

Data File : VX019290.D  
Acq On : 04 Nov 2020 23:25  
Operator : JC/MD  
Sample : L4607-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
OW-02

Quant Time: Nov 05 07:25:32 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X102720W.M  
Quant Title : SW846 8260  
QLast Update : Tue Oct 27 13:55:07 2020  
Response via : Initial Calibration

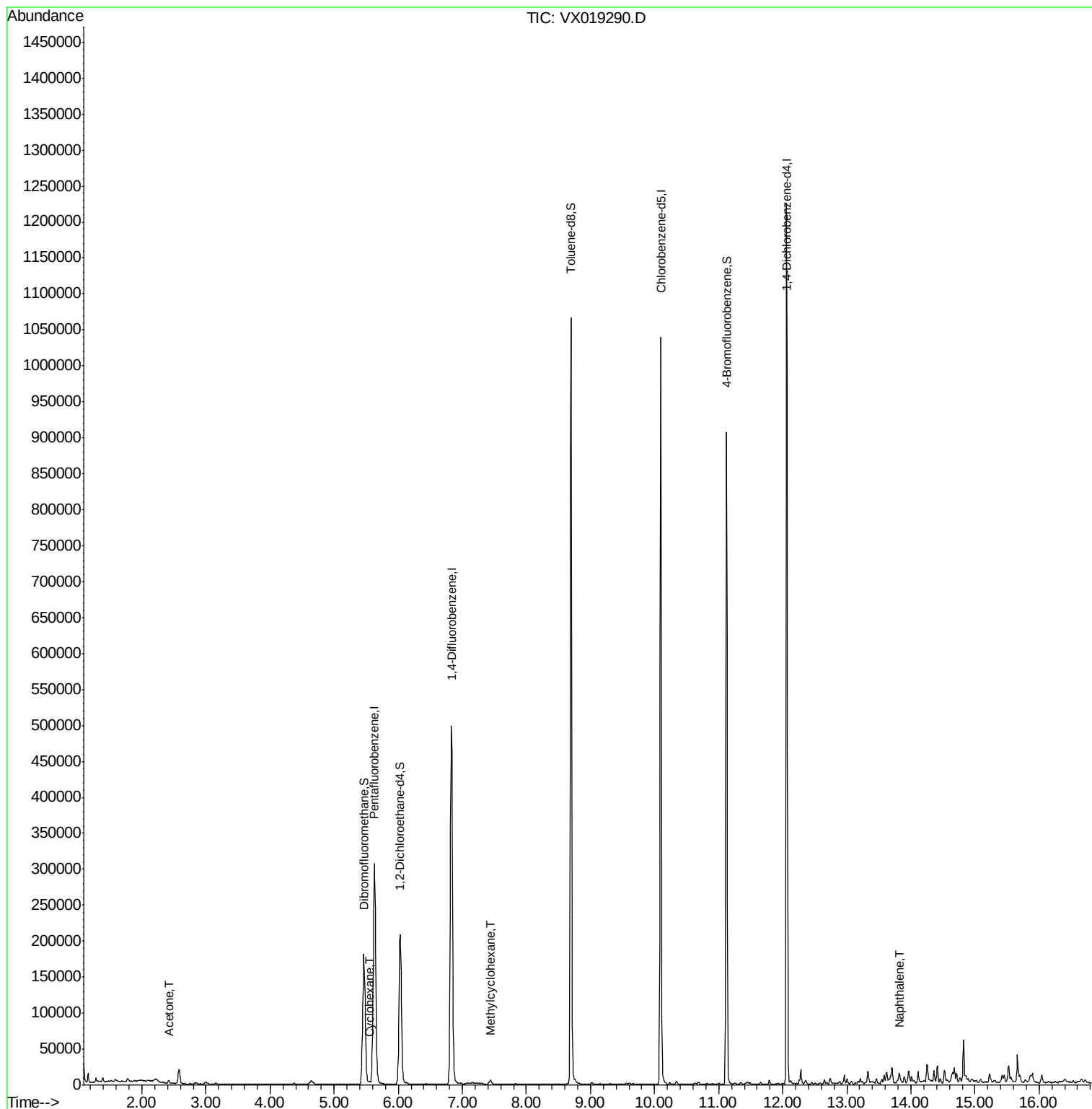
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 5.63  | 168  | 279644   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.83  | 114  | 501716   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.10 | 117  | 482558   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.06 | 152  | 237238   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 200015   | 55.46 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 110.92% |          |
| 35) Dibromofluoromethane    | 5.46  | 113  | 156835   | 49.77 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 99.54%  |          |
| 50) Toluene-d8              | 8.70  | 98   | 627898   | 52.85 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 105.70% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 238566   | 53.03 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 106.06% |          |
| Target Compounds            |       |      |          |       |         |          |
| 16) Acetone                 | 2.42  | 43   | 4739     | 3.809 | ug/l    | 97       |
| 31) Cyclohexane             | 5.56  | 56   | 2031     | 0.446 | ug/l    | 90       |
| 39) Methylcyclohexane       | 7.44  | 83   | 2505     | 0.452 | ug/l #  | 92       |
| 95) Naphthalene             | 13.82 | 128  | 8718     | 0.494 | ug/l #  | 88       |

