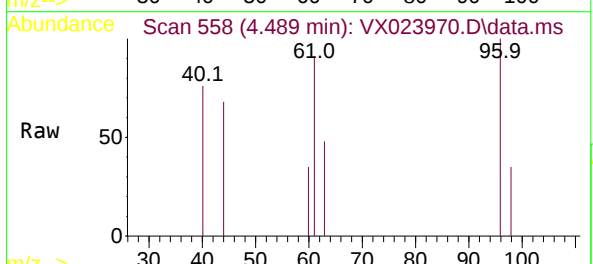
Tgt Ion: 96 Resp: 340

Ion Ratio Lower Upper

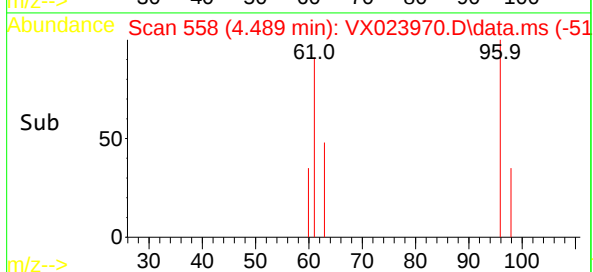
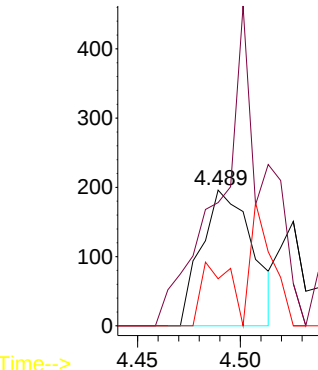
96 100

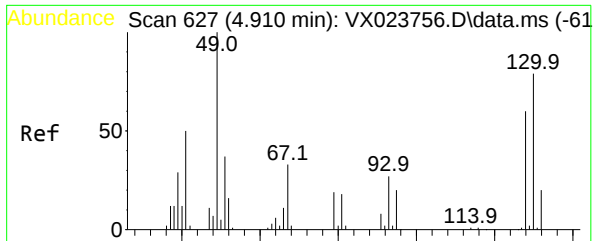
61 0.0 0.0 285.6

98 26.2 0.0 129.6



Abundance

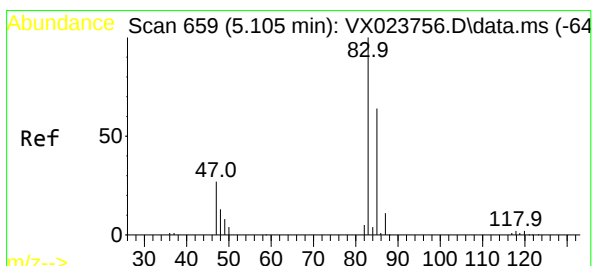
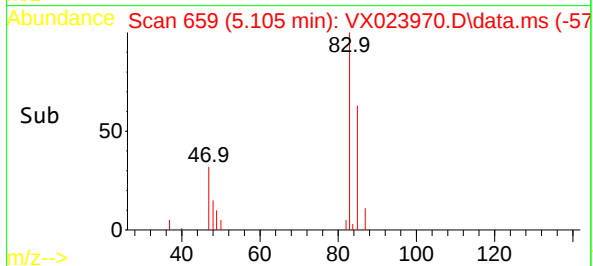
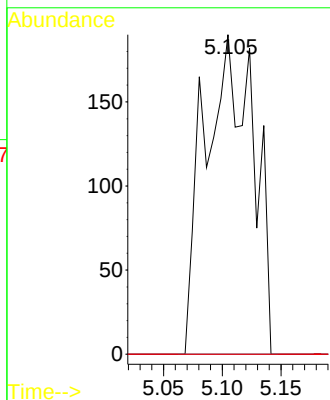
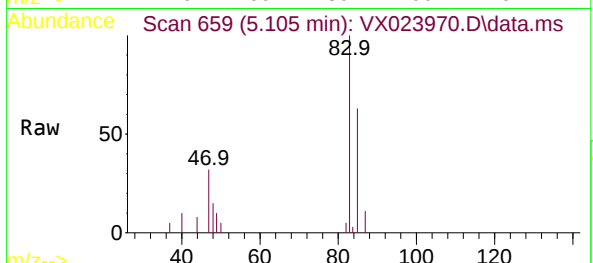




#28
Bromochloromethane
Concen: 0.451 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.195 min
Lab File: VX023970.D
Acq: 26 Aug 2021 17:07

