

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070621\
 Data File : VX023154.D
 Acq On : 06 Jul 2021 18:27
 Operator : JC/MD
 Sample : M2923-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 07 02:54:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

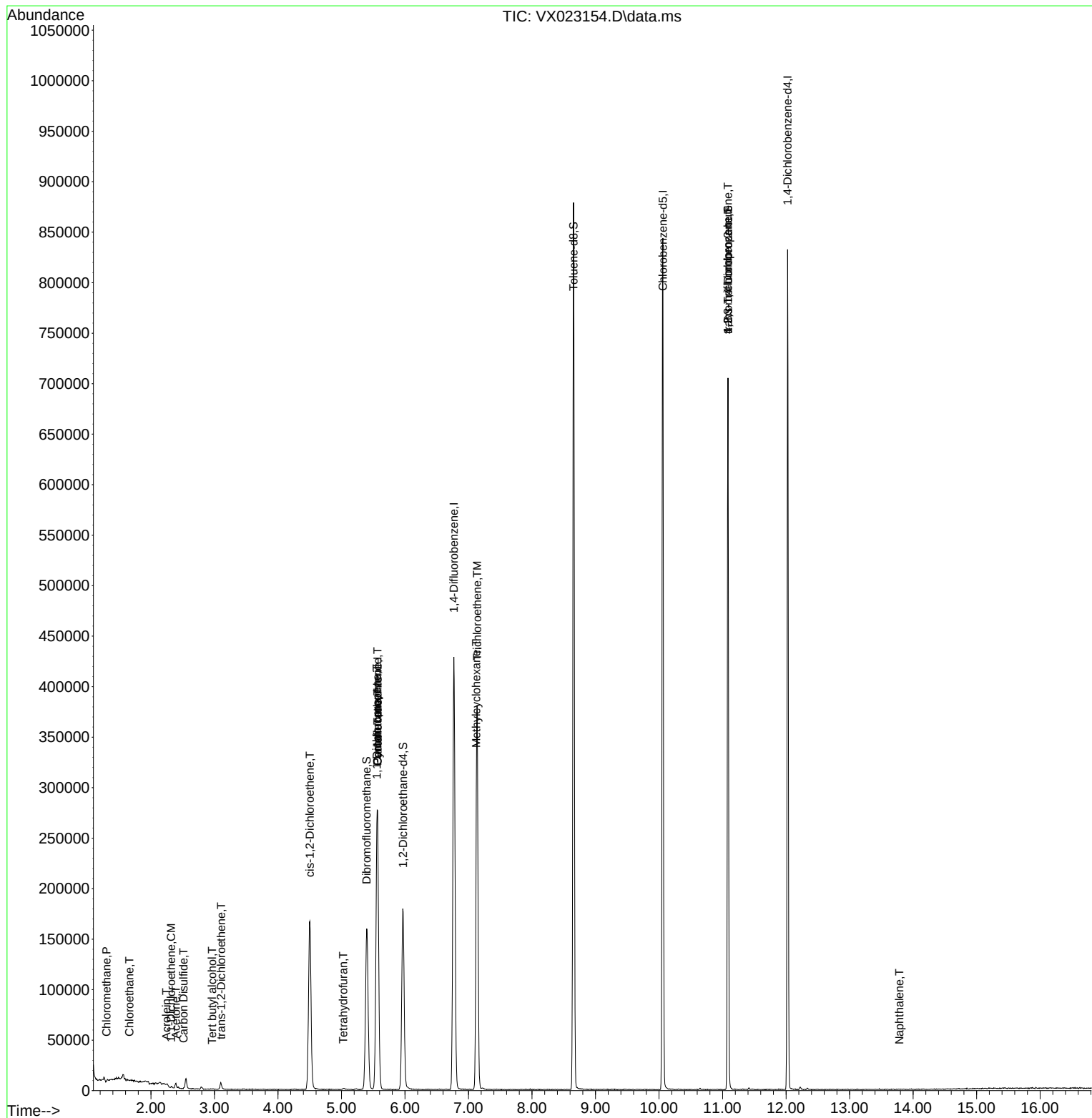
Internal Standards						
1) Pentafluorobenzene	5.568	168	259125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	428592	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	383265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	166138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	180251	51.757	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.520%
35) Dibromofluoromethane	5.397	113	137444	49.661	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.320%
50) Toluene-d8	8.653	98	512772	49.668	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.340%
62) 4-Bromofluorobenzene	11.085	95	188543	47.305	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.620%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	574	0.247	ug/l	99
5) Bromomethane	1.623	94	546	Below Cal	#	61
6) Chloroethane	1.660	64	482	0.300	ug/l #	43
11) Tert butyl alcohol	2.965	59	333	0.455	ug/l #	93
12) 1,1-Dichloroethene	2.318	96	646	0.280	ug/l #	77
13) Acrolein	2.239	56	121	0.248	ug/l #	1
16) Acetone	2.392	43	5642	4.095	ug/l	96
17) Carbon Disulfide	2.513	76	1328	0.273	ug/l #	75
21) trans-1,2-Dichloroethene	3.105	96	2146	0.860	ug/l #	92
27) cis-1,2-Dichloroethene	4.501	96	106027	35.089	ug/l	92
29) Tetrahydrofuran	5.025	42	1022	0.765	ug/l #	76
31) Cyclohexane	5.568	56	6224	1.493	ug/l #	18
36) 1,1-Dichloropropene	5.556	75	21372	5.594	ug/l #	49
38) Carbon Tetrachloride	5.568	117	26884	6.741	ug/l #	16
39) Methylcyclohexane	7.122	83	1941	0.434	ug/l #	1
44) Trichloroethene	7.135	130	145481	46.230	ug/l	95
76) 1,2,3-Trichloropropane	11.085	75	99030	29.621	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	99030	79.593	ug/l #	12
95) Naphthalene	13.786	128	233	1.294	ug/l #	69

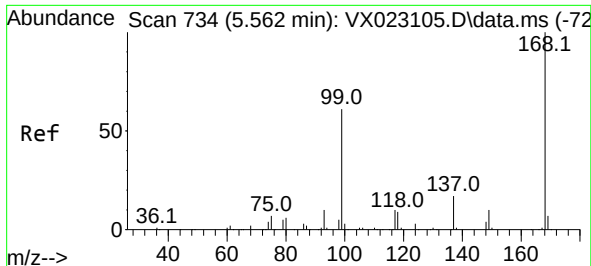
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070621\
Data File : VX023154.D
Acq On : 06 Jul 2021 18:27
Operator : JC/MD
Sample : M2923-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 07 02:54:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 02 14:29:42 2021
Response via : Initial Calibration

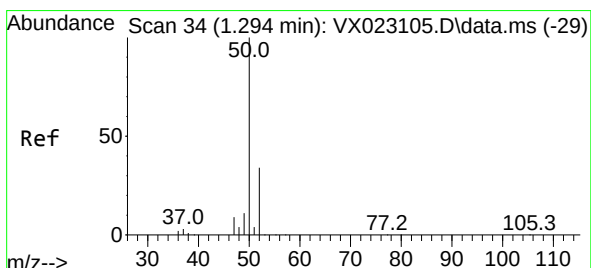
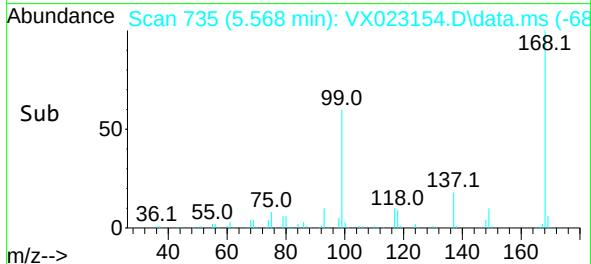
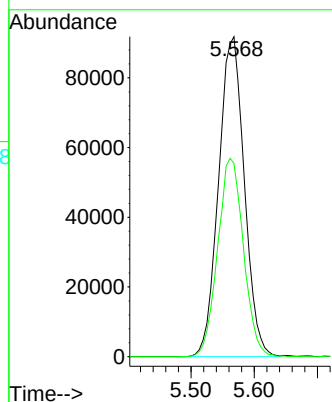
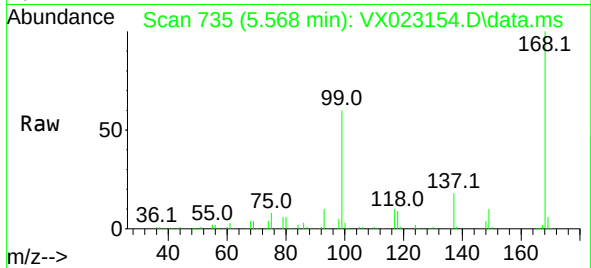




