

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073019\
 Data File : VX011211.D
 Acq On : 30 Jul 2019 21:34
 Operator : JC/SP
 Sample : K4048-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OWL-C4-GW

Quant Time: Jul 31 09:24:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	225338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	316413	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	276915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133049	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	110019	45.89	ug/l	0.00
Spiked Amount			Recovery	=	91.78%	
35) Dibromofluoromethane	5.50	113	95212	47.41	ug/l	0.00
Spiked Amount			Recovery	=	94.82%	
50) Toluene-d8	8.71	98	362903	48.18	ug/l	0.00
Spiked Amount			Recovery	=	96.36%	
62) 4-Bromofluorobenzene	11.13	95	123010	44.43	ug/l	0.00
Spiked Amount			Recovery	=	88.86%	

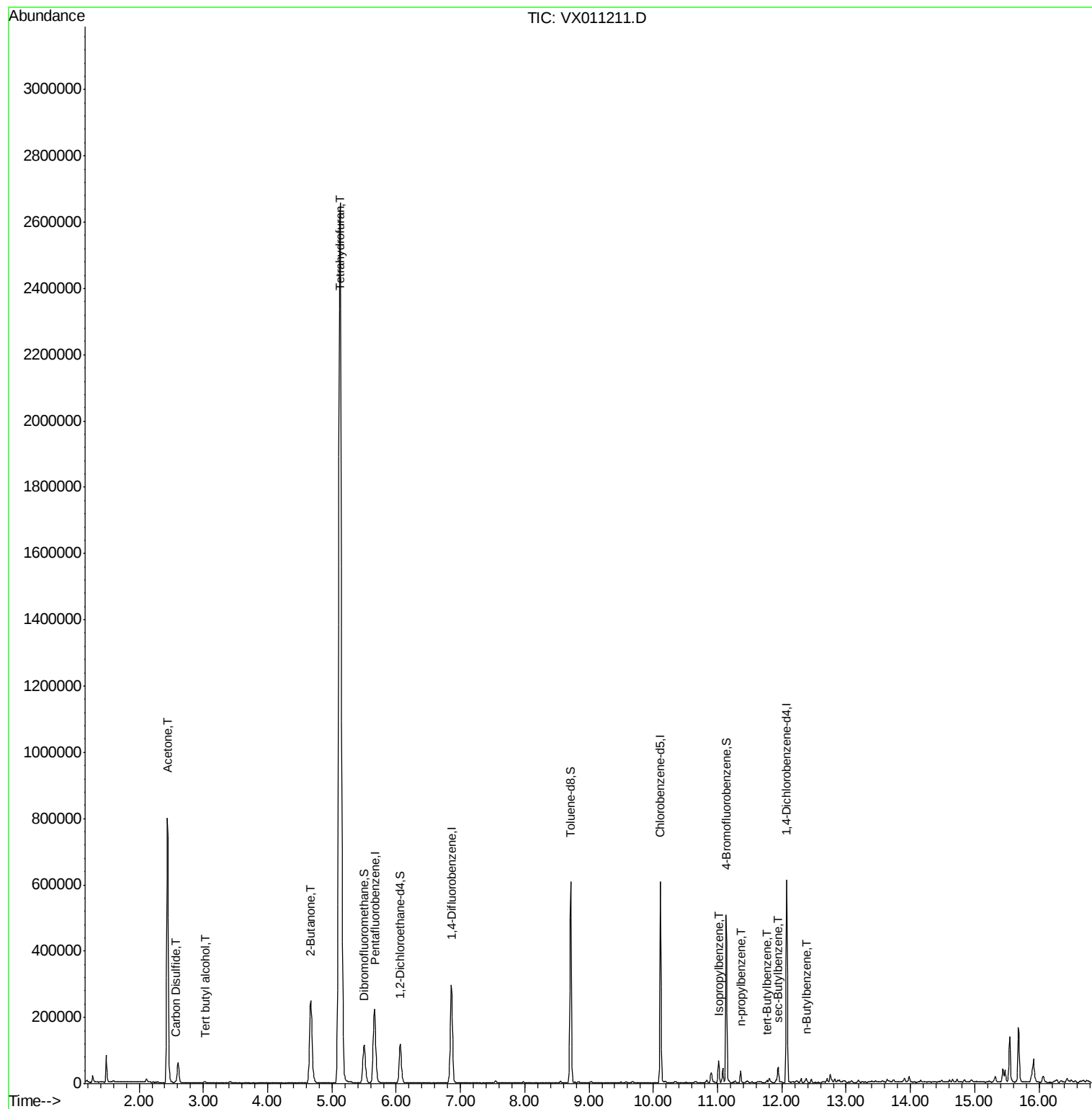
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.03	59	3105	5.562	ug/l	98
16) Acetone	2.44	43	835077	771.280	ug/l	96
17) Carbon Disulfide	2.57	76	7671	1.490	ug/l	97
25) 2-Butanone	4.67	43	428509	275.706	ug/l	98
29) Tetrahydrofuran	5.13	42	2408387	2446.286	ug/l	97
73) Isopropylbenzene	11.02	105	33500	3.726	ug/l	100
78) n-propylbenzene	11.36	91	21020	2.116	ug/l	100
83) tert-Butylbenzene	11.77	119	3143	0.426	ug/l	77
85) sec-Butylbenzene	11.94	105	24844	2.873	ug/l	94
89) n-Butylbenzene	12.38	91	5031	0.736	ug/l	93

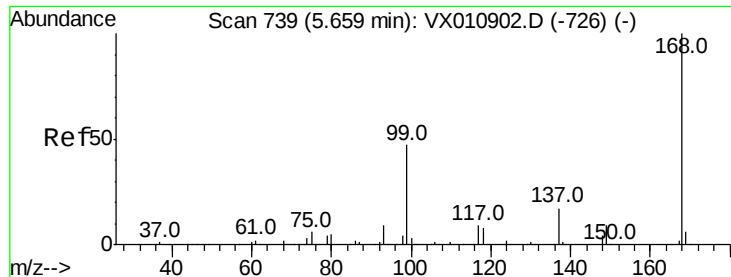
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011211.D

Acq: 30 Jul 2019 21:34

Instrument :

MSVOA_X

ClientSampleId :

