

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020204.D
 Acq On : 20 Dec 2020 04:47
 Operator : JC/MD
 Sample : L5095-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 39-6145-121420

Quant Time: Dec 21 02:44:01 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)

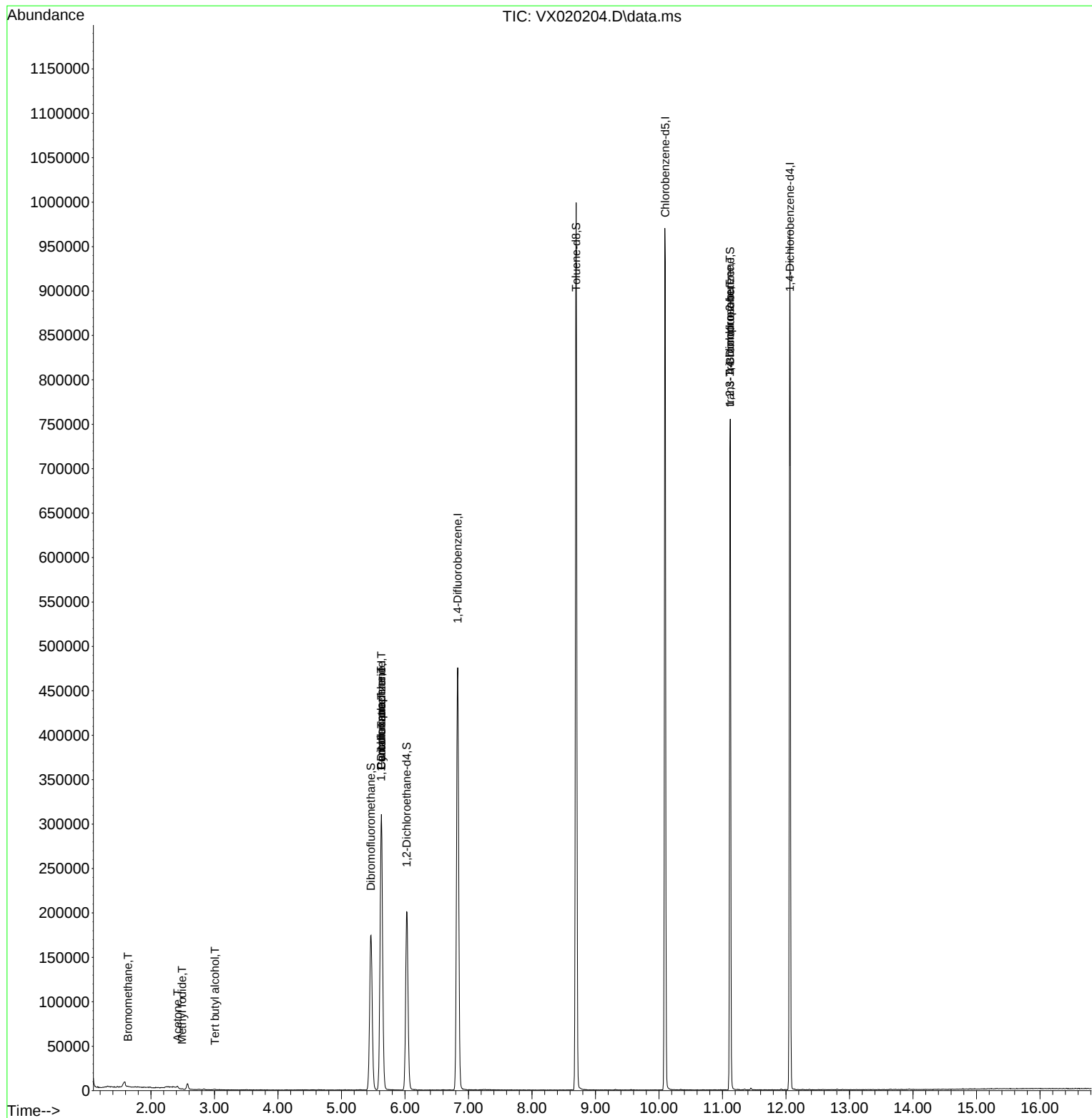
Internal Standards						
1) Pentafluorobenzene	5.629	168	292545	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	487504	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	458371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	196644	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	192410	49.07	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.14%
35) Dibromofluoromethane	5.465	113	154893	49.67	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.34%
50) Toluene-d8	8.696	98	599331	49.93	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.86%
62) 4-Bromofluorobenzene	11.122	95	208614	45.41	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.82%
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	607	0.47	ug/l	99
10) Methyl Iodide	2.489	142	368	3.37	ug/l #	68
11) Tert butyl alcohol	3.008	59	530	0.60	ug/l #	73
16) Acetone	2.416	43	2260	1.26	ug/l	98
31) Cyclohexane	5.629	56	5838	1.08	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	22377	4.64	ug/l #	48
38) Carbon Tetrachloride	5.629	117	29422	6.42	ug/l #	16
76) 1,2,3-Trichloropropane	11.116	75	100897	20.83	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	100897	61.80	ug/l #	12