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX023154.D
Acq: 06 Jul 2021 18:27

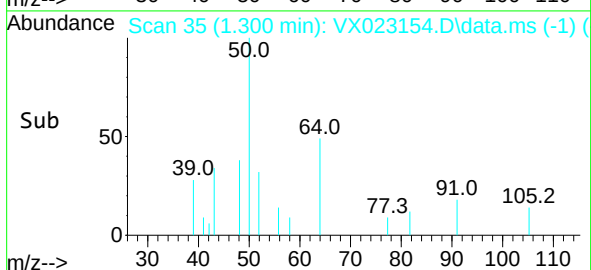
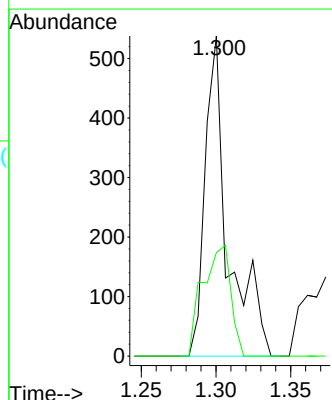
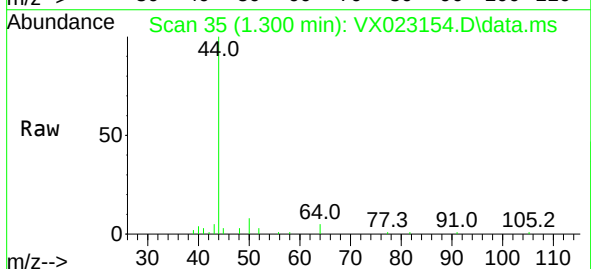
Instrument :
MSVOA_X
ClientSampled :

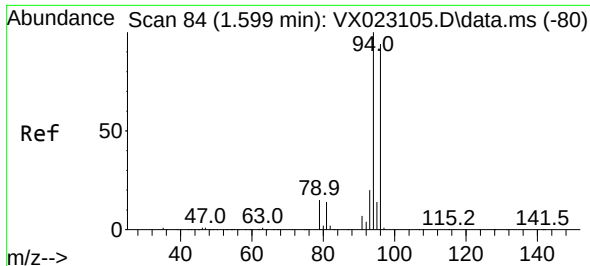
Tgt Ion:168 Resp: 259125
Ion Ratio Lower Upper
168 100
99 60.4 45.8 68.6



#3
Chloromethane
Concen: 0.247 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX023154.D
Acq: 06 Jul 2021 18:27

Tgt Ion: 50 Resp: 574
Ion Ratio Lower Upper
50 100
52 32.3 26.4 39.6

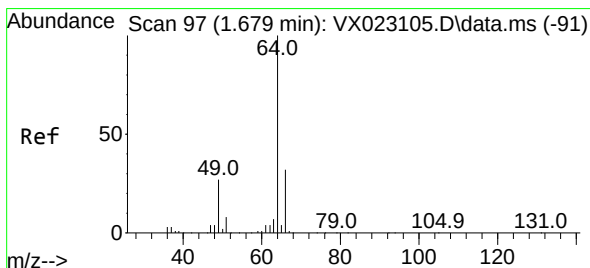
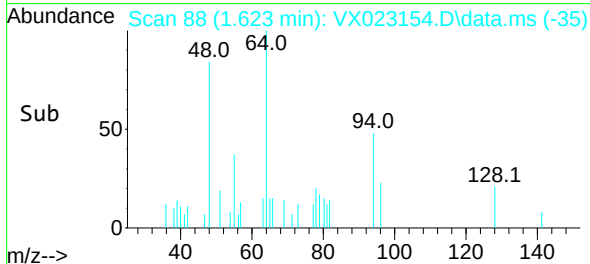
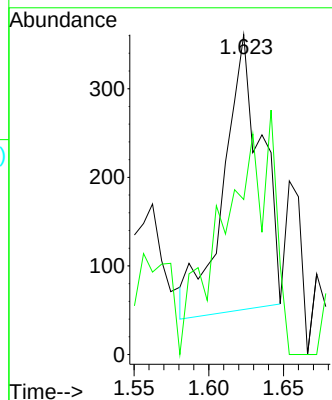
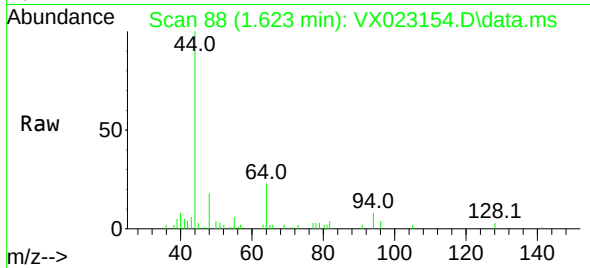




#5
Bromomethane
Concen: Below Cal
RT: 1.623 min Scan# 88
Delta R.T. 0.024 min
Lab File: VX023154.D
Acq: 06 Jul 2021 18:27

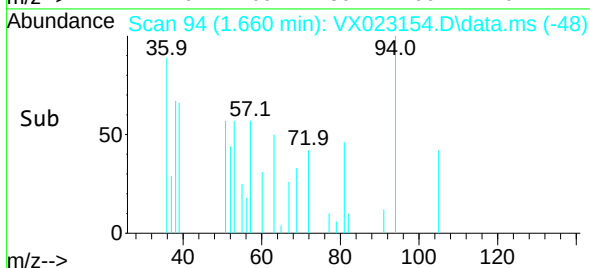
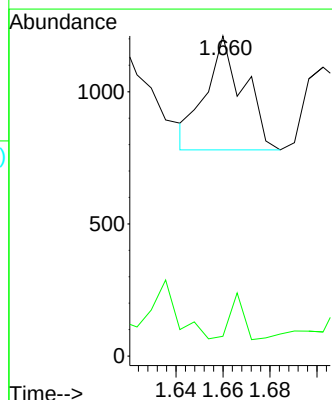
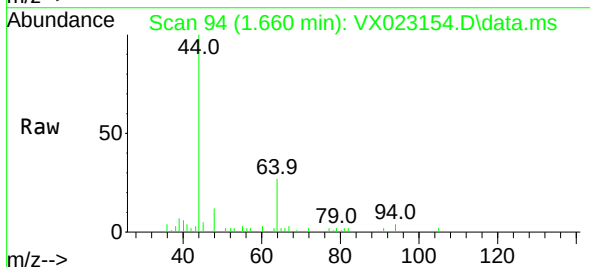
Instrument :
MSVOA_X
ClientSampled :

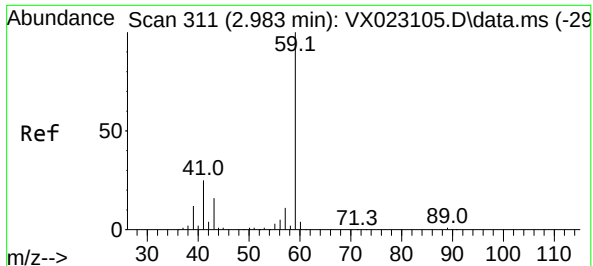
Tgt Ion: 94 Resp: 546
Ion Ratio Lower Upper
94 100
96 57.6 76.4 114.6#



#6
Chloroethane
Concen: 0.300 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX023154.D
Acq: 06 Jul 2021 18:27

Tgt Ion: 64 Resp: 482
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



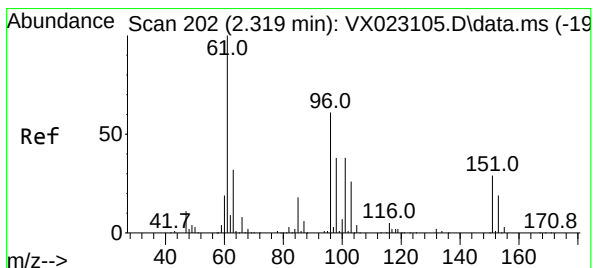
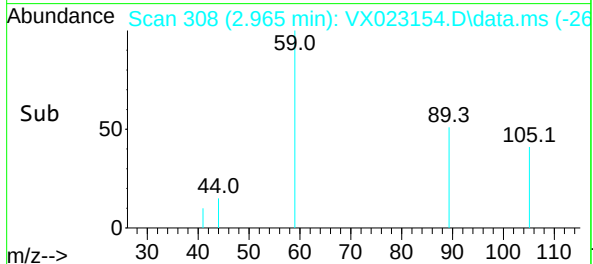
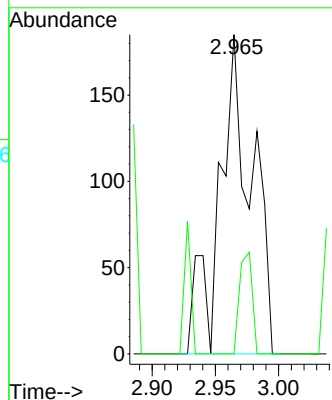
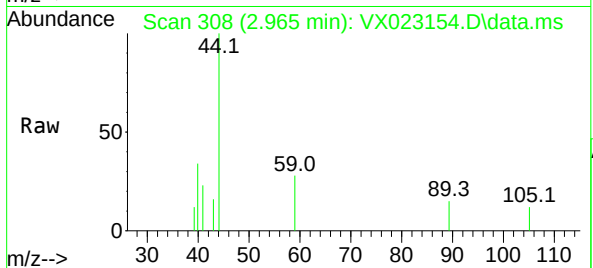