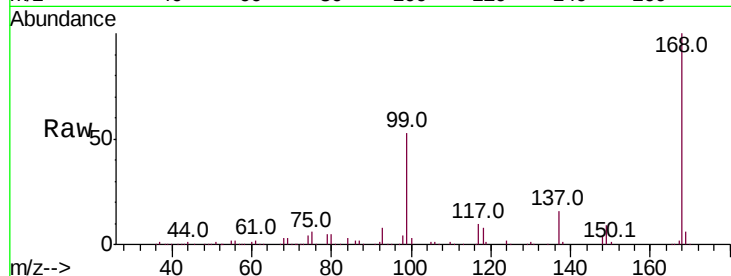
OWL-C4-GW

Tot Ion:168 Resp: 225338

Ion Ratio Lower Upper

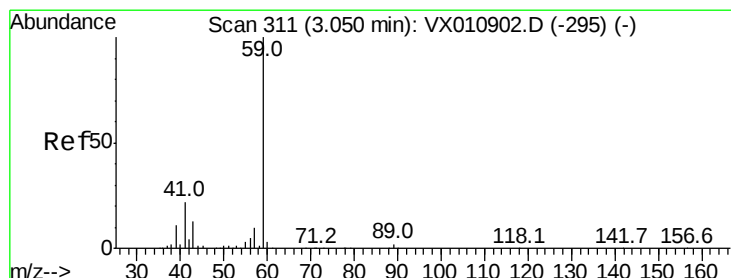
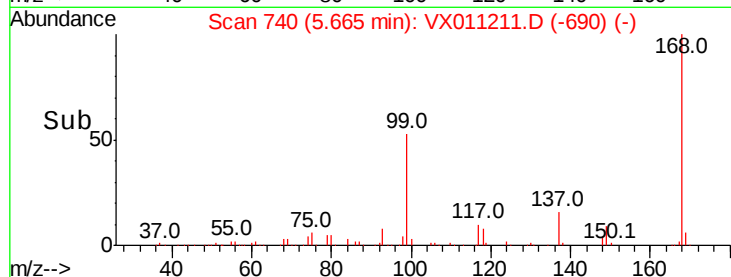
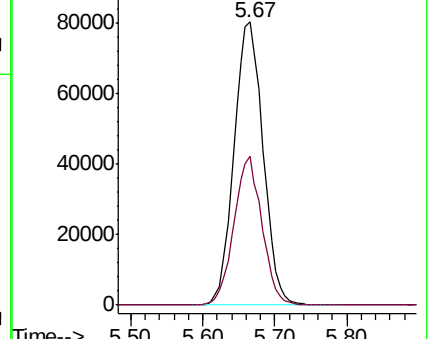
168 100

99 52.7 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 5.562 ug/l

RT: 3.03 min Scan# 308

Delta R.T. -0.02 min

Lab File: VX011211.D

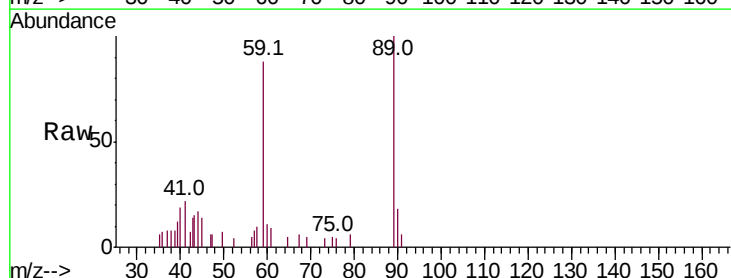
Acq: 30 Jul 2019 21:34

Tgt Ion: 59 Resp: 3105

Ion Ratio Lower Upper

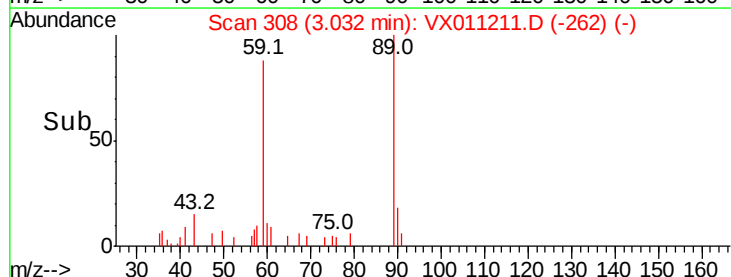
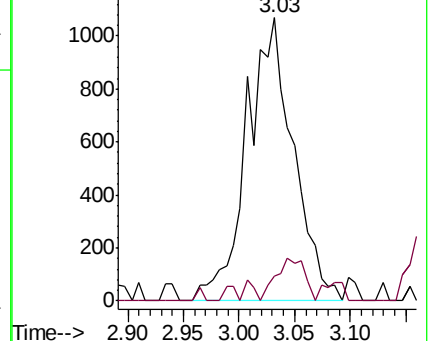
59 100

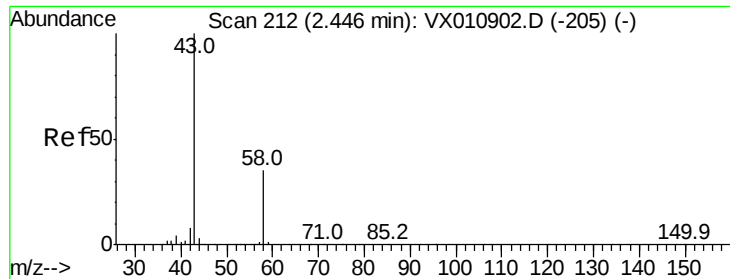
57 9.3 7.9 11.9



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 771.280 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011211.D

Acq: 30 Jul 2019 21:34

Instrument :

MSVOA_X

ClientSampleId :

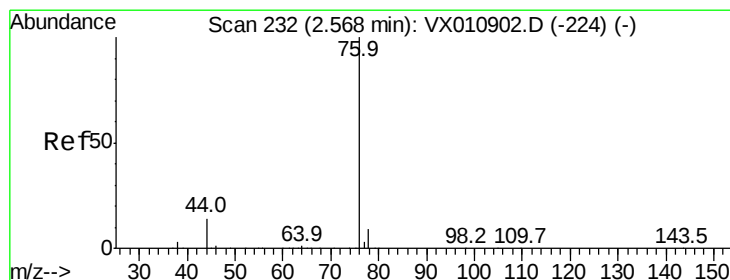
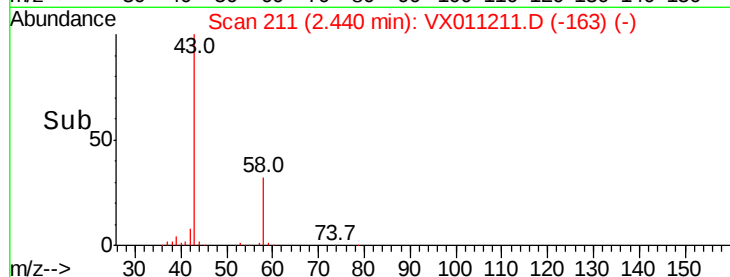
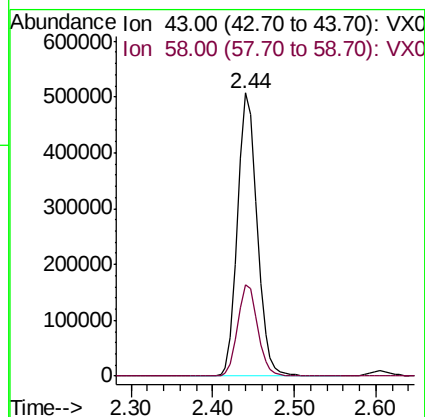
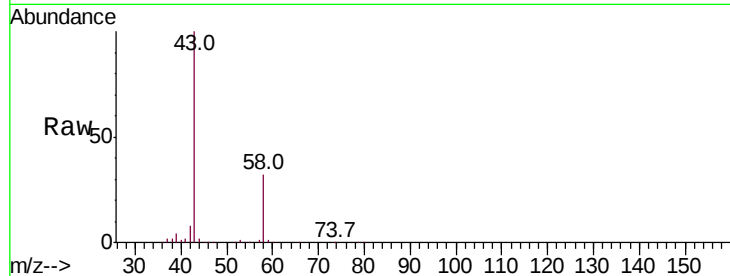
OWL-C4-GW

