

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020203.D
 Acq On : 20 Dec 2020 04:23
 Operator : JC/MD
 Sample : L5095-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 39-FD01-121420

Quant Time: Dec 21 02:43:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	270051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	450874	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	409629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	160816	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	178511	49.31	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.62%
35) Dibromofluoromethane	5.465	113	144685	50.16	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.32%
50) Toluene-d8	8.696	98	550684	49.60	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.20%
62) 4-Bromofluorobenzene	11.122	95	180190	42.41	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	84.82%

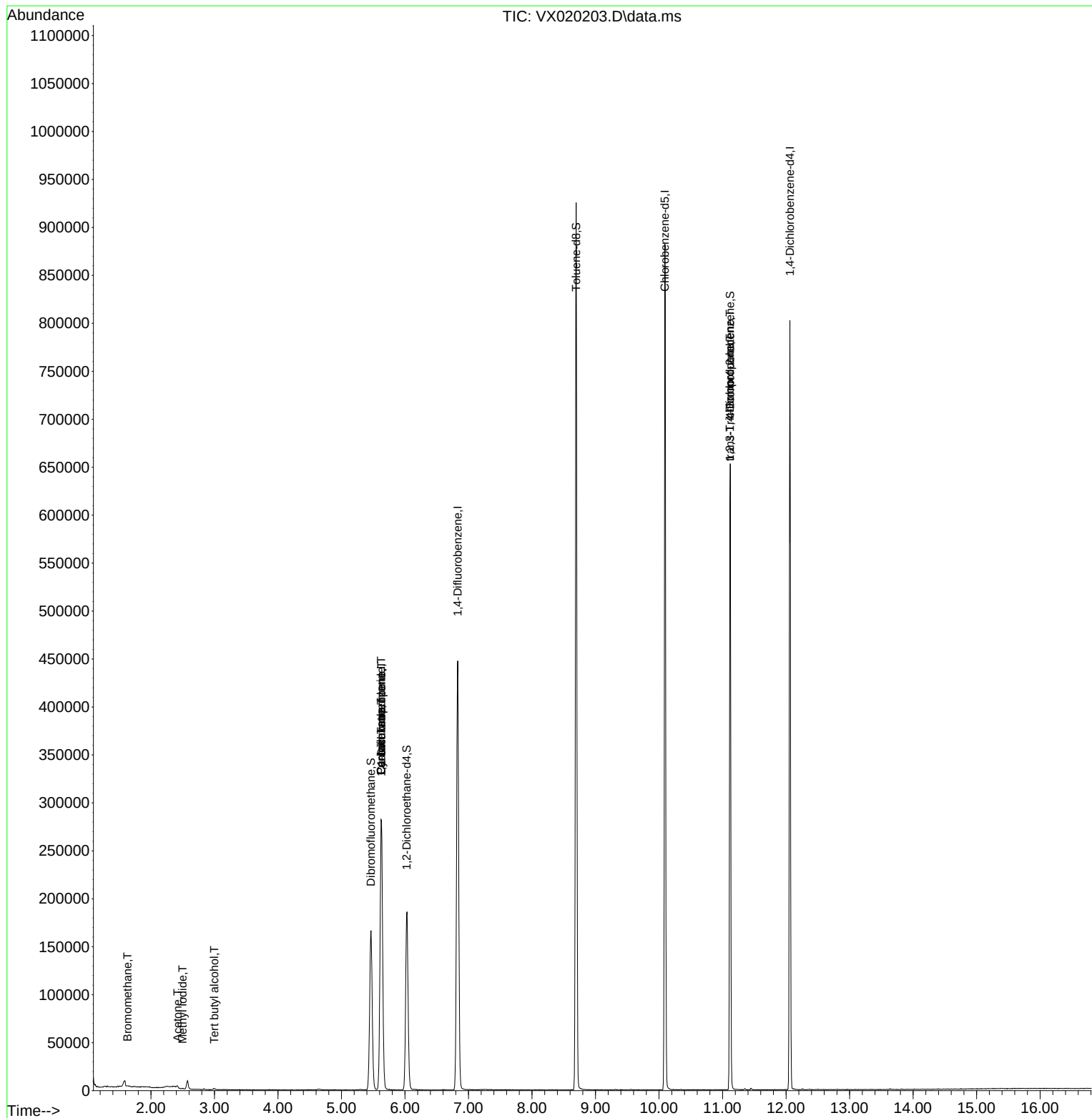
Target Compounds						Qvalue
5) Bromomethane	1.630	94	643	0.54	ug/l	97
10) Methyl Iodide	2.496	142	421	3.39	ug/l #	83
11) Tert butyl alcohol	2.995	59	972	1.20	ug/l #	73
16) Acetone	2.416	43	2223	1.35	ug/l	96
31) Cyclohexane	5.623	56	5552	1.11	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	21562	4.84	ug/l #	48
38) Carbon Tetrachloride	5.623	117	27188	6.41	ug/l #	16
76) 1,2,3-Trichloropropane	11.116	75	88936	22.45	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	88936	66.61	ug/l #	12

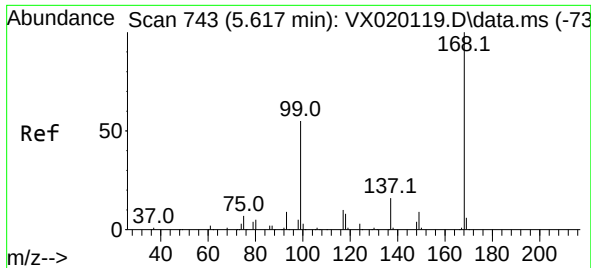
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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39-FD01-121420