#11

Tert butyl alcohol
Concen: 0.455 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX023154.D
Acq: 06 Jul 2021 18:27

Instrument :
MSVOA_X
ClientSampled :

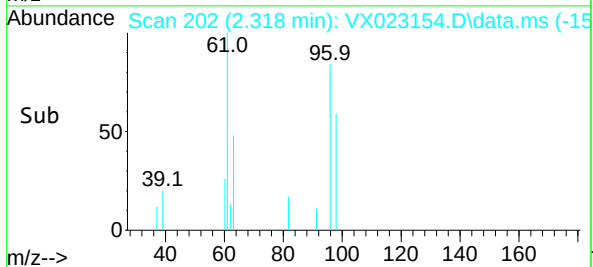
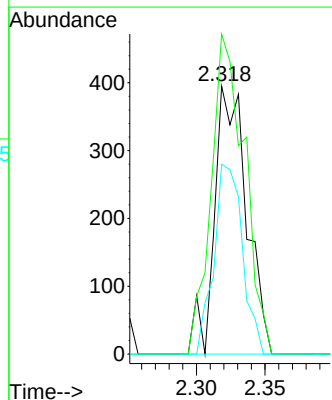
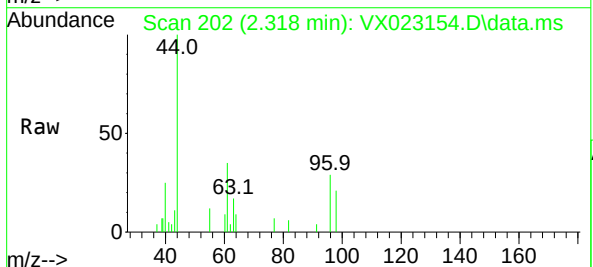
Tgt Ion: 59 Resp: 333
Ion Ratio Lower Upper
59 100
57 12.3 7.8 11.8#

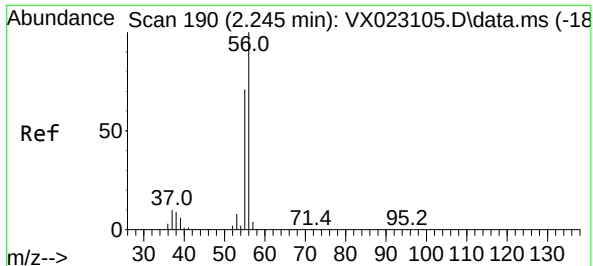


#12

1,1-Dichloroethene
Concen: 0.280 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.001 min
Lab File: VX023154.D
Acq: 06 Jul 2021 18:27

Tgt Ion: 96 Resp: 646
Ion Ratio Lower Upper
96 100
61 119.5 124.6 187.0#
98 70.9 50.6 76.0

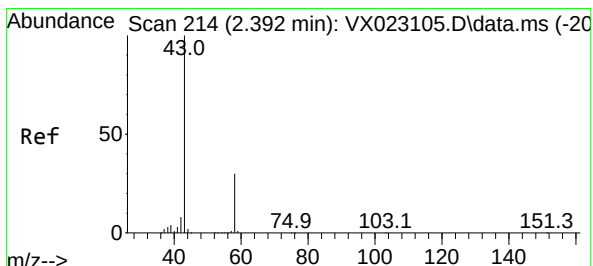
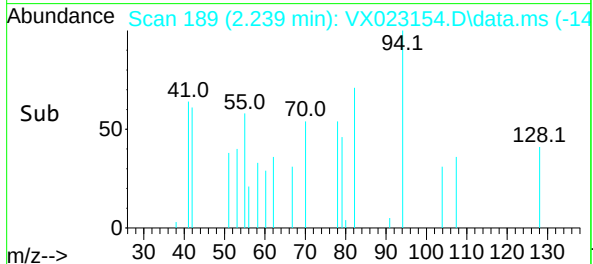
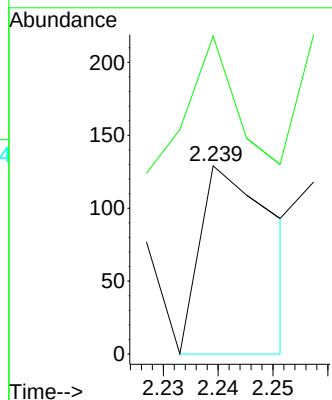
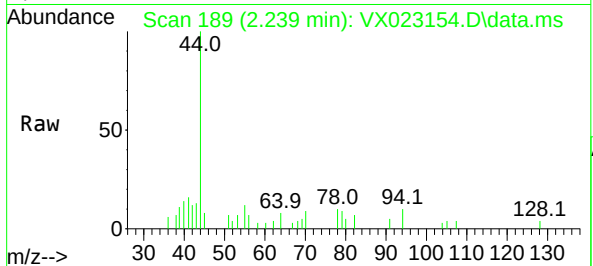




#13
Acrolein
Concen: 0.248 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX023154.D
Acq: 06 Jul 2021 18:27

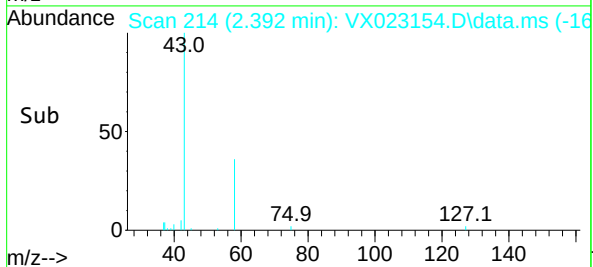
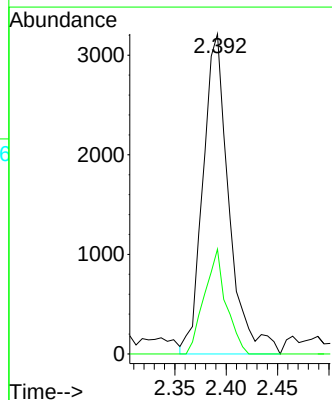
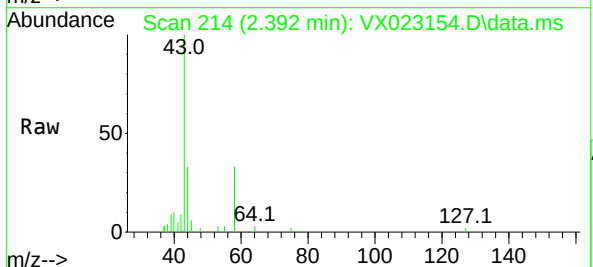
Instrument :
MSVOA_X
ClientSampled :

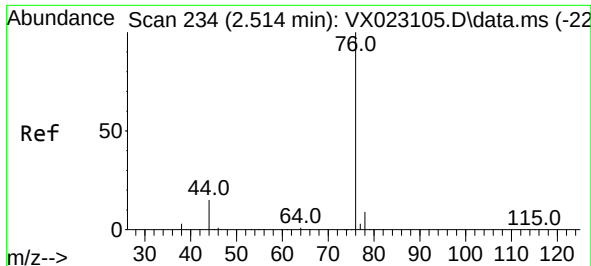
Tgt Ion: 56 Resp: 121
Ion Ratio Lower Upper
56 100
55 196.7 56.4 84.6#



#16
Acetone
Concen: 4.095 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023154.D
Acq: 06 Jul 2021 18:27

