

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062321\
 Data File : VX022857.D
 Acq On : 23 Jun 2021 22:03
 Operator : JC/MD
 Sample : M2803-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 24 03:38:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

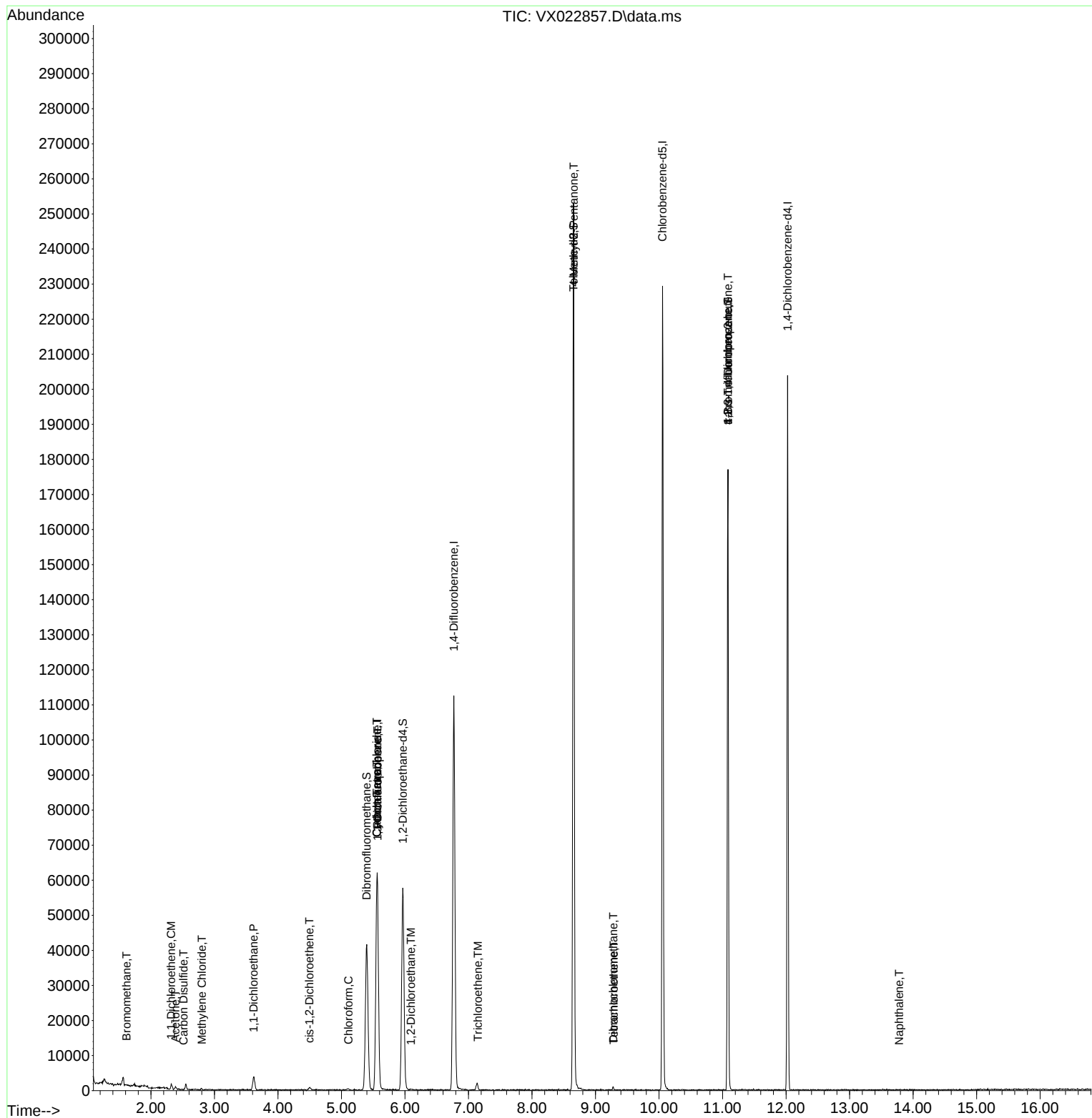
Internal Standards						
1) Pentafluorobenzene	5.562	168	52134	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	108339	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	96082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51229	54.146	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.300%
35) Dibromofluoromethane	5.397	113	35538	51.656	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.320%
50) Toluene-d8	8.653	98	141076	52.322	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.640%
62) 4-Bromofluorobenzene	11.085	95	48706	48.402	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.800%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	146	0.356	ug/l	# 75
12) 1,1-Dichloroethene	2.319	96	468	0.692	ug/l	# 64
16) Acetone	2.386	43	752	1.793	ug/l	92
17) Carbon Disulfide	2.514	76	85	3.559	ug/l	# 75
20) Methylene Chloride	2.800	84	155	0.557	ug/l	# 51
24) 1,1-Dichloroethane	3.617	63	4388	3.073	ug/l	# 91
27) cis-1,2-Dichloroethene	4.495	96	529	0.635	ug/l	80
30) Chloroform	5.111	83	329	0.229	ug/l	90
31) Cyclohexane	5.556	56	1443	1.080	ug/l	# 35
36) 1,1-Dichloropropene	5.568	75	5066	4.402	ug/l	# 48
38) Carbon Tetrachloride	5.556	117	6254	6.480	ug/l	# 12
42) 1,2-Dichloroethane	6.092	62	316	0.259	ug/l	# 73
44) Trichloroethene	7.147	130	747	0.949	ug/l	62
51) 4-Methyl-2-Pentanone	8.659	43	852	0.639	ug/l	# 1
60) Dibromochloromethane	9.281	129	173	3.853	ug/l	# 11
64) Tetrachloroethene	9.287	164	225	0.333	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	26289	27.823	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	26289	71.875	ug/l	# 12
95) Naphthalene	13.780	128	20	1.929	ug/l	# 69

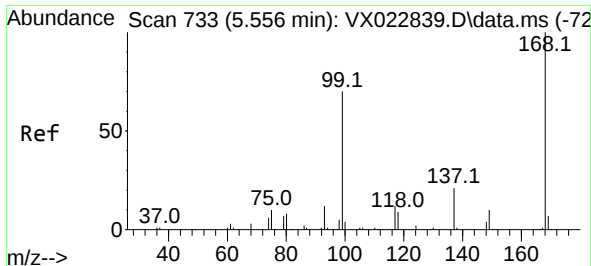
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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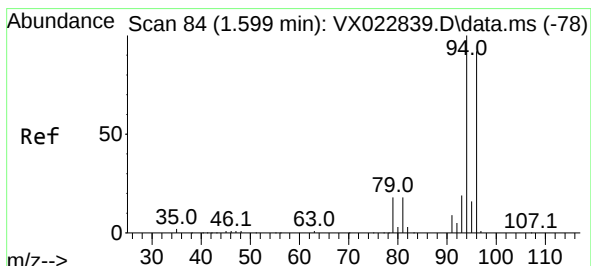
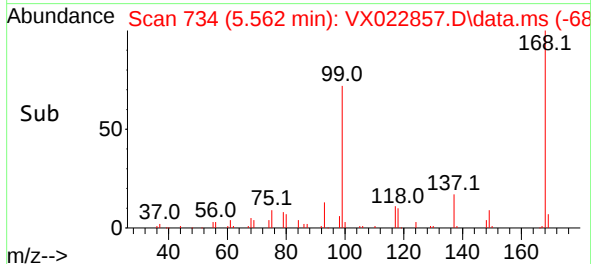
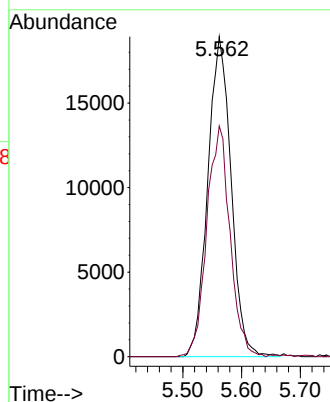
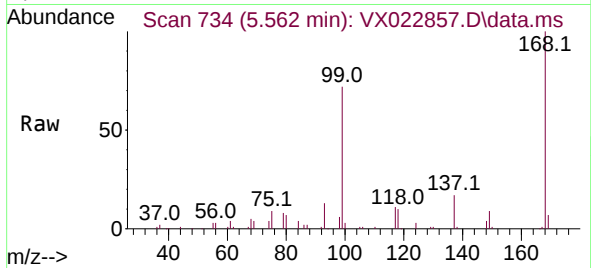




