

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122820\
 Data File : VX020420.D
 Acq On : 28 Dec 2020 18:08
 Operator : JC/MD
 Sample : L5227-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OWL-C8-GW

Quant Time: Dec 29 00:42:28 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)

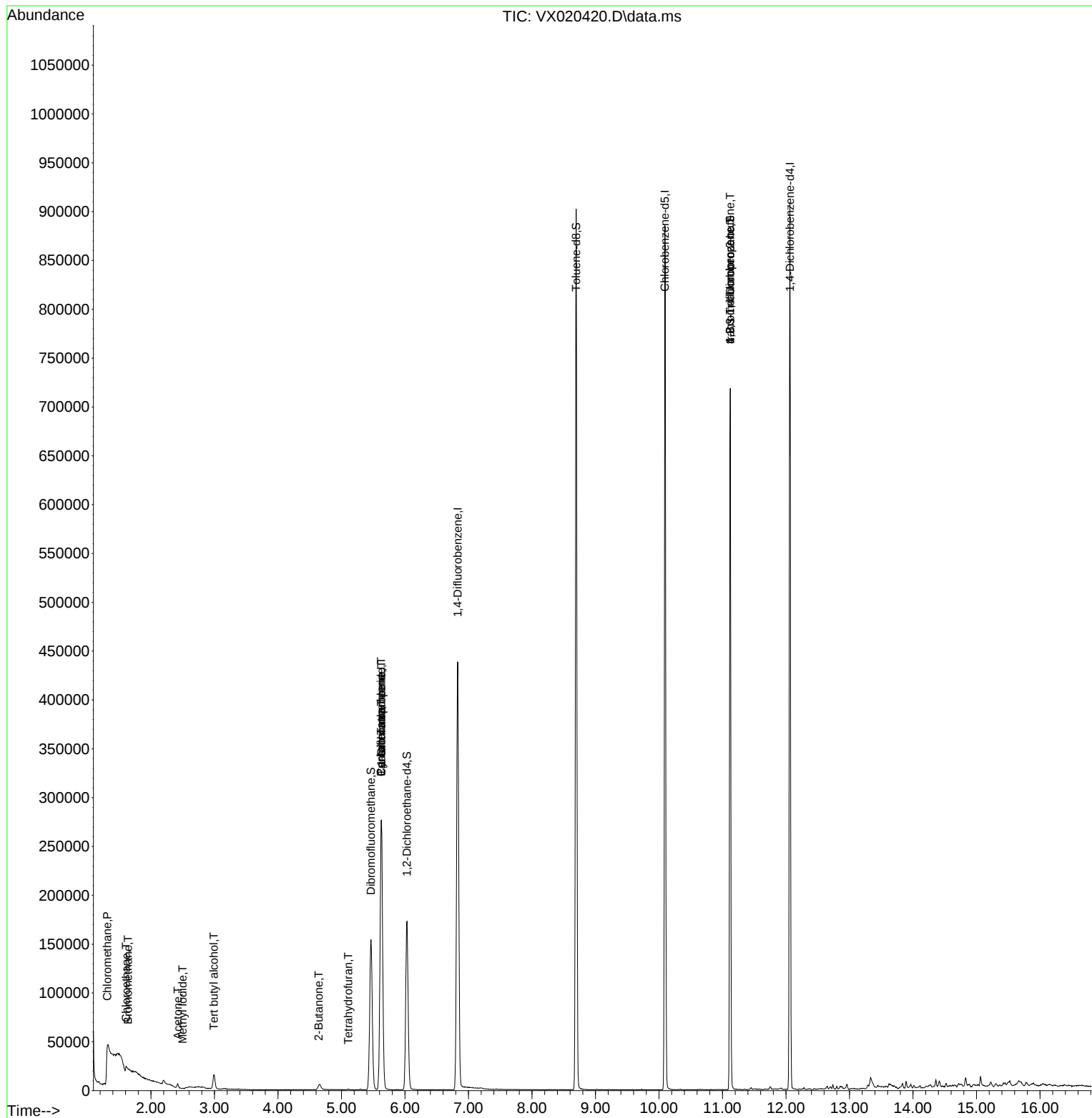
Internal Standards						
1) Pentafluorobenzene	5.623	168	273983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	447379	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	417991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	189733	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	164664	44.84	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	89.68%
35) Dibromofluoromethane	5.465	113	135072	47.20	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.40%
50) Toluene-d8	8.696	98	543480	49.33	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.66%
62) 4-Bromofluorobenzene	11.122	95	202795	48.10	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.20%
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	3025	0.88	ug/l #	67
5) Bromomethane	1.636	94	454	0.38	ug/l #	53
6) Chloroethane	1.605	64	17642	7.54	ug/l #	54
10) Methyl Iodide	2.496	142	114	3.31	ug/l #	42
11) Tert butyl alcohol	2.989	59	8664	10.54	ug/l #	78
16) Acetone	2.422	43	4667	2.79	ug/l	97
25) 2-Butanone	4.642	43	983	0.40	ug/l #	45
29) Tetrahydrofuran	5.105	42	466	0.30	ug/l #	61
31) Cyclohexane	5.623	56	4937	0.97	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	20215	4.57	ug/l #	48
38) Carbon Tetrachloride	5.623	117	26306	6.26	ug/l #	16
76) 1,2,3-Trichloropropane	11.122	75	94700	20.26	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	94700	60.11	ug/l #	12

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

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ClientSampleId :
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Quant Time: Dec 29 00:42:28 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

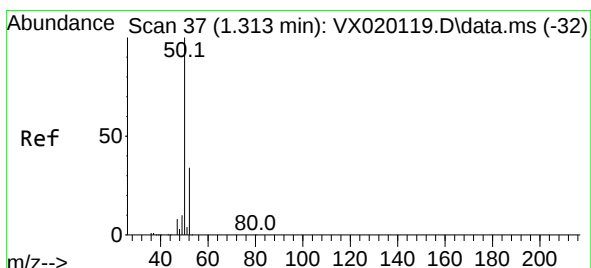
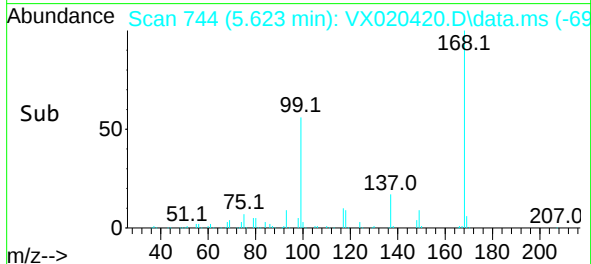
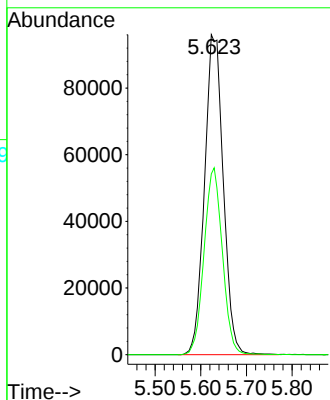
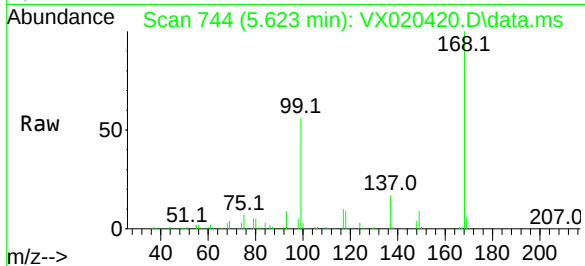