Tgt Ion: 43 Resp: 5642
Ion Ratio Lower Upper
43 100
58 32.8 27.8 41.8

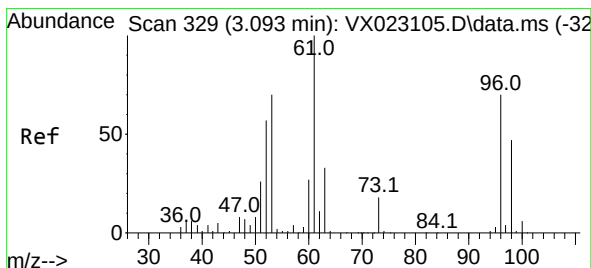
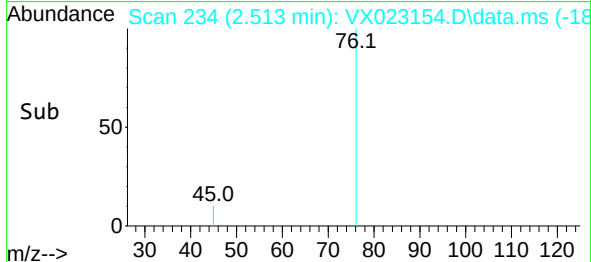
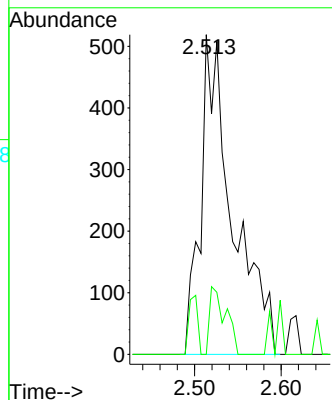
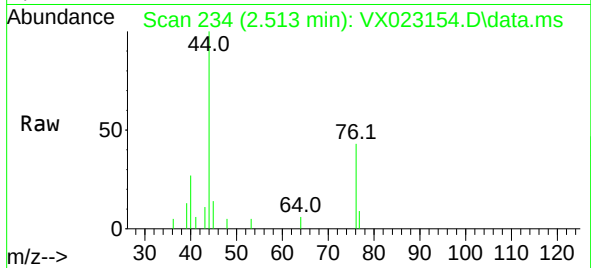




#17
Carbon Disulfide
Concen: 0.273 ug/l
RT: 2.513 min Scan# 234
Delta R.T. -0.001 min
Lab File: VX023154.D
Acq: 06 Jul 2021 18:27

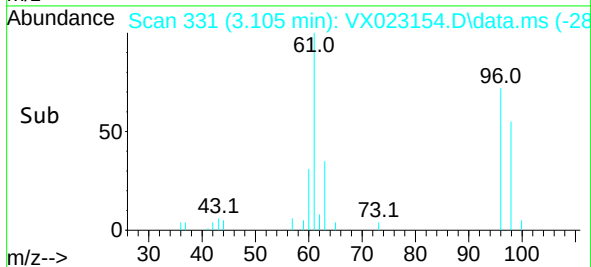
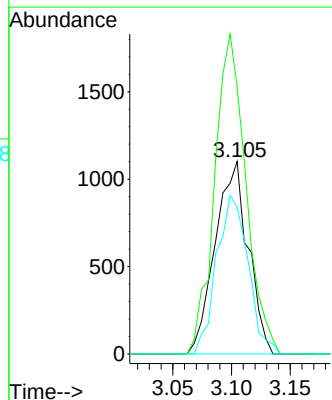
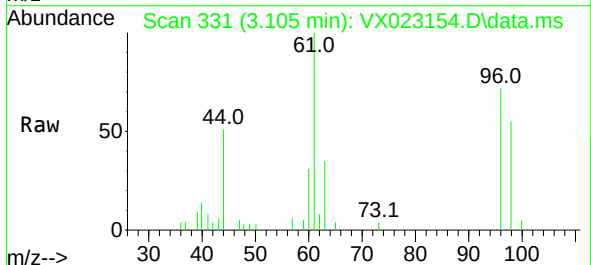
Instrument :
MSVOA_X
ClientSampled :

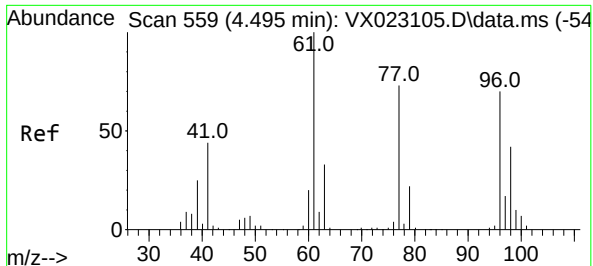
Tgt Ion: 76 Resp: 1328
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#21
trans-1,2-Dichloroethene
Concen: 0.860 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.012 min
Lab File: VX023154.D
Acq: 06 Jul 2021 18:27

Tgt Ion: 96 Resp: 2146
Ion Ratio Lower Upper
96 100
61 138.5 107.7 161.5
98 76.3 50.4 75.6#





#27

cis-1,2-Dichloroethene

Concen: 35.089 ug/l

RT: 4.501 min Scan# 560

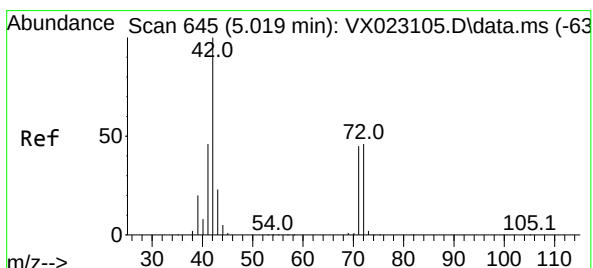
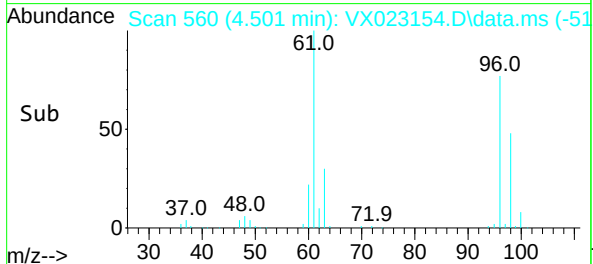
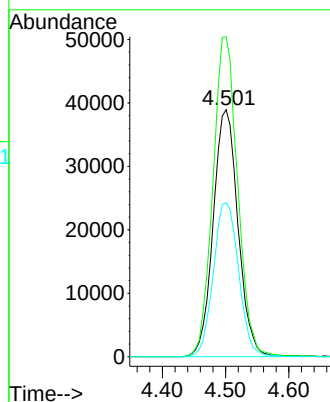
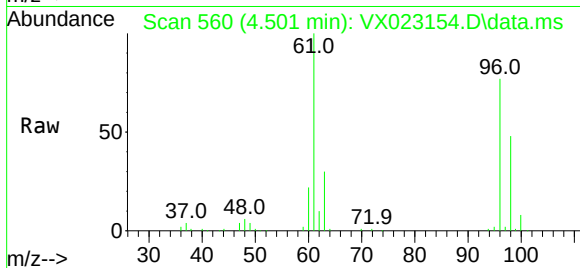
Delta R.T. 0.006 min

Lab File: VX023154.D

Acq: 06 Jul 2021 18:27

Tgt Ion: 96 Resp: 106027

Ion	Ratio	Lower	Upper
96	100		
61	129.4	0.0	285.6
98	63.5	0.0	129.6



#29

Tetrahydrofuran

Concen: 0.765 ug/l

RT: 5.025 min Scan# 646

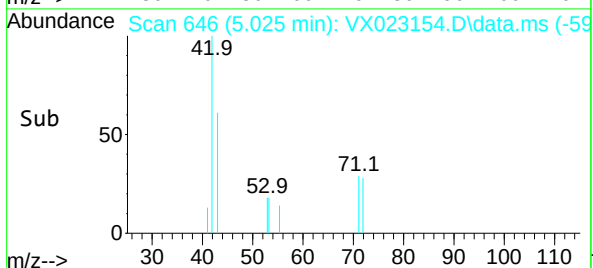
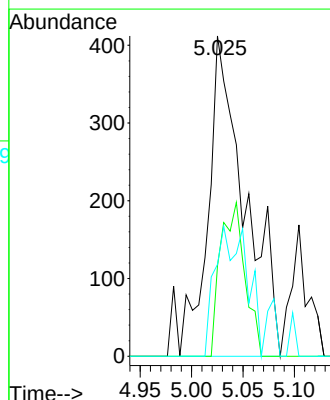
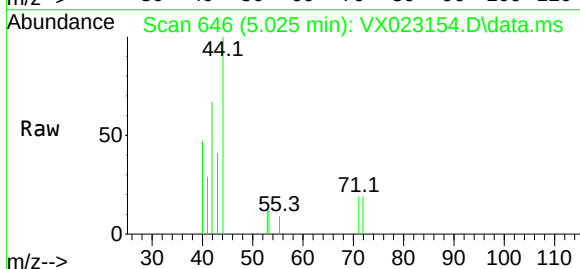
Delta R.T. 0.006 min