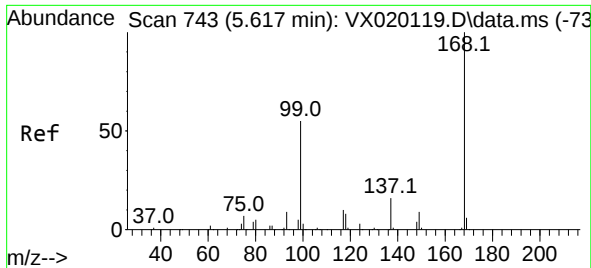
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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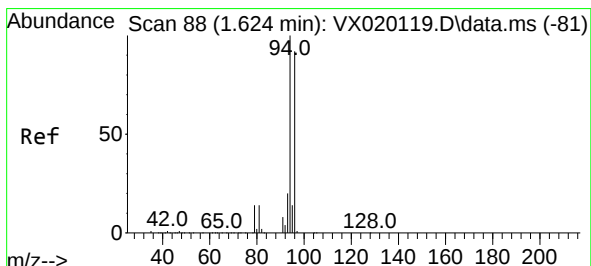
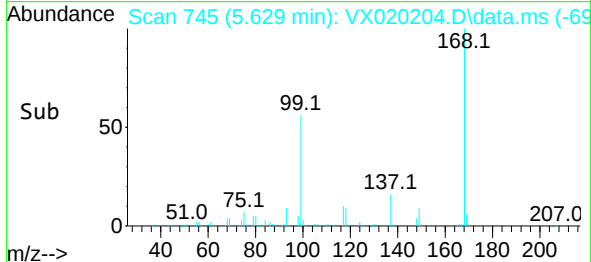
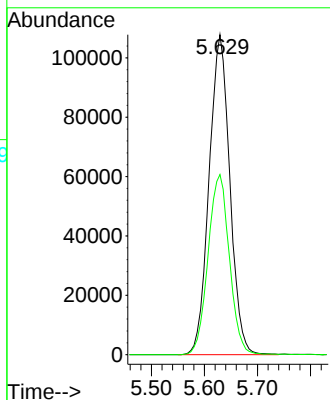
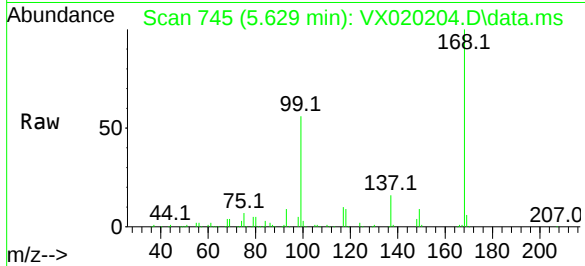




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020204.D
Acq: 20 Dec 2020 04:47

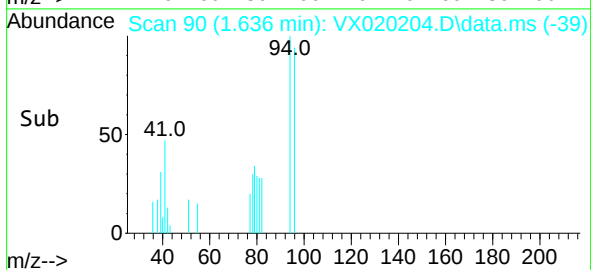
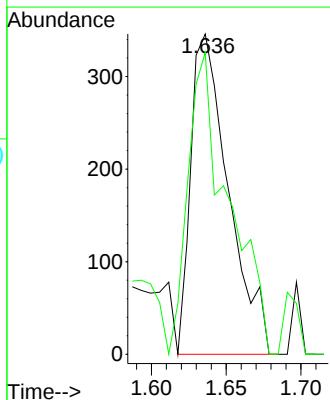
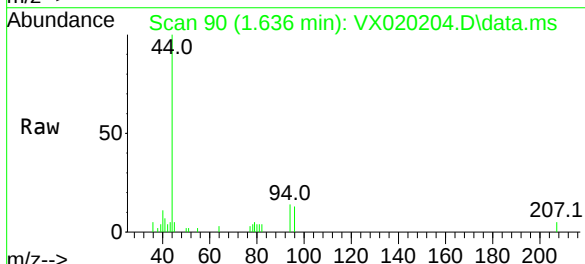
Instrument :
MSVOA_X
ClientSampleId :
39-6145-121420

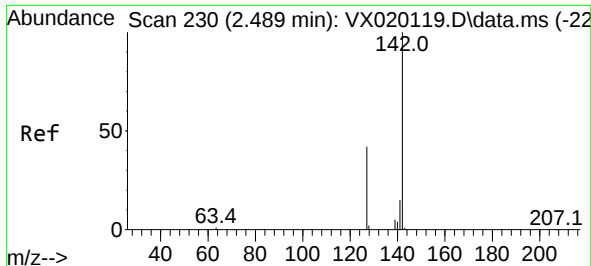
Tgt Ion:168 Resp: 292545
Ion Ratio Lower Upper
168 100
99 56.3 45.8 68.6



#5
Bromomethane
Concen: 0.47 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020204.D
Acq: 20 Dec 2020 04:47

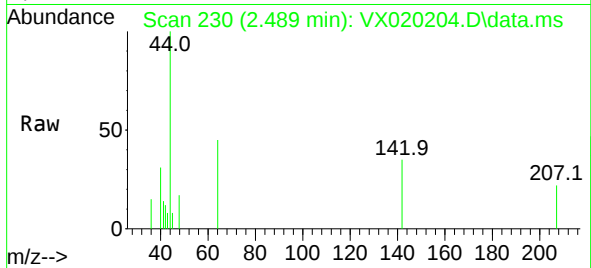
Tgt Ion: 94 Resp: 607
Ion Ratio Lower Upper
94 100
96 94.2 76.4 114.6