Tot Ion: 43 Resp: 835077

Ion Ratio Lower Upper

43 100

58 32.4 27.7 41.5



#17

Carbon Disulfide

Concen: 1.490 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX011211.D

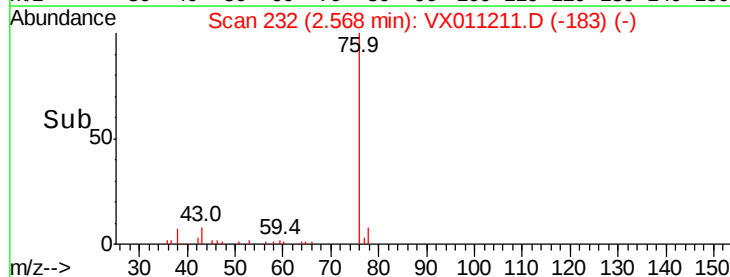
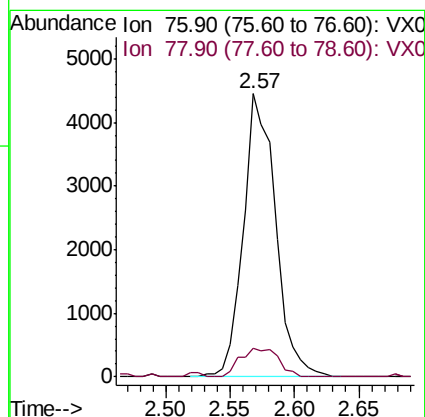
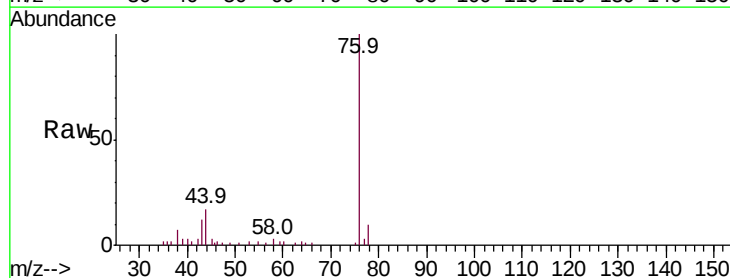
Acq: 30 Jul 2019 21:34

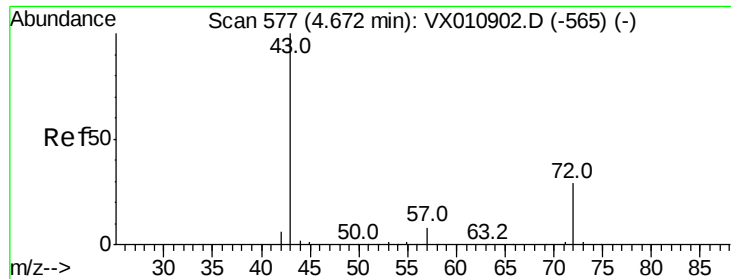
Tgt Ion: 76 Resp: 7671

Ion Ratio Lower Upper

76 100

78 10.2 7.4 11.0





#25

2-Butanone

Concen: 275.706 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX011211.D

Acq: 30 Jul 2019 21:34

Instrument :

MSVOA_X

ClientSampleId :

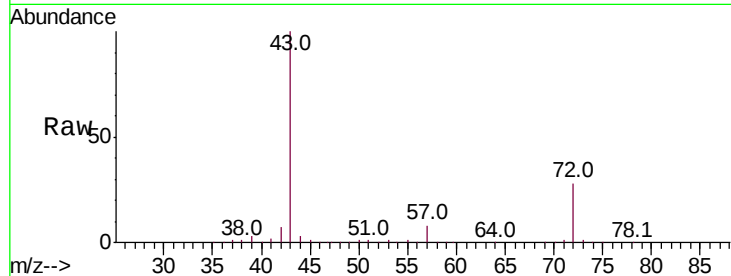
OWL-C4-GW

Tot Ion: 43 Resp: 428509

Ion Ratio Lower Upper

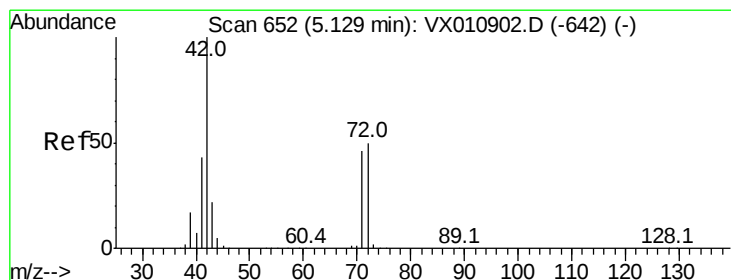
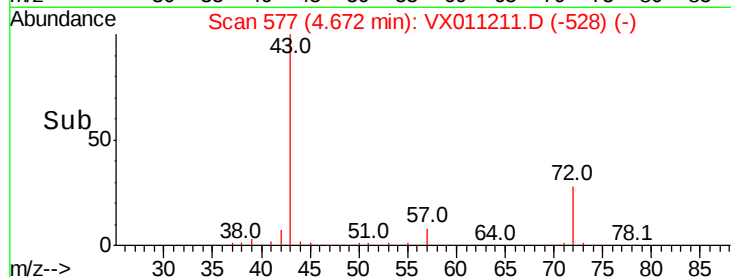
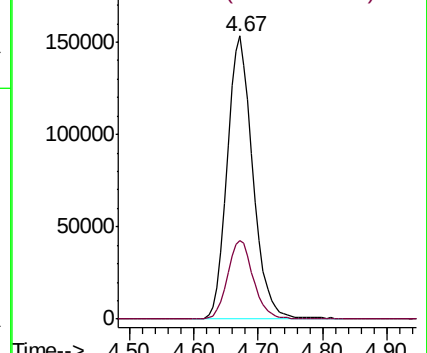
43 100