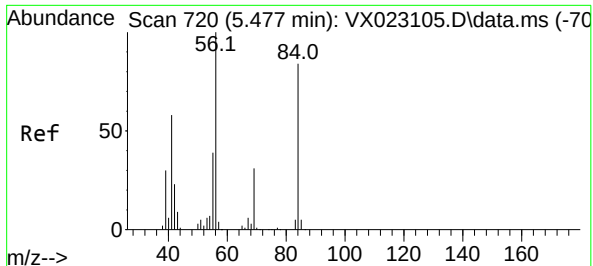
Lab File: VX023154.D

Acq: 06 Jul 2021 18:27

Tgt Ion: 42 Resp: 1022

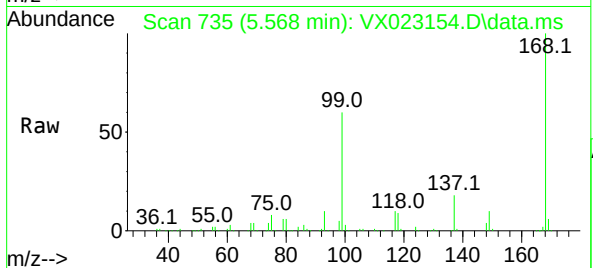
Ion	Ratio	Lower	Upper
42	100		
72	31.9	41.7	62.5#
71	35.2	38.4	57.6#



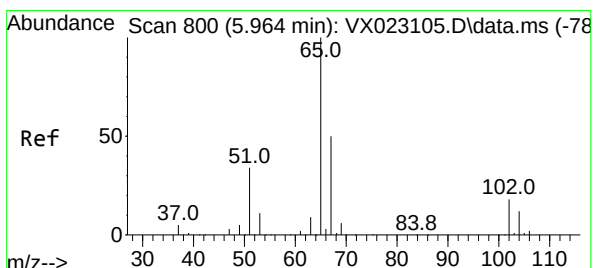
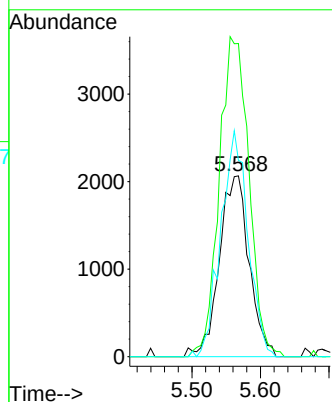
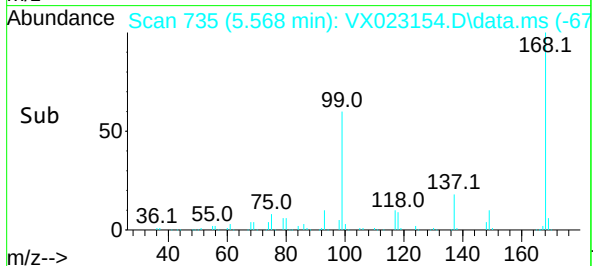


#31
Cyclohexane
Concen: 1.493 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX023154.D
Acq: 06 Jul 2021 18:27

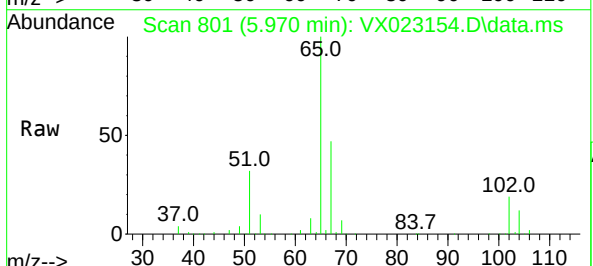
Instrument :
MSVOA_X
ClientSampled :



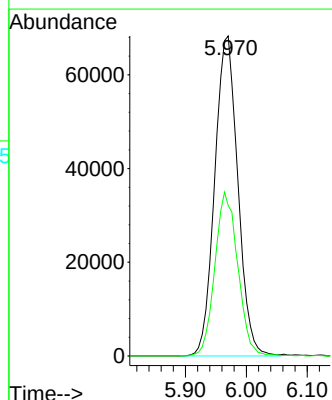
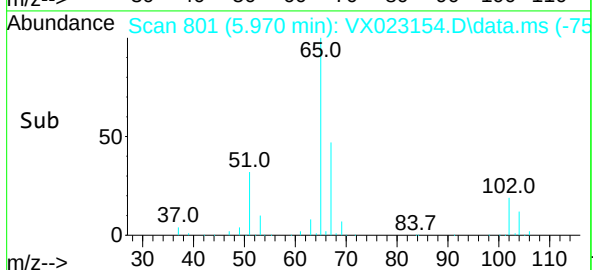
Tgt Ion: 56 Resp: 6224
Ion Ratio Lower Upper
56 100
69 173.1 25.3 37.9#
84 108.5 71.4 107.0#

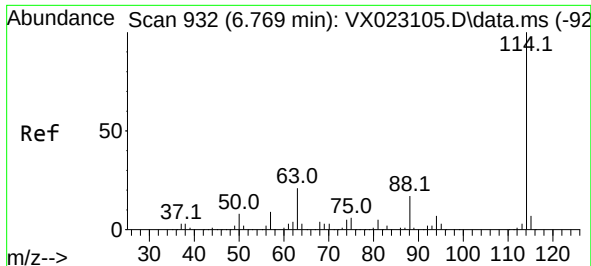


#33
1,2-Dichloroethane-d4
Concen: 51.757 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX023154.D
Acq: 06 Jul 2021 18:27



Tgt Ion: 65 Resp: 180251
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.4

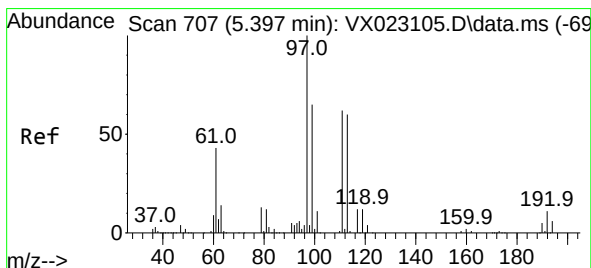
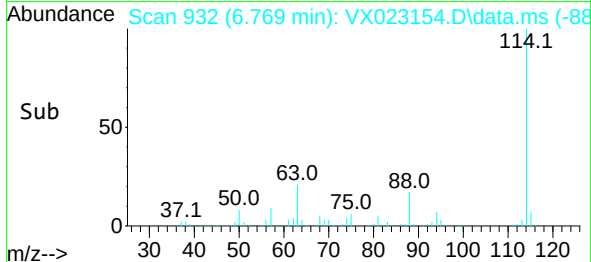
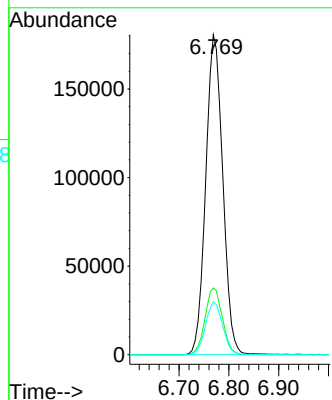
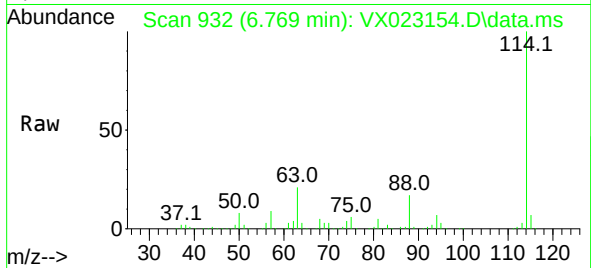




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023154.D
Acq: 06 Jul 2021 18:27