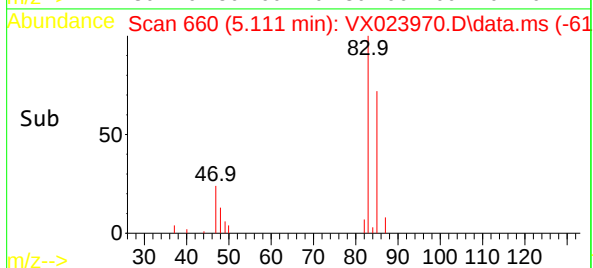
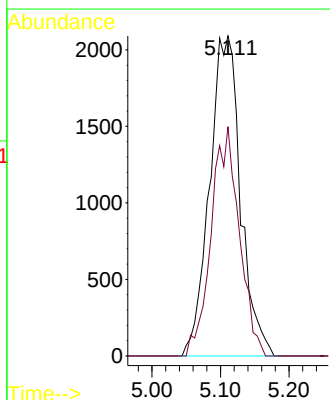
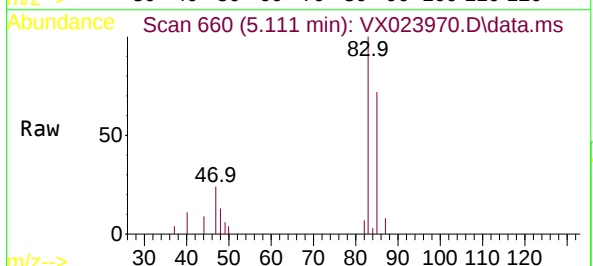
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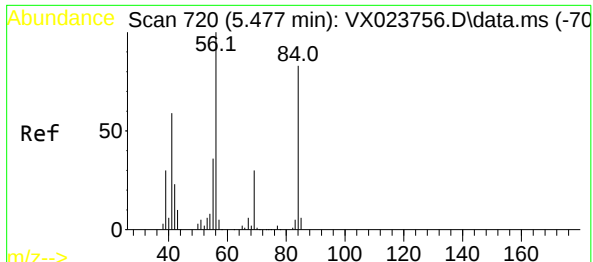
Tgt Ion: 49 Resp: 543
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 68.2 102.2#



#30
Chloroform
Concen: 2.340 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.006 min
Lab File: VX023970.D
Acq: 26 Aug 2021 17:07

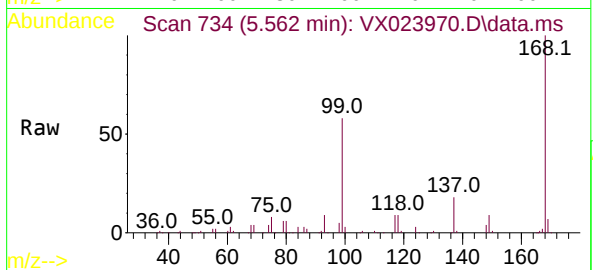
Tgt Ion: 83 Resp: 6564
Ion Ratio Lower Upper
83 100
85 71.6 52.0 78.0



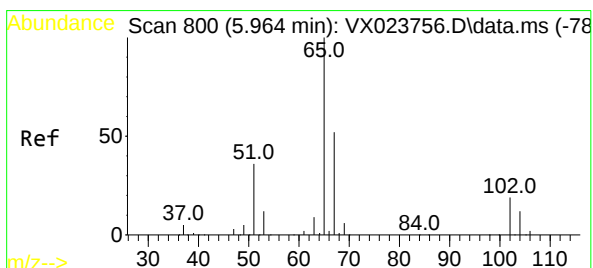
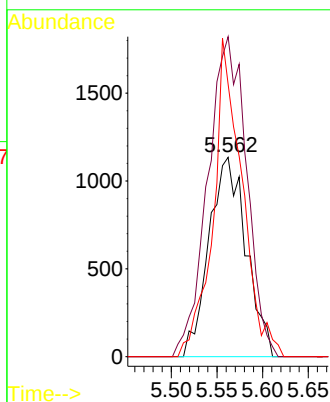
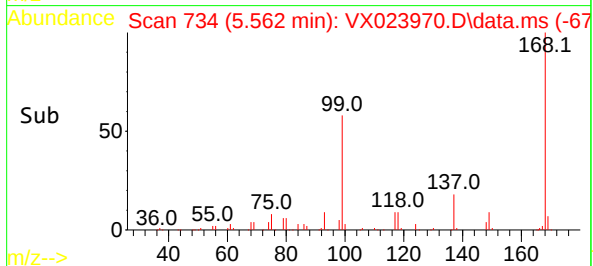


#31
Cyclohexane
Concen: 1.324 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023970.D
Acq: 26 Aug 2021 17:07

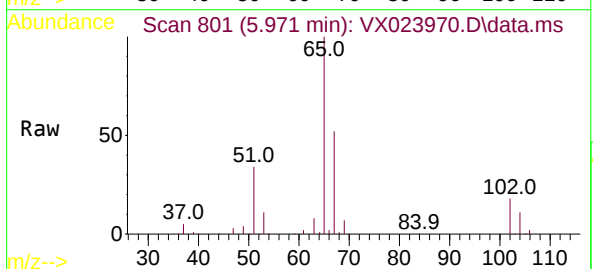
Instrument :
MSVOA_X
ClientSampleId :