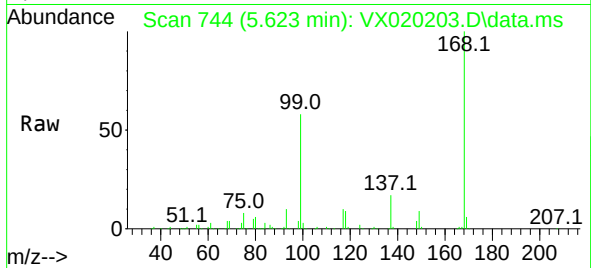
Quant Time: Dec 21 02:43:45 2020
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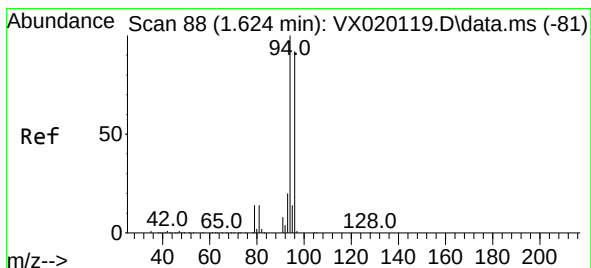
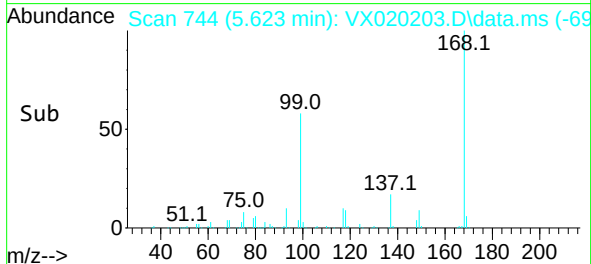
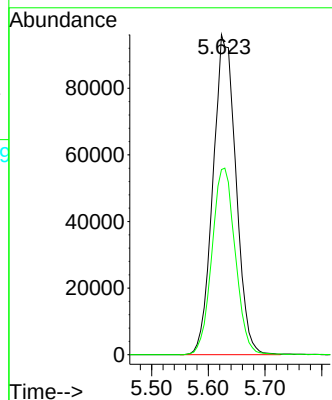


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.006 min
Lab File: VX020203.D
Acq: 20 Dec 2020 04:23

Instrument :
MSVOA_X
ClientSampleId :
39-FD01-121420

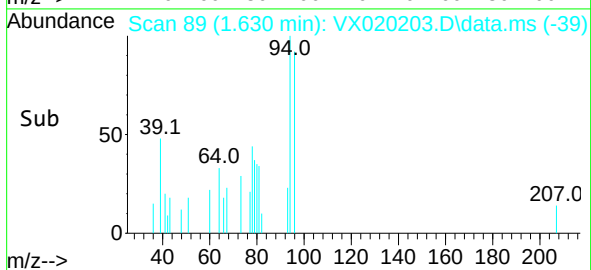
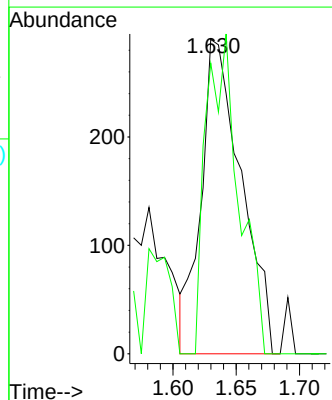
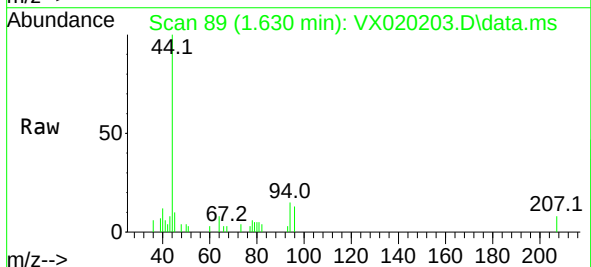


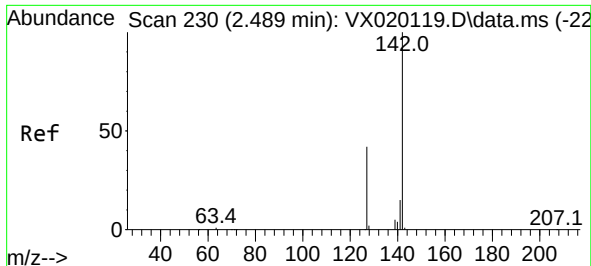
Tgt Ion:168 Resp: 270051
Ion Ratio Lower Upper
168 100
99 57.9 45.8 68.6



#5
Bromomethane
Concen: 0.54 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020203.D
Acq: 20 Dec 2020 04:23

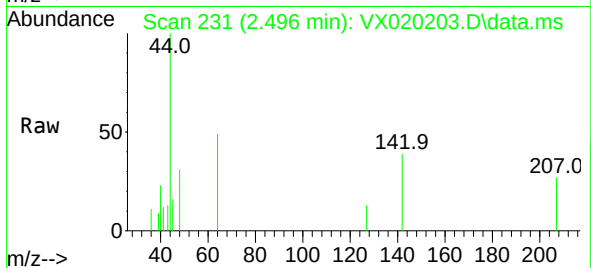
Tgt Ion: 94 Resp: 643
Ion Ratio Lower Upper
94 100
96 92.4 76.4 114.6