72 27.9 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#29

Tetrahydrofuran

Concen: 2446.286 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX011211.D

Acq: 30 Jul 2019 21:34

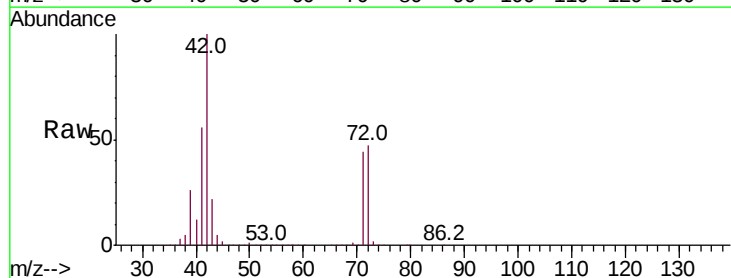
Tgt Ion: 42 Resp: 2408387

Ion Ratio Lower Upper

42 100

72 47.6 39.8 59.8

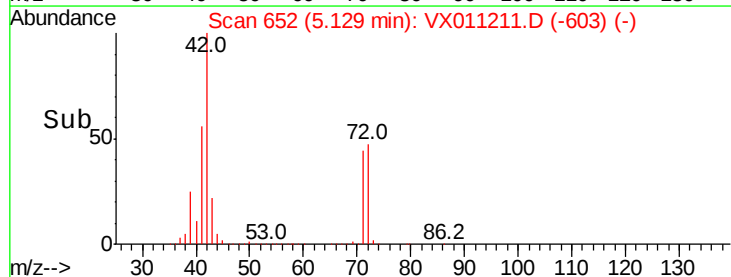
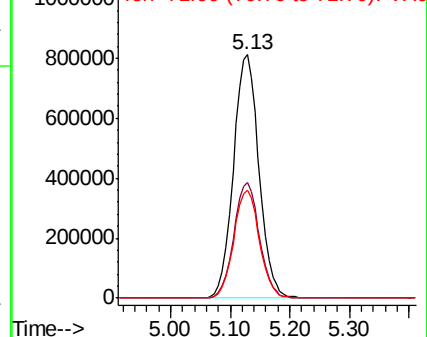
71 44.7 37.0 55.4

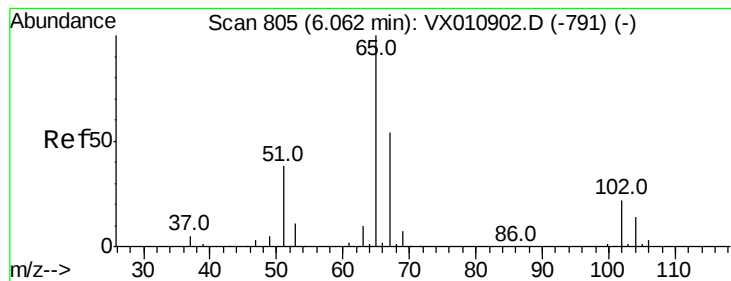


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.894 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011211.D

Acq: 30 Jul 2019 21:34

Instrument :

MSVOA_X

ClientSampleId :

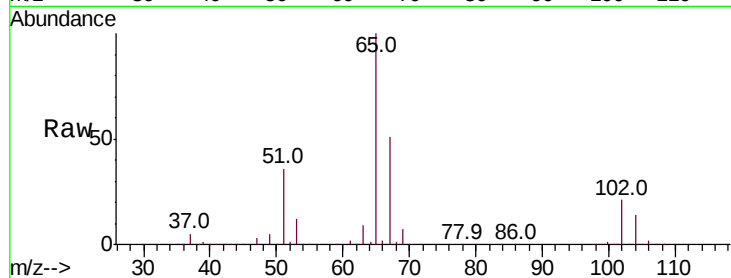
OWL-C4-GW

Tot Ion: 65 Resp: 110019

Ion Ratio Lower Upper

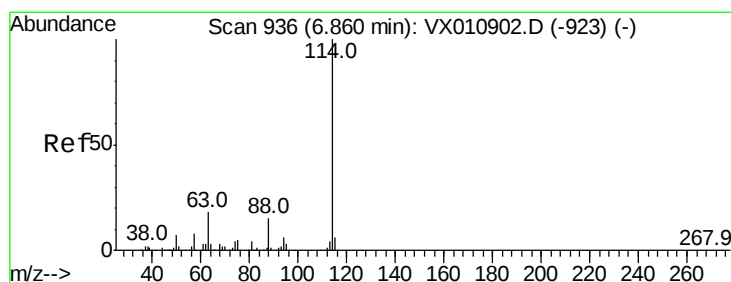
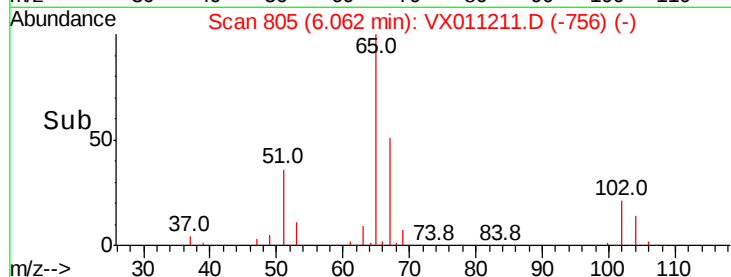
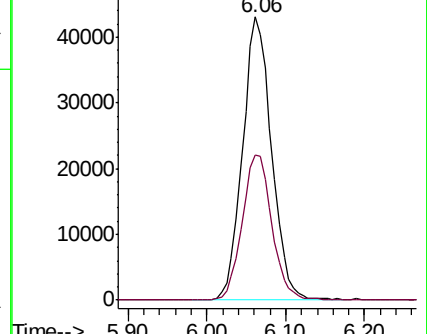
65 100

67 52.5 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011211.D

Acq: 30 Jul 2019 21:34

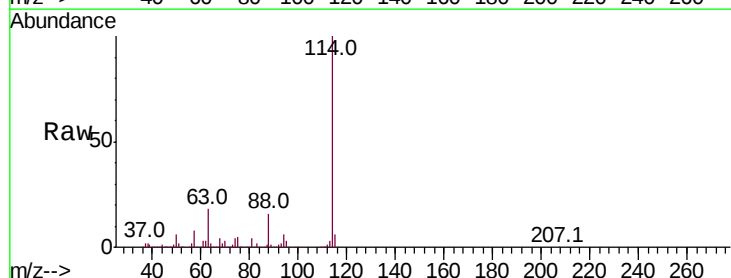
Tgt Ion:114 Resp: 316413

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.6

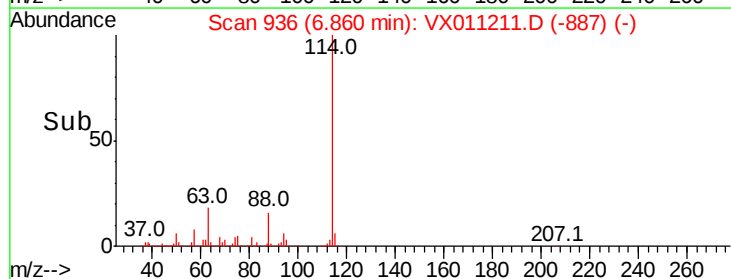
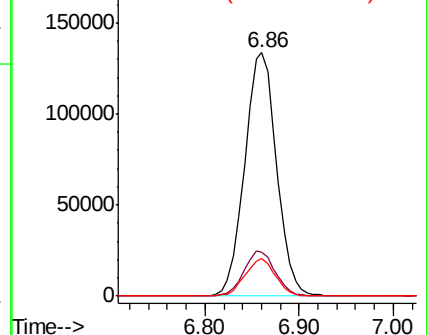
88 15.6 0.0 29.8