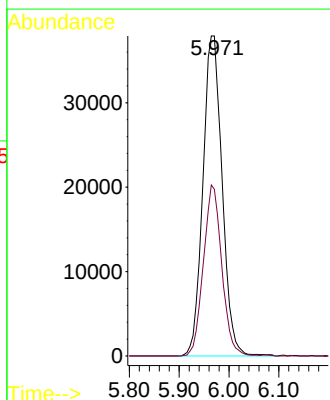
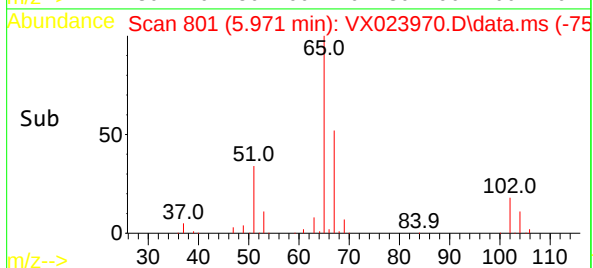
Tgt Ion: 56 Resp: 3208
Ion Ratio Lower Upper
56 100
69 160.5 25.3 37.9#
84 136.7 71.4 107.0#

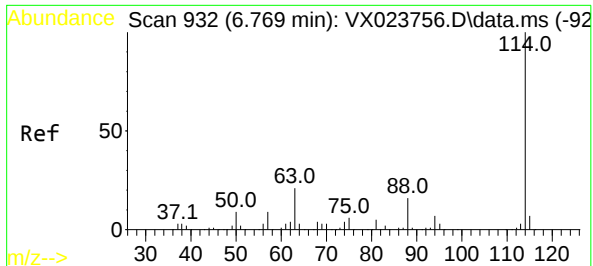


#33
1,2-Dichloroethane-d4
Concen: 53.935 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.007 min
Lab File: VX023970.D
Acq: 26 Aug 2021 17:07



Tgt Ion: 65 Resp: 101711
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.4

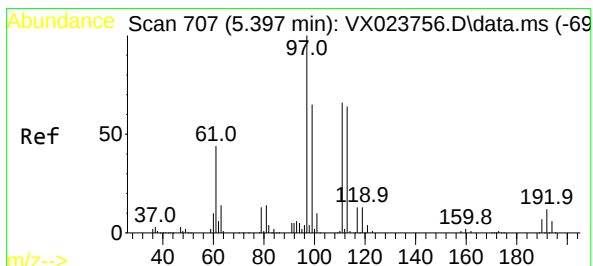
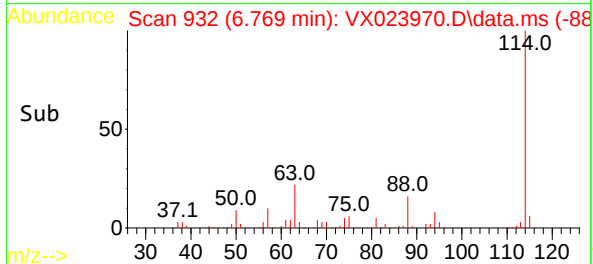
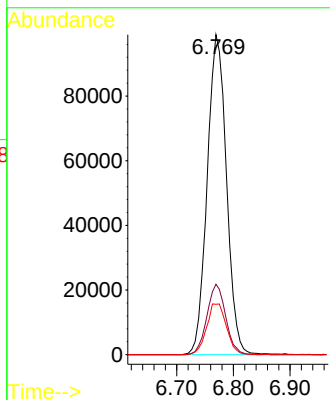
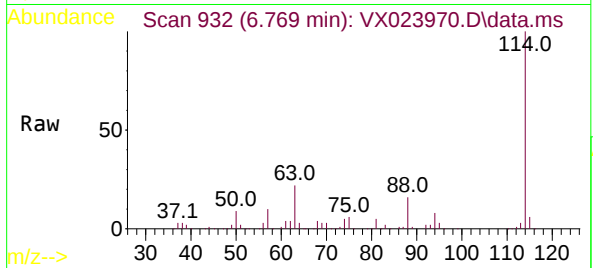




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023970.D
Acq: 26 Aug 2021 17:07

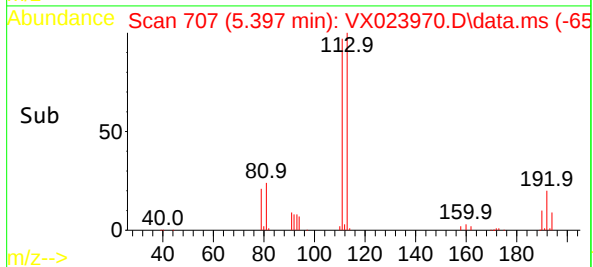
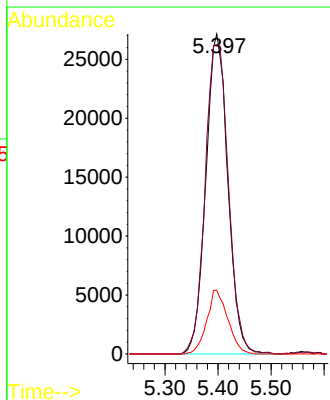
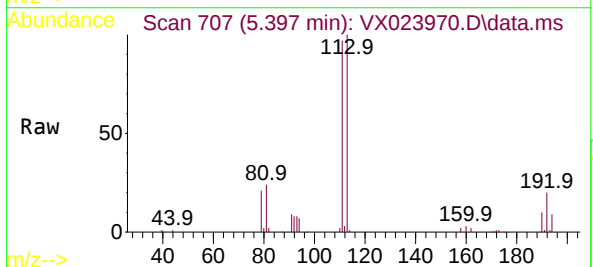
Instrument :
MSVOA_X
ClientSampled :

