

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123120\
 Data File : VX020471.D
 Acq On : 31 Dec 2020 10:16
 Operator : JC/MD
 Sample : VX1231MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231MBL01

Quant Time: Jan 01 00:06:09 2021
 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

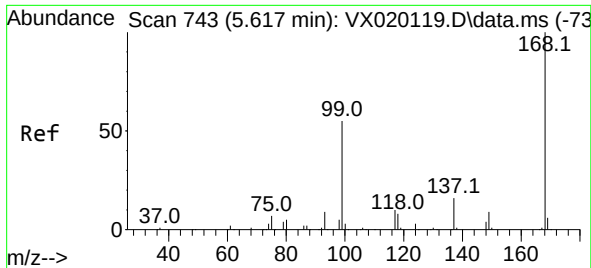
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.623	168	260496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	434582	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	407998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	174572	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	168444	48.24	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.48%		
35) Dibromofluoromethane	5.458	113	140295	50.47	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.94%		
50) Toluene-d8	8.696	98	526685	49.22	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.44%		
62) 4-Bromofluorobenzene	11.122	95	185788	45.36	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.72%		
Target Compounds						Qvalue
5) Bromomethane	1.642	94	696	0.61	ug/l #	80
10) Methyl Iodide	2.489	142	590	3.44	ug/l #	92
11) Tert butyl alcohol	2.983	59	1637	2.09	ug/l #	73
13) Acrolein	2.270	56	241	0.49	ug/l #	28
16) Acetone	2.416	43	1880	1.18	ug/l	96
29) Tetrahydrofuran	5.093	42	357	0.24	ug/l #	44
31) Cyclohexane	5.623	56	5256	1.09	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	20134	4.69	ug/l #	48
38) Carbon Tetrachloride	5.623	117	25308	6.20	ug/l #	17
76) 1,2,3-Trichloropropane	11.116	75	89428	20.80	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	89428	61.70	ug/l #	12
94) Hexachlorobutadiene	13.762	225	332	2.84	ug/l	95

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

Quant Time: Jan 01 00:06:09 2021
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

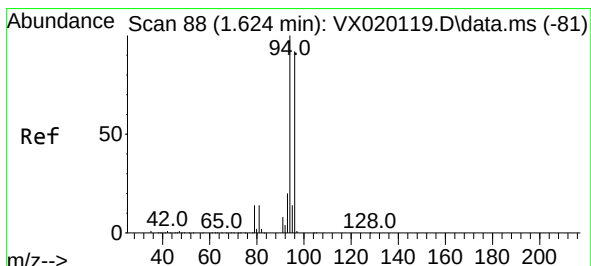
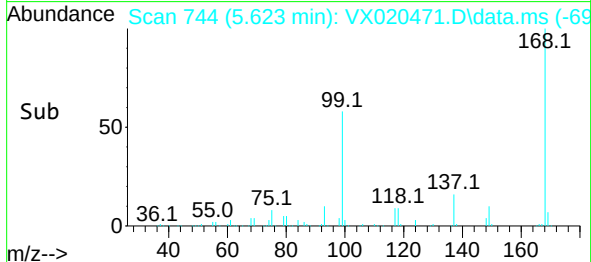
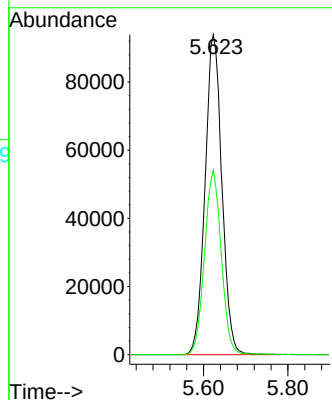
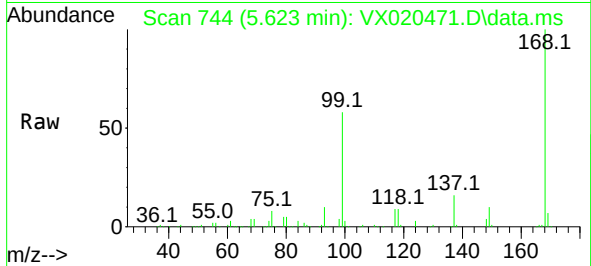




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.006 min
Lab File: VX020471.D
Acq: 31 Dec 2020 10:16

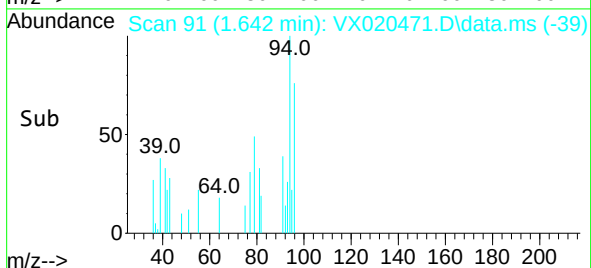
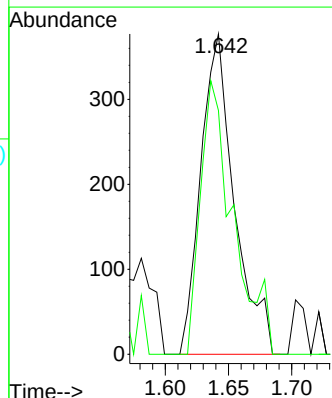
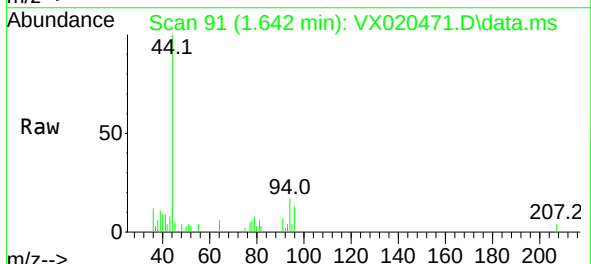
Instrument :
MSVOA_X
ClientSampleId :
VX1231MBL01