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022857.D
Acq: 23 Jun 2021 22:03

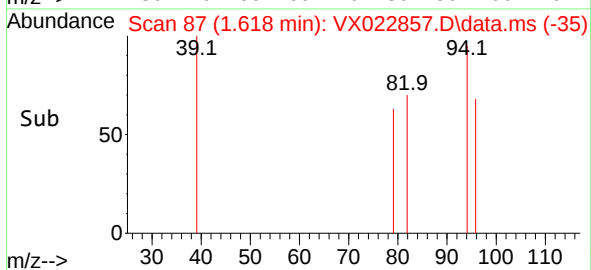
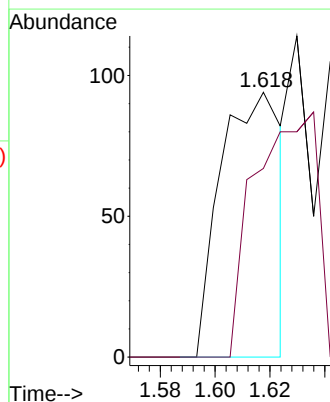
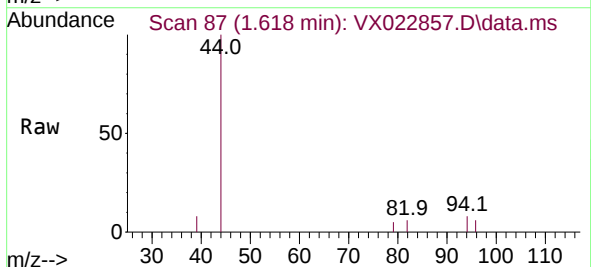
Instrument :
MSVOA_X
ClientSampled :

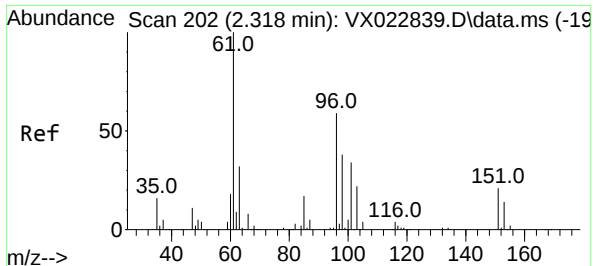
Tgt Ion:168 Resp: 52134
Ion Ratio Lower Upper
168 100
99 71.7 45.8 68.6#



#5
Bromomethane
Concen: 0.356 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX022857.D
Acq: 23 Jun 2021 22:03

Tgt Ion: 94 Resp: 146
Ion Ratio Lower Upper
94 100
96 71.3 76.4 114.6#





#12

1,1-Dichloroethene

Concen: 0.692 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.001 min

Lab File: VX022857.D

Acq: 23 Jun 2021 22:03

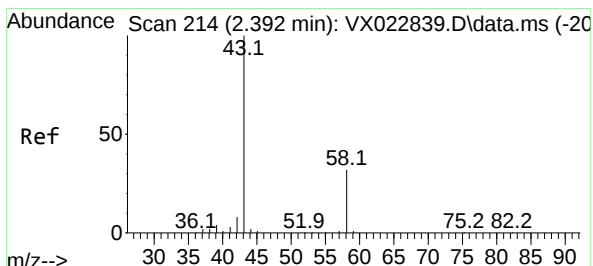
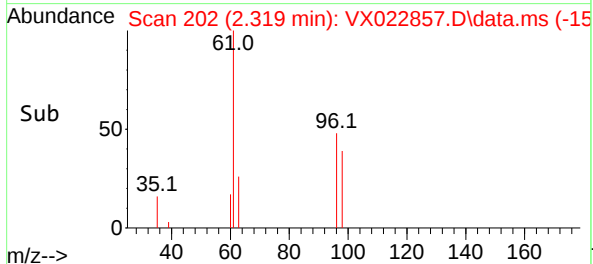
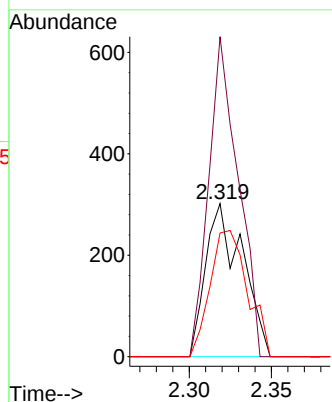
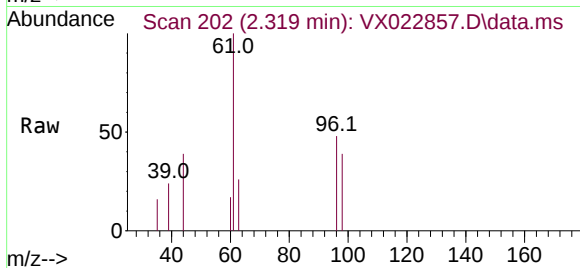
Tgt Ion: 96 Resp: 468

Ion Ratio Lower Upper

96 100

61 208.9 124.6 187.0#

98 80.8 50.6 76.0#



#16

Acetone

Concen: 1.793 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX022857.D

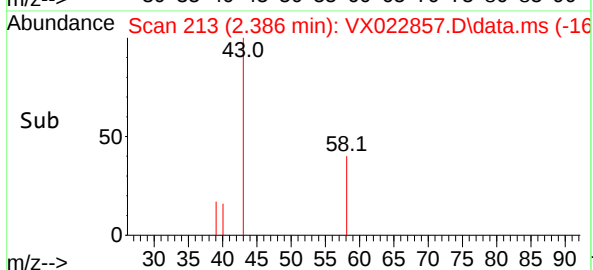
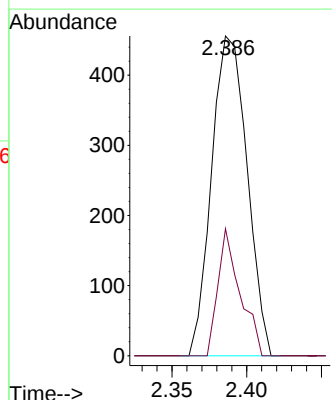
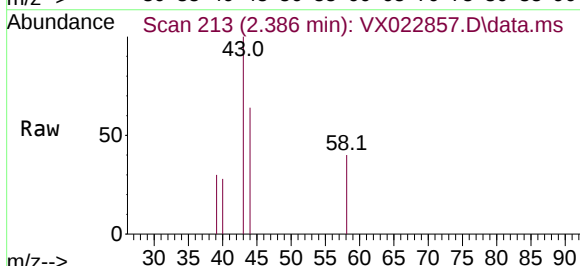
Acq: 23 Jun 2021 22:03

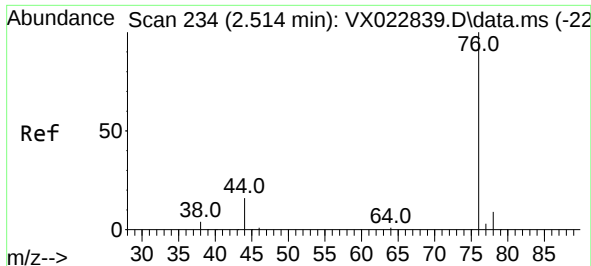
Tgt Ion: 43 Resp: 752

Ion Ratio Lower Upper

43 100

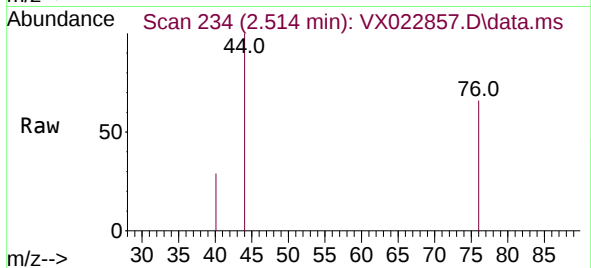
58 39.7 27.8 41.8



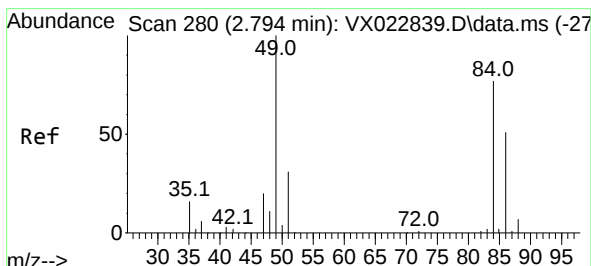
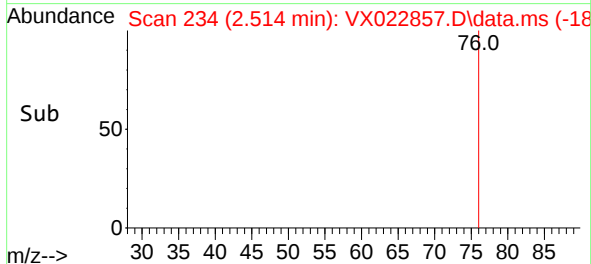
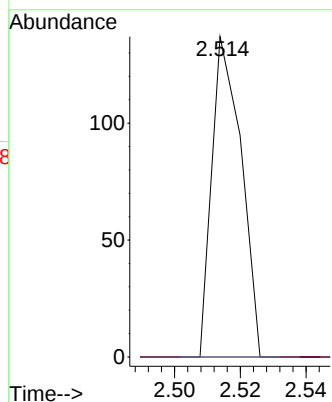