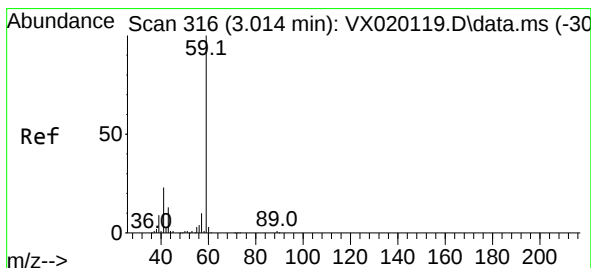
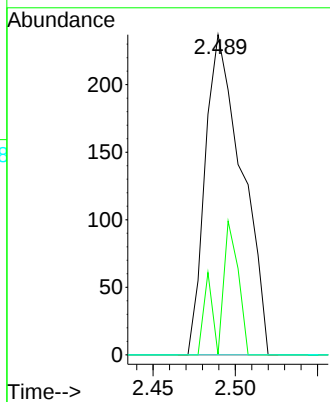
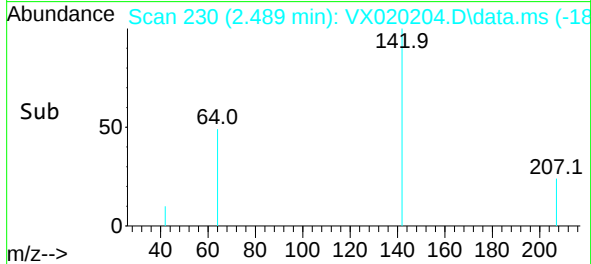


#10
Methyl Iodide
Concen: 3.37 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020204.D
Acq: 20 Dec 2020 04:47

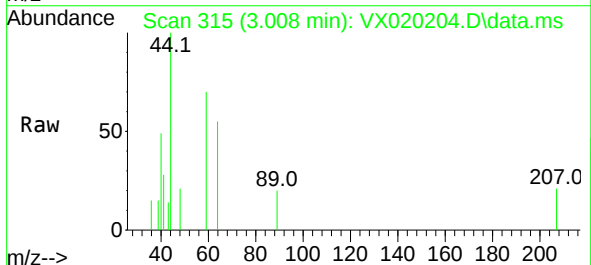
Instrument :
MSVOA_X
ClientSampleId :
39-6145-121420



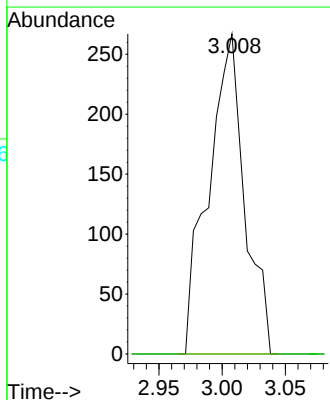
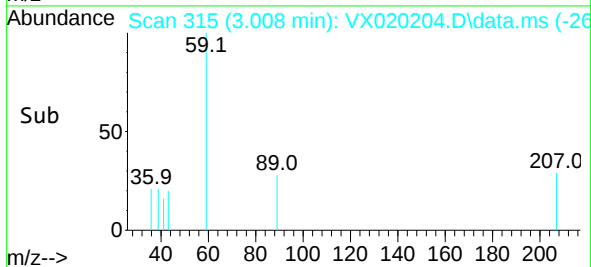
Tgt Ion:142 Resp: 368
Ion Ratio Lower Upper
142 100
127 22.3 33.3 49.9#
141 0.0 11.4 17.0#

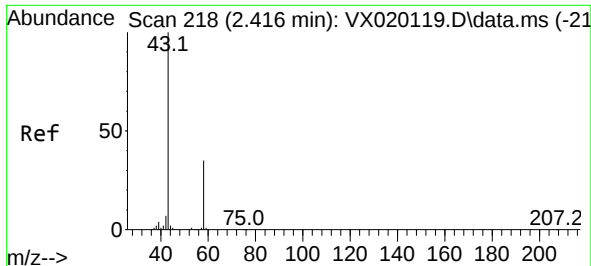


#11
Tert butyl alcohol
Concen: 0.60 ug/l
RT: 3.008 min Scan# 315
Delta R.T. -0.006 min
Lab File: VX020204.D
Acq: 20 Dec 2020 04:47



Tgt Ion: 59 Resp: 530
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

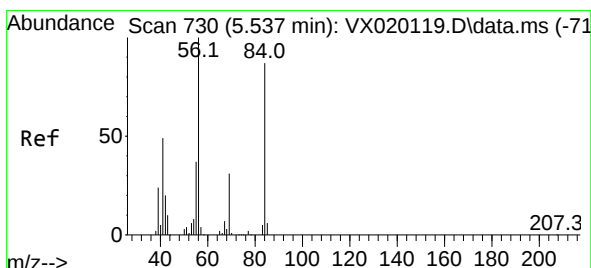
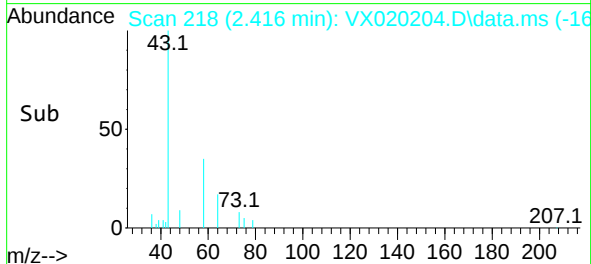
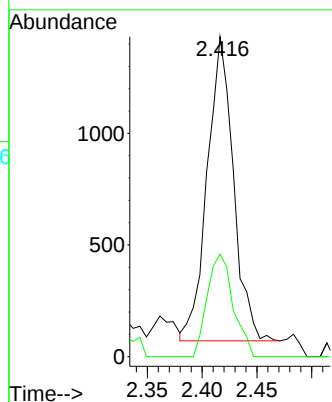
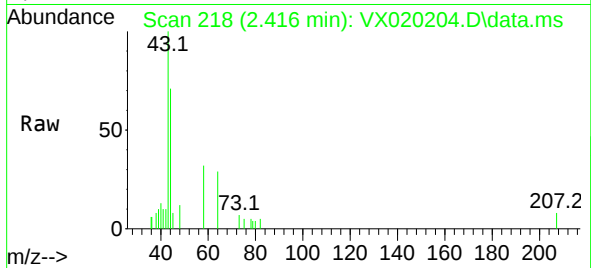