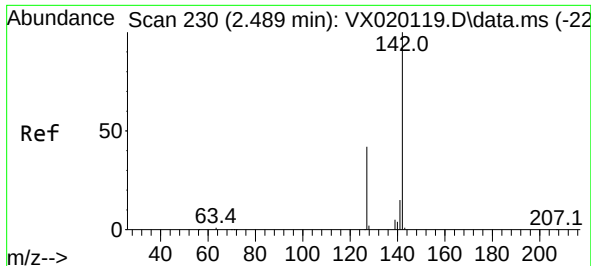
Tgt Ion:168 Resp: 260496
Ion Ratio Lower Upper
168 100
99 57.8 45.8 68.6



#5
Bromomethane
Concen: 0.61 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX020471.D
Acq: 31 Dec 2020 10:16

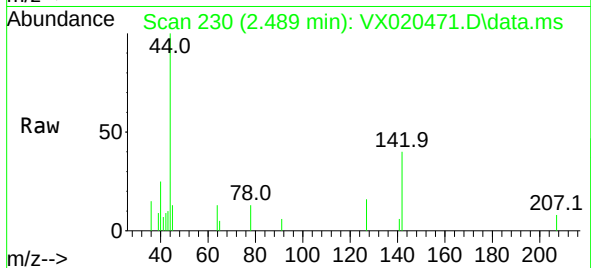
Tgt Ion: 94 Resp: 696
Ion Ratio Lower Upper
94 100
96 76.1 76.4 114.6#



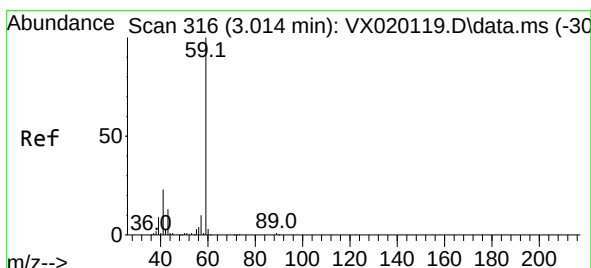
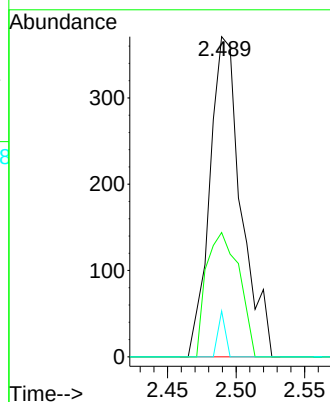
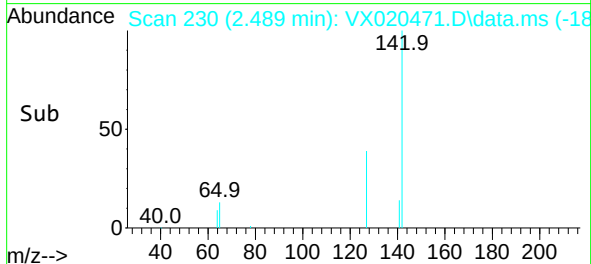


#10
Methyl Iodide
Concen: 3.44 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020471.D
Acq: 31 Dec 2020 10:16

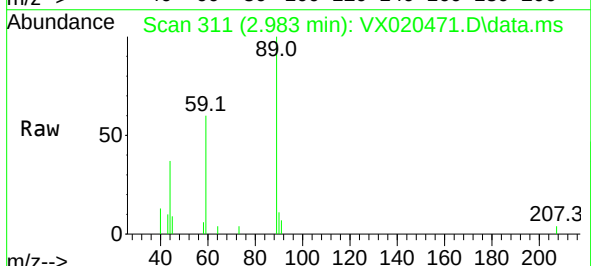
Instrument :
MSVOA_X
ClientSampleId :
VX1231MBL01



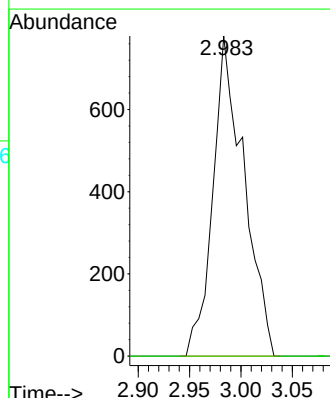
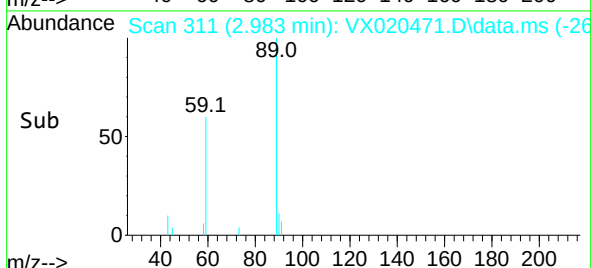
Tgt Ion:142 Resp: 590
Ion Ratio Lower Upper
142 100
127 40.7 33.3 49.9
141 3.2 11.4 17.0#

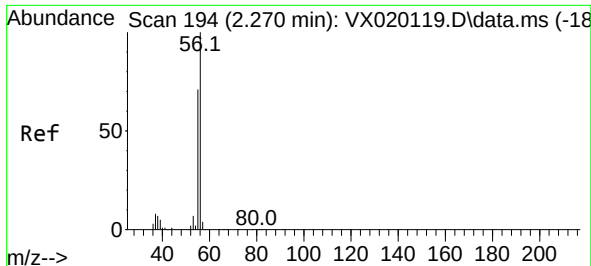


#11
Tert butyl alcohol
Concen: 2.09 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.031 min
Lab File: VX020471.D
Acq: 31 Dec 2020 10:16