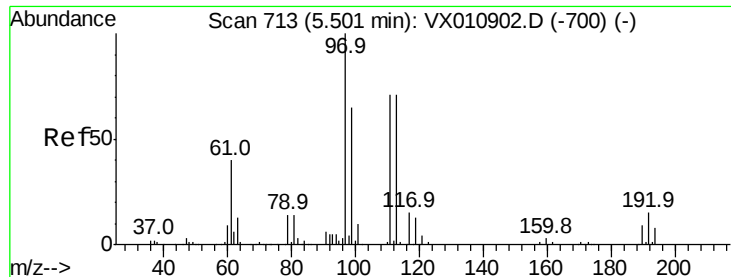


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

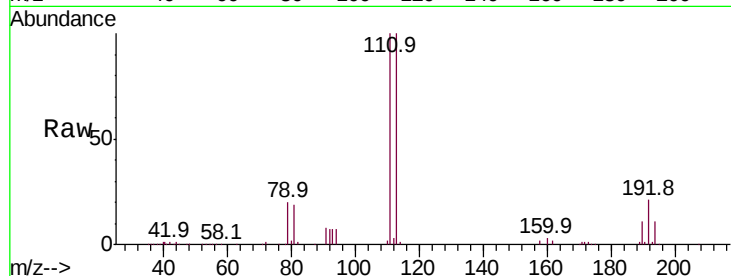




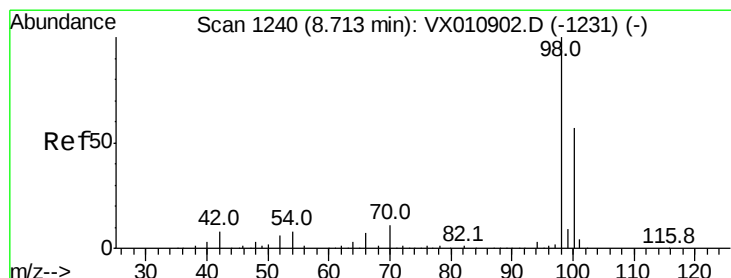
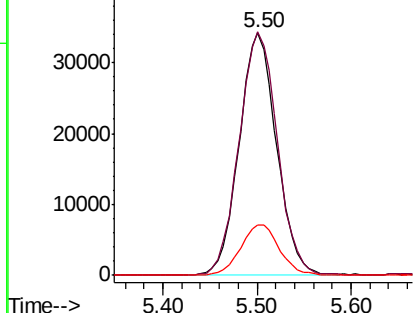
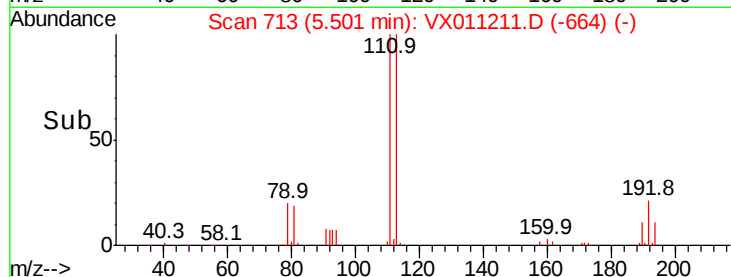
#35
 Dibromofluoromethane
 Concen: 47.408 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX011211.D
 Acq: 30 Jul 2019 21:34

Instrument :
 MSVOA_X
 ClientSampleId :
 OWL-C4-GW

Tot Ion:113 Resp: 95212
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.3 123.5
 192 21.7 17.4 26.2

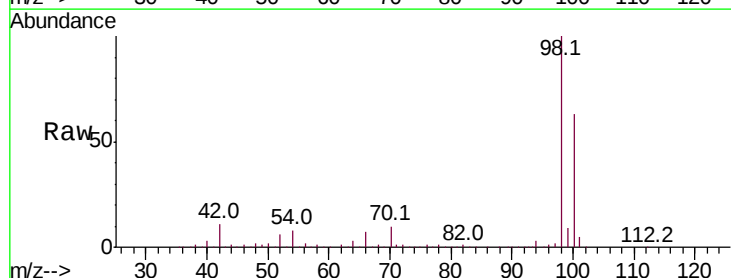


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

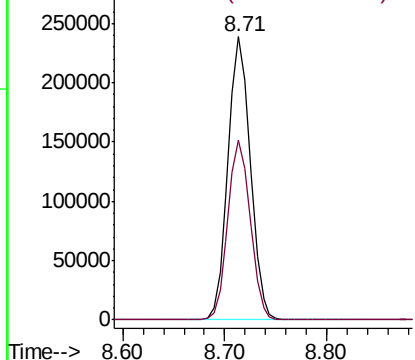
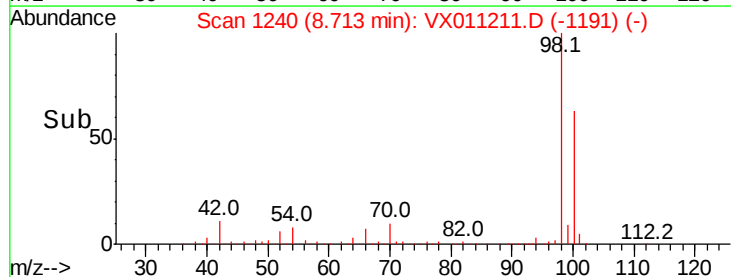


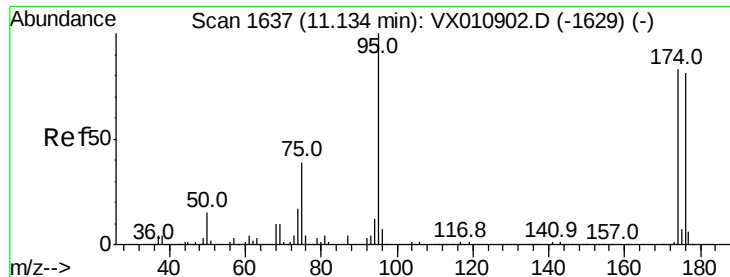
#50
 Toluene-d8
 Concen: 48.178 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX011211.D
 Acq: 30 Jul 2019 21:34

Tgt Ion: 98 Resp: 362903
 Ion Ratio Lower Upper
 98 100
 100 63.4 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