#17
Carbon Disulfide
Concen: 3.559 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022857.D
Acq: 23 Jun 2021 22:03

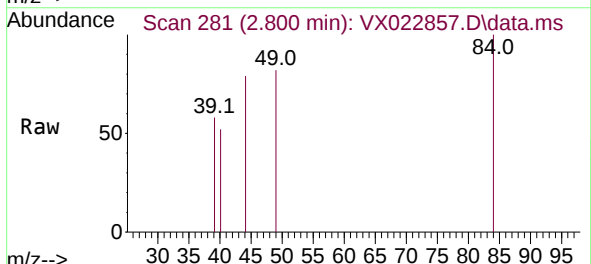
Instrument :
MSVOA_X
ClientSampled :



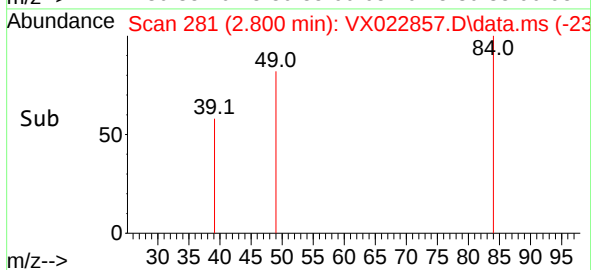
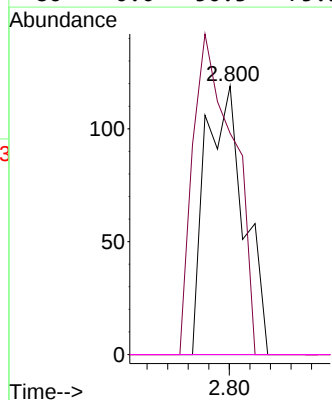
Tgt Ion: 76 Resp: 85
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

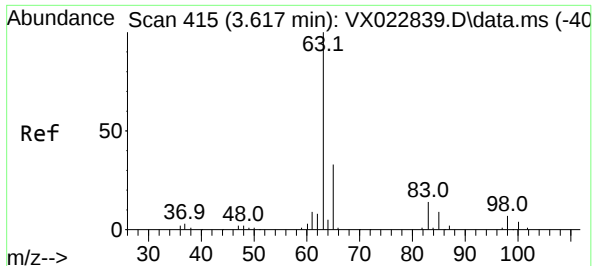


#20
Methylene Chloride
Concen: 0.557 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022857.D
Acq: 23 Jun 2021 22:03



Tgt Ion: 84 Resp: 155
Ion Ratio Lower Upper
84 100
49 82.4 88.6 132.8#
51 0.0 27.0 40.6#
86 0.0 50.3 75.5#

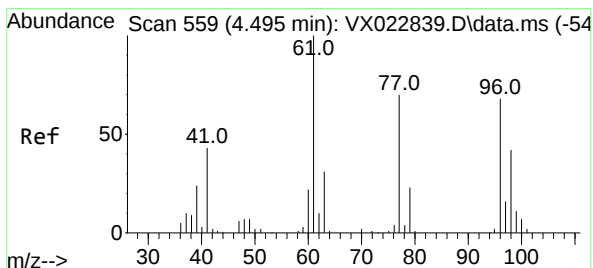
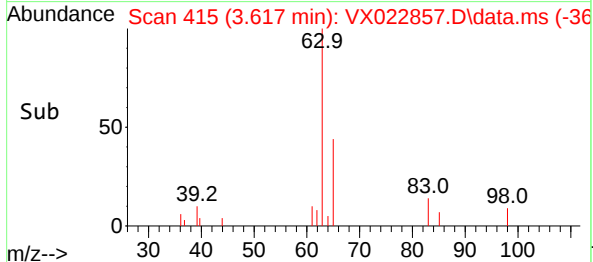
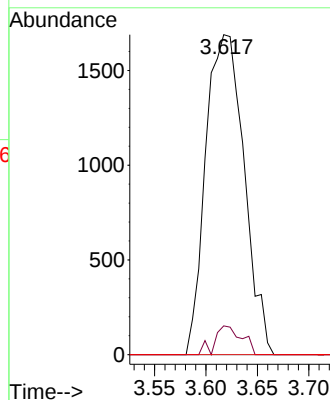
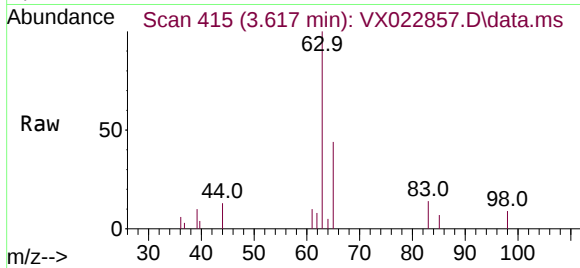




#24
1,1-Dichloroethane
Concen: 3.073 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.000 min
Lab File: VX022857.D
Acq: 23 Jun 2021 22:03

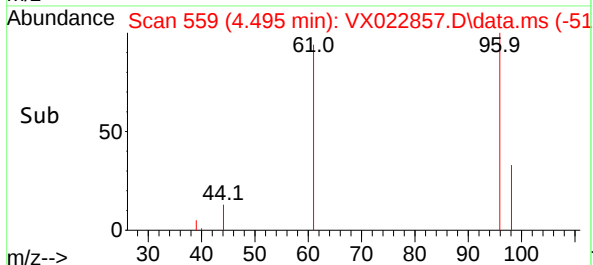
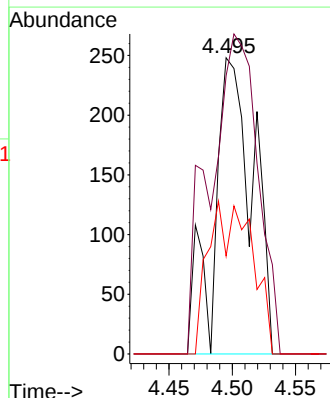
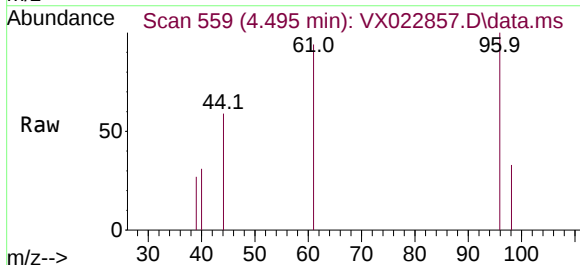
Instrument :
MSVOA_X
ClientSampleId :

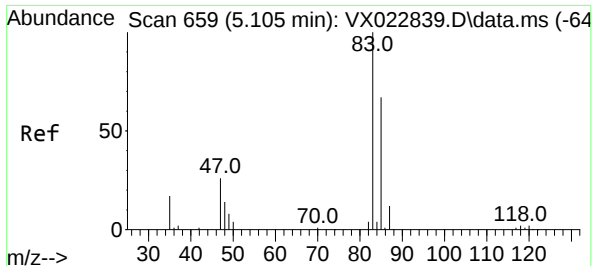
Tgt Ion: 63 Resp: 4388
Ion Ratio Lower Upper
63 100
98 9.0 3.8 11.2
100 0.0 2.5 7.5#



#27
cis-1,2-Dichloroethene
Concen: 0.635 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX022857.D
Acq: 23 Jun 2021 22:03

Tgt Ion: 96 Resp: 529
Ion Ratio Lower Upper
96 100
61 133.6 0.0 285.6
98 26.3 0.0 129.6