Tgt Ion: 59 Resp: 1637
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

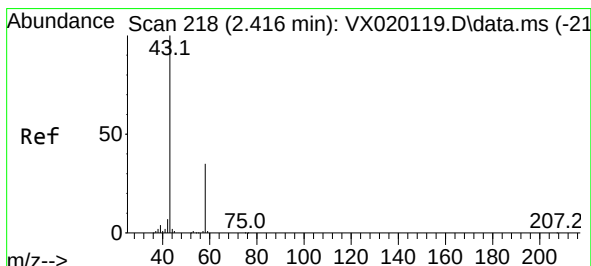
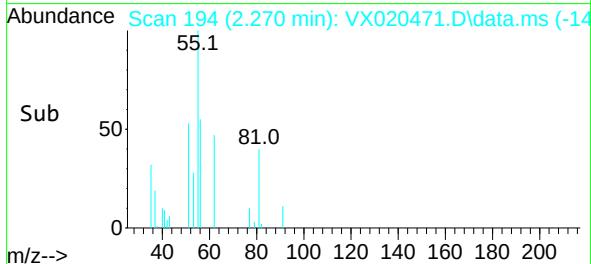
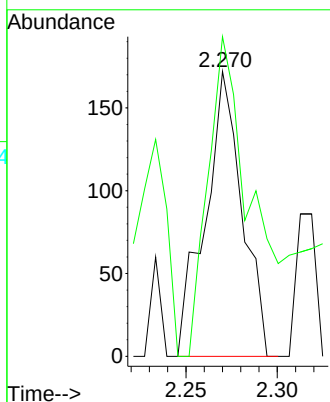
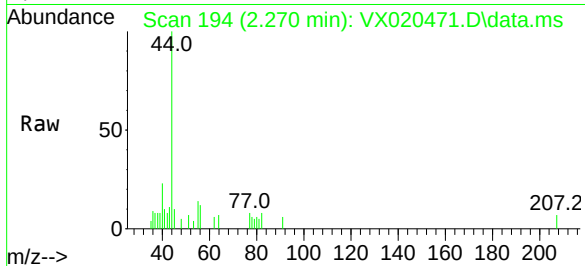




#13
Acrolein
Concen: 0.49 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.000 min
Lab File: VX020471.D
Acq: 31 Dec 2020 10:16

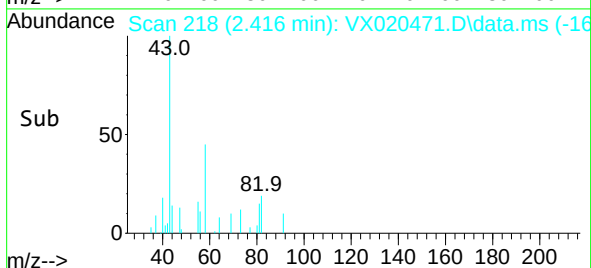
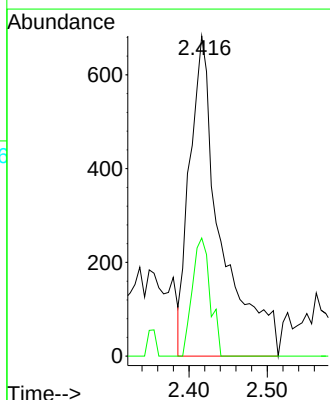
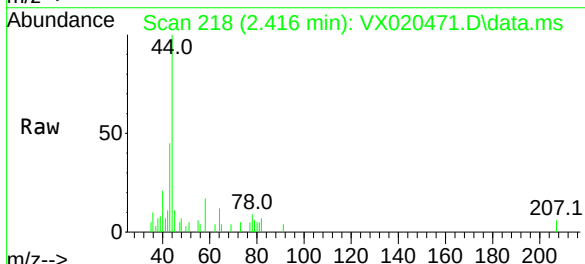
Instrument :
MSVOA_X
ClientSampleId :
VX1231MBL01

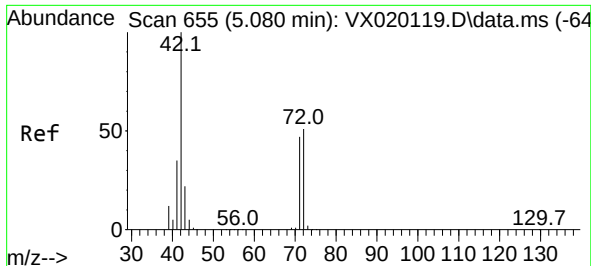
Tgt Ion: 56 Resp: 241
Ion Ratio Lower Upper
56 100
55 129.9 56.4 84.6#



#16
Acetone
Concen: 1.18 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020471.D
Acq: 31 Dec 2020 10:16

Tgt Ion: 43 Resp: 1880
Ion Ratio Lower Upper
43 100
58 36.9 27.8 41.8





#29

Tetrahydrofuran

Concen: 0.24 ug/l

RT: 5.093 min Scan# 657

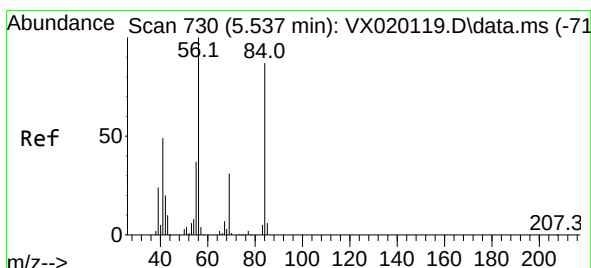
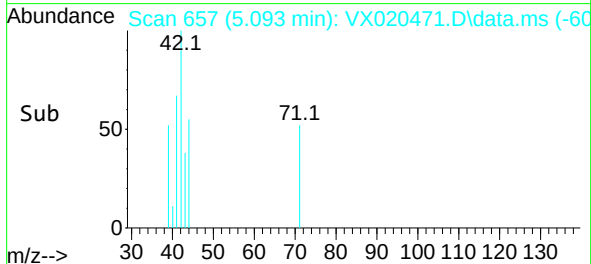
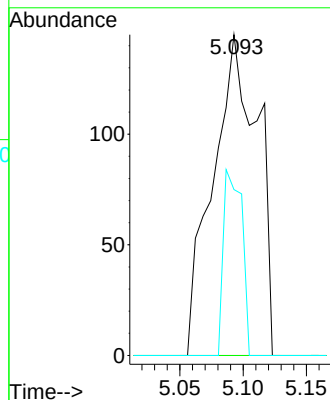
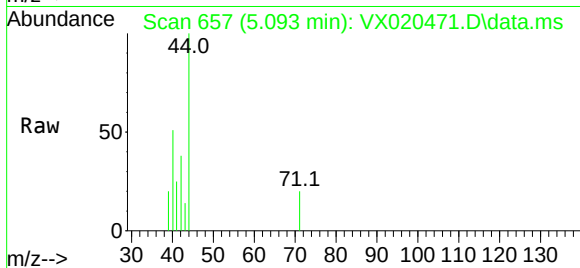
Delta R.T. 0.013 min