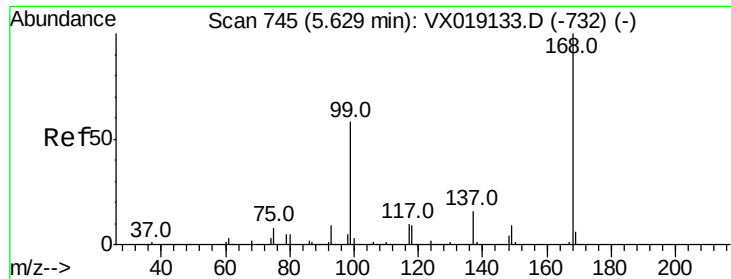
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 27 13:55:07 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019290.D

Acq: 04 Nov 2020 23:25

Instrument :

MSVOA\_X

ClientSampleId :

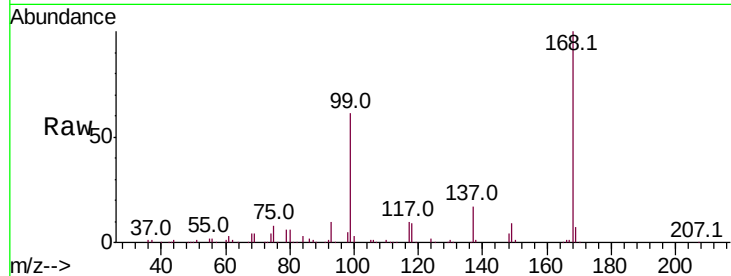
OW-02

Tgt Ion:168 Resp: 279644

Ion Ratio Lower Upper

168 100

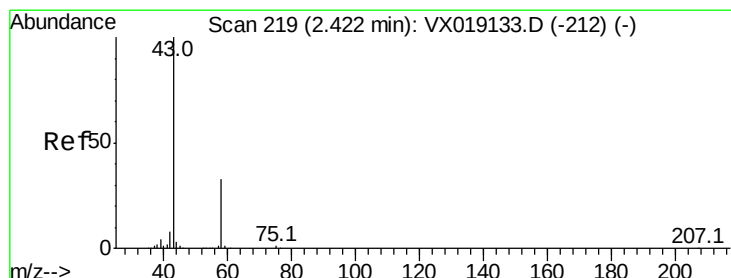
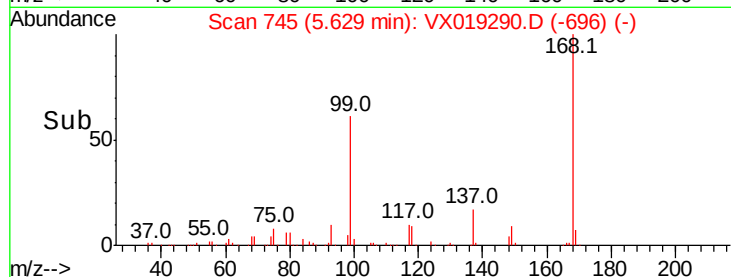
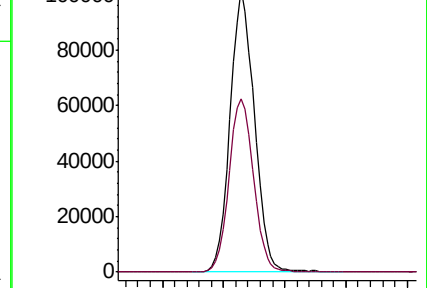
99 61.2 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63