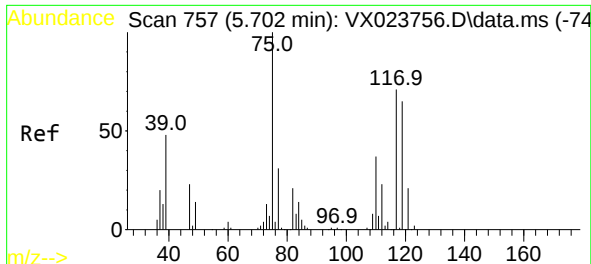
Tgt Ion:114 Resp: 234013
Ion Ratio Lower Upper
114 100
63 22.0 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.572 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023970.D
Acq: 26 Aug 2021 17:07

Tgt Ion:113 Resp: 78330
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 19.0 16.7 25.1

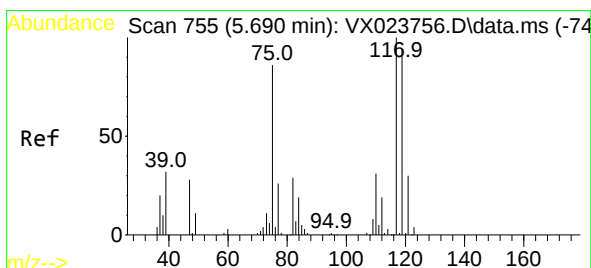
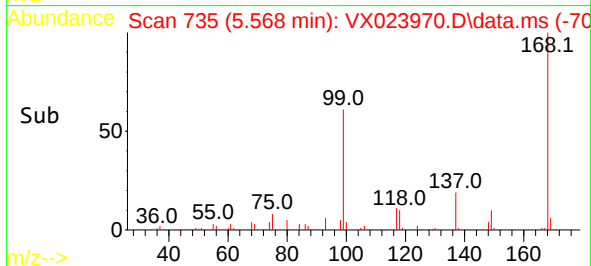
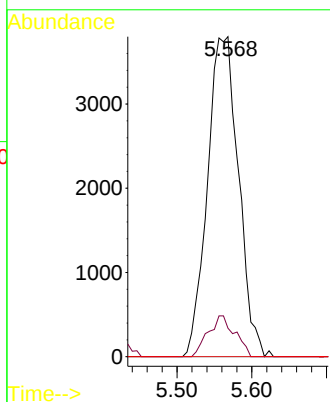
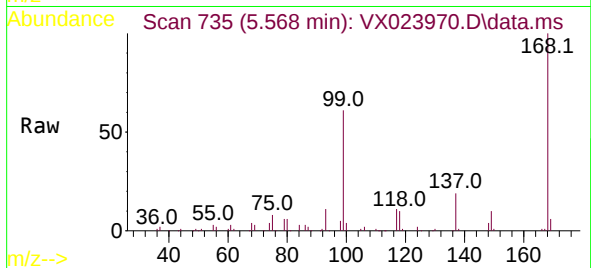




#36
1,1-Dichloropropene
Concen: 5.080 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX023970.D
Acq: 26 Aug 2021 17:07

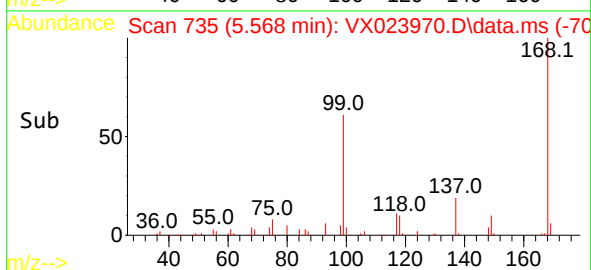
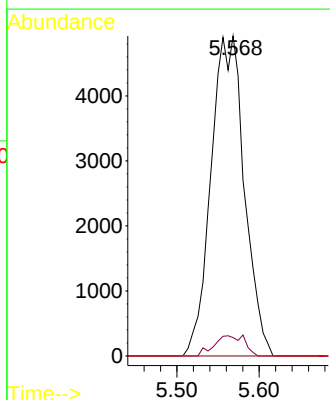
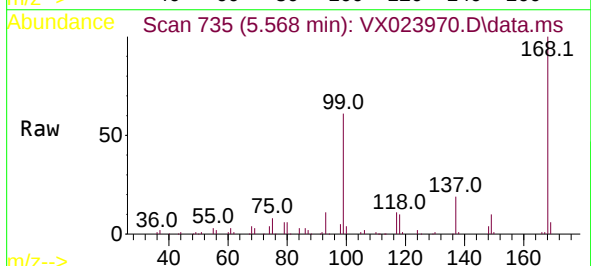
Instrument :
MSVOA_X
ClientSampled :