Lab File: VX020471.D

Acq: 31 Dec 2020 10:16

Tgt Ion:	42	Resp:	357
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	23.8	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :
VX1231MBL01



#31

Cyclohexane

Concen: 1.09 ug/l

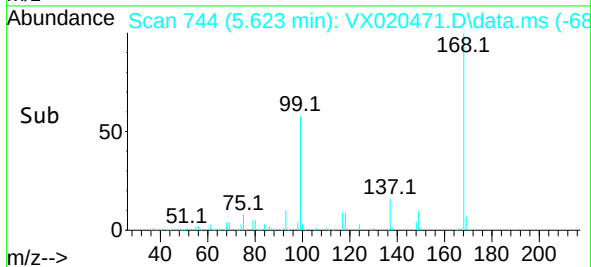
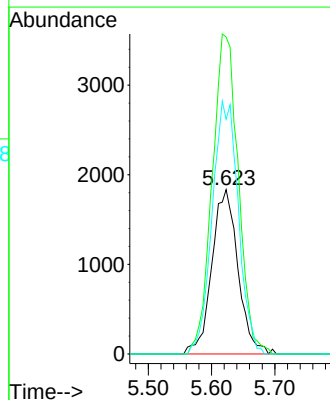
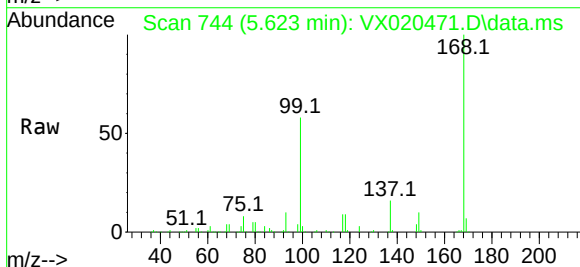
RT: 5.623 min Scan# 744

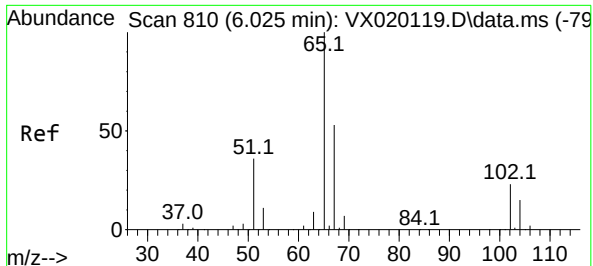
Delta R.T. 0.086 min

Lab File: VX020471.D

Acq: 31 Dec 2020 10:16

Tgt Ion:	56	Resp:	5256
Ion	Ratio	Lower	Upper
56	100		
69	193.0	25.3	37.9#
84	142.9	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 48.24 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020471.D

Acq: 31 Dec 2020 10:16

Tgt Ion: 65 Resp: 168444

Ion Ratio Lower Upper

65 100

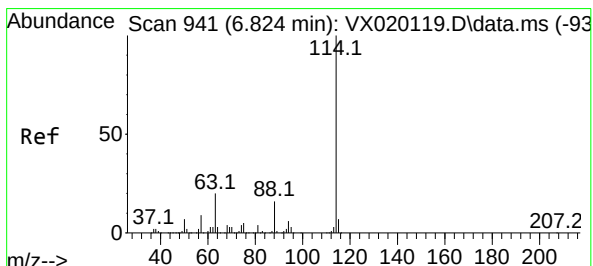
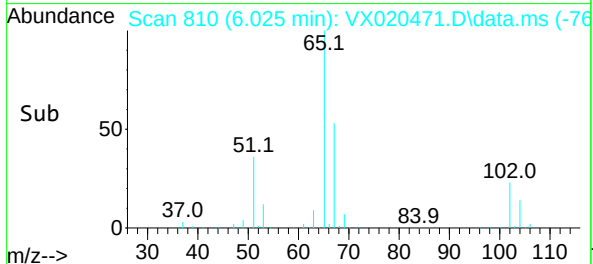
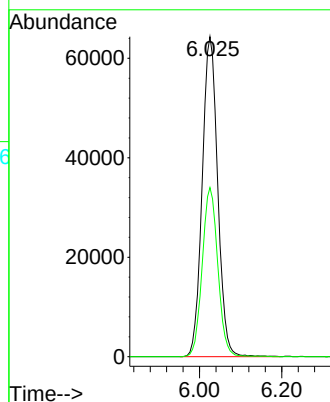
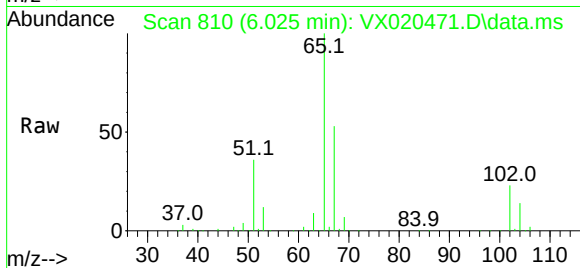
67 53.0 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