#30

Chloroform

Concen: 0.229 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.006 min

Lab File: VX022857.D

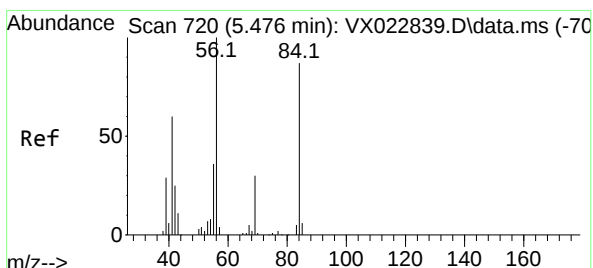
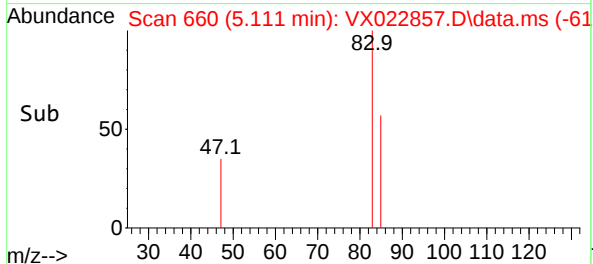
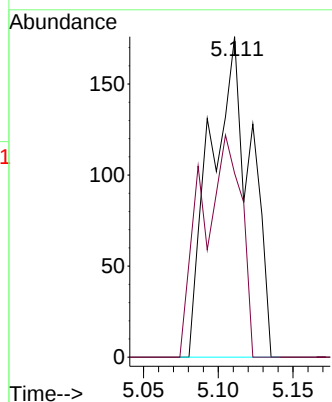
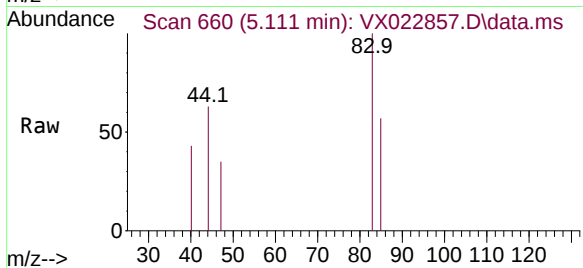
Acq: 23 Jun 2021 22:03

Tgt Ion: 83 Resp: 329

Ion Ratio Lower Upper

83 100

85 57.4 52.0 78.0



#31

Cyclohexane

Concen: 1.080 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.080 min

Lab File: VX022857.D

Acq: 23 Jun 2021 22:03

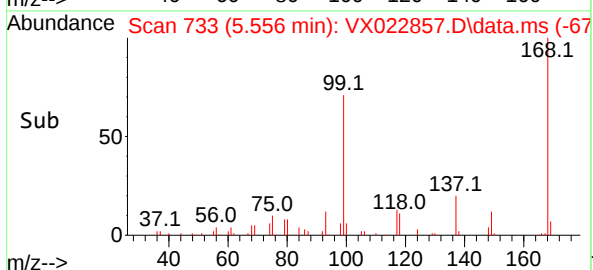
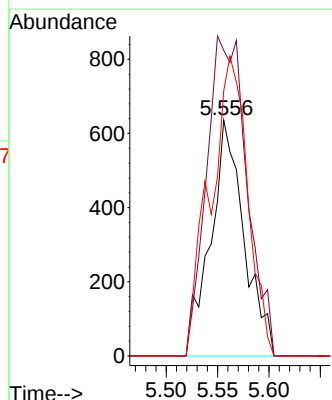
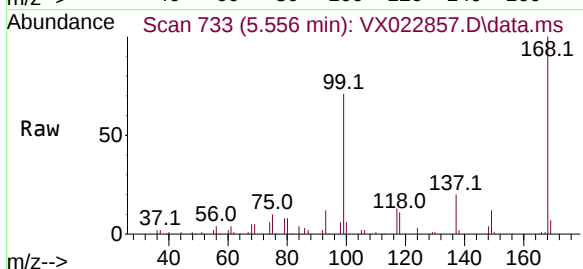
Tgt Ion: 56 Resp: 1443

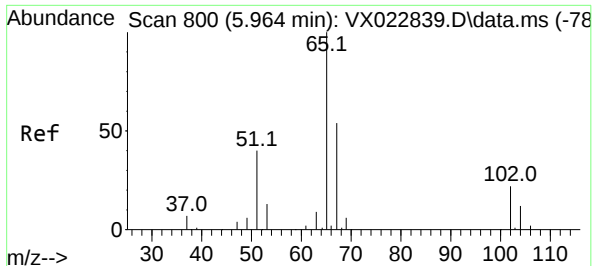
Ion Ratio Lower Upper

56 100

69 129.6 25.3 37.9#

84 112.4 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 54.146 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

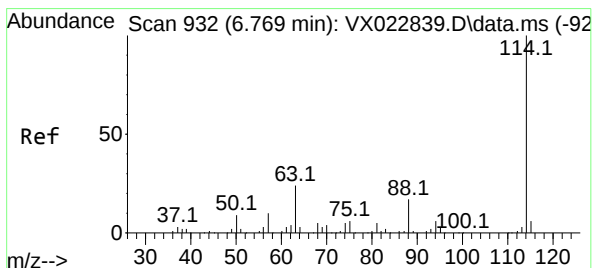
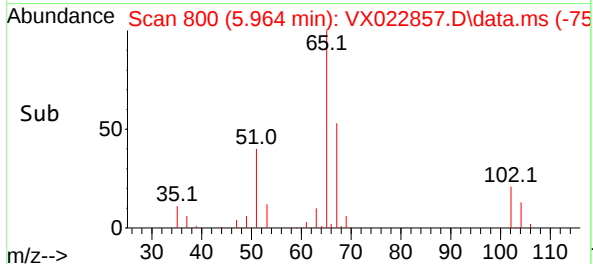
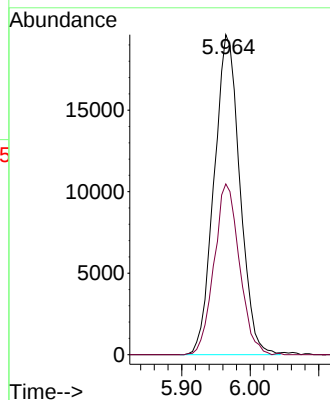
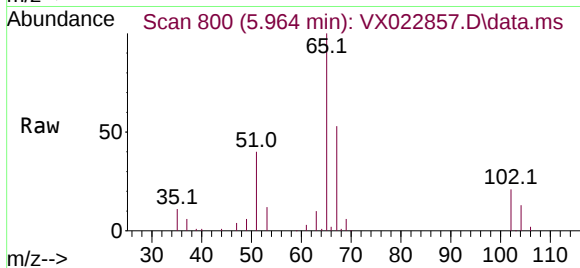
Lab File: VX022857.D

Acq: 23 Jun 2021 22:03

Tgt Ion: 65 Resp: 51229

Ion Ratio Lower Upper

65	100		
67	52.6	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

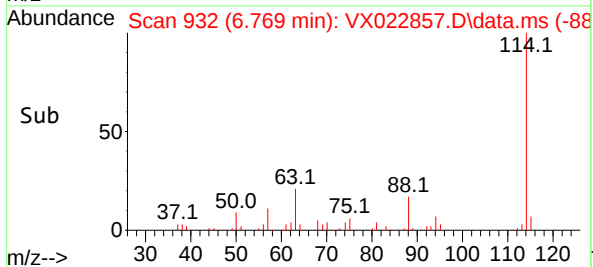
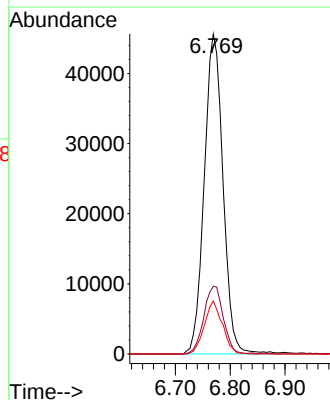
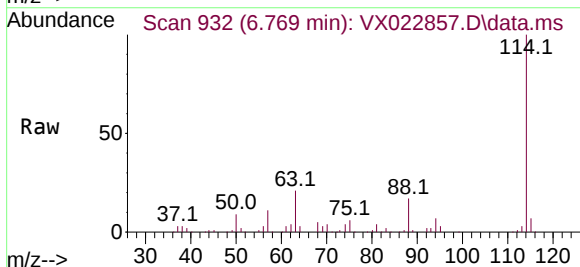
Lab File: VX022857.D