#16
Acetone
Concen: 1.26 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020204.D
Acq: 20 Dec 2020 04:47

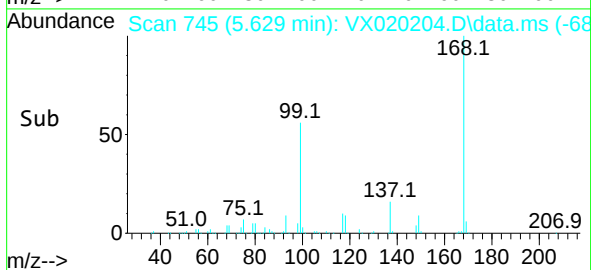
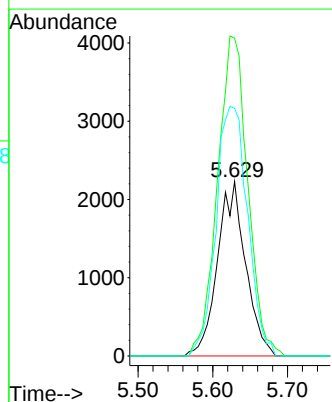
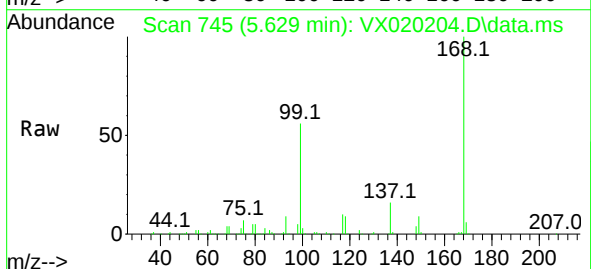
Instrument :
MSVOA_X
ClientSampleId :
39-6145-121420

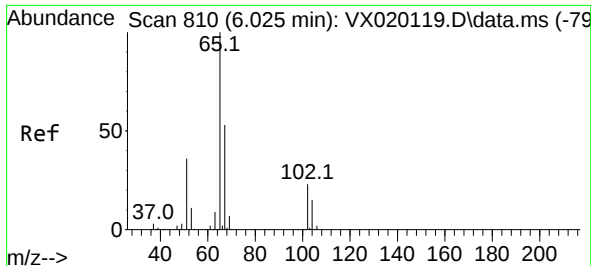
Tgt Ion: 43 Resp: 2260
Ion Ratio Lower Upper
43 100
58 33.7 27.8 41.8



#31
Cyclohexane
Concen: 1.08 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020204.D
Acq: 20 Dec 2020 04:47

Tgt Ion: 56 Resp: 5838
Ion Ratio Lower Upper
56 100
69 182.3 25.3 37.9#
84 142.1 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 49.07 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020204.D

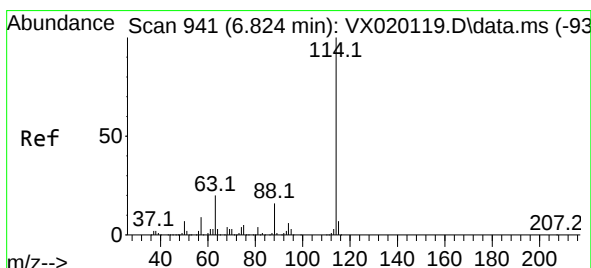
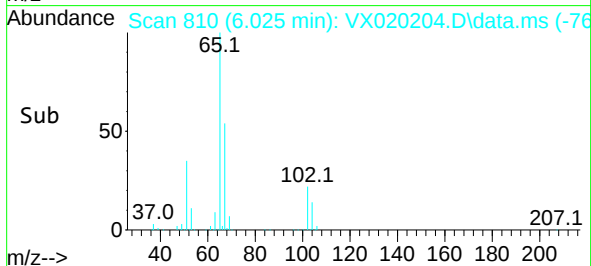
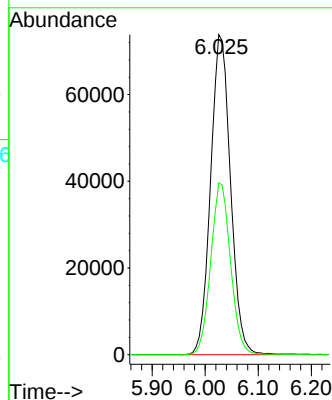
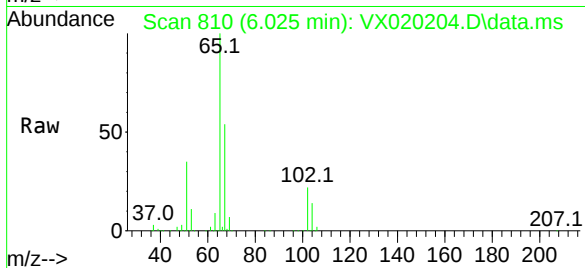
Acq: 20 Dec 2020 04:47