#16

Acetone

Concen: 3.809 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX019290.D

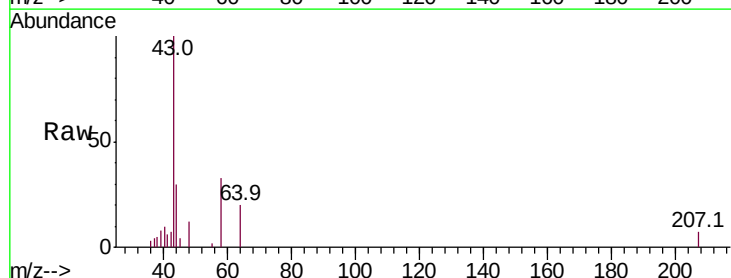
Acq: 04 Nov 2020 23:25

Tgt Ion: 43 Resp: 4739

Ion Ratio Lower Upper

43 100

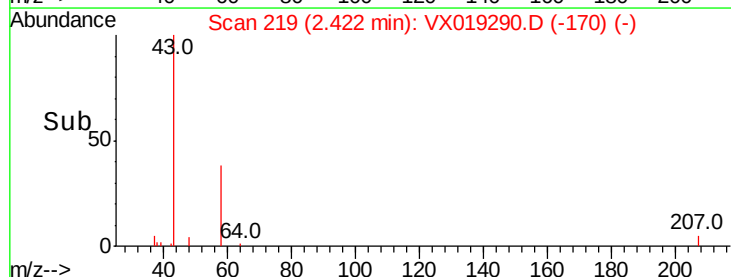
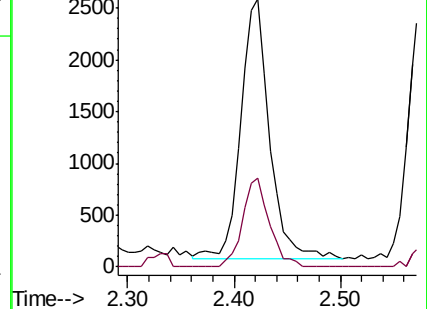
58 34.4 26.3 39.5

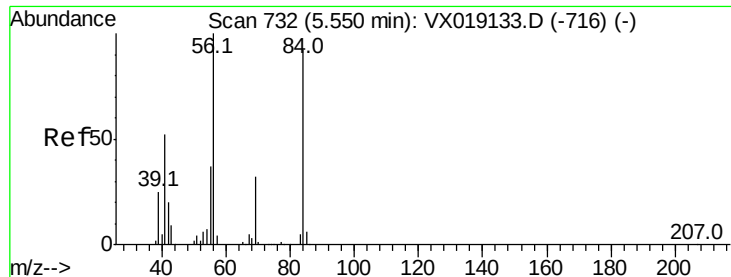


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

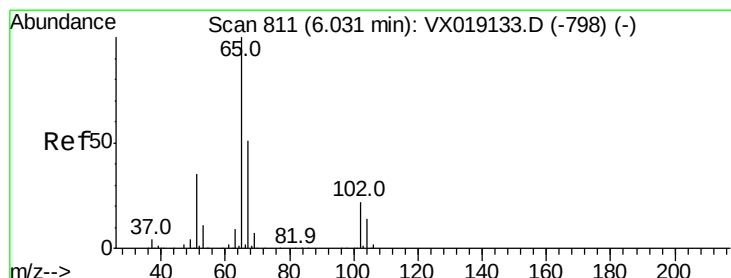
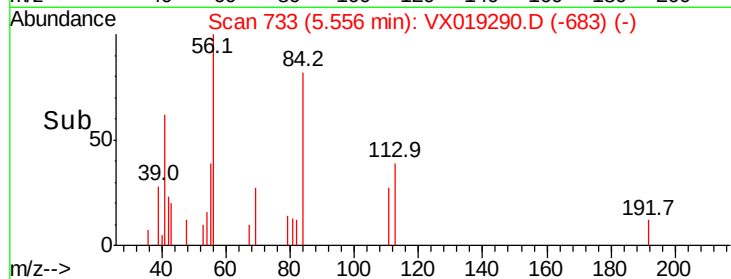
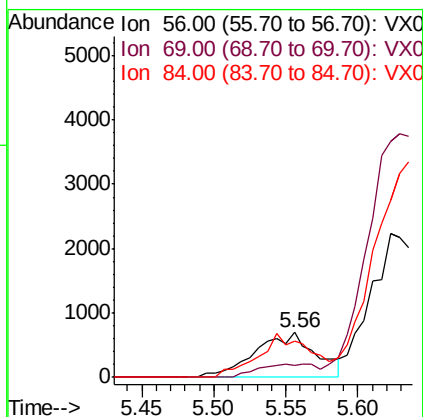
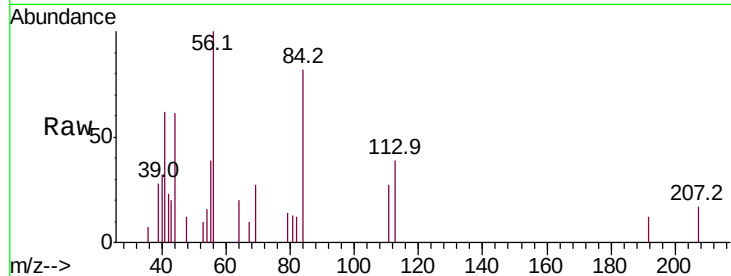




#31  
Cyclohexane  
Concen: 0.446 ug/l  
RT: 5.56 min Scan# 733  
Delta R.T. 0.01 min  
Lab File: VX019290.D  
Acq: 04 Nov 2020 23:25