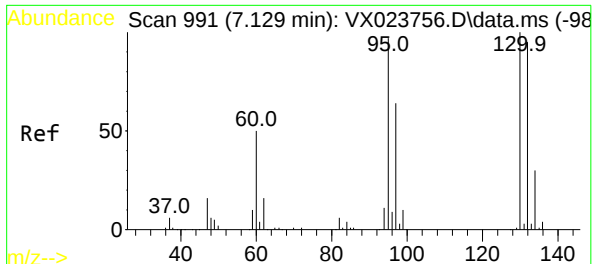
Tgt Ion: 75 Resp: 11008
Ion Ratio Lower Upper
75 100
110 10.9 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.143 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX023970.D
Acq: 26 Aug 2021 17:07

Tgt Ion: 117 Resp: 13882
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#

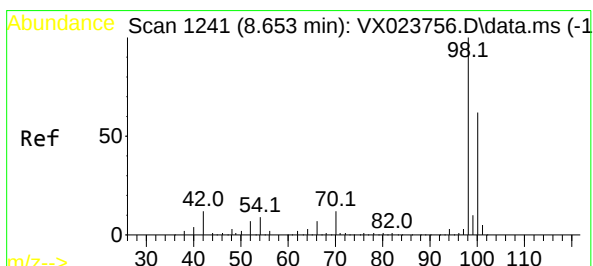
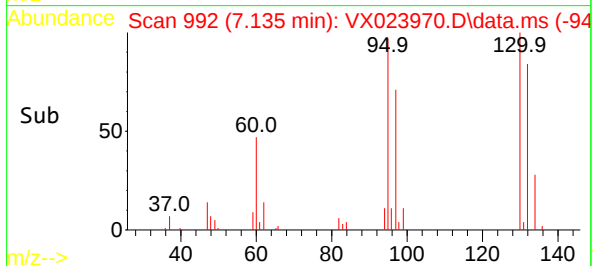
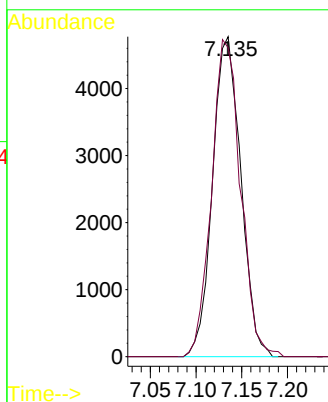
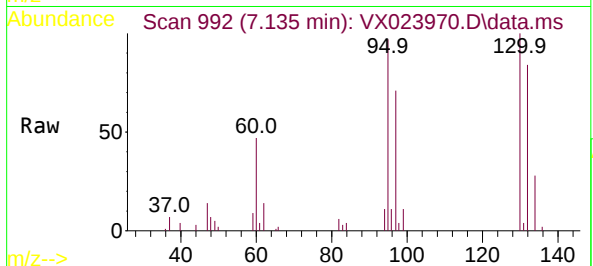




#44
Trichloroethene
Concen: 5.801 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX023970.D
Acq: 26 Aug 2021 17:07

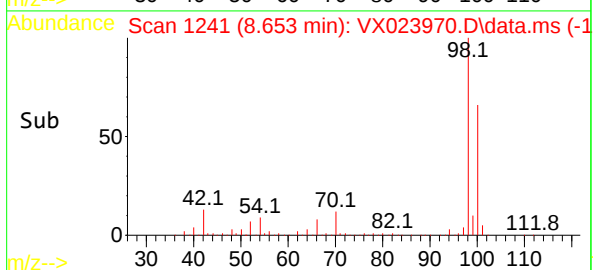
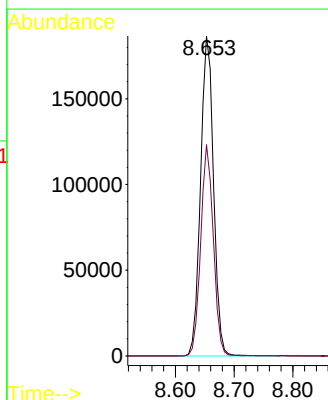
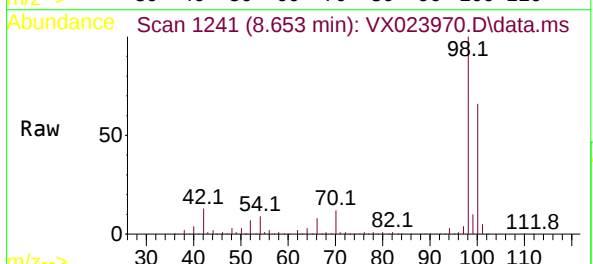
Instrument :
MSVOA_X
ClientSampleId :

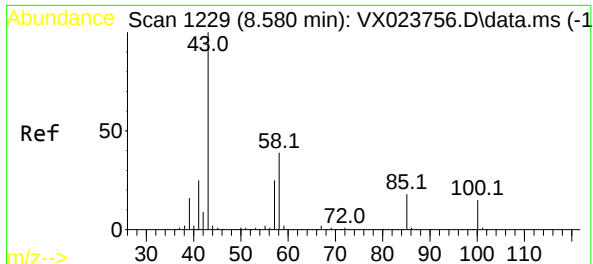
Tgt Ion:130 Resp: 10269
Ion Ratio Lower Upper
130 100
95 96.6 0.0 198.0