VX1231MBL01



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.824 min Scan# 941

Delta R.T. 0.000 min

Lab File: VX020471.D

Acq: 31 Dec 2020 10:16

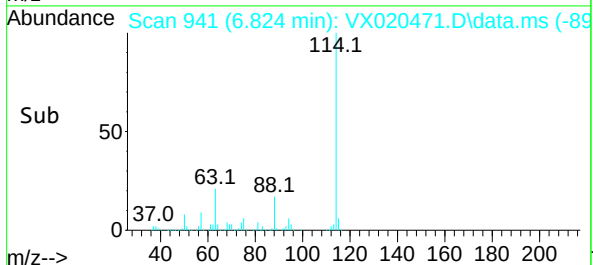
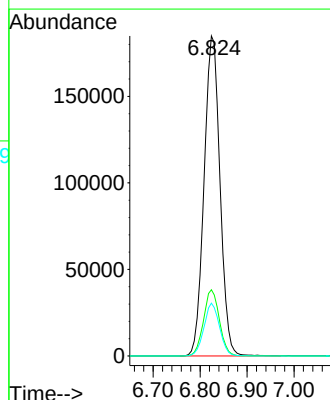
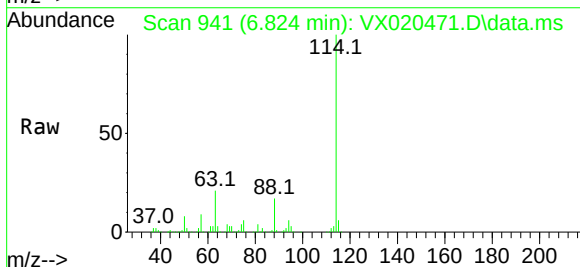
Tgt Ion: 114 Resp: 434582

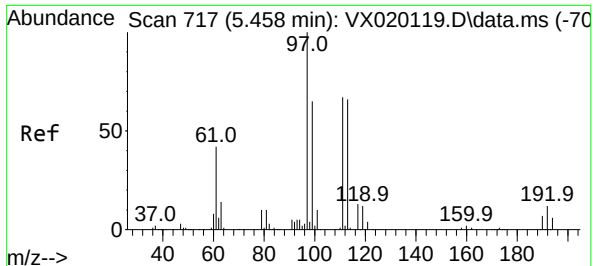
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

88 16.5 0.0 32.8

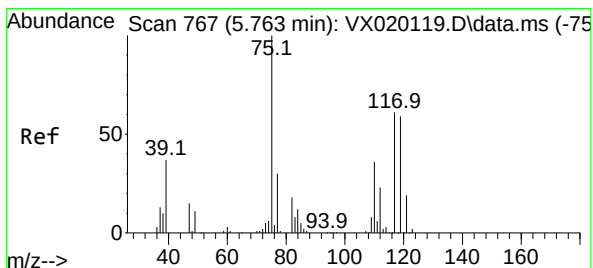
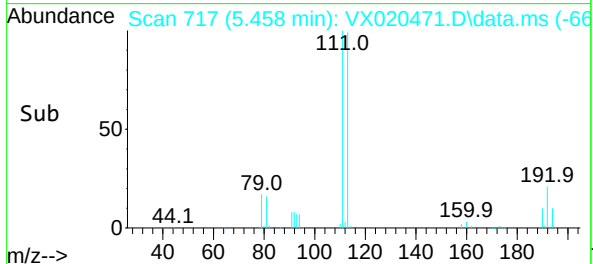
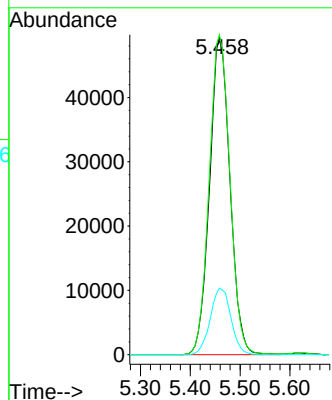
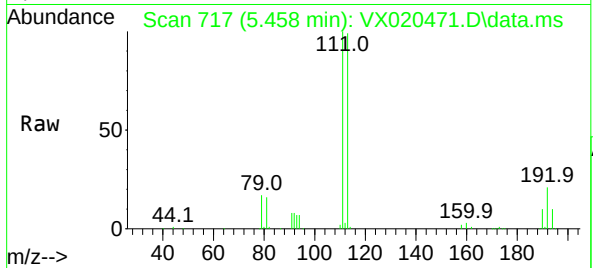




#35
Dibromofluoromethane
Concen: 50.47 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX020471.D
Acq: 31 Dec 2020 10:16

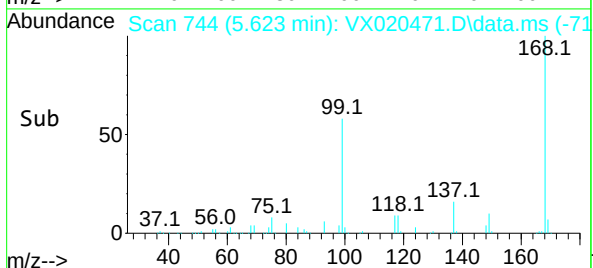
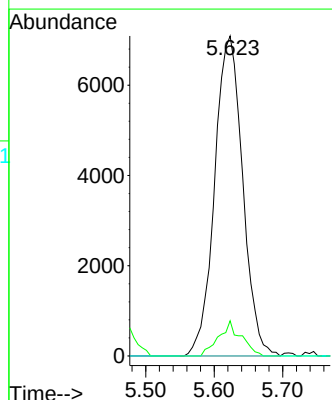
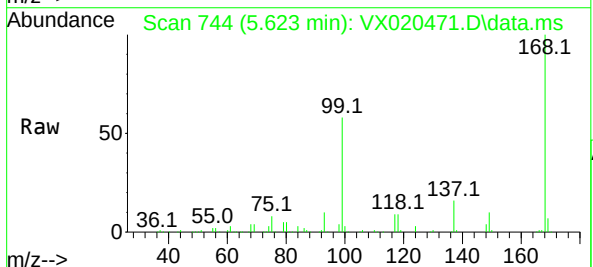
Instrument :
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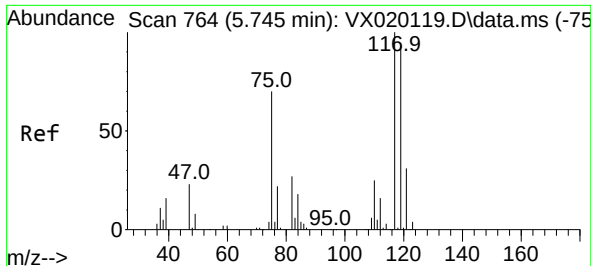
Tgt Ion:113 Resp: 140295
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 21.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.69 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020471.D
Acq: 31 Dec 2020 10:16