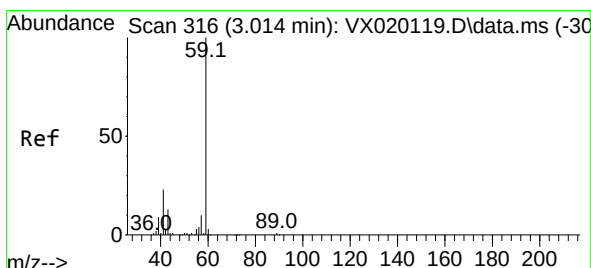
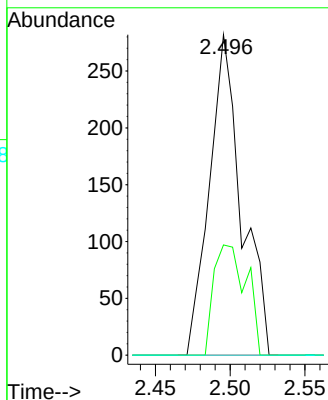
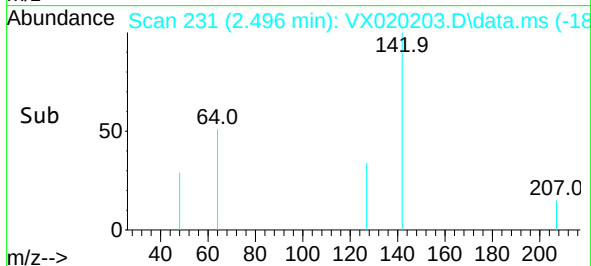


#10
Methyl Iodide
Concen: 3.39 ug/l
RT: 2.496 min Scan# 231
Delta R.T. 0.007 min
Lab File: VX020203.D
Acq: 20 Dec 2020 04:23

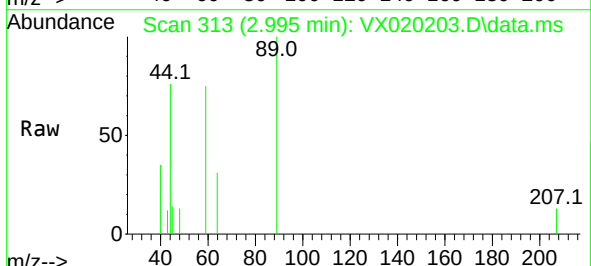
Instrument :
MSVOA_X
ClientSampleId :
39-FD01-121420



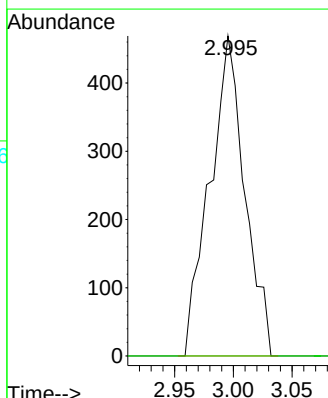
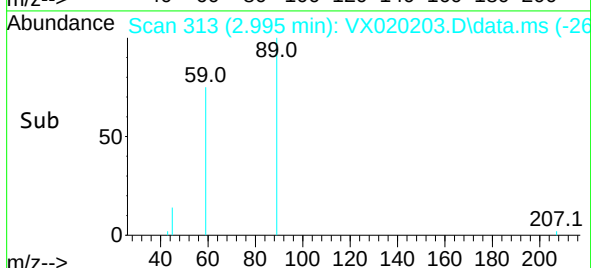
Tgt Ion:142 Resp: 421
Ion Ratio Lower Upper
142 100
127 34.7 33.3 49.9
141 0.0 11.4 17.0#

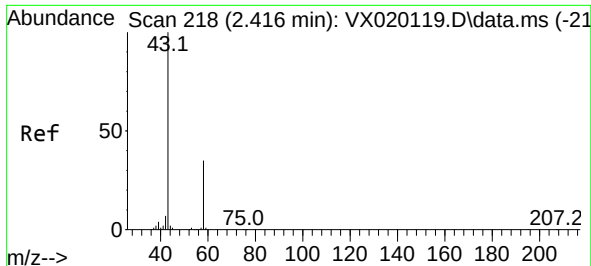


#11
Tert butyl alcohol
Concen: 1.20 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020203.D
Acq: 20 Dec 2020 04:23



Tgt Ion: 59 Resp: 972
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

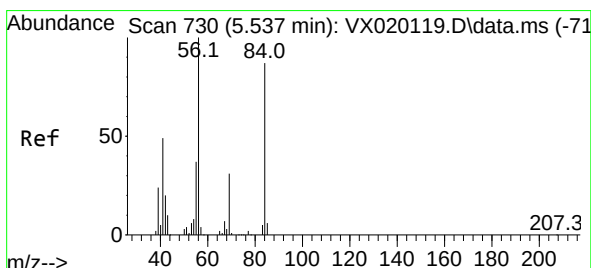
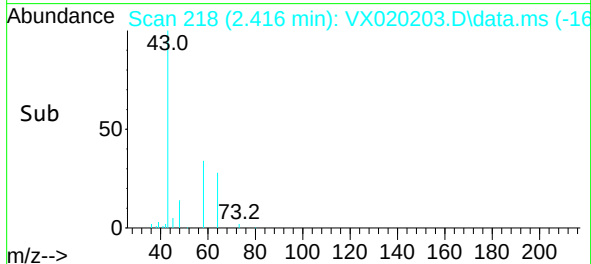
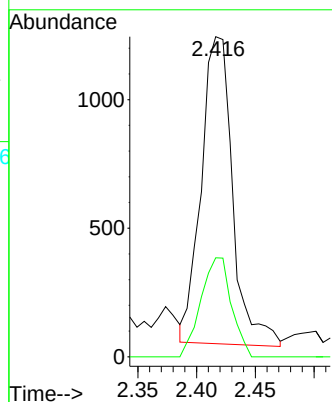
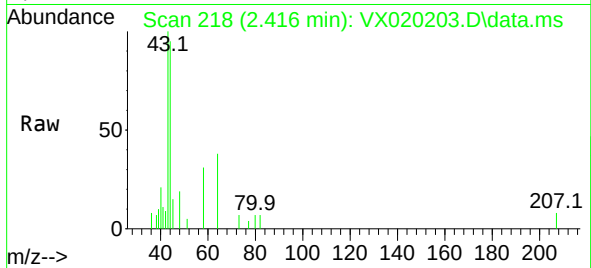