Tgt Ion: 65 Resp: 192410

Ion Ratio Lower Upper

65 100

67 53.3 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: VX020204.D

Acq: 20 Dec 2020 04:47

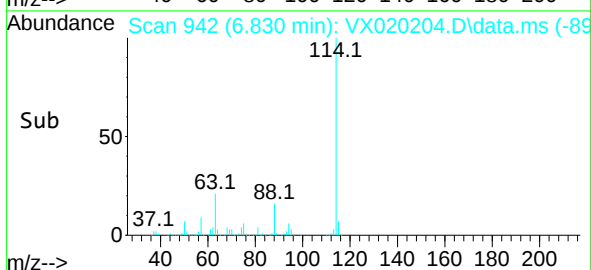
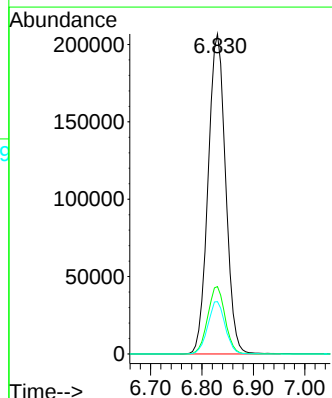
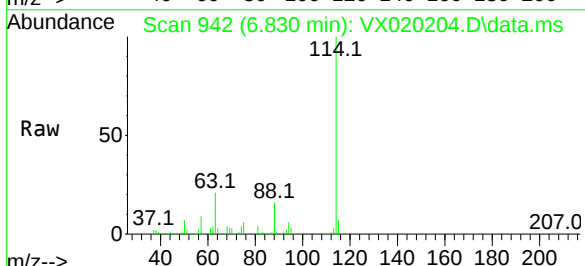
Tgt Ion: 114 Resp: 487504

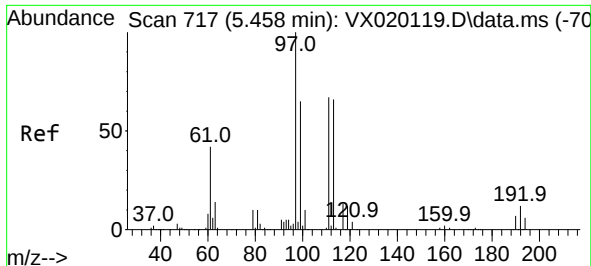
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

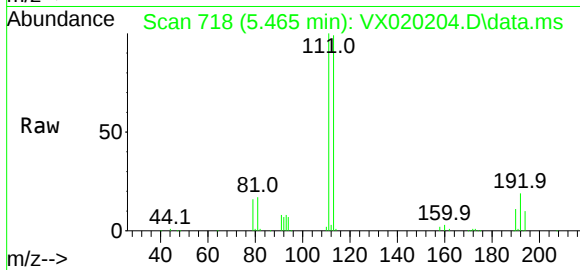
88 16.4 0.0 32.8



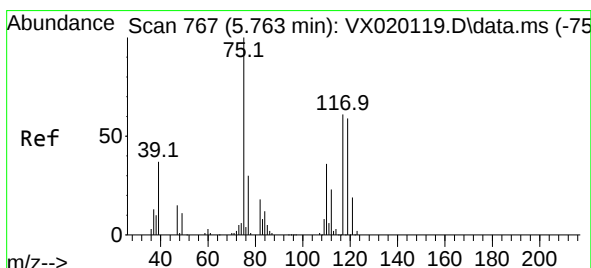
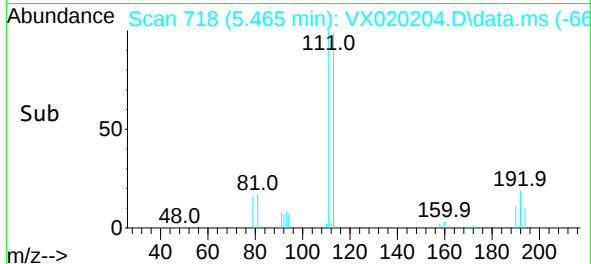
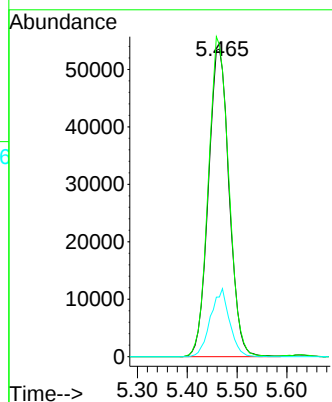


#35
Dibromofluoromethane
Concen: 49.67 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020204.D
Acq: 20 Dec 2020 04:47