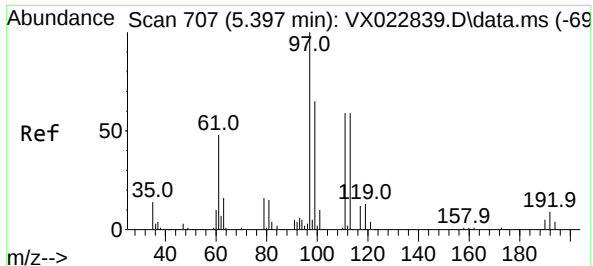
Acq: 23 Jun 2021 22:03

Tgt Ion: 114 Resp: 108339

Ion Ratio Lower Upper

114	100		
63	21.1	0.0	40.8
88	16.5	0.0	32.8





#35

Dibromofluoromethane

Concen: 51.656 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX022857.D

Acq: 23 Jun 2021 22:03

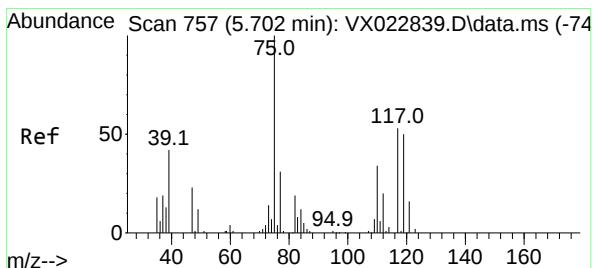
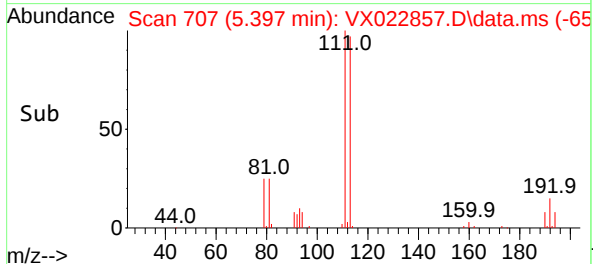
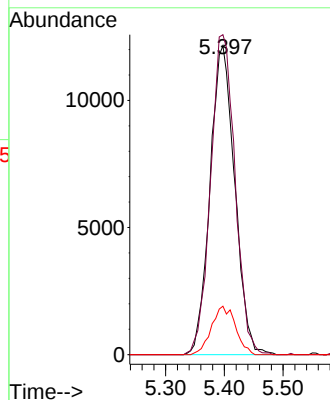
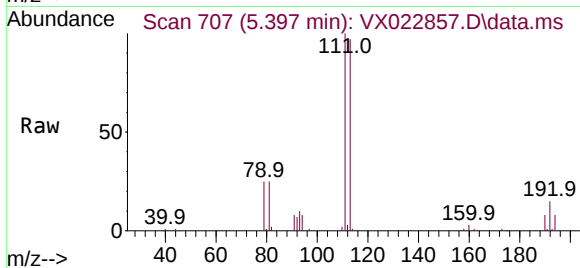
Tgt Ion:113 Resp: 35538

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

192 15.3 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 4.402 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.134 min

Lab File: VX022857.D

Acq: 23 Jun 2021 22:03

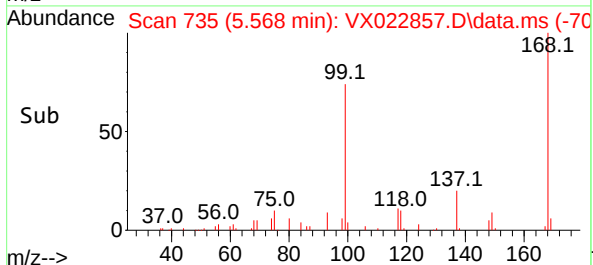
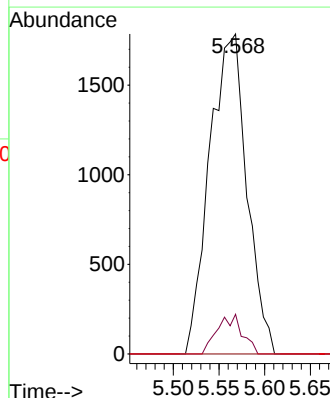
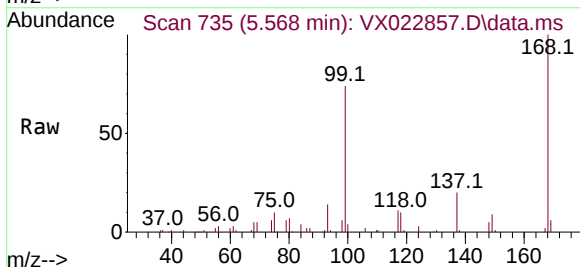
Tgt Ion: 75 Resp: 5066

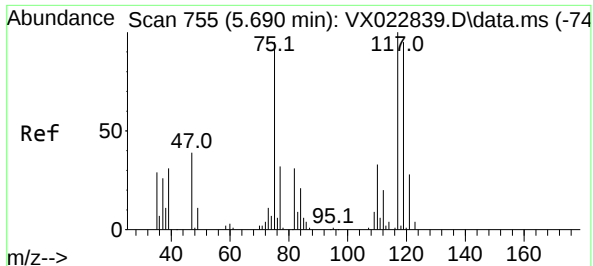
Ion Ratio Lower Upper

75 100

110 8.3 18.1 54.4#

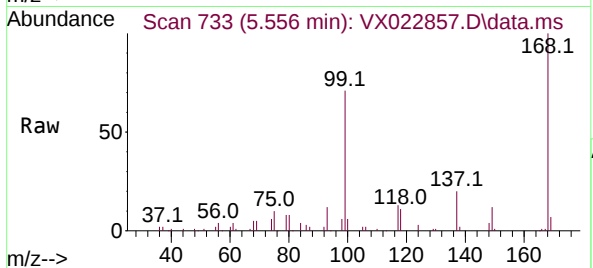
77 0.0 25.3 37.9#



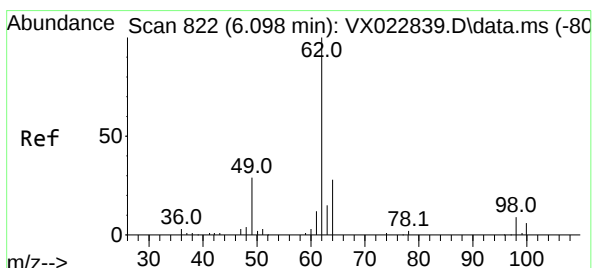
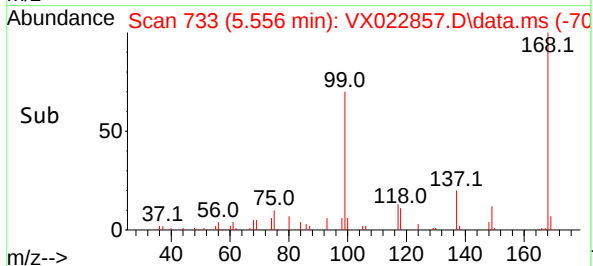
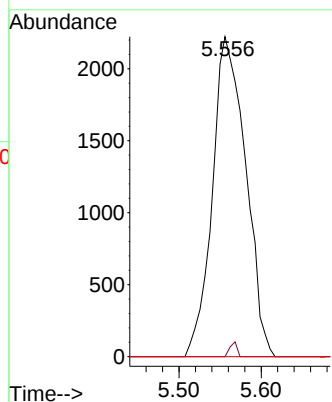


#38
Carbon Tetrachloride
Concen: 6.480 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022857.D
Acq: 23 Jun 2021 22:03

Instrument :
MSVOA_X
ClientSampled :

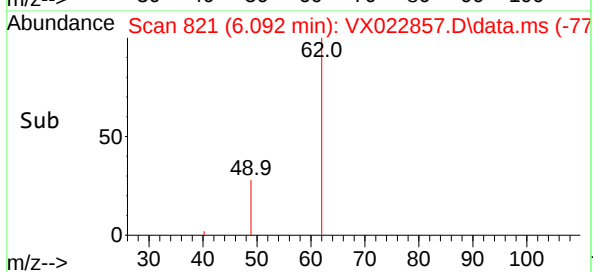
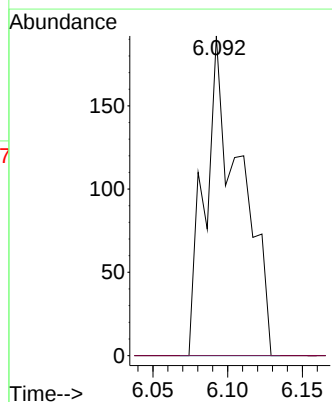
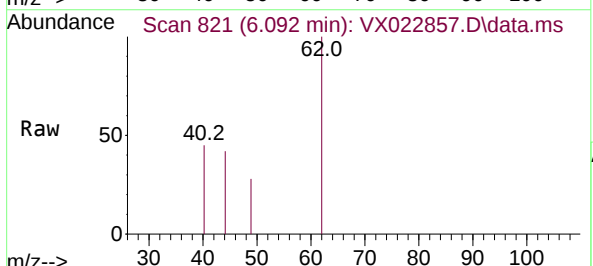