#16
Acetone
Concen: 1.35 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020203.D
Acq: 20 Dec 2020 04:23

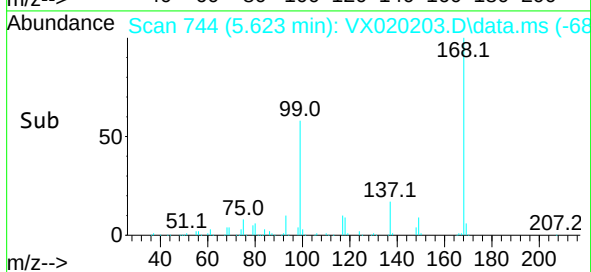
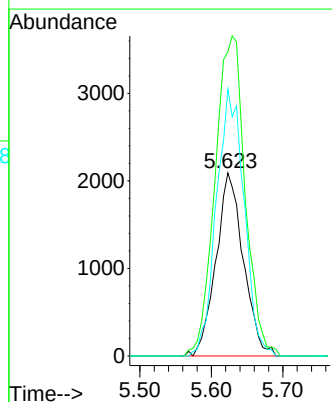
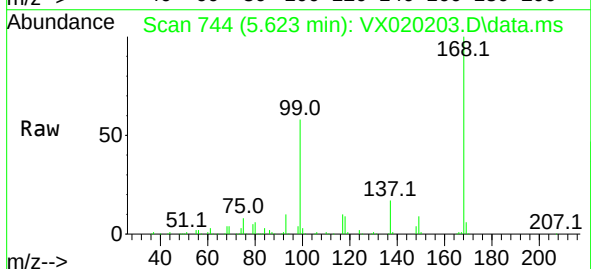
Instrument :
MSVOA_X
ClientSampleId :
39-FD01-121420

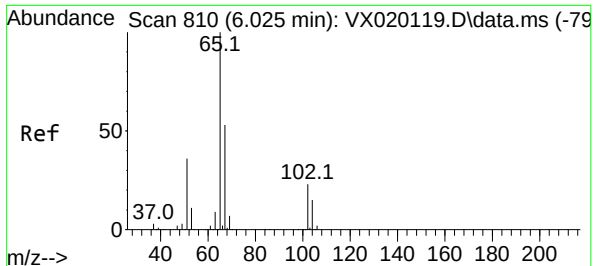
Tgt Ion: 43 Resp: 2223
Ion Ratio Lower Upper
43 100
58 32.5 27.8 41.8



#31
Cyclohexane
Concen: 1.11 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020203.D
Acq: 20 Dec 2020 04:23

Tgt Ion: 56 Resp: 5552
Ion Ratio Lower Upper
56 100
69 166.0 25.3 37.9#
84 145.7 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 49.31 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020203.D

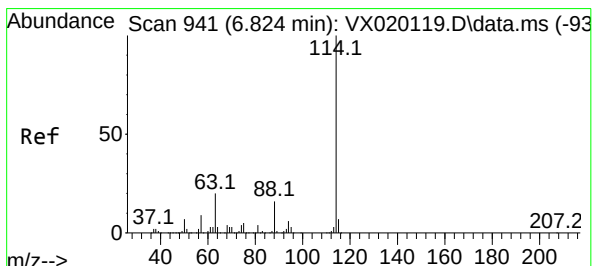
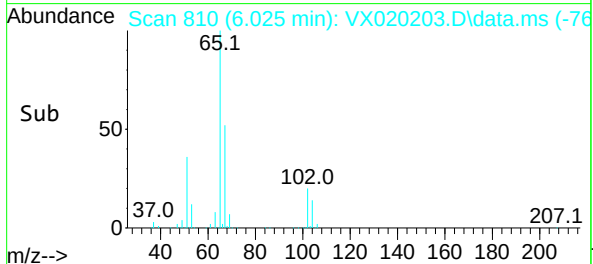
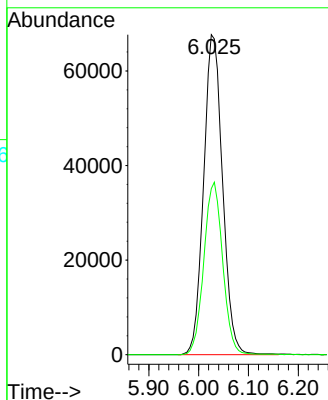
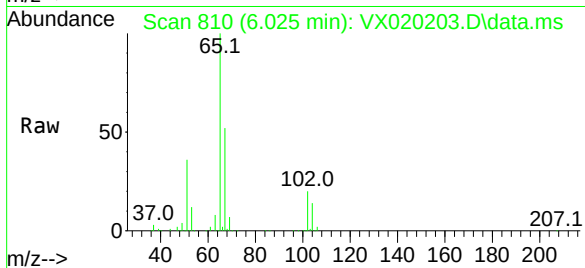
Acq: 20 Dec 2020 04:23