Instrument :
MSVOA_X
ClientSampleId :
39-6145-121420

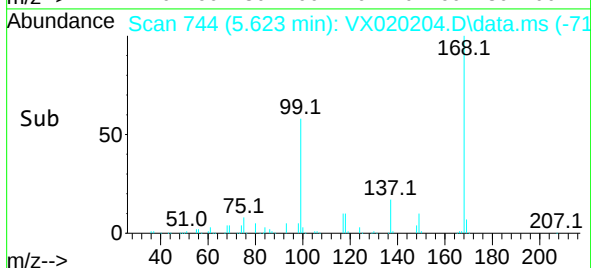
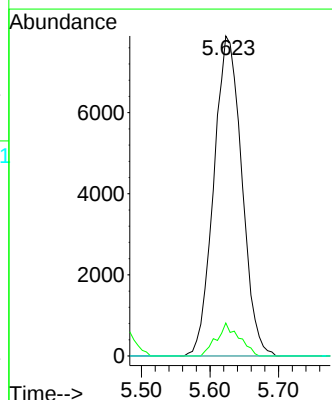
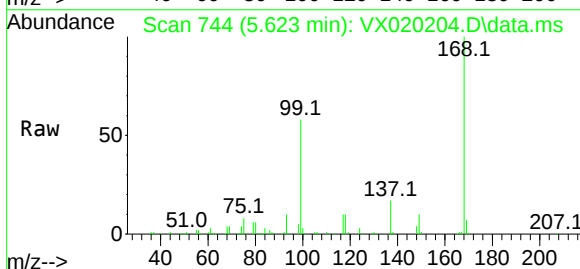


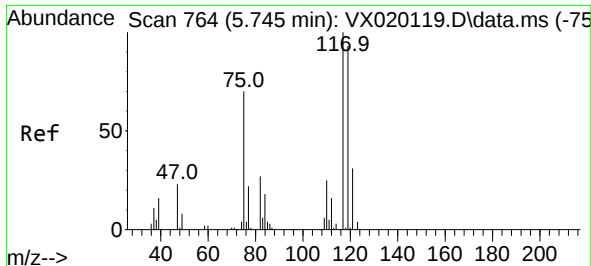
Tgt Ion:113 Resp: 154893
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 20.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.64 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020204.D
Acq: 20 Dec 2020 04:47

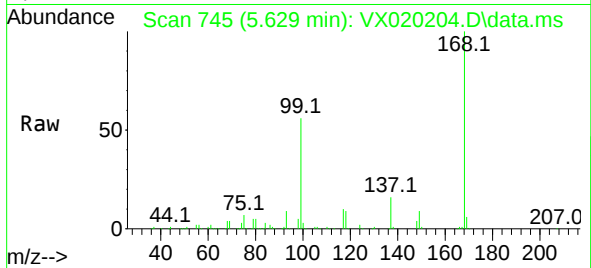
Tgt Ion: 75 Resp: 22377
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.4#
77 0.0 25.3 37.9#



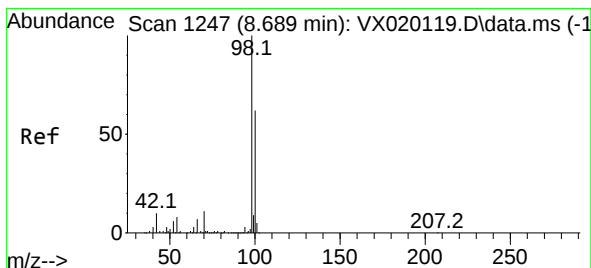
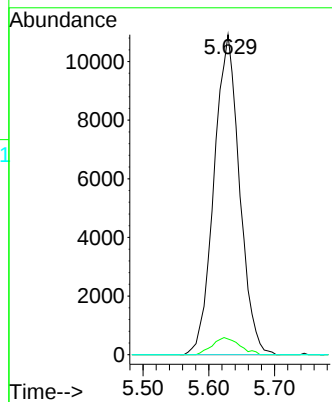
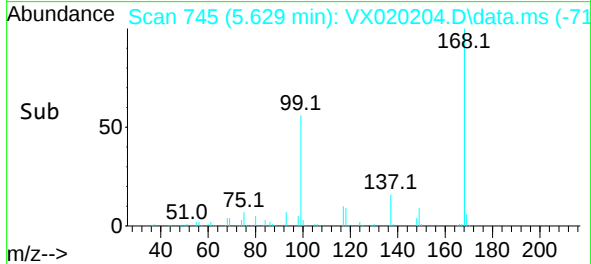


#38
Carbon Tetrachloride
Concen: 6.42 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020204.D
Acq: 20 Dec 2020 04:47

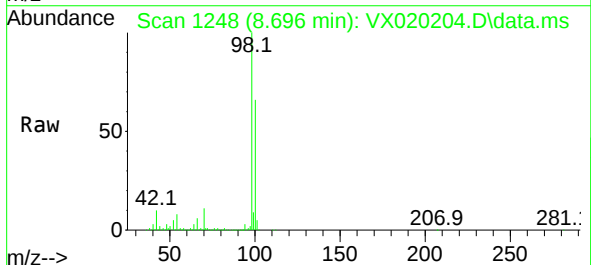
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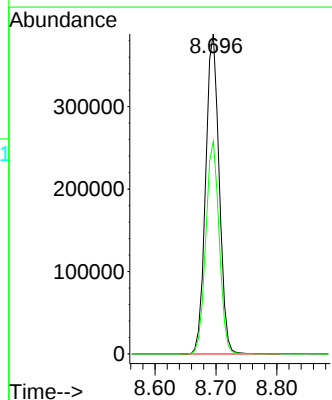
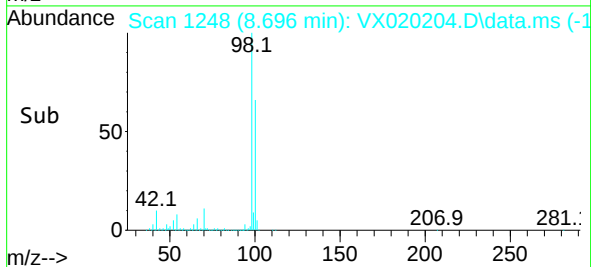
Tgt Ion:117 Resp: 29422
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.2#
121 0.0 24.8 37.2#