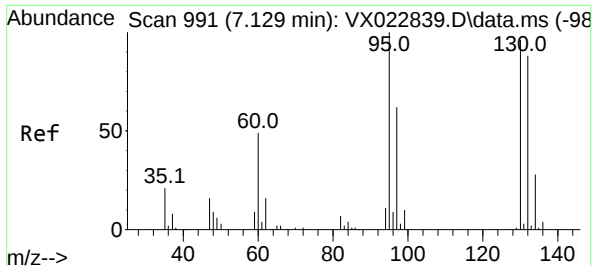
Tgt Ion:117 Resp: 6254
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
121 0.0 24.8 37.2#



#42
1,2-Dichloroethane
Concen: 0.259 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX022857.D
Acq: 23 Jun 2021 22:03

Tgt Ion: 62 Resp: 316
Ion Ratio Lower Upper
62 100
98 0.0 0.0 20.2

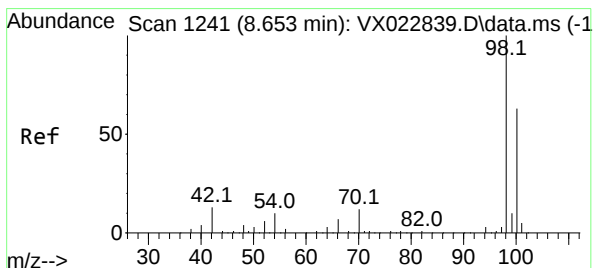
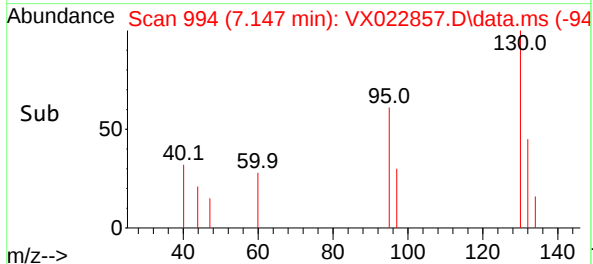
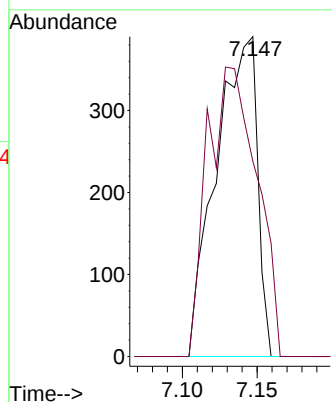
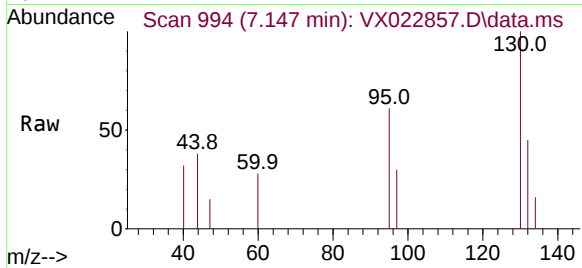




#44
Trichloroethene
Concen: 0.949 ug/l
RT: 7.147 min Scan# 994
Delta R.T. 0.018 min
Lab File: VX022857.D
Acq: 23 Jun 2021 22:03

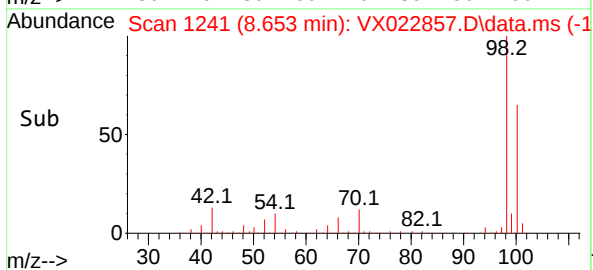
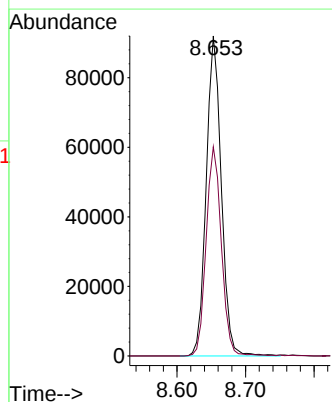
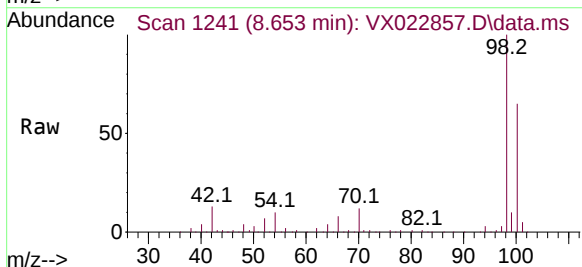
Instrument :
MSVOA_X
ClientSampled :

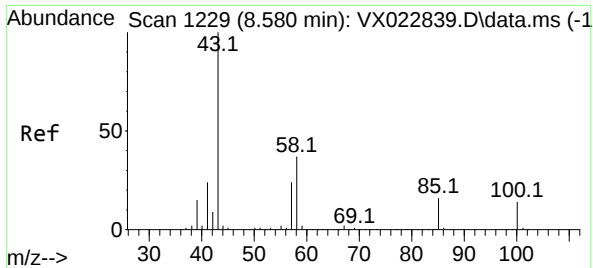
Tgt Ion:130 Resp: 747
Ion Ratio Lower Upper
130 100
95 61.0 0.0 198.0



#50
Toluene-d8
Concen: 52.322 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022857.D
Acq: 23 Jun 2021 22:03

Tgt Ion: 98 Resp: 141076
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9

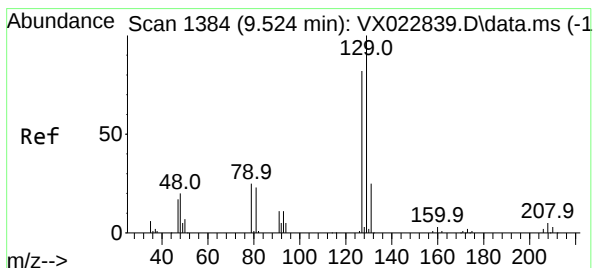
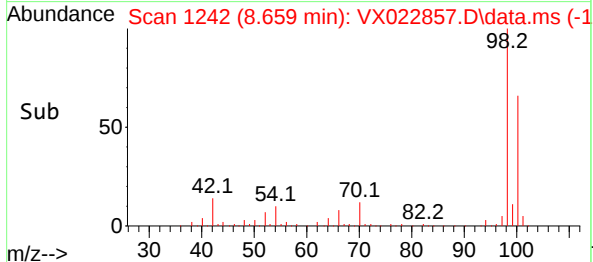
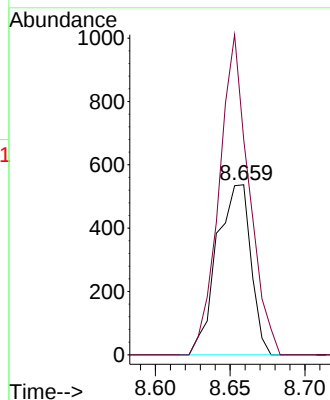
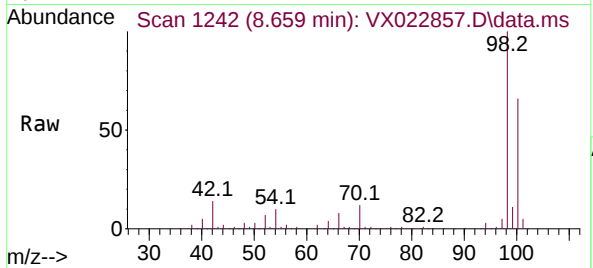