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.006 min
Lab File: VX020420.D
Acq: 28 Dec 2020 18:08

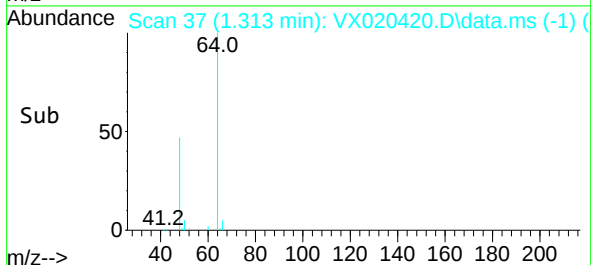
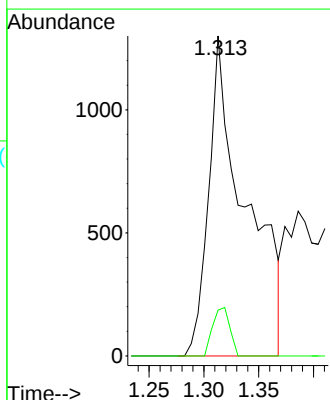
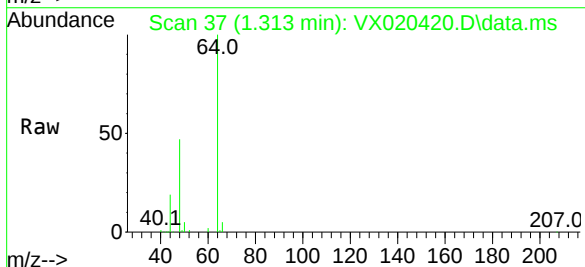
Instrument :
MSVOA_X
ClientSampleId :
OWL-C8-GW

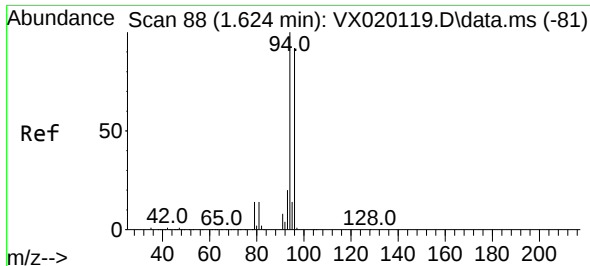
Tgt Ion:168 Resp: 273983
Ion Ratio Lower Upper
168 100
99 56.5 45.8 68.6



#3
Chloromethane
Concen: 0.88 ug/l
RT: 1.313 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX020420.D
Acq: 28 Dec 2020 18:08

Tgt Ion: 50 Resp: 3025
Ion Ratio Lower Upper
50 100
52 14.3 26.4 39.6#

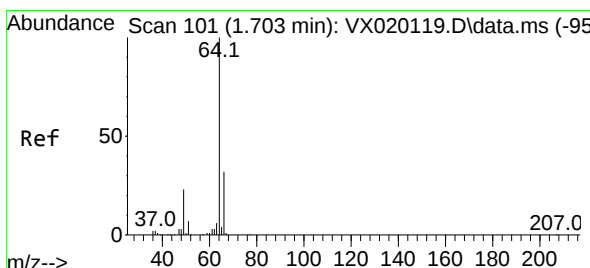
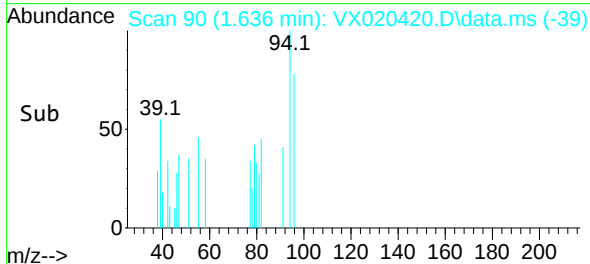
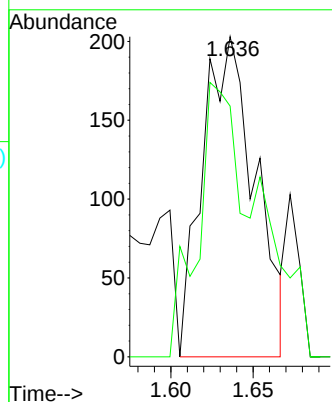
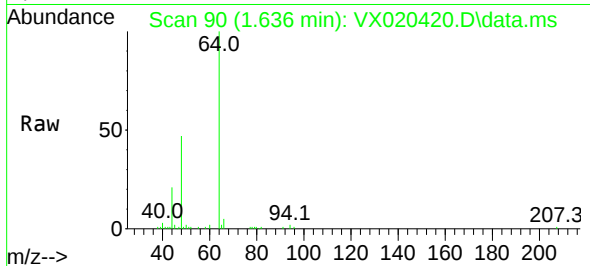




#5
Bromomethane
Concen: 0.38 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020420.D
Acq: 28 Dec 2020 18:08