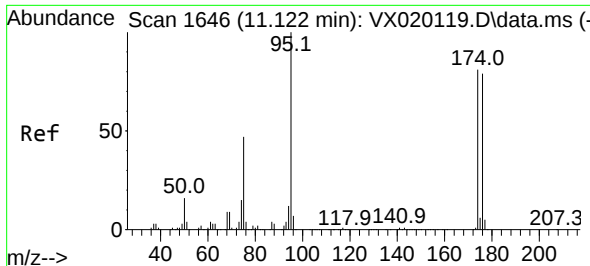


#50
Toluene-d8
Concen: 49.93 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020204.D
Acq: 20 Dec 2020 04:47



Tgt Ion: 98 Resp: 599331
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9

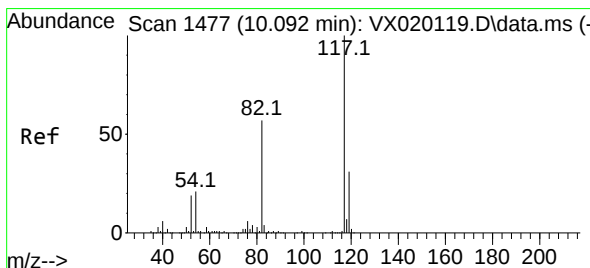
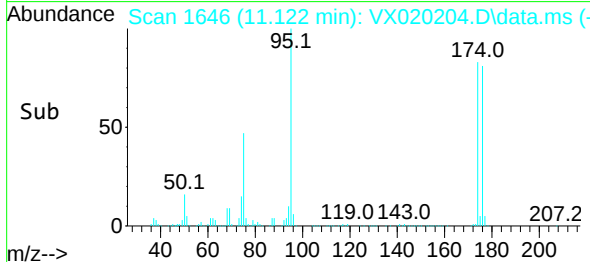
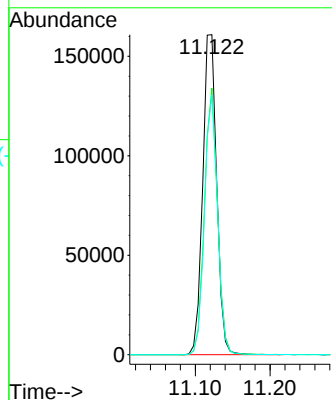
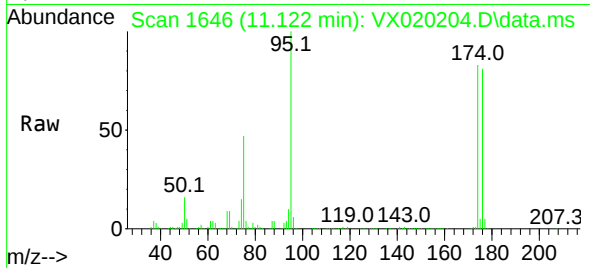




#62
4-Bromofluorobenzene
Concen: 45.41 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020204.D
Acq: 20 Dec 2020 04:47

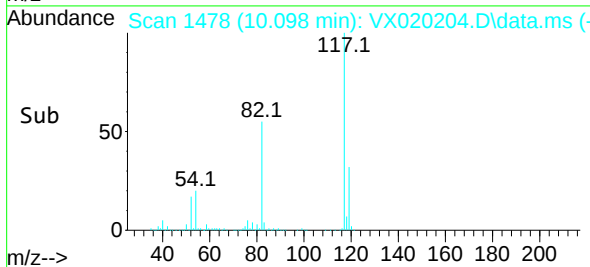
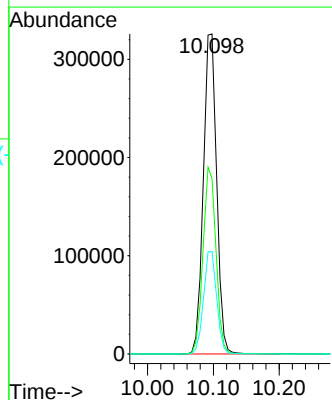
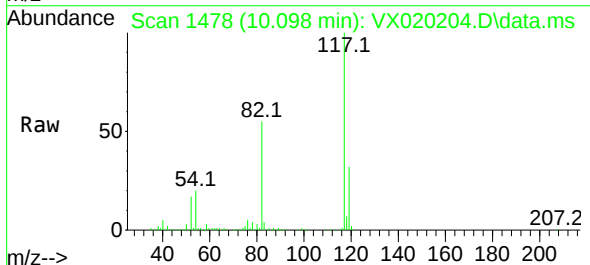
Instrument :
MSVOA_X
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39-6145-121420

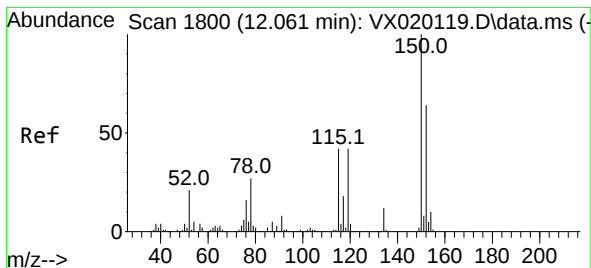
Tgt Ion: 95 Resp: 208614
Ion Ratio Lower Upper
95 100
174 78.1 0.0 154.6
176 76.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020204.D
Acq: 20 Dec 2020 04:47