#50
Toluene-d8
Concen: 48.485 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX023970.D
Acq: 26 Aug 2021 17:07

Tgt Ion: 98 Resp: 285822
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

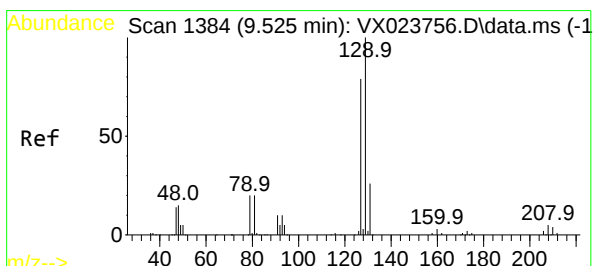
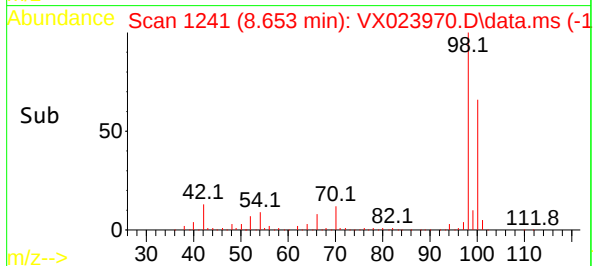
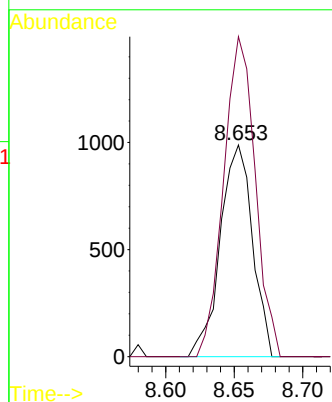
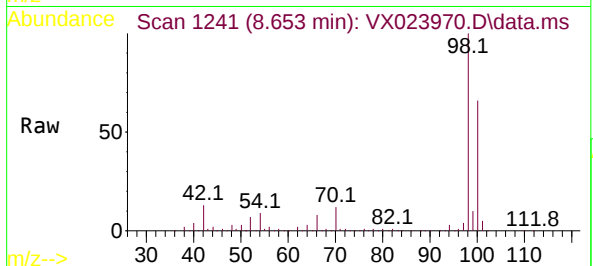




#51
4-Methyl-2-Pentanone
Concen: 0.600 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023970.D
Acq: 26 Aug 2021 17:07

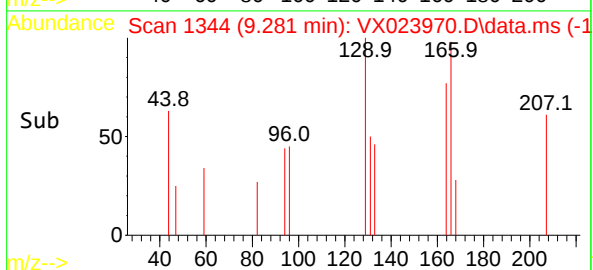
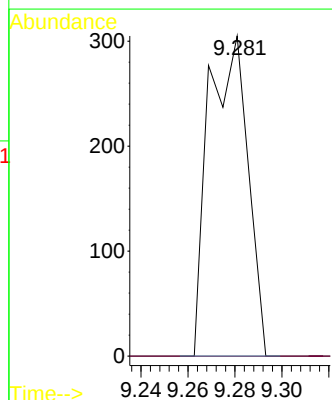
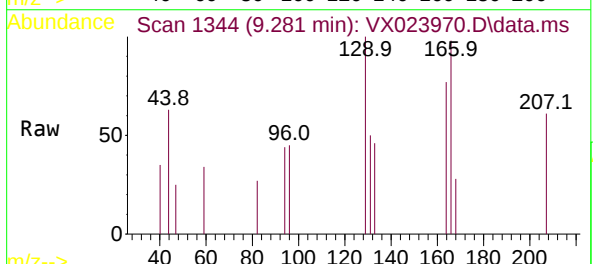
Instrument :
MSVOA_X
ClientSampled :

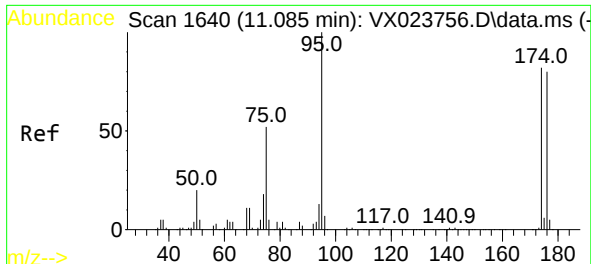
Tgt Ion: 43 Resp: 1616
Ion Ratio Lower Upper
43 100
58 148.0 35.4 53.0#