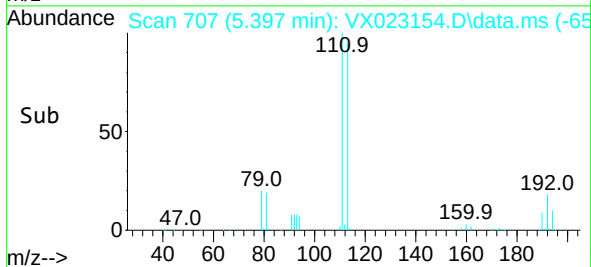
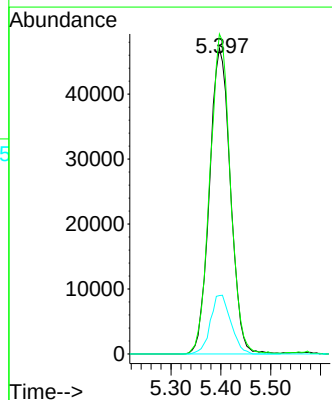
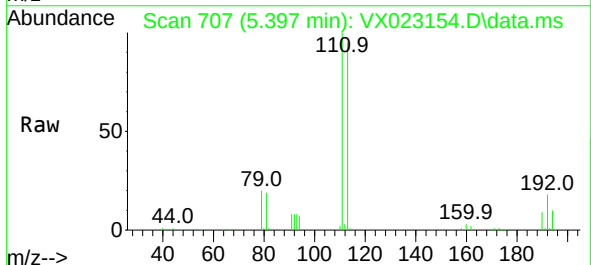
Instrument :
MSVOA_X
ClientSampleId :

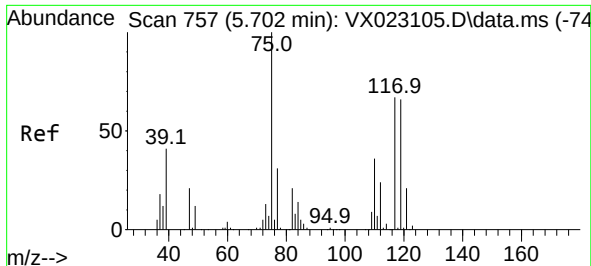
Tgt Ion:114 Resp: 428592
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.661 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023154.D
Acq: 06 Jul 2021 18:27

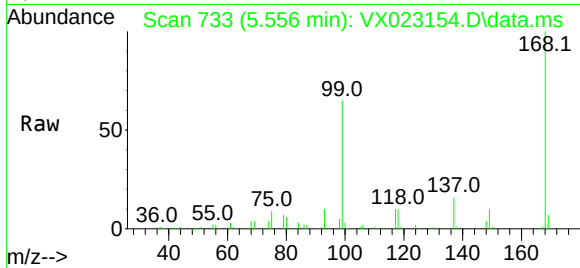
Tgt Ion:113 Resp: 137444
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 18.7 16.7 25.1



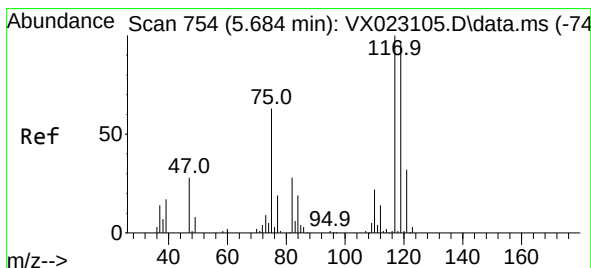
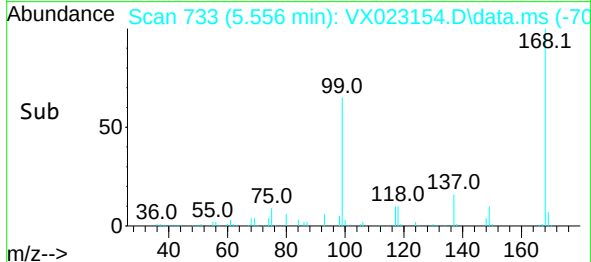
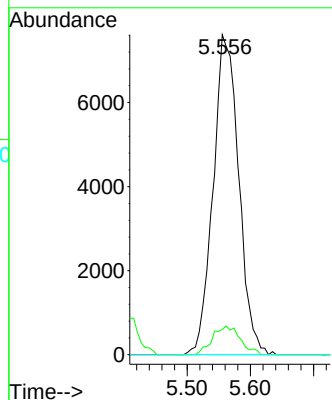


#36
1,1-Dichloropropene
Concen: 5.594 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX023154.D
Acq: 06 Jul 2021 18:27

Instrument :
MSVOA_X
ClientSampled :

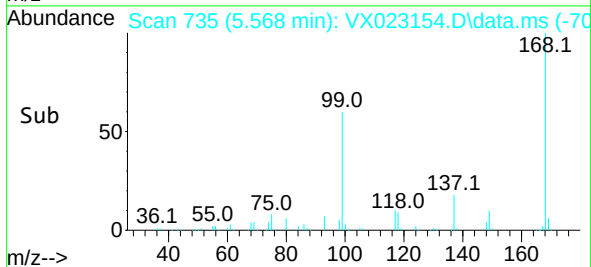
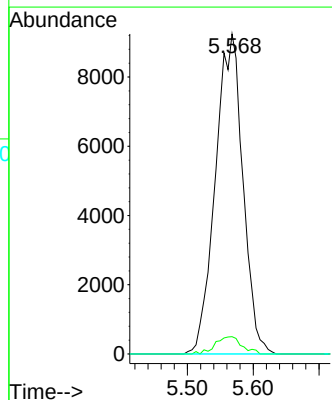
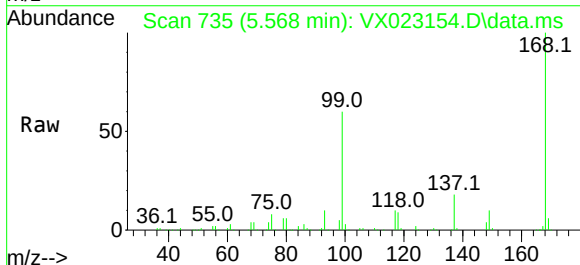


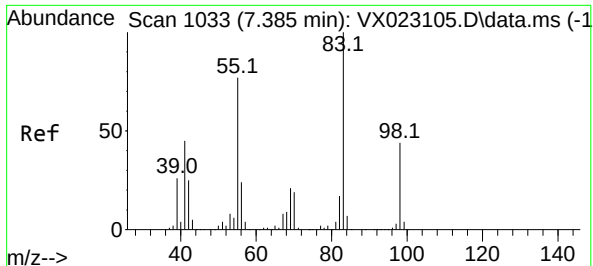
Tgt Ion: 75 Resp: 21372
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.741 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX023154.D
Acq: 06 Jul 2021 18:27

Tgt Ion: 117 Resp: 26884
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.434 ug/l

RT: 7.122 min Scan# 990

Delta R.T. -0.263 min

Lab File: VX023154.D

Acq: 06 Jul 2021 18:27

Tgt Ion: 83 Resp: 1941

Ion Ratio Lower Upper

83 100

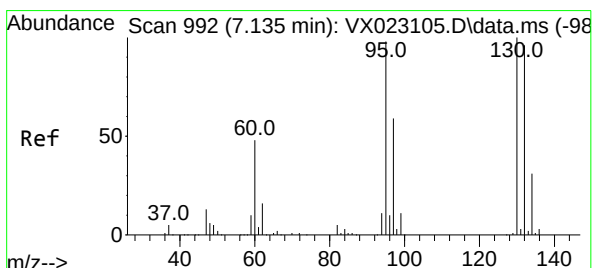
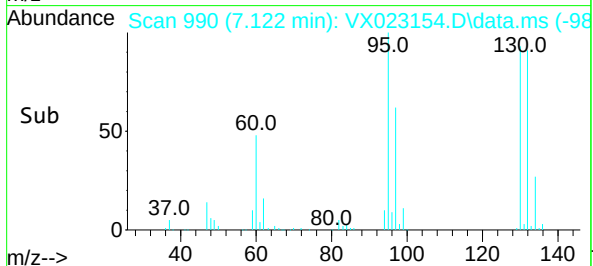
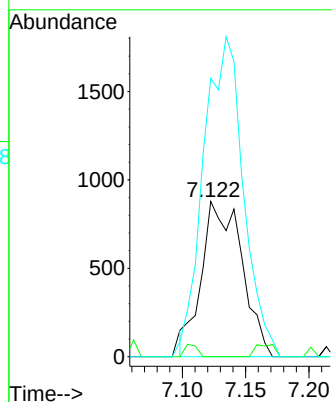
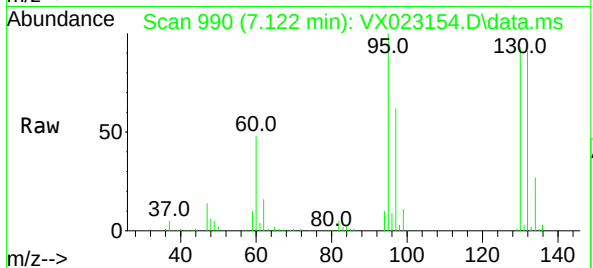
55 0.0 58.9 88.3#