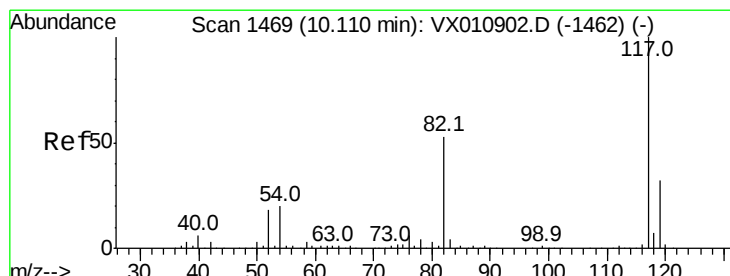
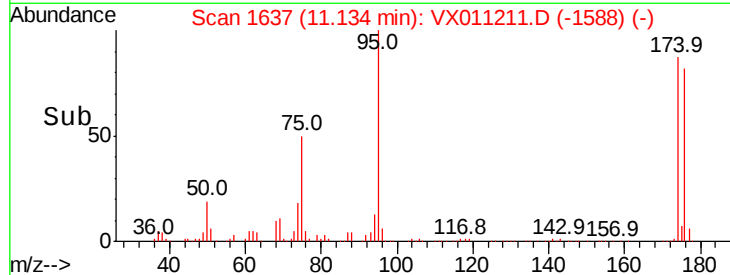
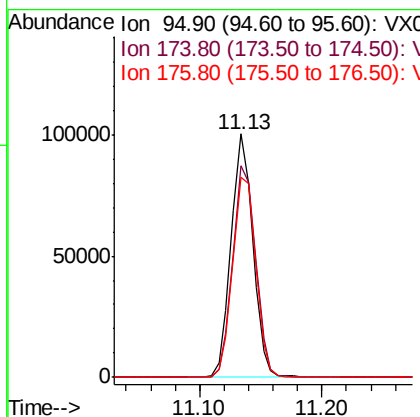
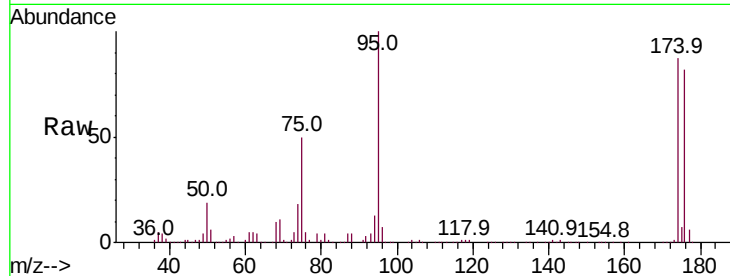




#62
4-Bromofluorobenzene
Concen: 44.428 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011211.D
Acq: 30 Jul 2019 21:34

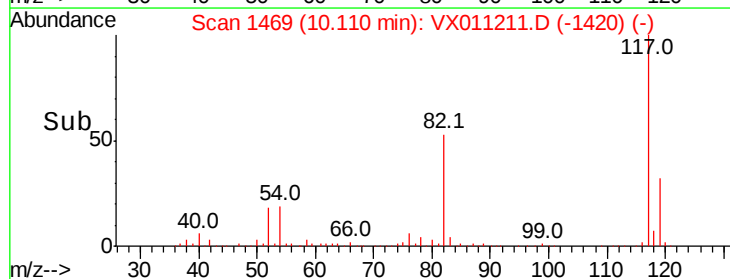
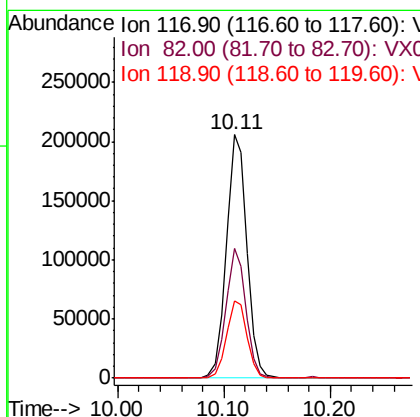
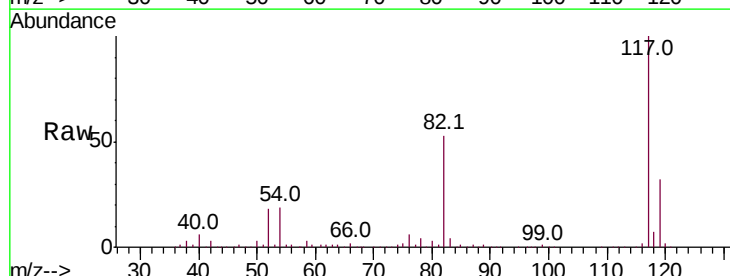
Instrument :
MSVOA_X
ClientSampleId :
OWL-C4-GW

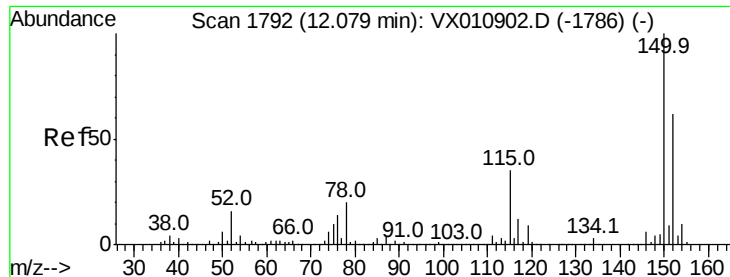
Tot Ion: 95 Resp: 123010
Ion Ratio Lower Upper
95 100
174 91.7 0.0 180.6
176 87.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011211.D
Acq: 30 Jul 2019 21:34

Tgt Ion: 117 Resp: 276915
Ion Ratio Lower Upper
117 100
82 53.4 42.6 63.8
119 31.6 25.9 38.9