#51
4-Methyl-2-Pentanone
Concen: 0.639 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.079 min
Lab File: VX022857.D
Acq: 23 Jun 2021 22:03

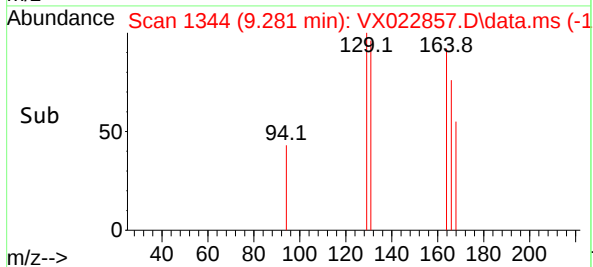
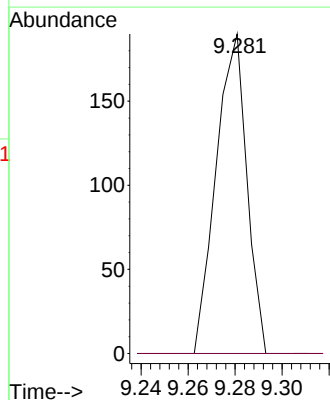
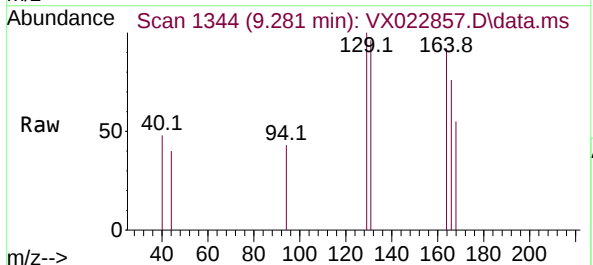
Instrument :
MSVOA_X
ClientSampled :

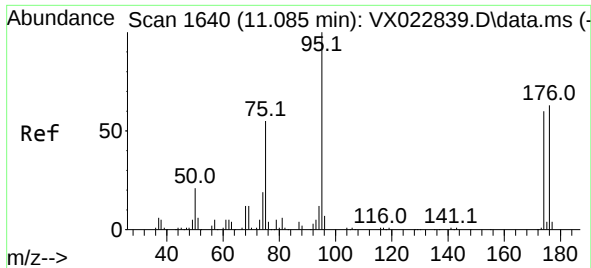
Tgt Ion: 43 Resp: 852
Ion Ratio Lower Upper
43 100
58 164.6 35.4 53.0#



#60
Dibromochloromethane
Concen: 3.853 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.243 min
Lab File: VX022857.D
Acq: 23 Jun 2021 22:03

Tgt Ion: 129 Resp: 173
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

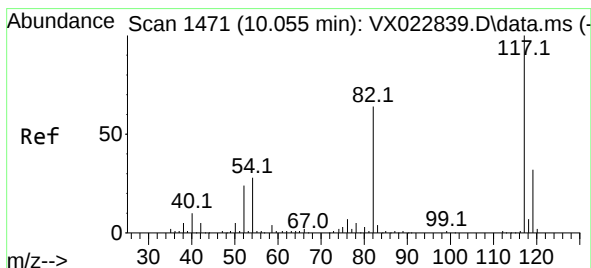
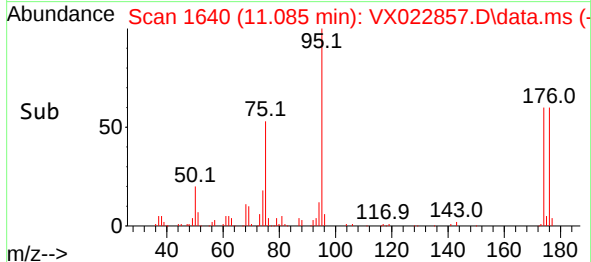
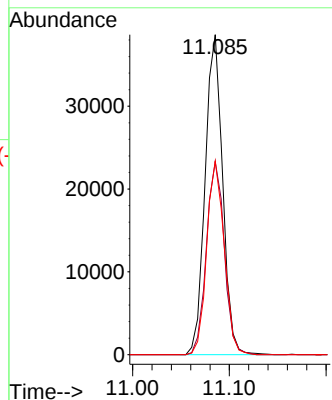
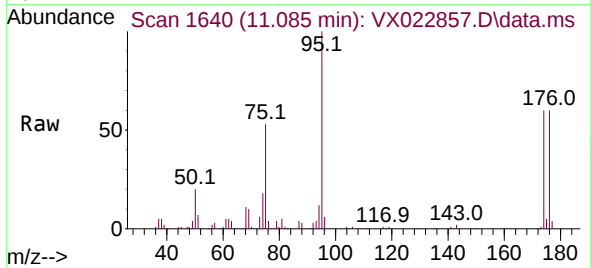




#62
4-Bromofluorobenzene
Concen: 48.402 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022857.D
Acq: 23 Jun 2021 22:03

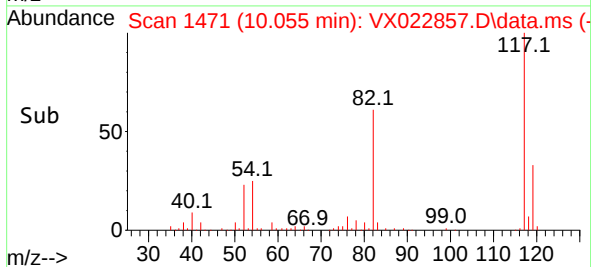
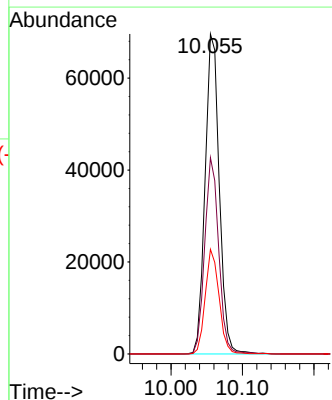
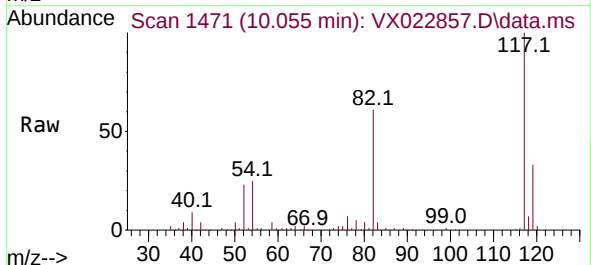
Instrument :
MSVOA_X
ClientSampleId :

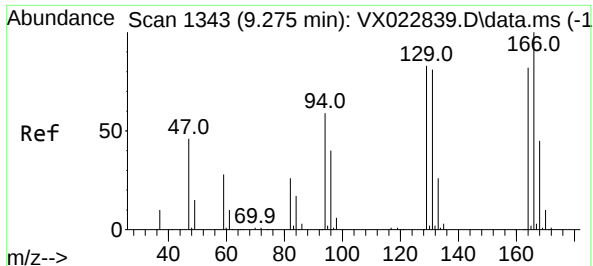
Tgt Ion: 95 Resp: 48706
Ion Ratio Lower Upper
95 100
174 61.8 0.0 154.6
176 60.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022857.D
Acq: 23 Jun 2021 22:03

Tgt Ion: 117 Resp: 96082
Ion Ratio Lower Upper
117 100
82 61.3 47.4 71.2
119 32.7 26.6 39.8

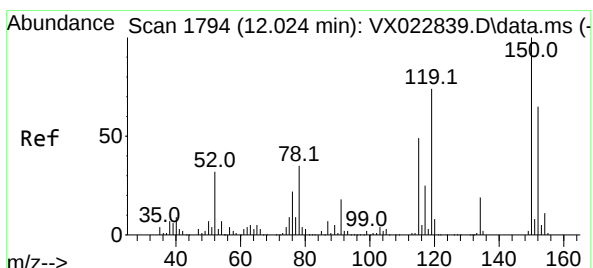
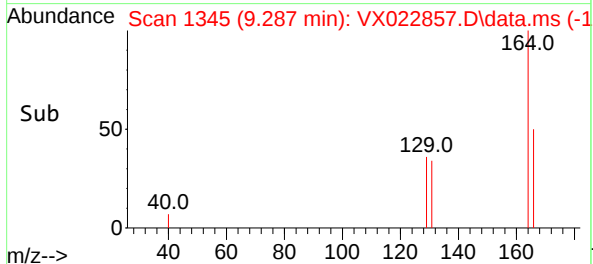
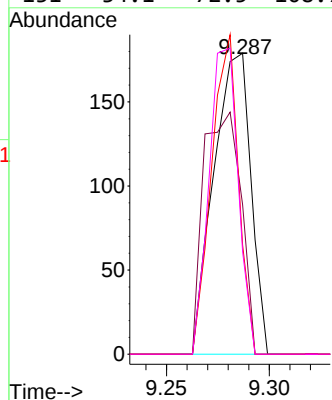
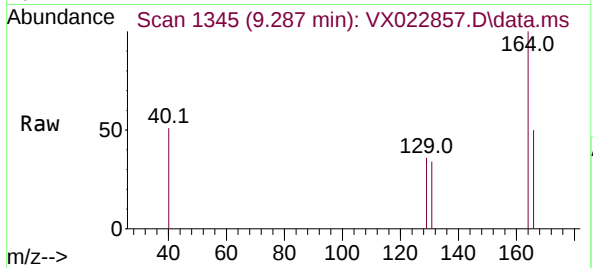