98 179.4 38.1 57.1#

Instrument :

MSVOA_X

ClientSampleId :



#44

Trichloroethene

Concen: 46.230 ug/l

RT: 7.135 min Scan# 992

Delta R.T. -0.000 min

Lab File: VX023154.D

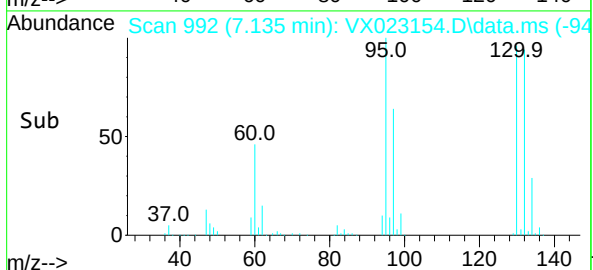
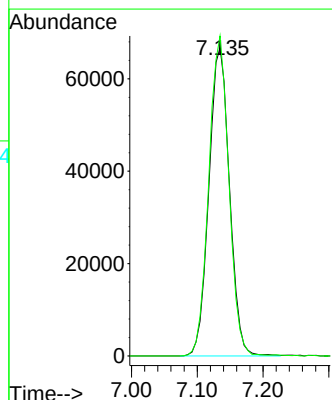
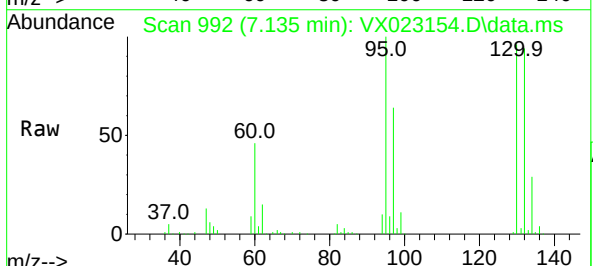
Acq: 06 Jul 2021 18:27

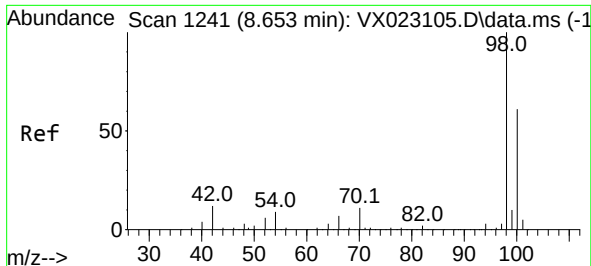
Tgt Ion:130 Resp: 145481

Ion Ratio Lower Upper

130 100

95 103.8 0.0 198.0





#50

Toluene-d8

Concen: 49.668 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023154.D

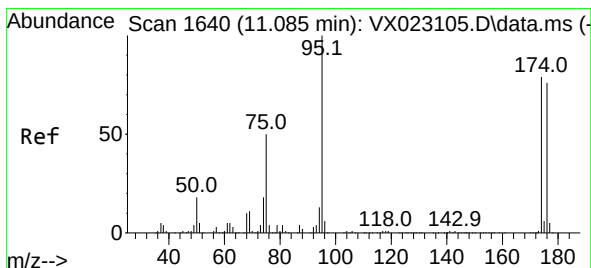
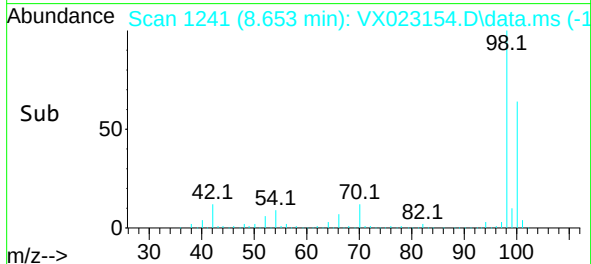
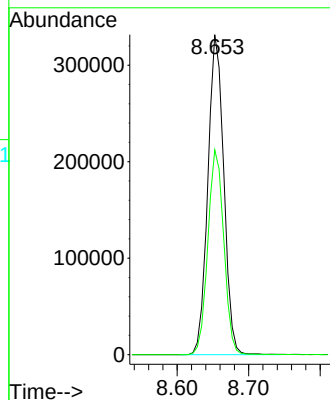
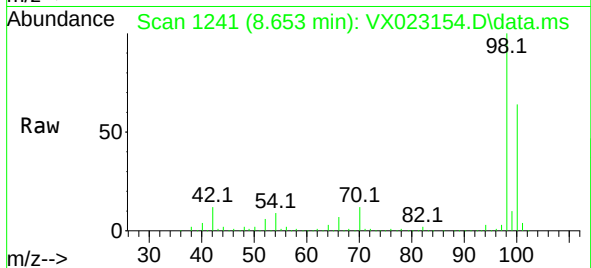
Acq: 06 Jul 2021 18:27

Tgt Ion: 98 Resp: 512772

Ion Ratio Lower Upper

98 100

100 64.1 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 47.305 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX023154.D

Acq: 06 Jul 2021 18:27

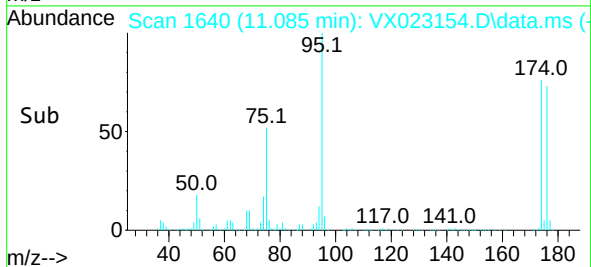
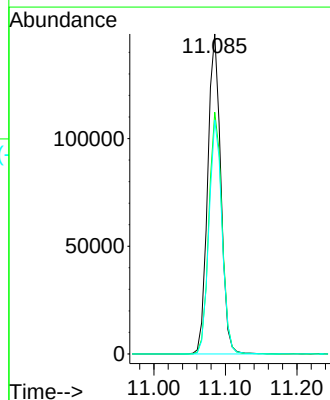
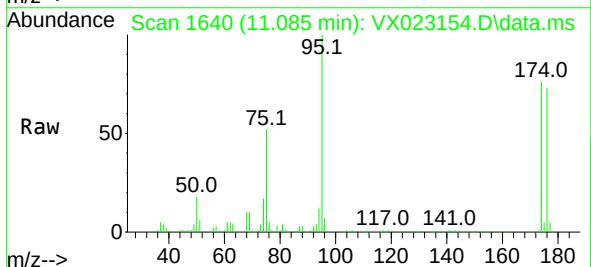
Tgt Ion: 95 Resp: 188543

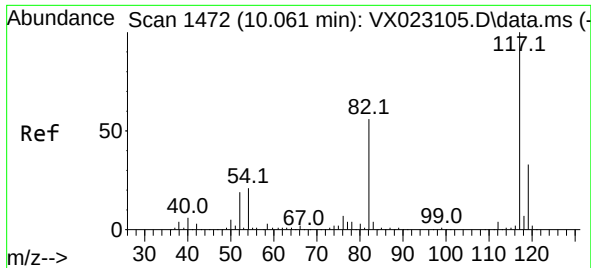
Ion Ratio Lower Upper

95 100

174 75.8 0.0 154.6

176 72.6 0.0 155.8

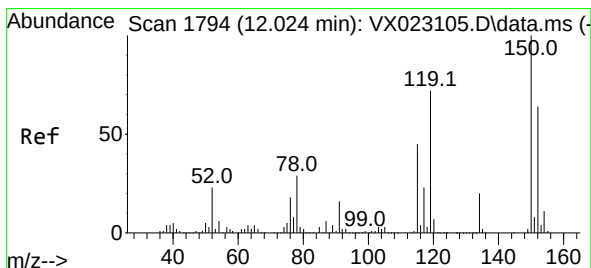
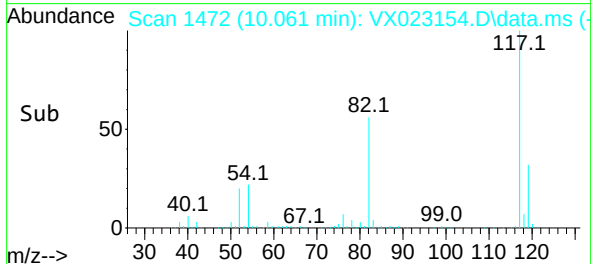
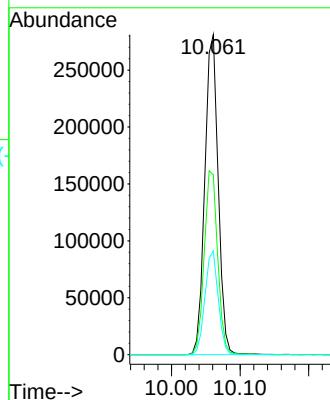
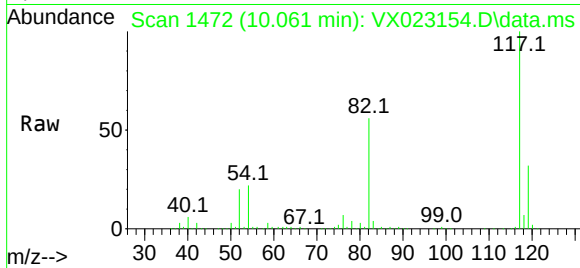