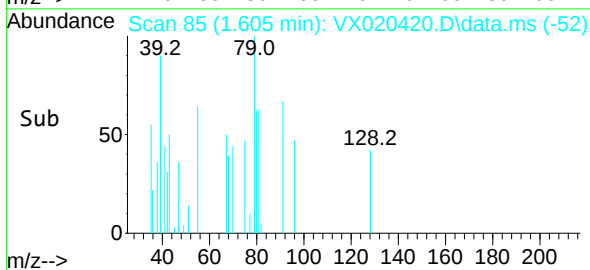
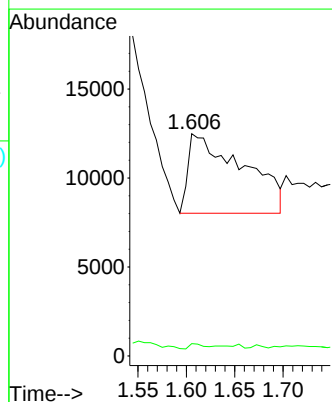
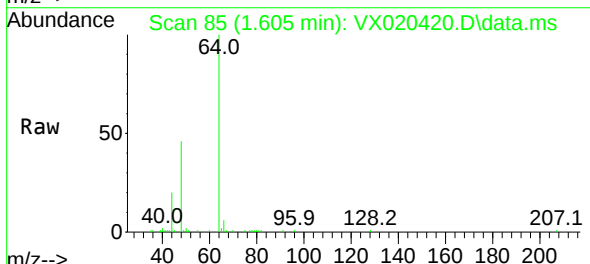
Instrument :
MSVOA_X
ClientSampled :
OWL-C8-GW

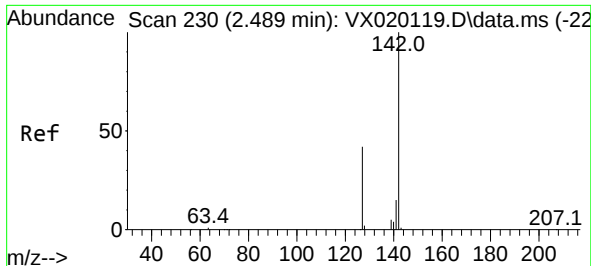
Tgt Ion: 94 Resp: 454
Ion Ratio Lower Upper
94 100
96 49.8 76.4 114.6#



#6
Chloroethane
Concen: 7.54 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.098 min
Lab File: VX020420.D
Acq: 28 Dec 2020 18:08

Tgt Ion: 64 Resp: 17642
Ion Ratio Lower Upper
64 100
66 6.2 25.4 38.0#

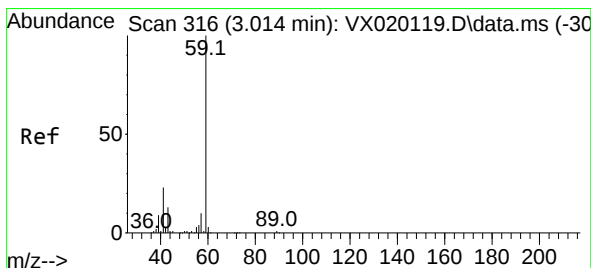
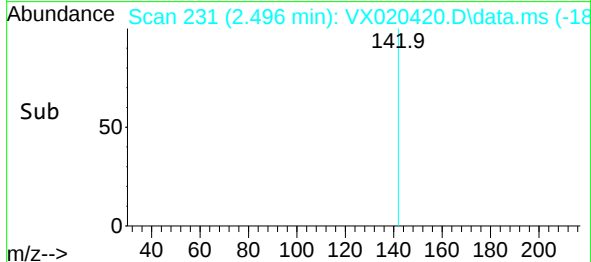
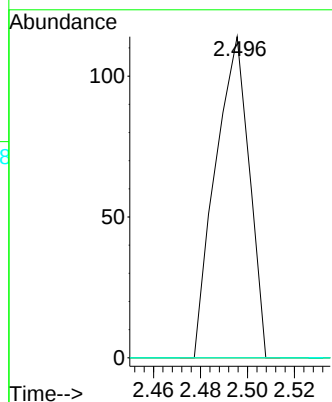
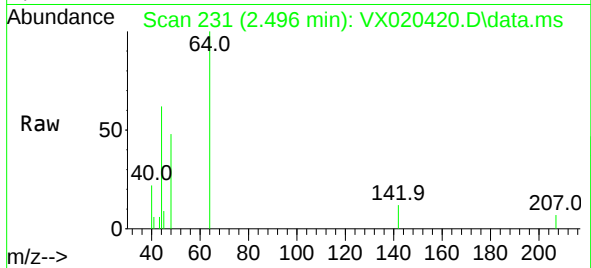




#10
Methyl Iodide
Concen: 3.31 ug/l
RT: 2.496 min Scan# 231
Delta R.T. 0.007 min
Lab File: VX020420.D
Acq: 28 Dec 2020 18:08

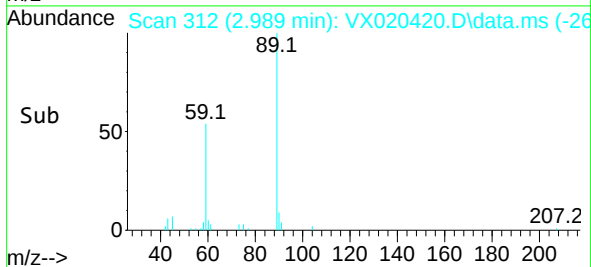
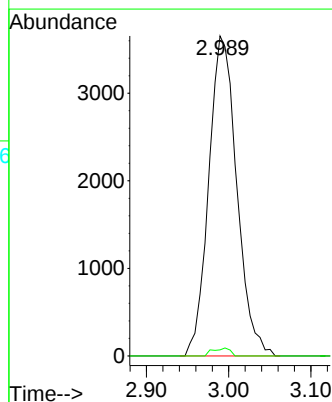
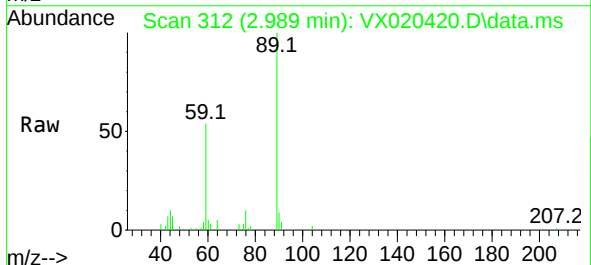
Instrument :
MSVOA_X
ClientSampleId :
OWL-C8-GW

Tgt Ion:142 Resp: 114
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 10.54 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020420.D
Acq: 28 Dec 2020 18:08