#64
Tetrachloroethene
Concen: 0.333 ug/l
RT: 9.287 min Scan# 1345
Delta R.T. 0.012 min
Lab File: VX022857.D
Acq: 23 Jun 2021 22:03

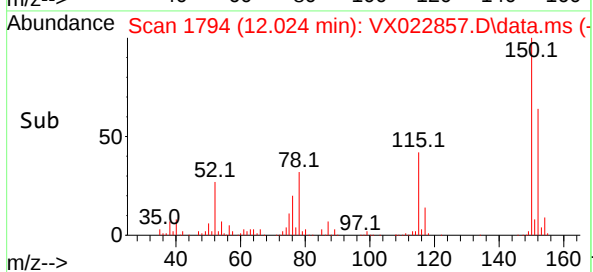
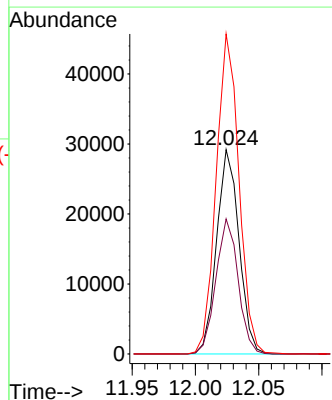
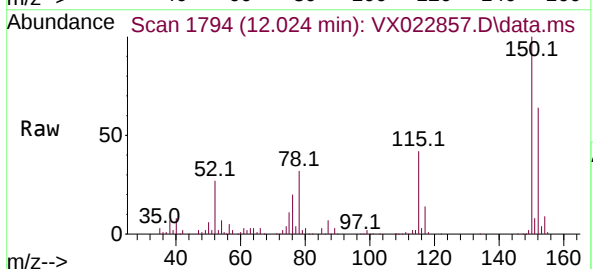
Instrument :
MSVOA_X
ClientSampled :

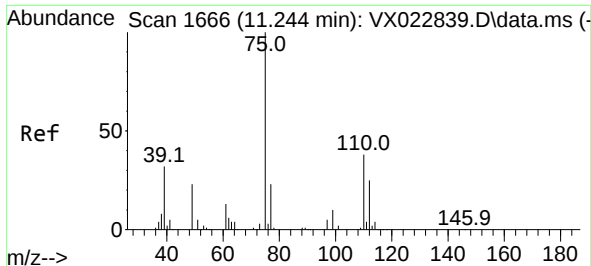
Tgt Ion:164 Resp: 225
Ion Ratio Lower Upper
164 100
166 49.7 103.4 155.2#
129 36.3 70.8 106.2#
131 34.1 72.5 108.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022857.D
Acq: 23 Jun 2021 22:03

Tgt Ion:152 Resp: 35772
Ion Ratio Lower Upper
152 100
115 65.9 41.1 123.3
150 159.4 0.0 349.0

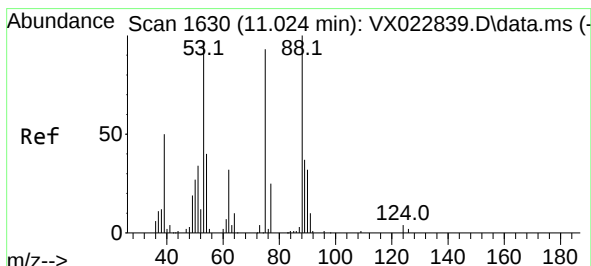
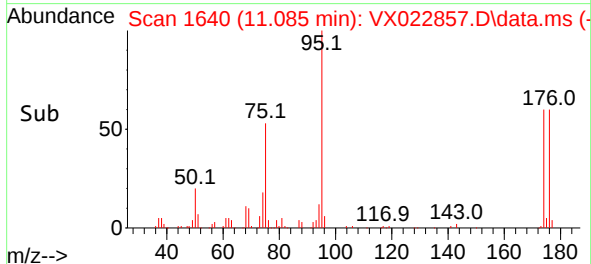
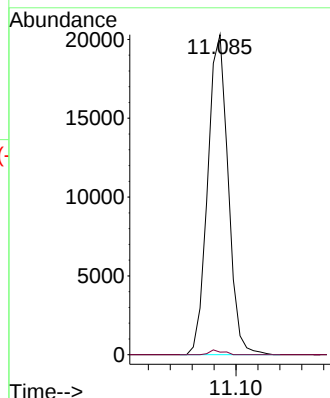
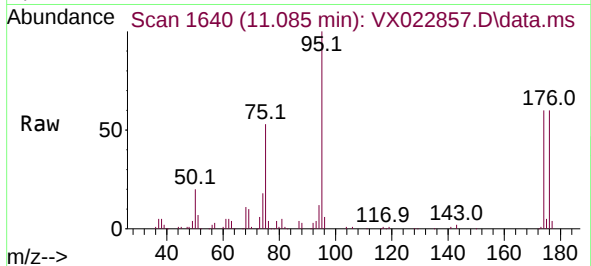




#76
1,2,3-Trichloropropane
Concen: 27.823 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022857.D
Acq: 23 Jun 2021 22:03

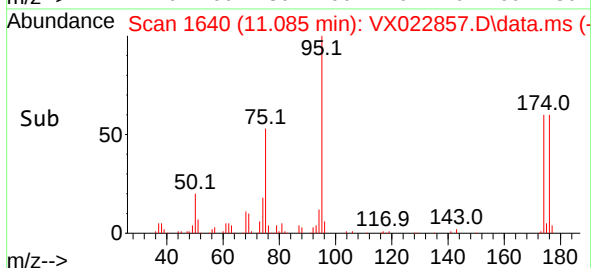
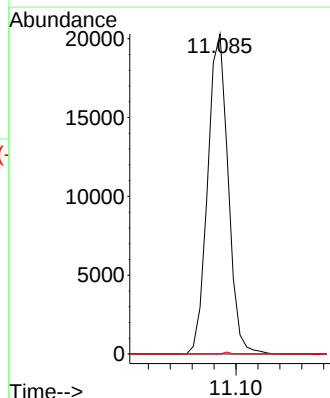
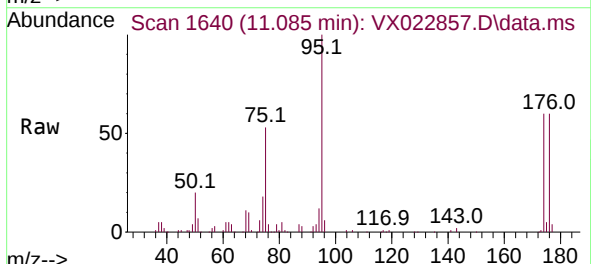
Instrument :
MSVOA_X
ClientSampled :

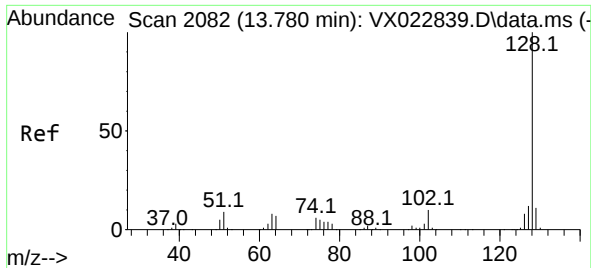
Tgt Ion: 75 Resp: 26289
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.875 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022857.D
Acq: 23 Jun 2021 22:03

Tgt Ion: 75 Resp: 26289
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.2 37.9 56.9#





#95
Naphthalene
Concen: 1.929 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022857.D
Acq: 23 Jun 2021 22:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 20
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