#60
Dibromochloromethane
Concen: 1.869 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX023970.D
Acq: 26 Aug 2021 17:07

Tgt Ion: 129 Resp: 353
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

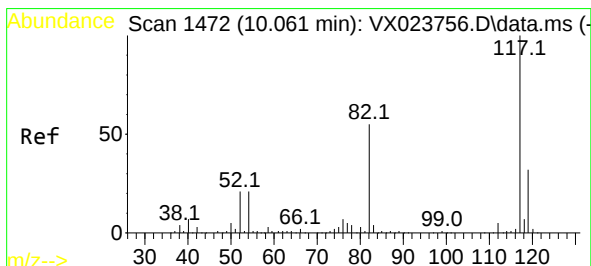
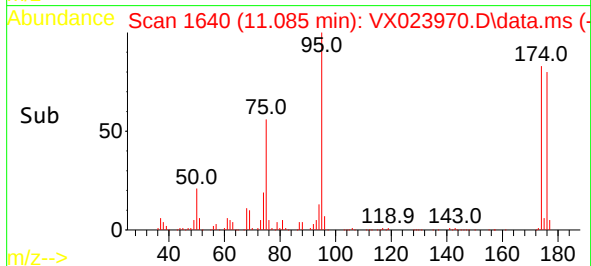
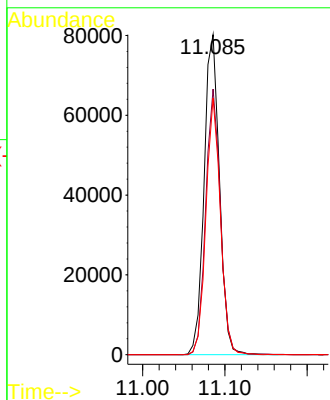
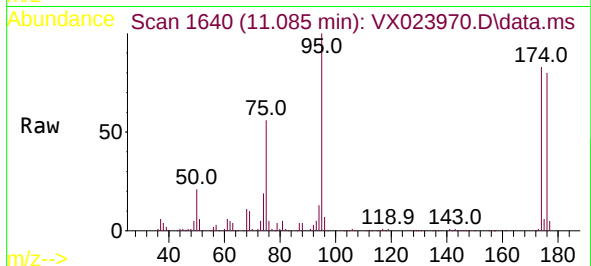




#62
4-Bromofluorobenzene
Concen: 47.955 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023970.D
Acq: 26 Aug 2021 17:07

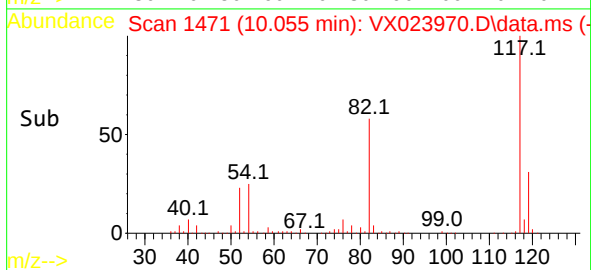
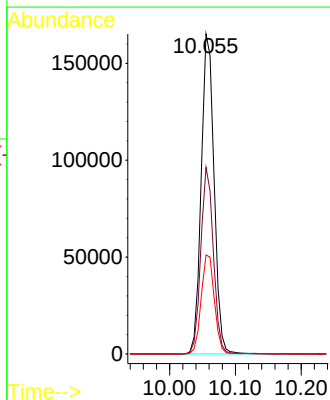
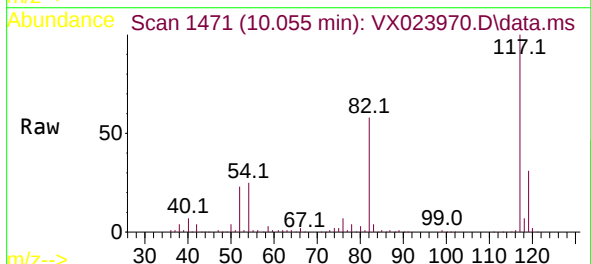
Instrument :
MSVOA_X
ClientSampleId :

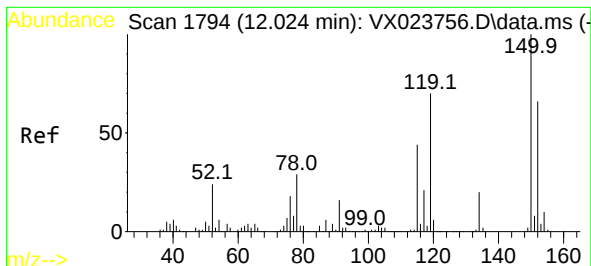
Tgt Ion: 95 Resp: 104069
Ion Ratio Lower Upper
95 100
174 79.5 0.0 154.6
176 75.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023970.D
Acq: 26 Aug 2021 17:07

Tgt Ion: 117 Resp: 224827
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.2
119 30.9 26.6 39.8