Tgt Ion: 59 Resp: 8664
Ion Ratio Lower Upper
59 100
57 1.5 7.8 11.8#

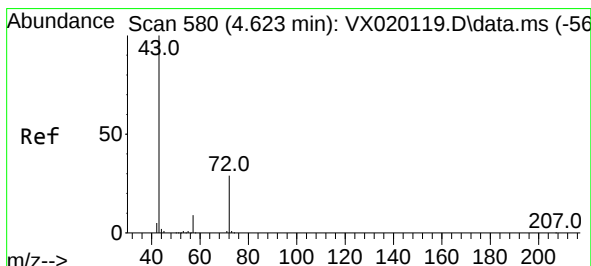
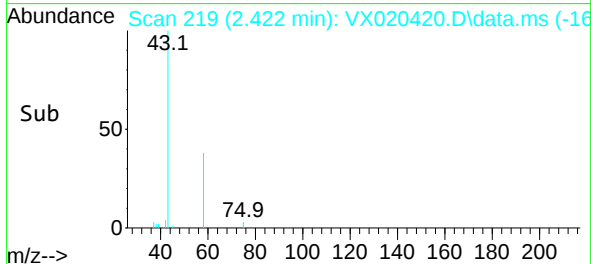
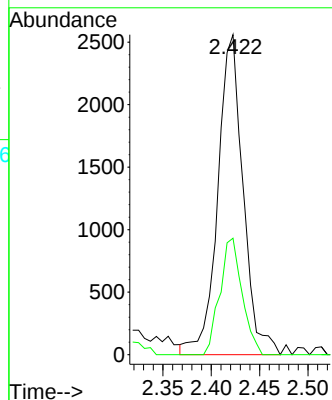
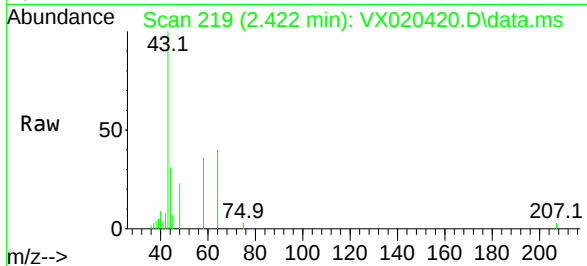




#16
Acetone
Concen: 2.79 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020420.D
Acq: 28 Dec 2020 18:08

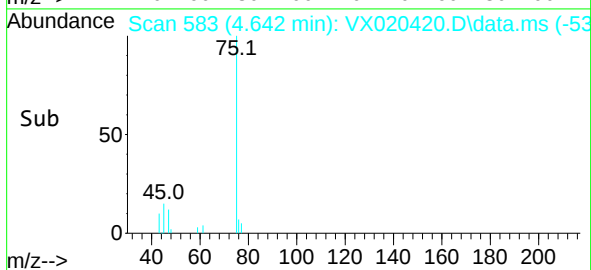
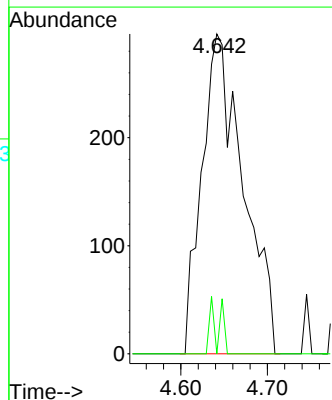
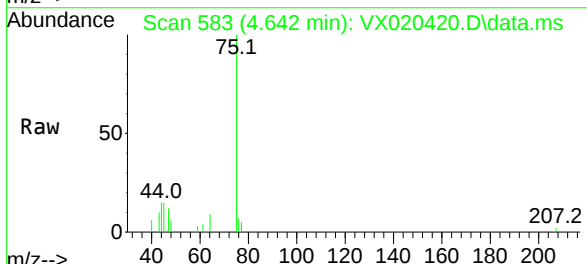
Instrument :
MSVOA_X
ClientSampleId :
OWL-C8-GW

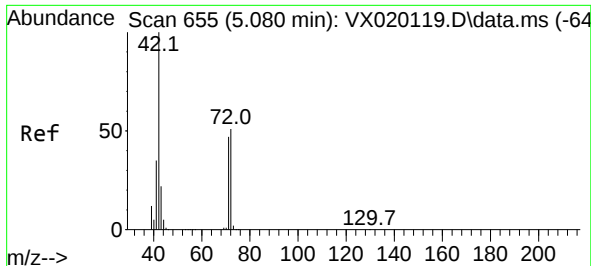
Tgt Ion: 43 Resp: 4667
Ion Ratio Lower Upper
43 100
58 36.4 27.8 41.8



#25
2-Butanone
Concen: 0.40 ug/l
RT: 4.642 min Scan# 583
Delta R.T. 0.019 min
Lab File: VX020420.D
Acq: 28 Dec 2020 18:08

Tgt Ion: 43 Resp: 983
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.30 ug/l

RT: 5.105 min Scan# 659

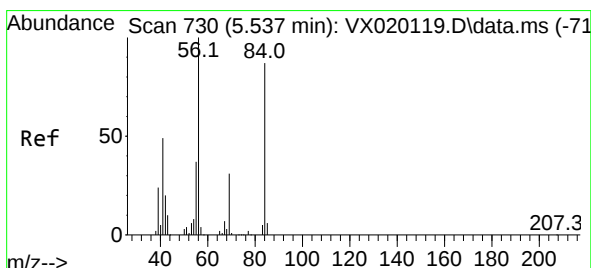
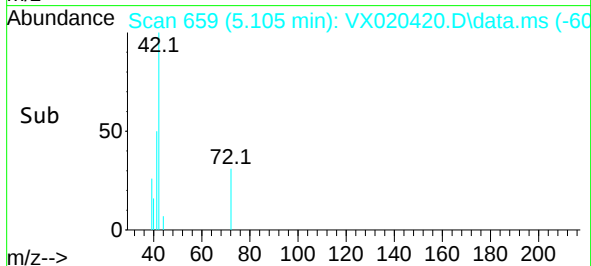
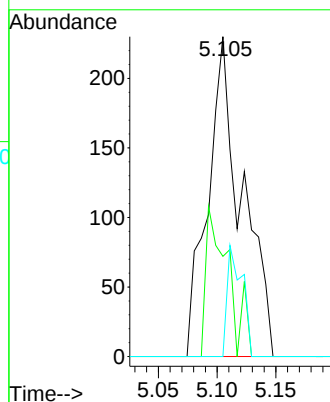
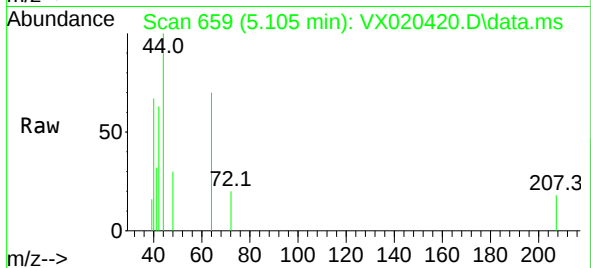
Delta R.T. 0.025 min

Lab File: VX020420.D

Acq: 28 Dec 2020 18:08

Tgt Ion:	42	Resp:	466
Ion	Ratio	Lower	Upper
42	100		
72	30.7	41.7	62.5#
71	15.2	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :
OWL-C8-GW