Tgt Ion: 65 Resp: 178511

Ion Ratio Lower Upper

65 100

67 53.6 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.006 min

Lab File: VX020203.D

Acq: 20 Dec 2020 04:23

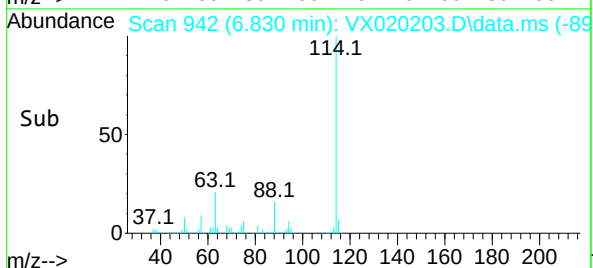
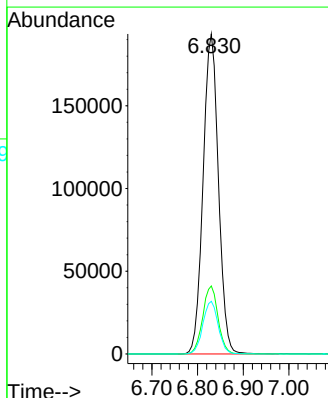
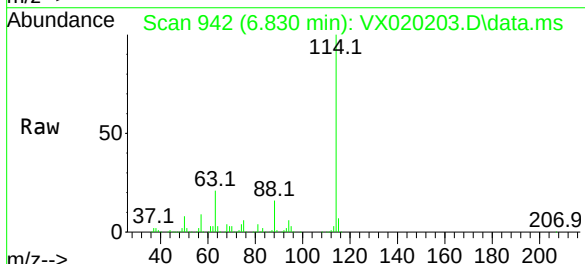
Tgt Ion: 114 Resp: 450874

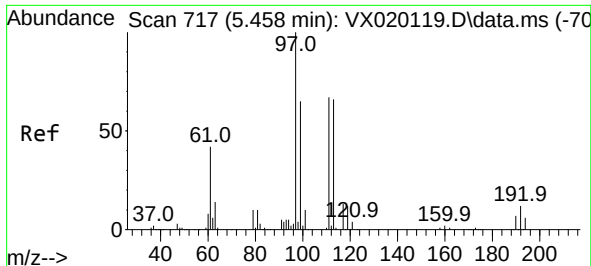
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.8

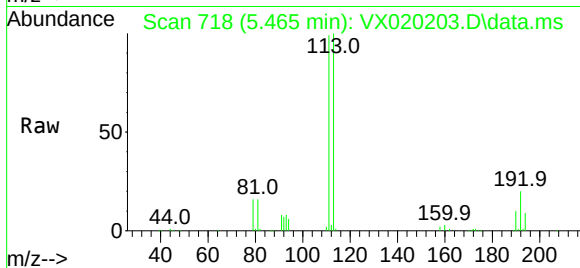
88 16.5 0.0 32.8



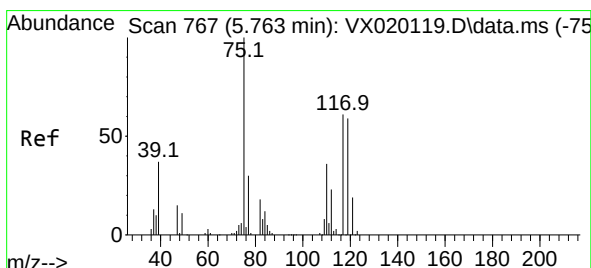
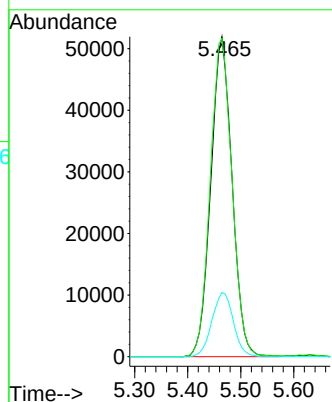
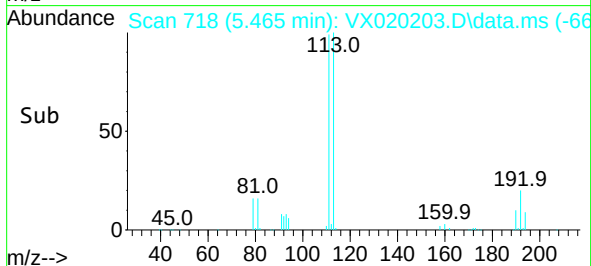


#35
Dibromofluoromethane
Concen: 50.16 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020203.D
Acq: 20 Dec 2020 04:23

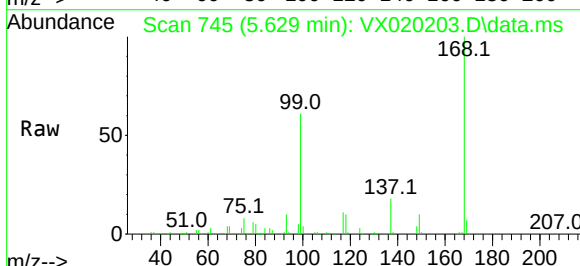
Instrument :
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ClientSampleId :
39-FD01-121420