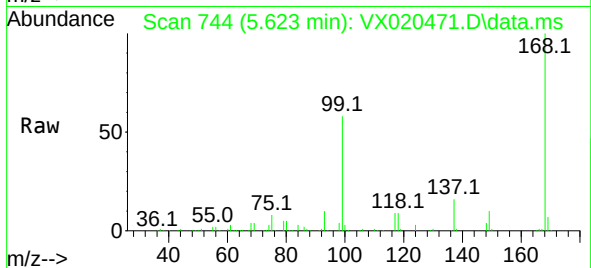
Tgt Ion: 75 Resp: 20134
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#



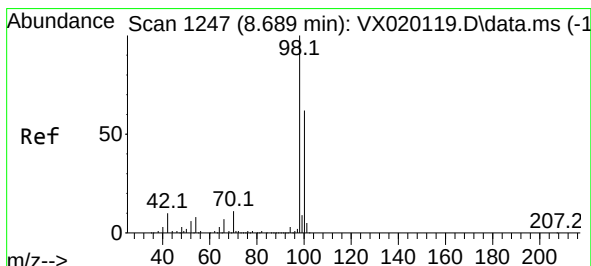
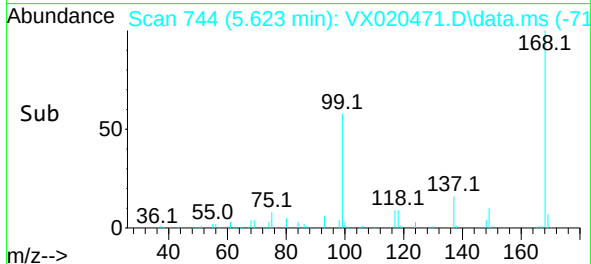
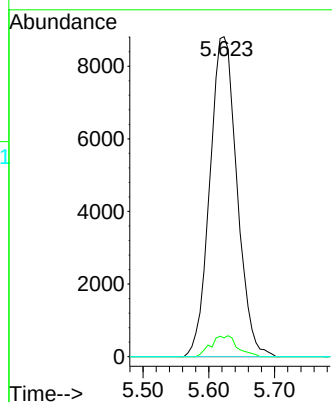


#38
Carbon Tetrachloride
Concen: 6.20 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020471.D
Acq: 31 Dec 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VX1231MBL01

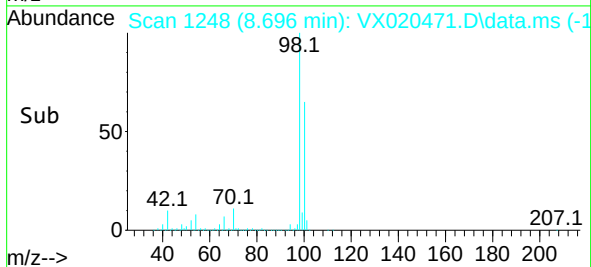
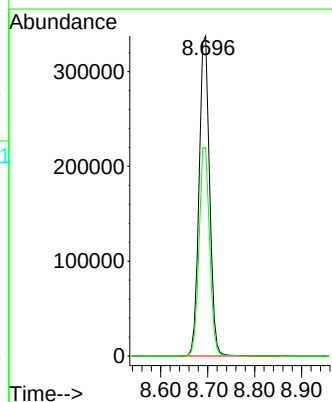
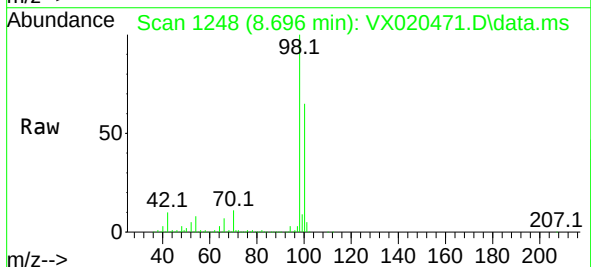


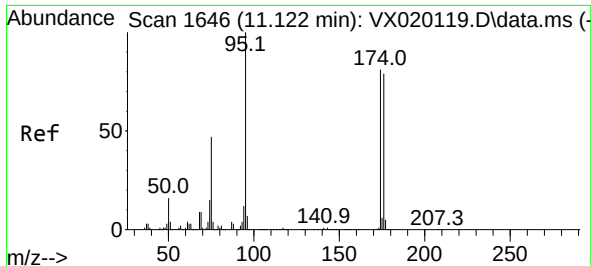
Tgt Ion:117 Resp: 25308
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.22 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020471.D
Acq: 31 Dec 2020 10:16