#31

Cyclohexane

Concen: 0.97 ug/l

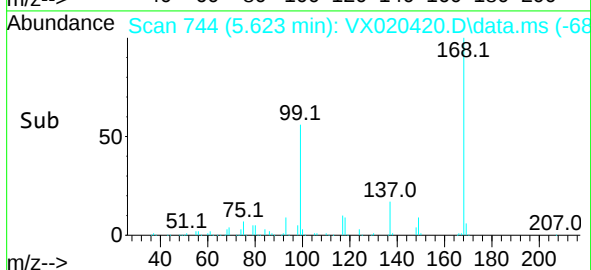
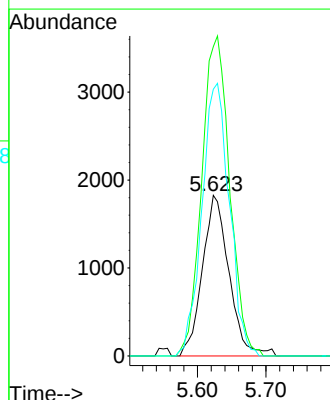
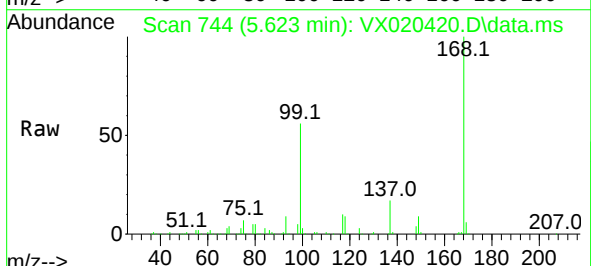
RT: 5.623 min Scan# 744

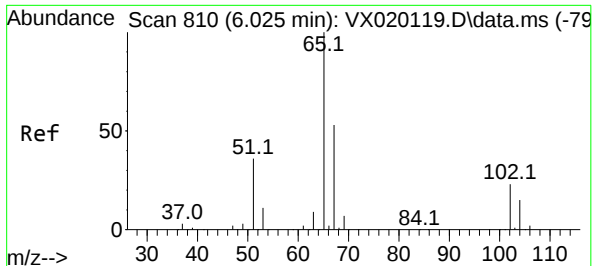
Delta R.T. 0.086 min

Lab File: VX020420.D

Acq: 28 Dec 2020 18:08

Tgt Ion:	56	Resp:	4937
Ion	Ratio	Lower	Upper
56	100		
69	192.6	25.3	37.9#
84	166.1	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 44.84 ug/l

RT: 6.032 min Scan# 811

Delta R.T. 0.007 min

Lab File: VX020420.D

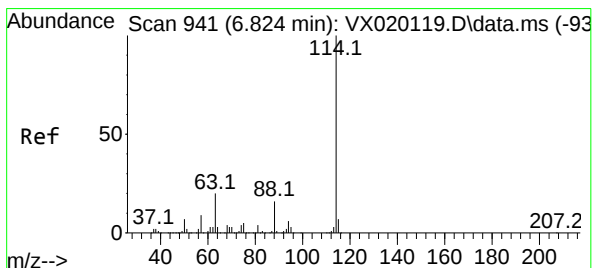
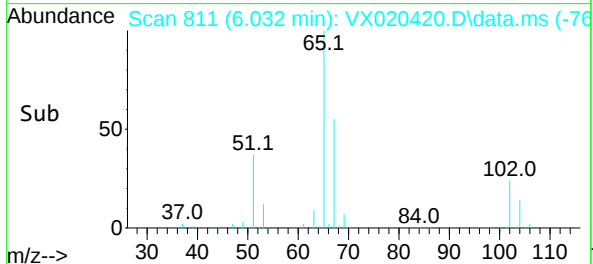
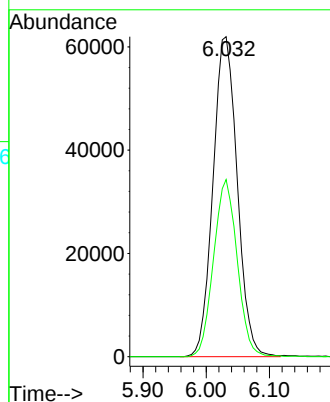
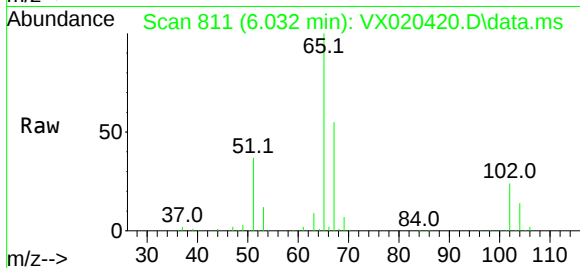
Acq: 28 Dec 2020 18:08

Tgt Ion: 65 Resp: 164664

Ion Ratio Lower Upper

65 100

67 54.0 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: VX020420.D

Acq: 28 Dec 2020 18:08

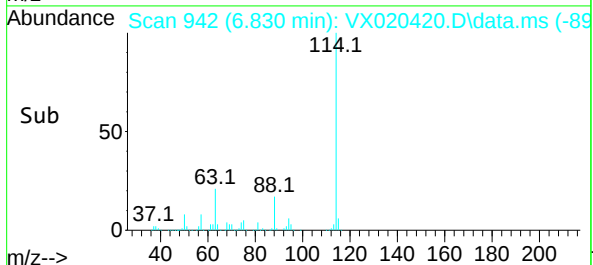
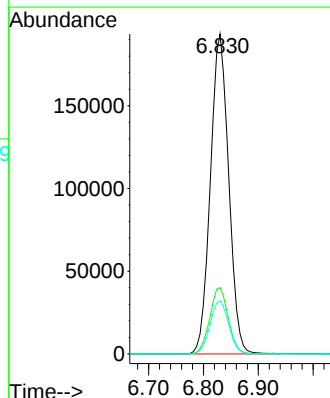
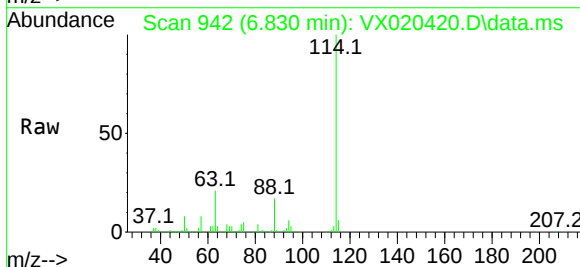
Tgt Ion: 114 Resp: 447379