Tgt Ion: 117 Resp: 458371
Ion Ratio Lower Upper
117 100
82 54.8 47.4 71.2
119 32.0 26.6 39.8

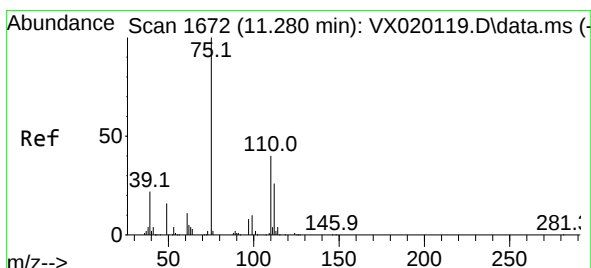
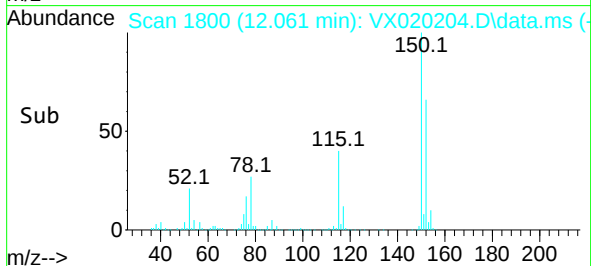
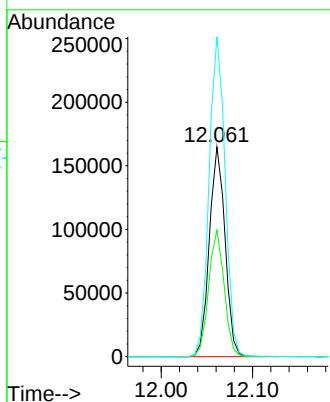
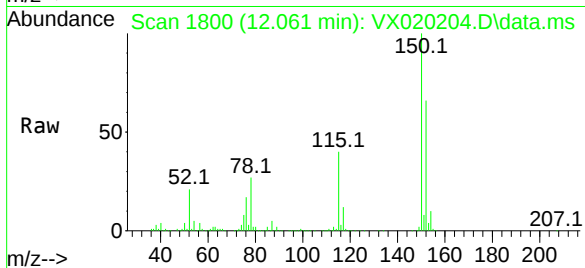




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020204.D
Acq: 20 Dec 2020 04:47

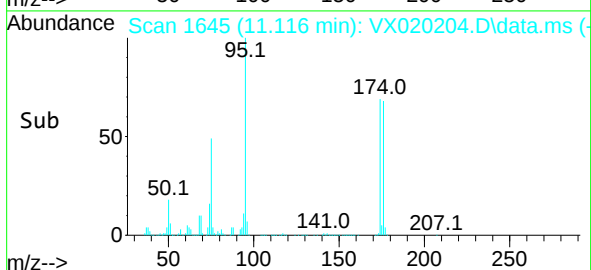
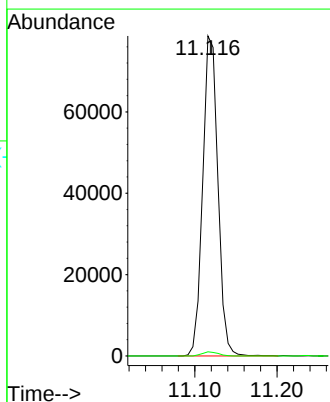
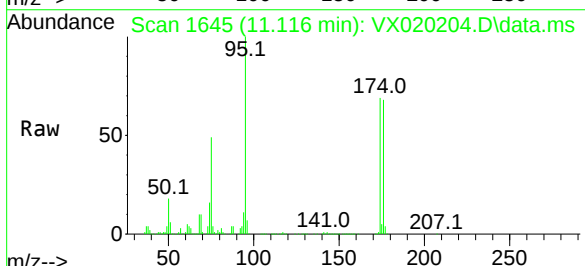
Instrument :
MSVOA_X
ClientSampleId :
39-6145-121420

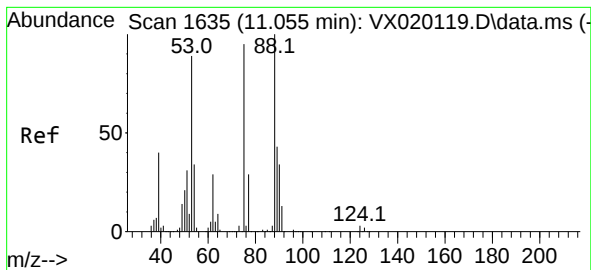
Tgt Ion:152 Resp: 196644
Ion Ratio Lower Upper
152 100
115 59.4 41.1 123.3
150 155.5 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 20.83 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020204.D
Acq: 20 Dec 2020 04:47

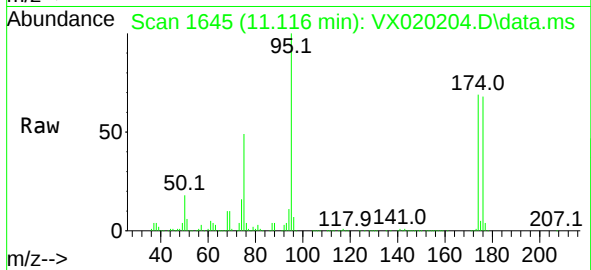
Tgt Ion: 75 Resp: 100897
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.80 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. 0.061 min
 Lab File: VX020204.D
 Acq: 20 Dec 2020 04:47

Instrument :
 MSVOA_X
 ClientSampleId :
 39-6145-121420



Tgt Ion: 75 Resp: 100897
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