Tgt Ion: 98 Resp: 526685
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9

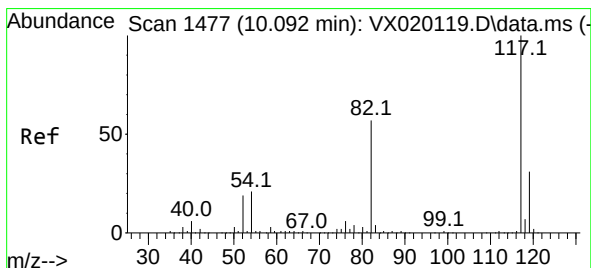
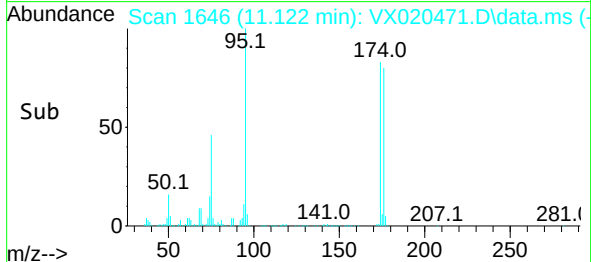
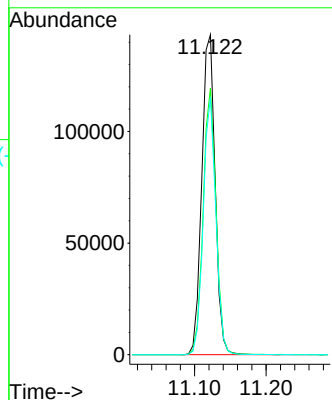
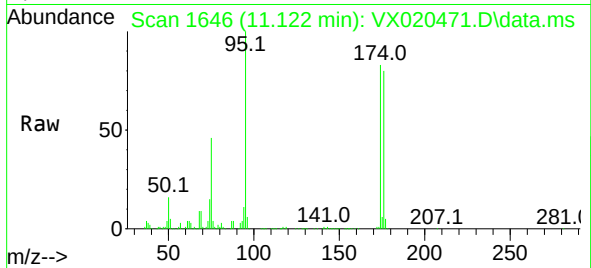




#62
4-Bromofluorobenzene
Concen: 45.36 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020471.D
Acq: 31 Dec 2020 10:16

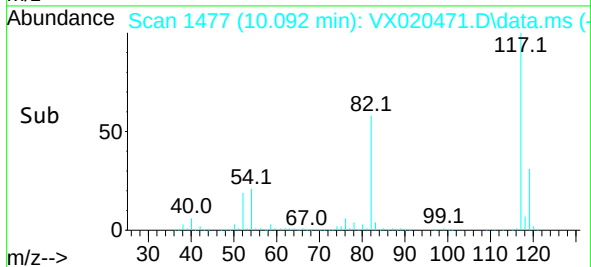
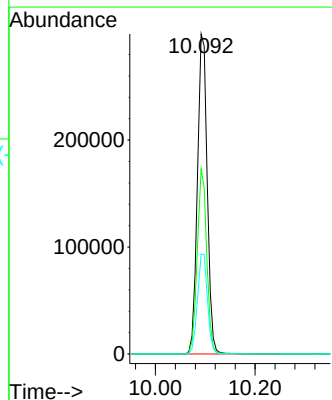
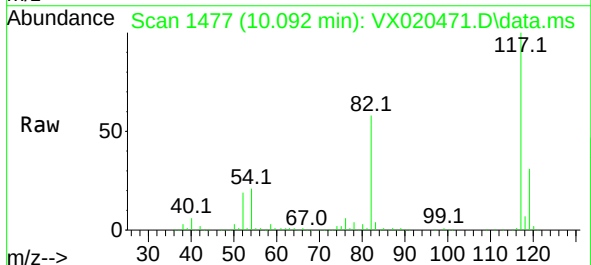
Instrument :
MSVOA_X
ClientSampleId :
VX1231MBL01

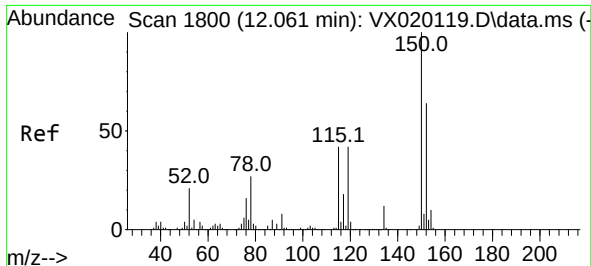
Tgt Ion: 95 Resp: 185788
Ion Ratio Lower Upper
95 100
174 80.3 0.0 154.6
176 75.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020471.D
Acq: 31 Dec 2020 10:16

Tgt Ion: 117 Resp: 407998
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 31.3 26.6 39.8

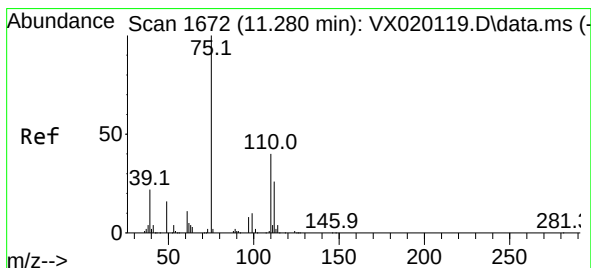
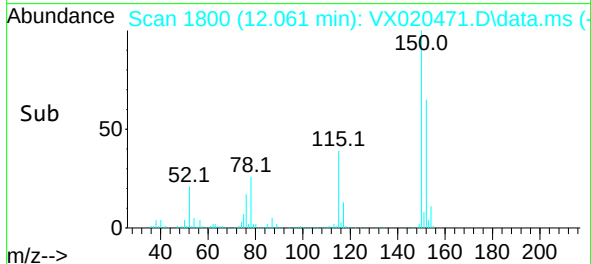
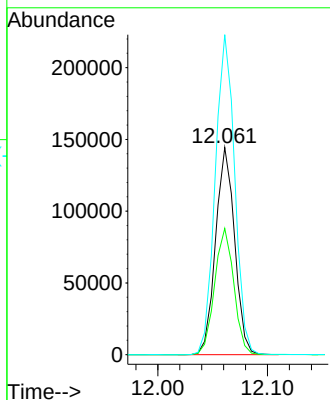
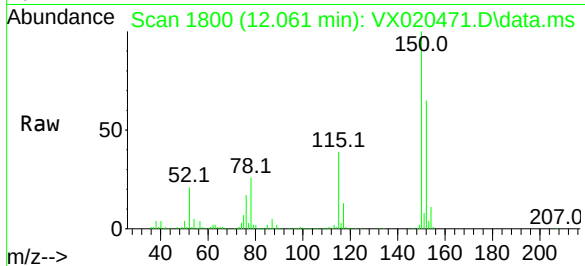