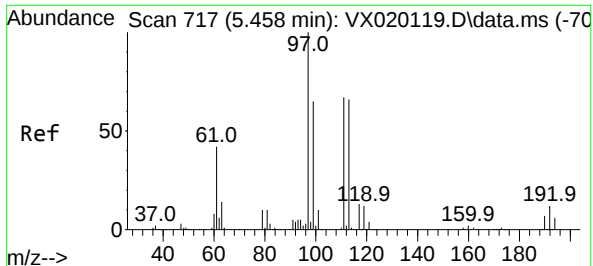
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

88 16.7 0.0 32.8

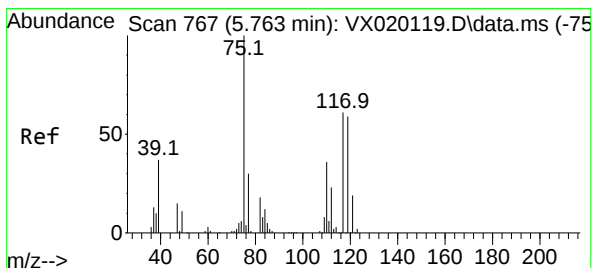
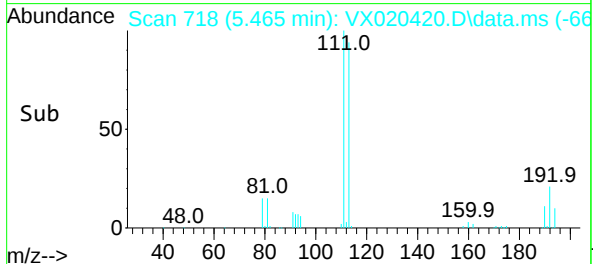
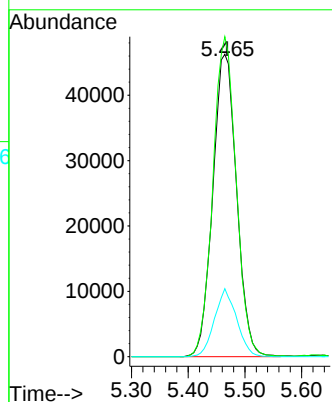
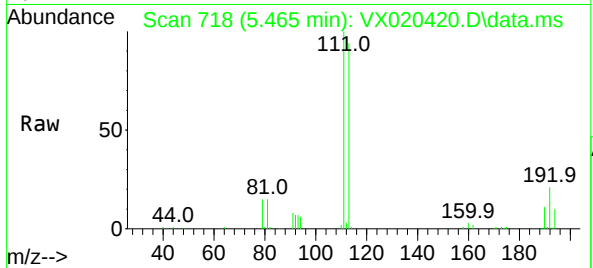




#35
Dibromofluoromethane
Concen: 47.20 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020420.D
Acq: 28 Dec 2020 18:08

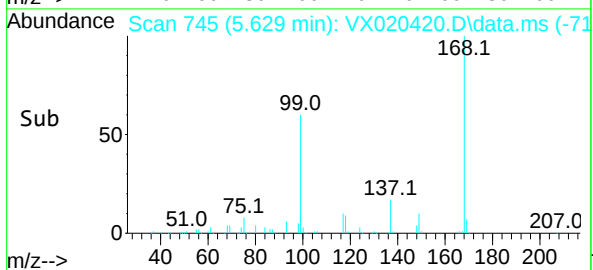
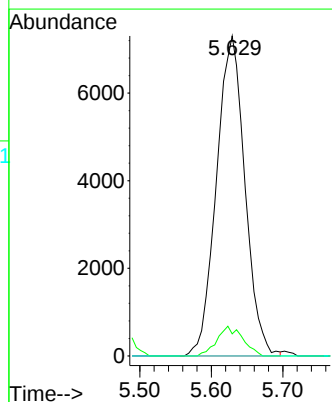
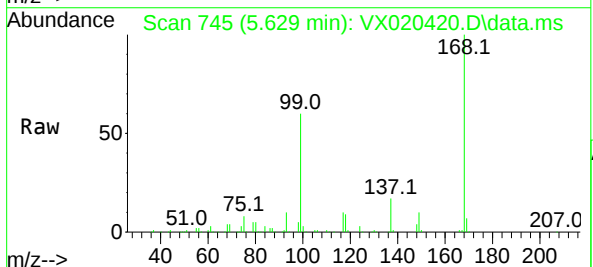
Instrument :
MSVOA_X
ClientSampleId :
OWL-C8-GW

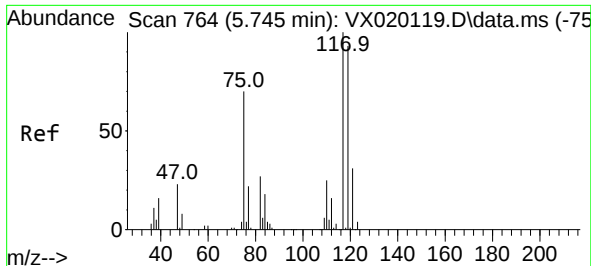
Tgt Ion:113 Resp: 135072
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 20.9 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.57 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020420.D
Acq: 28 Dec 2020 18:08

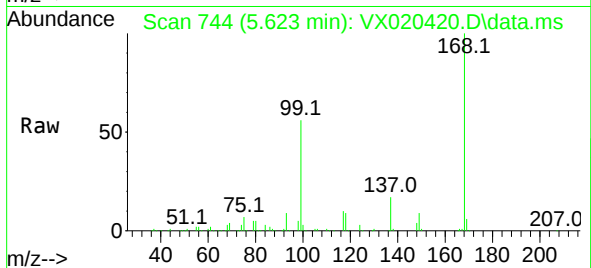
Tgt Ion: 75 Resp: 20215
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#



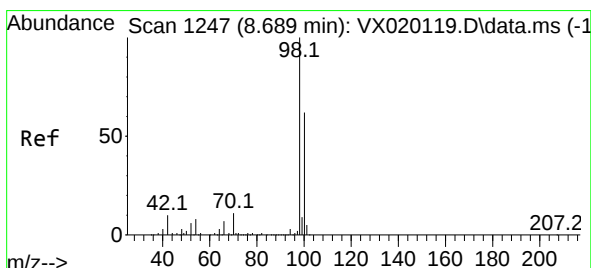
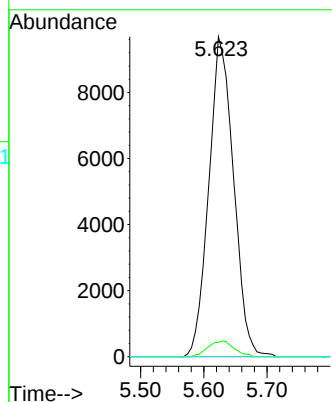
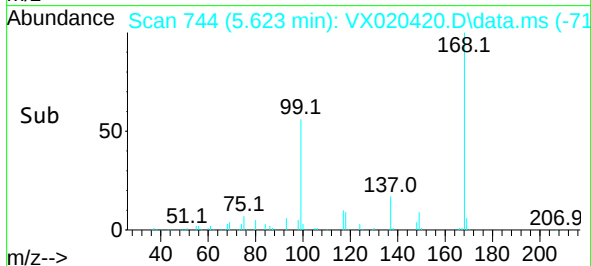