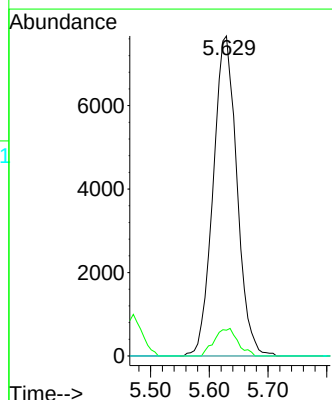
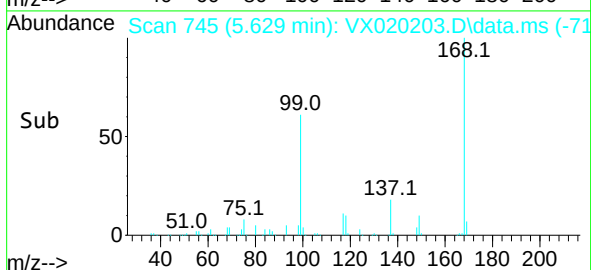
Tgt Ion:113 Resp: 144685
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 20.2 16.7 25.1

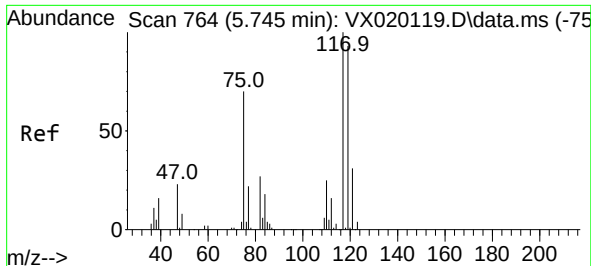


#36
1,1-Dichloropropene
Concen: 4.84 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020203.D
Acq: 20 Dec 2020 04:23



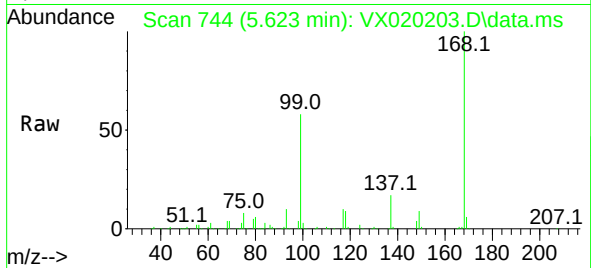
Tgt Ion: 75 Resp: 21562
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.4#
77 0.0 25.3 37.9#



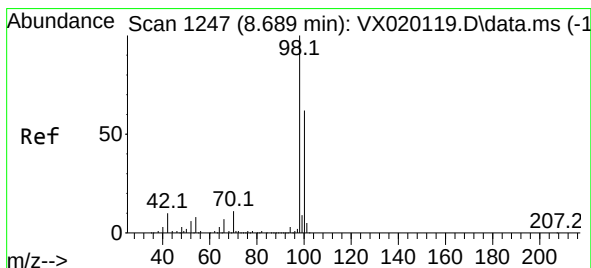
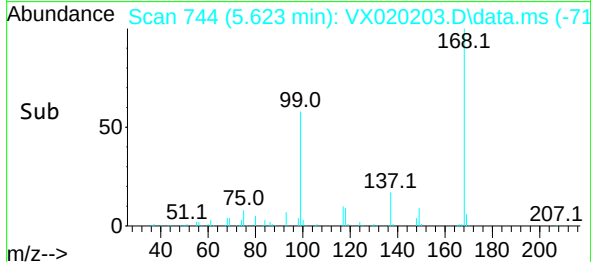
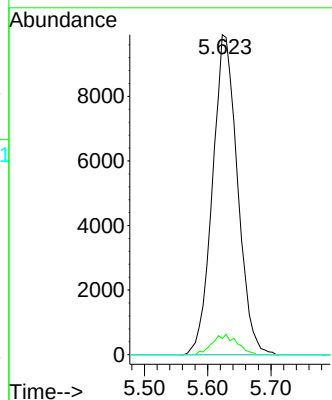


#38
Carbon Tetrachloride
Concen: 6.41 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020203.D
Acq: 20 Dec 2020 04:23

Instrument :
MSVOA_X
ClientSampleId :
39-FD01-121420

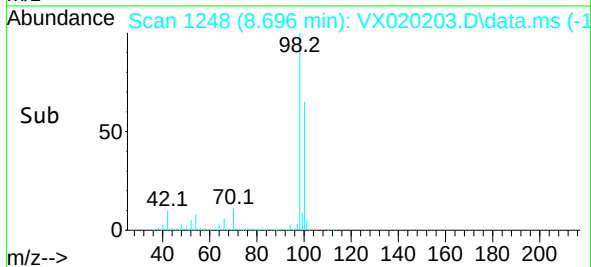
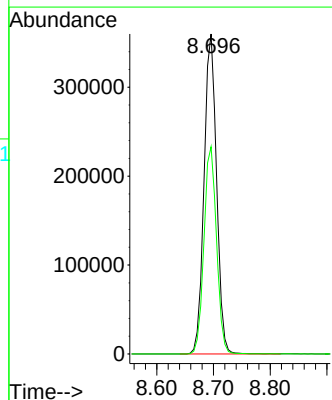
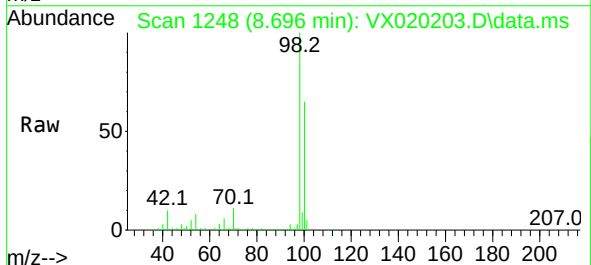