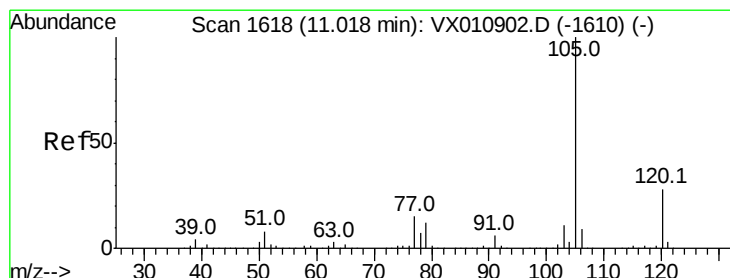
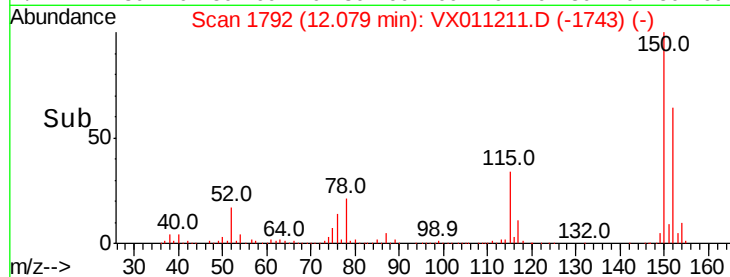
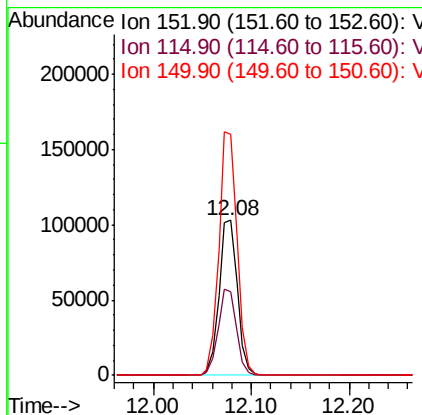
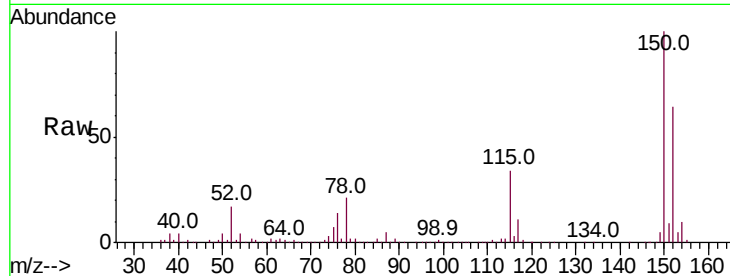


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011211.D
Acq: 30 Jul 2019 21:34

Instrument :
MSVOA_X
ClientSampleId :
OWL-C4-GW

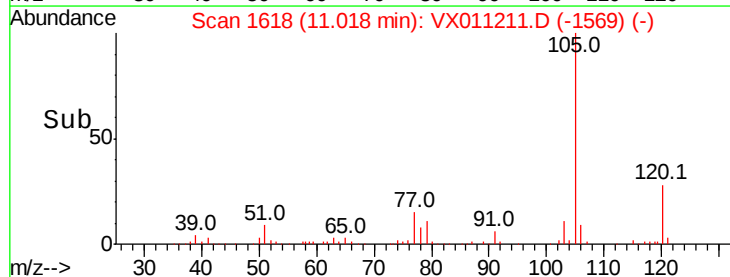
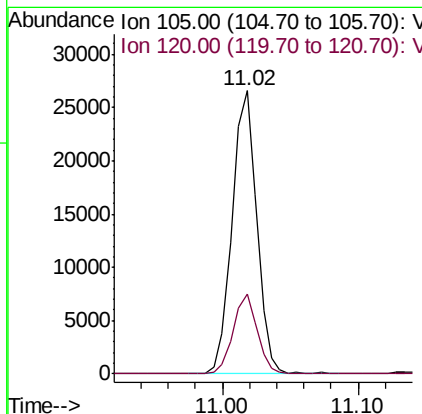
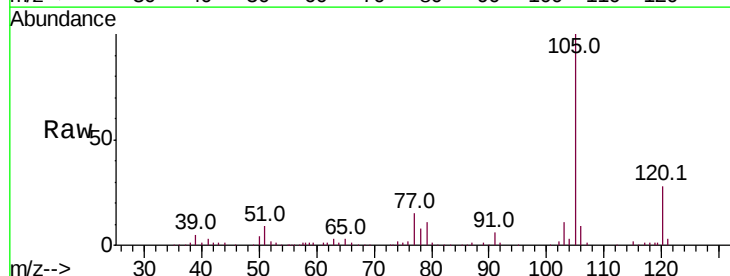
Tot Ion:152 Resp: 133049
Ion Ratio Lower Upper
152 100
115 55.2 39.7 119.1
150 156.6 0.0 345.6

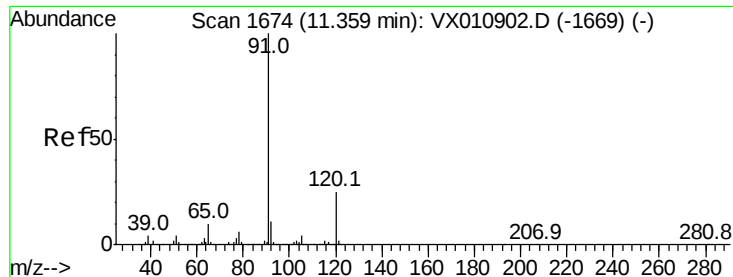


#73

Isopropylbenzene
Concen: 3.726 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX011211.D
Acq: 30 Jul 2019 21:34

Tgt Ion:105 Resp: 33500
Ion Ratio Lower Upper
105 100
120 27.6 13.7 41.1

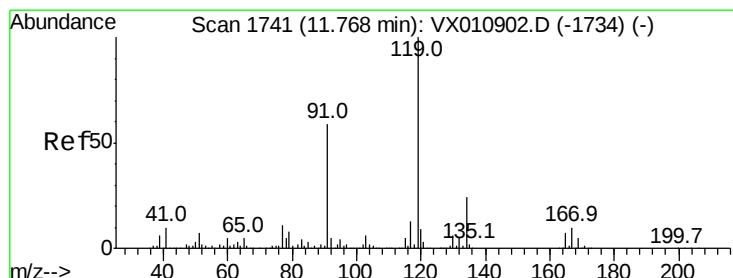
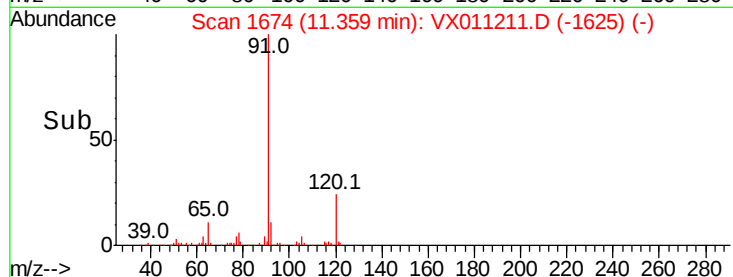
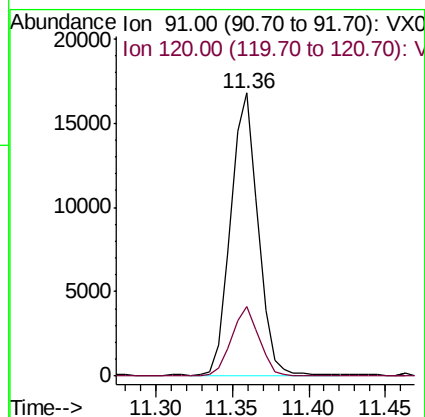
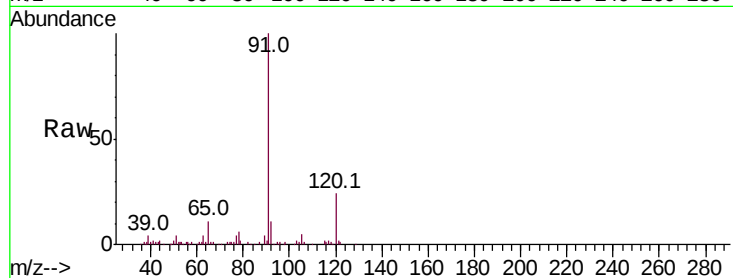