#38
Carbon Tetrachloride
Concen: 6.26 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020420.D
Acq: 28 Dec 2020 18:08

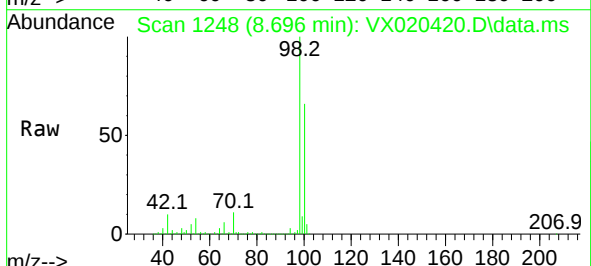
Instrument :
MSVOA_X
ClientSampleId :
OWL-C8-GW



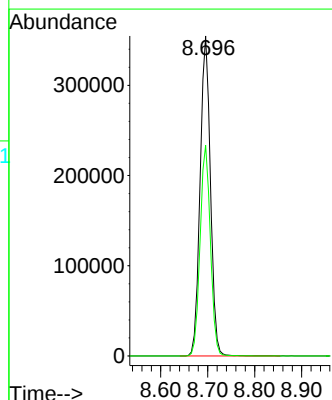
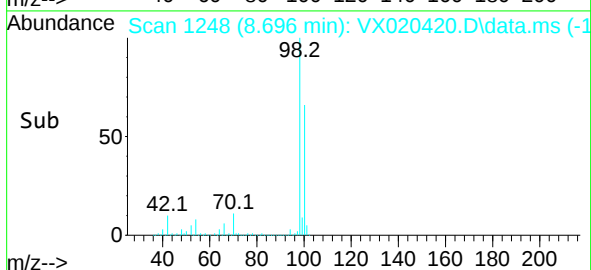
Tgt Ion:117 Resp: 26306
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.2#
121 0.0 24.8 37.2#

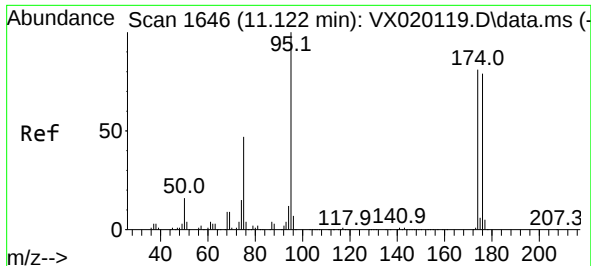


#50
Toluene-d8
Concen: 49.33 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020420.D
Acq: 28 Dec 2020 18:08



Tgt Ion: 98 Resp: 543480
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9

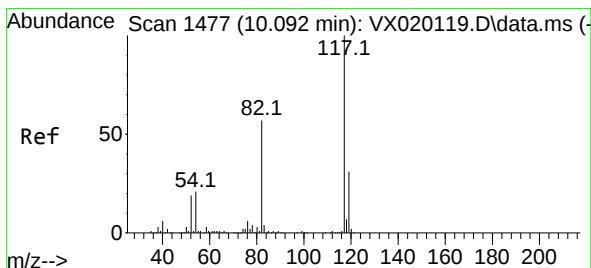
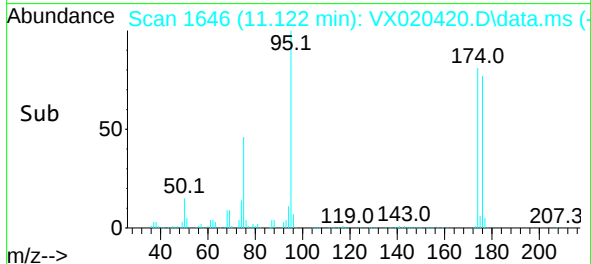
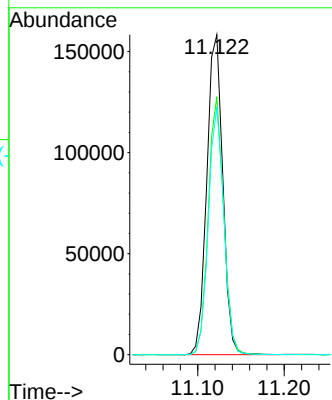
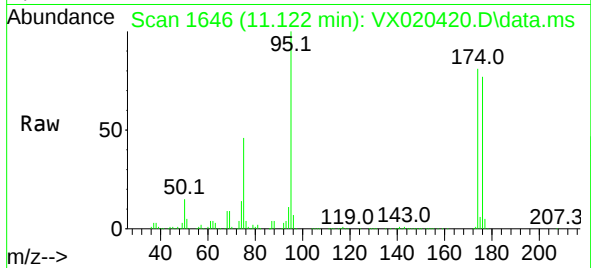




#62
4-Bromofluorobenzene
Concen: 48.10 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020420.D
Acq: 28 Dec 2020 18:08

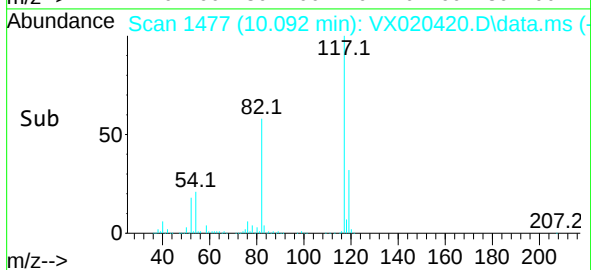
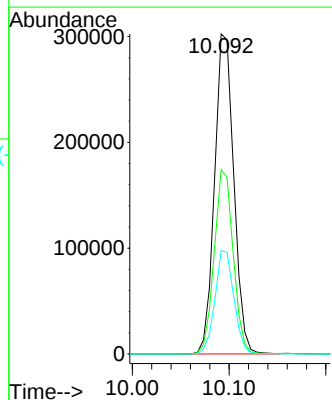
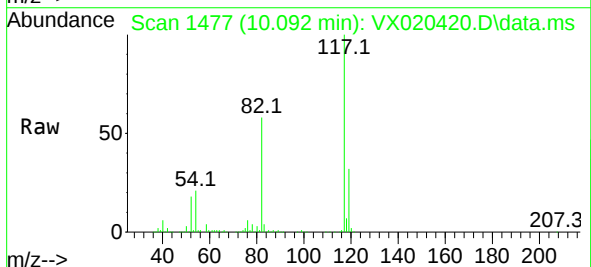
Instrument :
MSVOA_X
ClientSampleId :
OWL-C8-GW