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020471.D
Acq: 31 Dec 2020 10:16

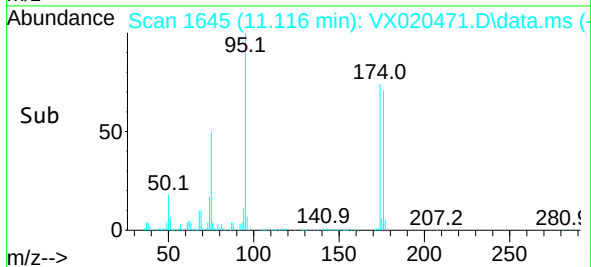
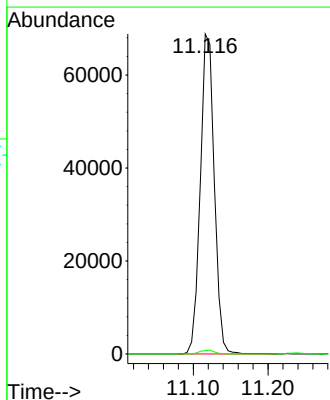
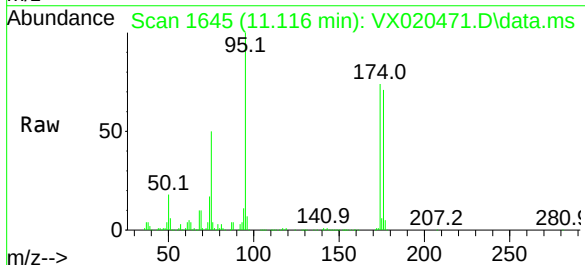
Instrument :
MSVOA_X
ClientSampleId :
VX1231MBL01

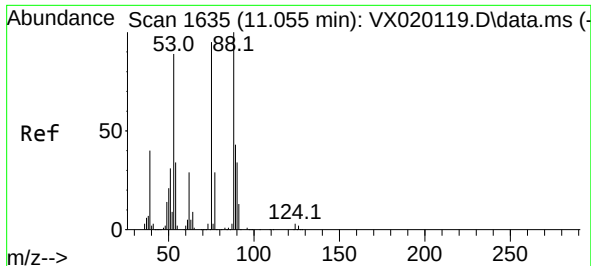
Tgt Ion:152 Resp: 174572
Ion Ratio Lower Upper
152 100
115 61.6 41.1 123.3
150 158.1 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 20.80 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020471.D
Acq: 31 Dec 2020 10:16

Tgt Ion: 75 Resp: 89428
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

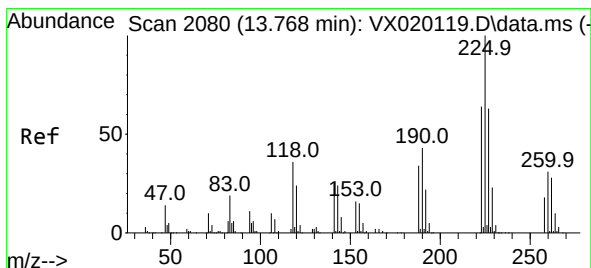
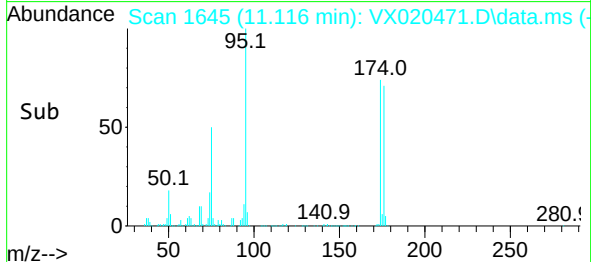
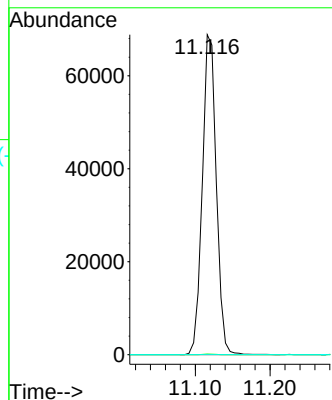
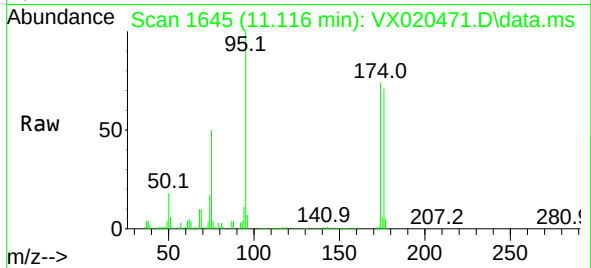




#81
trans-1,4-Dichloro-2-butene
Concen: 61.70 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020471.D
Acq: 31 Dec 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VX1231MBL01

Tgt Ion: 75 Resp: 89428
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 2.84 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. -0.006 min
Lab File: VX020471.D
Acq: 31 Dec 2020 10:16

Tgt Ion: 225 Resp: 332
Ion Ratio Lower Upper
225 100
223 66.3 31.1 93.2
227 67.5 31.6 95.0