#78
n-propylbenzene
Concen: 2.116 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX011211.D
Acq: 30 Jul 2019 21:34

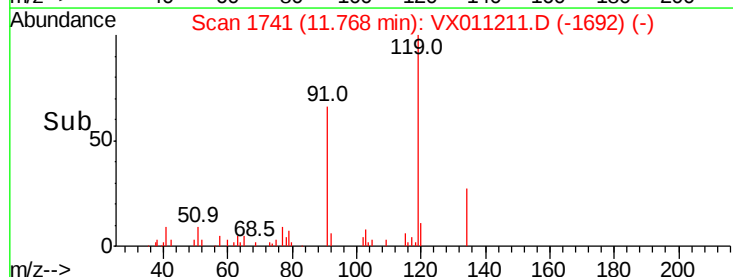
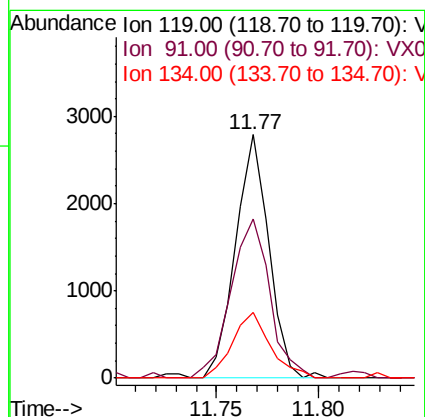
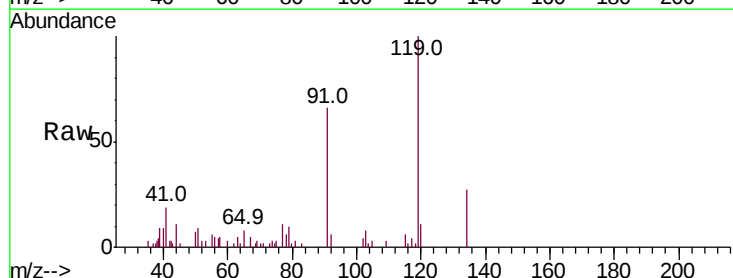
Instrument :
MSVOA_X
ClientSampleId :
OWL-C4-GW

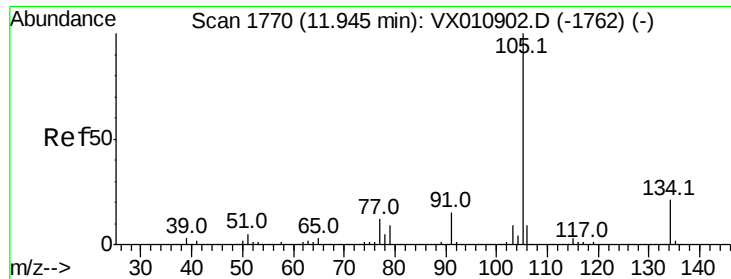
Tot Ion: 91 Resp: 21020
Ion Ratio Lower Upper
91 100
120 24.3 12.3 36.8



#83
tert-Butylbenzene
Concen: 0.426 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX011211.D
Acq: 30 Jul 2019 21:34

Tgt Ion: 119 Resp: 3143
Ion Ratio Lower Upper
119 100
91 76.3 28.6 85.8
134 30.8 11.6 34.8

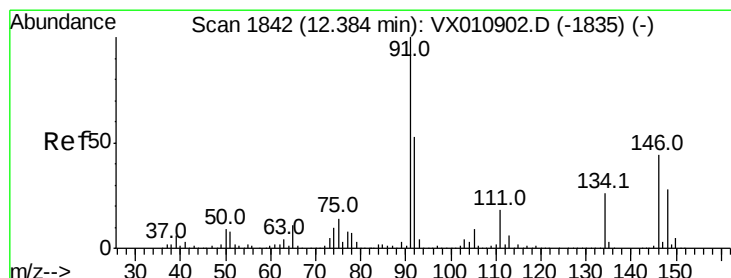
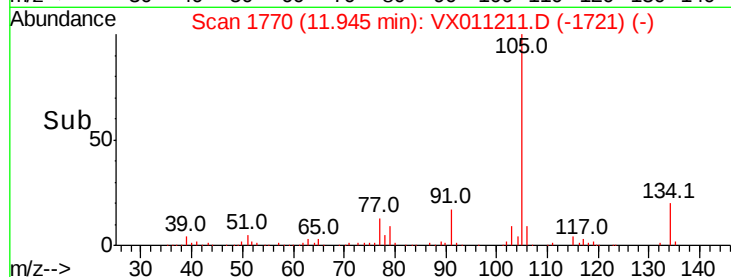
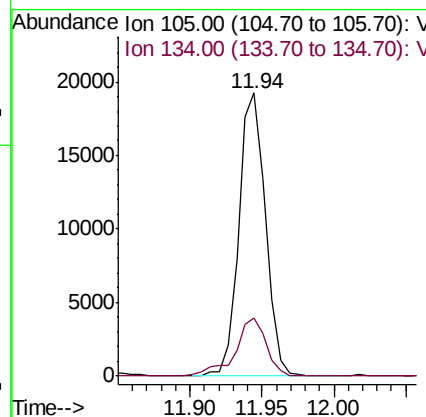
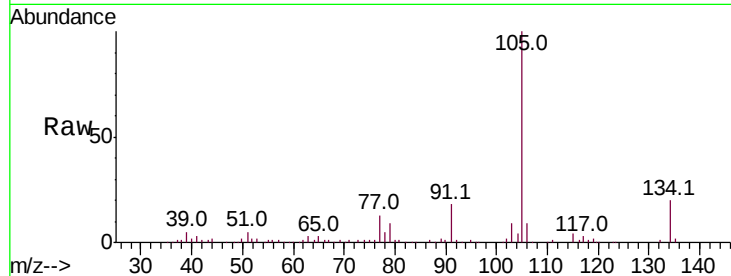




#85
 sec-Butylbenzene
 Concen: 2.873 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX011211.D
 Acq: 30 Jul 2019 21:34

Instrument :
 MSVOA_X
 ClientSampleId :
 OWL-C4-GW

Tot Ion:105 Resp: 24844
 Ion Ratio Lower Upper
 105 100
 134 23.9 10.4 31.4



#89
 n-Butylbenzene
 Concen: 0.736 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX011211.D
 Acq: 30 Jul 2019 21:34

Tgt Ion: 91 Resp: 5031
 Ion Ratio Lower Upper
 91 100
 92 45.5 26.2 78.5
 134 28.6 13.8 41.3