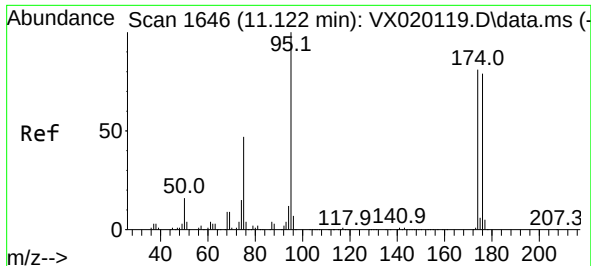
Tgt Ion:117 Resp: 27188
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.60 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020203.D
Acq: 20 Dec 2020 04:23

Tgt Ion: 98 Resp: 550684
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9

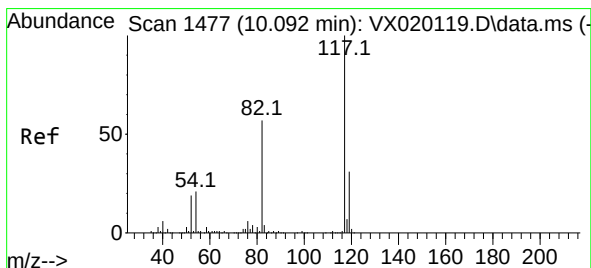
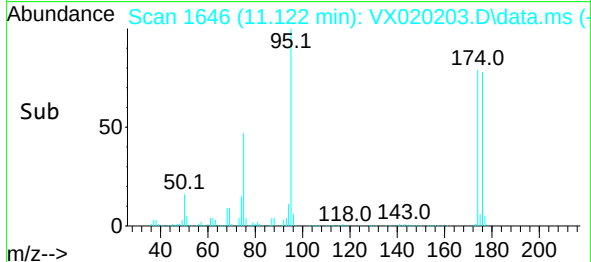
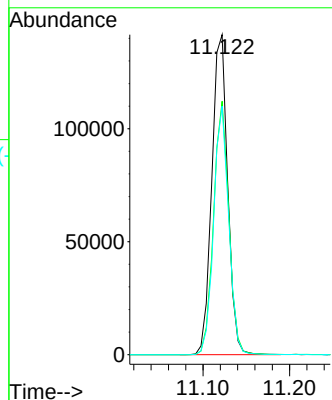
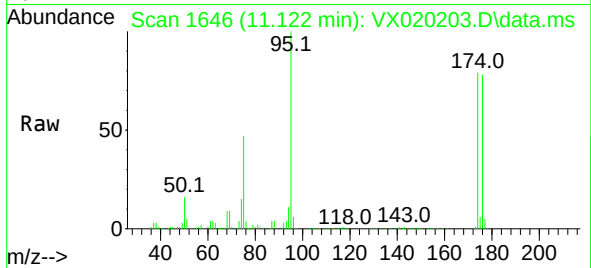




#62
4-Bromofluorobenzene
Concen: 42.41 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020203.D
Acq: 20 Dec 2020 04:23

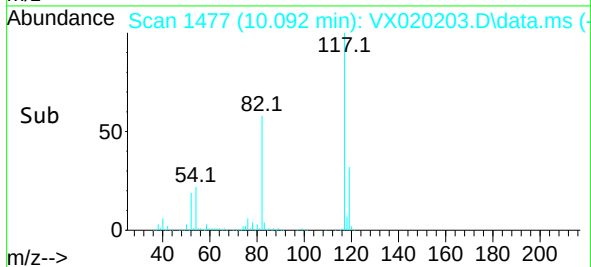
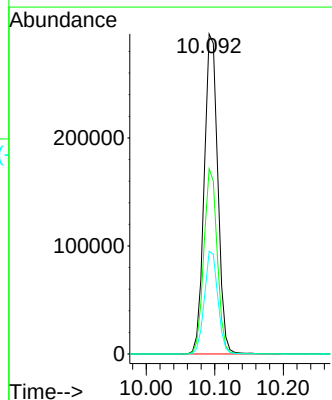
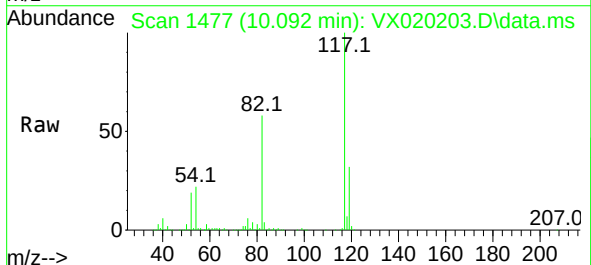
Instrument :
MSVOA_X
ClientSampleId :
39-FD01-121420

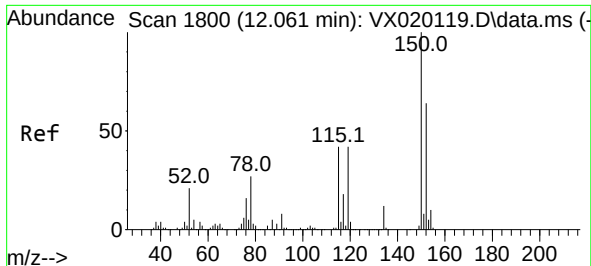
Tgt Ion: 95 Resp: 180190
Ion Ratio Lower Upper
95 100
174 76.1 0.0 154.6
176 73.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020203.D
Acq: 20 Dec 2020 04:23