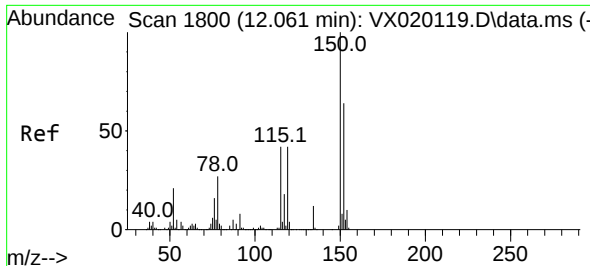
Tgt Ion: 95 Resp: 202795
Ion Ratio Lower Upper
95 100
174 78.0 0.0 154.6
176 74.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020420.D
Acq: 28 Dec 2020 18:08

Tgt Ion: 117 Resp: 417991
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 32.3 26.6 39.8

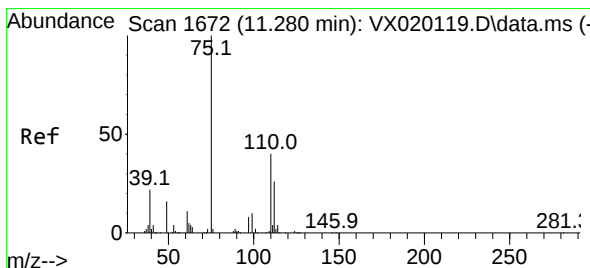
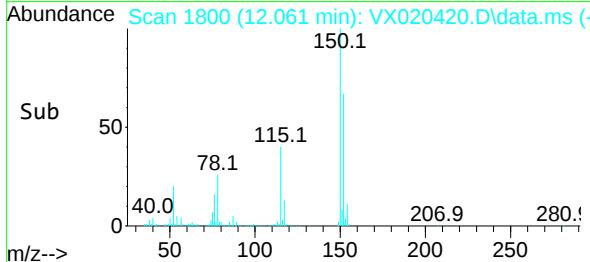
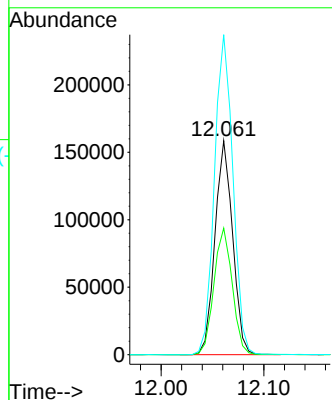
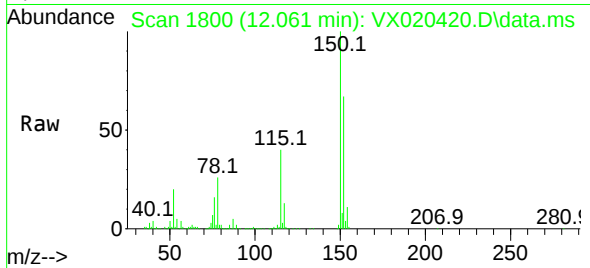




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020420.D
Acq: 28 Dec 2020 18:08

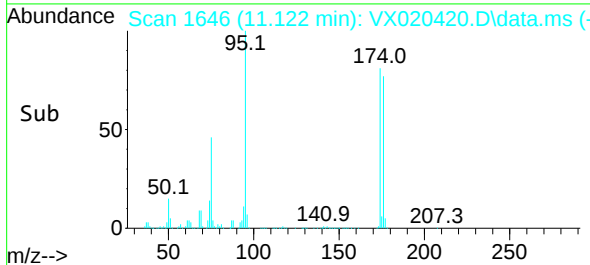
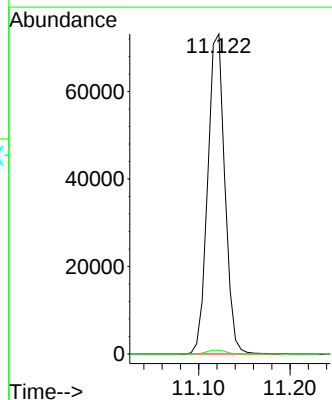
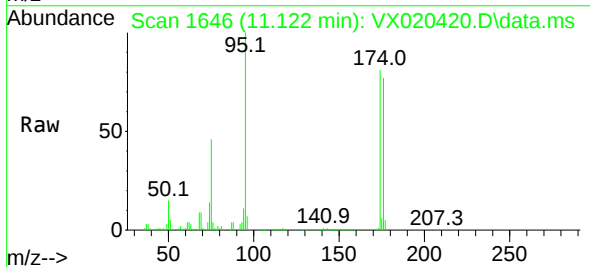
Instrument :
MSVOA_X
ClientSampleId :
OWL-C8-GW

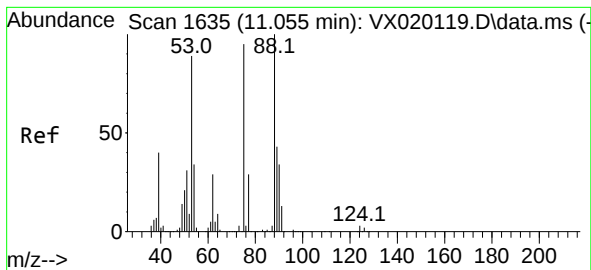
Tgt Ion:152 Resp: 189733
Ion Ratio Lower Upper
152 100
115 61.2 41.1 123.3
150 156.2 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 20.26 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020420.D
Acq: 28 Dec 2020 18:08

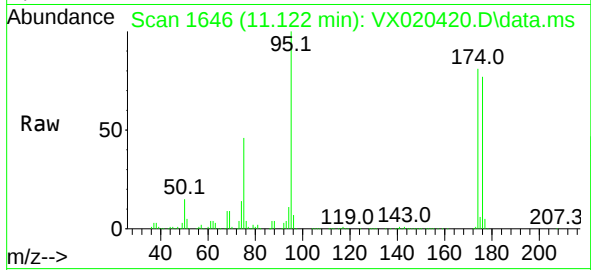
Tgt Ion: 75 Resp: 94700
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.11 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020420.D
 Acq: 28 Dec 2020 18:08

Instrument :
 MSVOA_X
 ClientSampleId :
 OWL-C8-GW



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