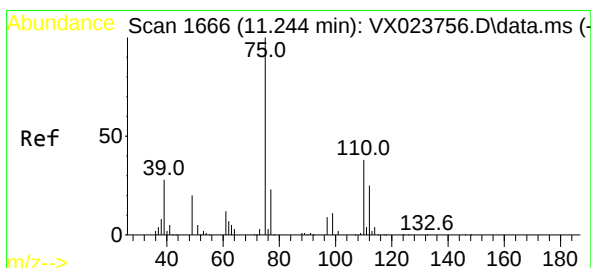
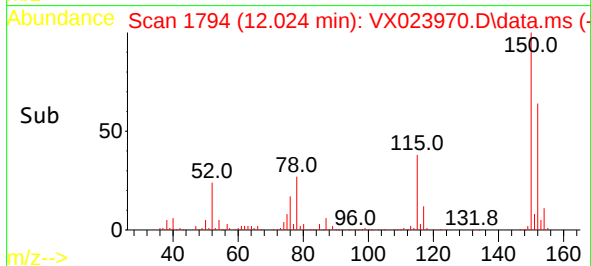
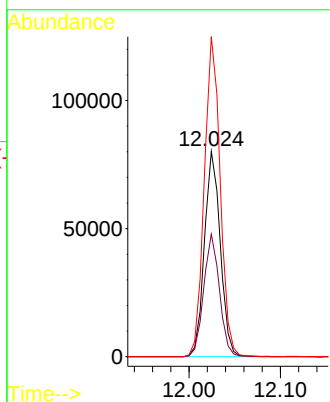
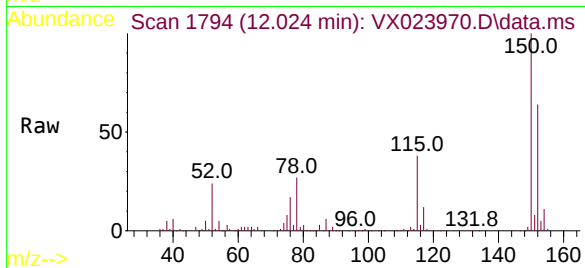




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023970.D
Acq: 26 Aug 2021 17:07

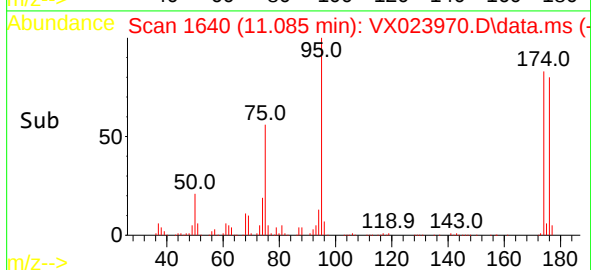
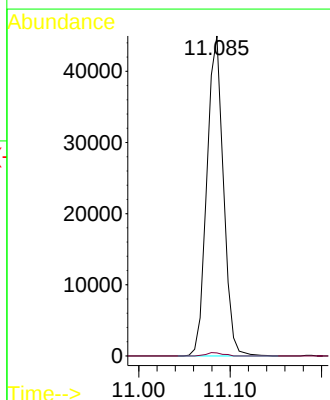
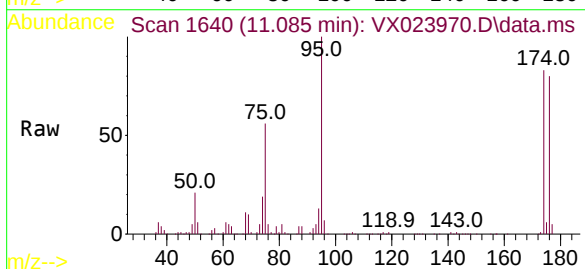
Instrument :
MSVOA_X
ClientSampled :

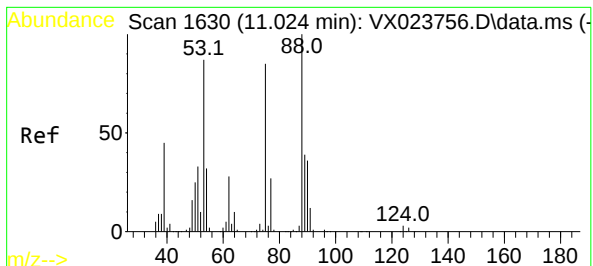
Tgt Ion:152 Resp: 96271
Ion Ratio Lower Upper
152 100
115 59.1 41.1 123.3
150 156.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.120 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023970.D
Acq: 26 Aug 2021 17:07

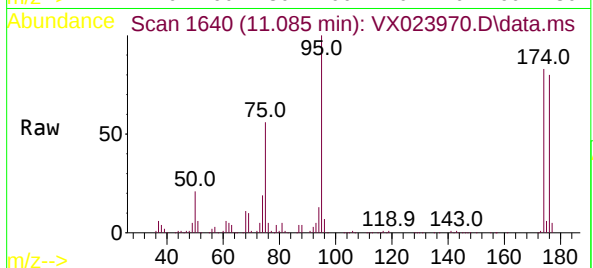
Tgt Ion: 75 Resp: 56414
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 73.893 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023970.D
Acq: 26 Aug 2021 17:07

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 56414
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