Tgt Ion: 117 Resp: 409629
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.2
119 32.1 26.6 39.8

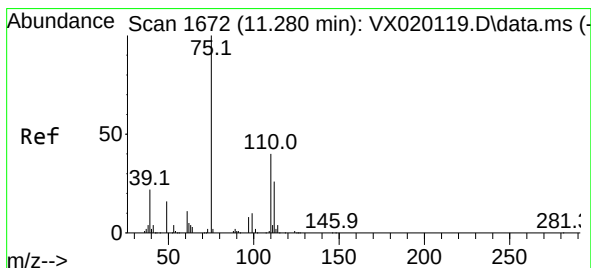
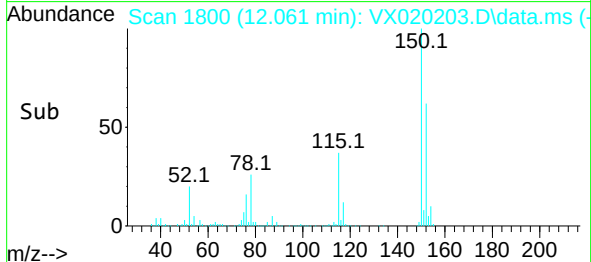
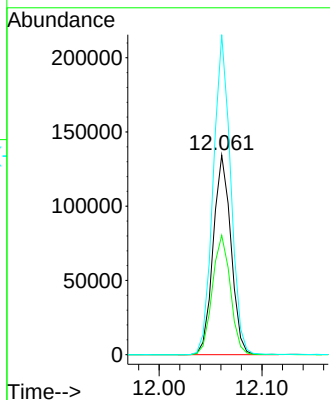
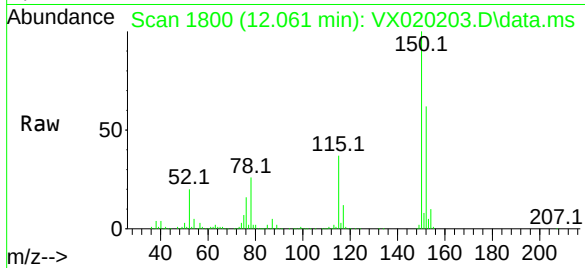




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020203.D
Acq: 20 Dec 2020 04:23

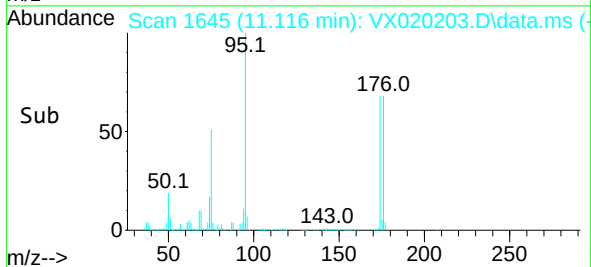
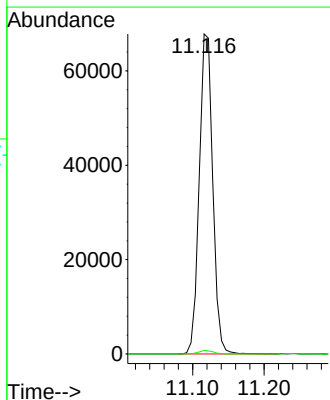
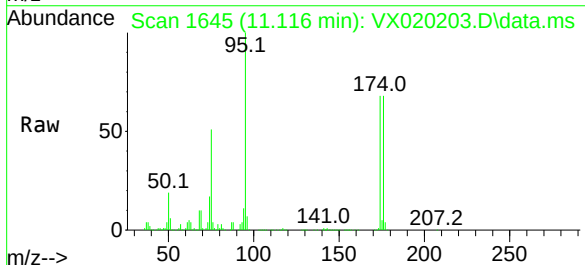
Instrument :
MSVOA_X
ClientSampleId :
39-FD01-121420

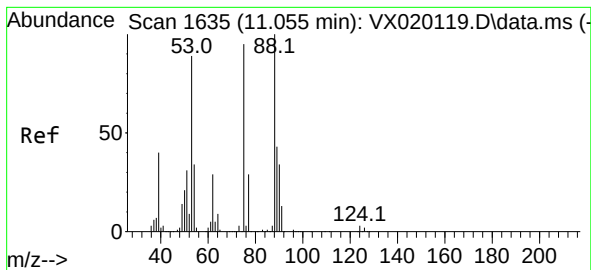
Tgt Ion:152 Resp: 160816
Ion Ratio Lower Upper
152 100
115 60.6 41.1 123.3
150 157.8 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 22.45 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020203.D
Acq: 20 Dec 2020 04:23

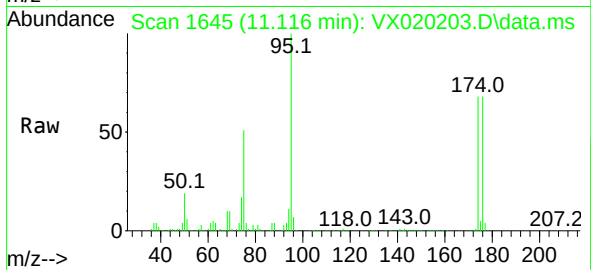
Tgt Ion: 75 Resp: 88936
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.61 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020203.D
Acq: 20 Dec 2020 04:23

Instrument :
MSVOA_X
ClientSampleId :
39-FD01-121420



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	74.5	111.7#
89	0.0	37.9	56.9#