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX023154.D
Acq: 06 Jul 2021 18:27

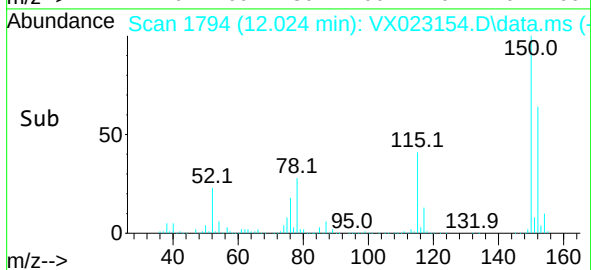
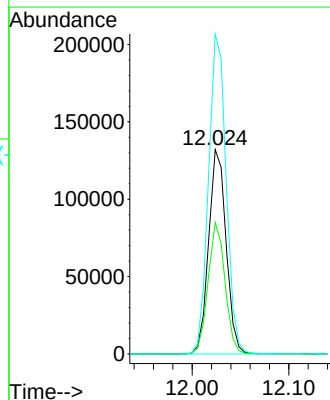
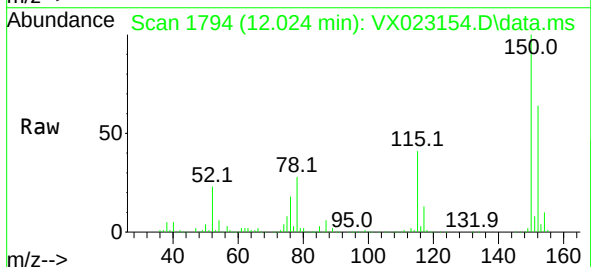
Instrument :
MSVOA_X
ClientSampled :

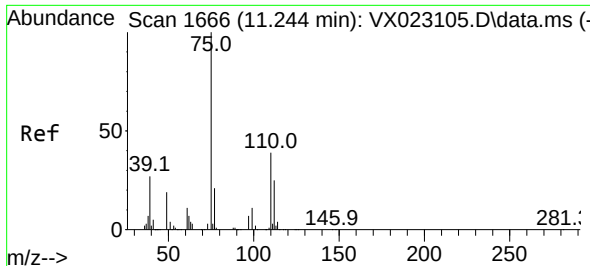
Tgt Ion:117 Resp: 383265
Ion Ratio Lower Upper
117 100
82 56.2 47.4 71.2
119 32.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX023154.D
Acq: 06 Jul 2021 18:27

Tgt Ion:152 Resp: 166138
Ion Ratio Lower Upper
152 100
115 62.5 41.1 123.3
150 157.8 0.0 349.0

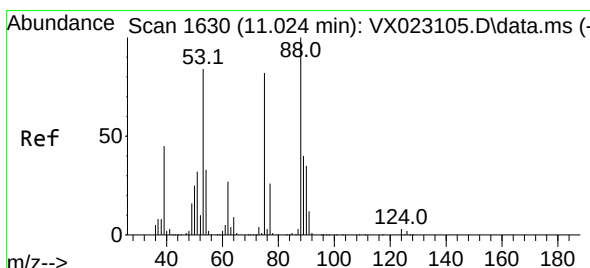
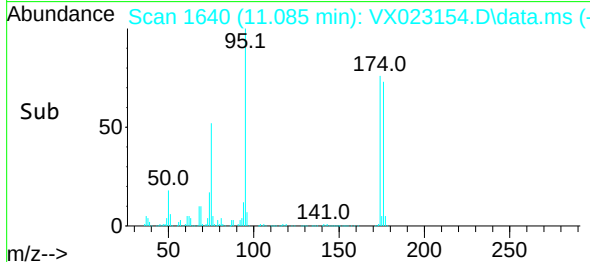
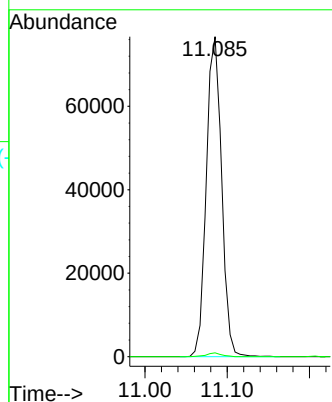
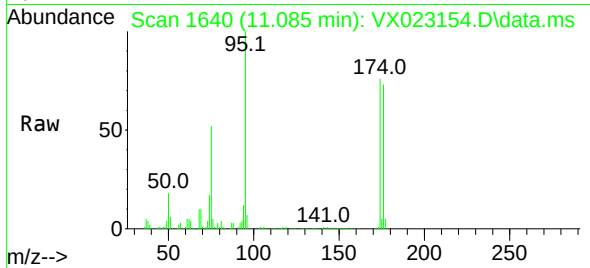




#76
1,2,3-Trichloropropane
Concen: 29.621 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023154.D
Acq: 06 Jul 2021 18:27

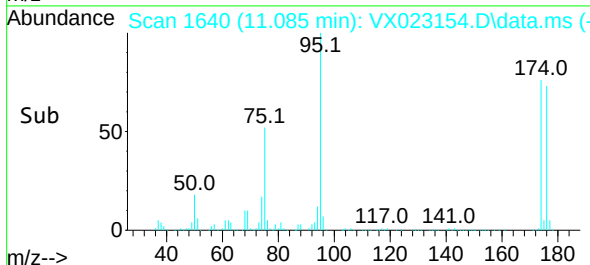
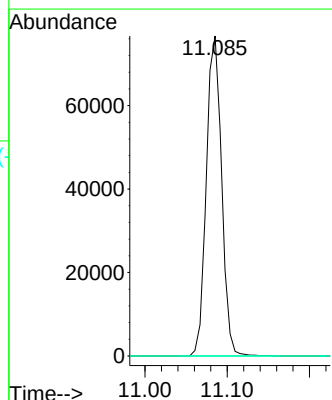
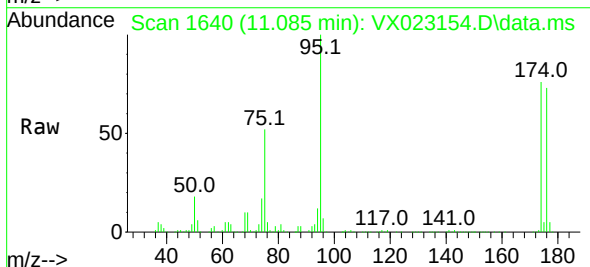
Instrument :
MSVOA_X
ClientSampled :

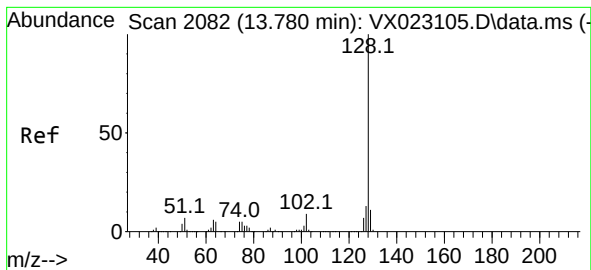
Tgt Ion: 75 Resp: 99030
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.593 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023154.D
Acq: 06 Jul 2021 18:27

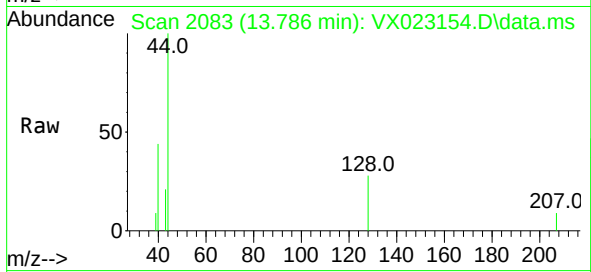
Tgt Ion: 75 Resp: 99030
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.294 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023154.D
Acq: 06 Jul 2021 18:27

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 233
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