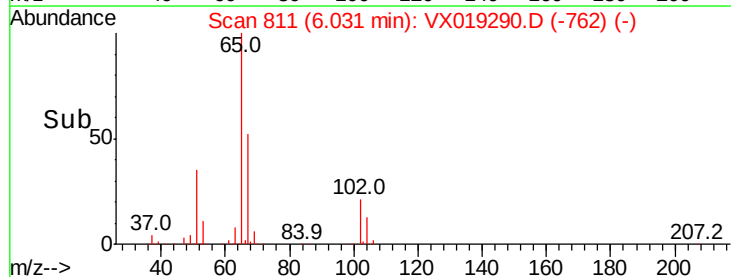
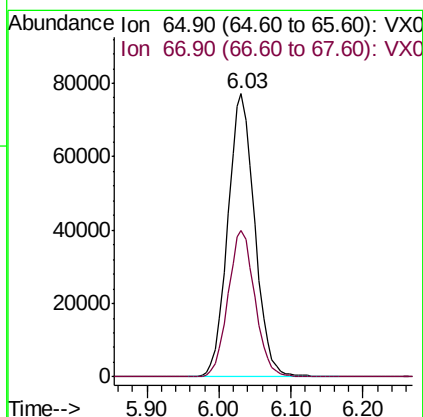
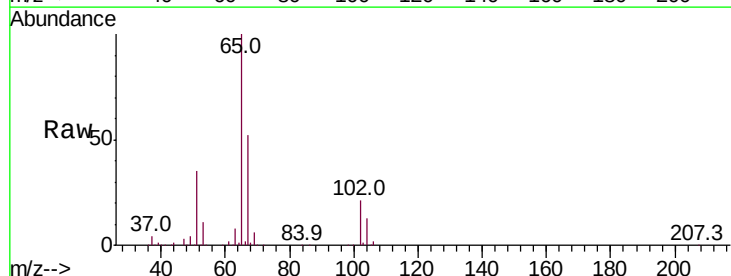
Instrument :  
MSVOA\_X  
ClientSampled :  
OW-02

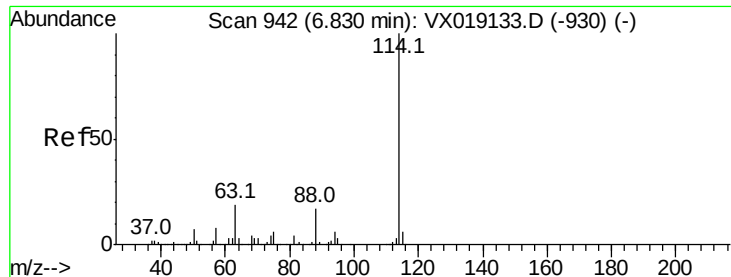
Tgt Ion: 56 Resp: 2031  
Ion Ratio Lower Upper  
56 100  
69 26.5 25.9 38.9  
84 81.8 73.4 110.2



#33  
1,2-Dichloroethane-d4  
Concen: 55.462 ug/l  
RT: 6.03 min Scan# 811  
Delta R.T. -0.00 min  
Lab File: VX019290.D  
Acq: 04 Nov 2020 23:25

Tgt Ion: 65 Resp: 200015  
Ion Ratio Lower Upper  
65 100  
67 51.9 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019290.D

Acq: 04 Nov 2020 23:25

Instrument :

MSVOA\_X

ClientSampleId :

OW-02

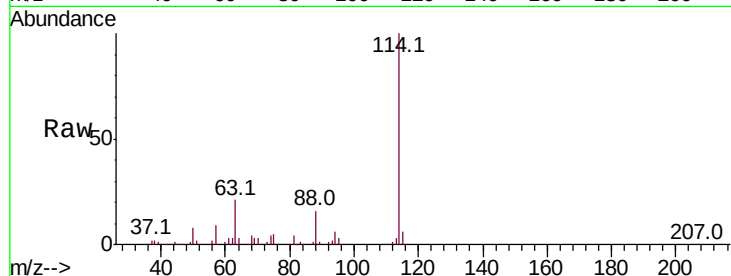
Tgt Ion:114 Resp: 501716

Ion Ratio Lower Upper

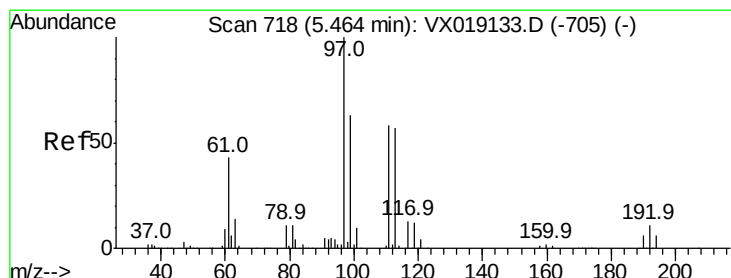
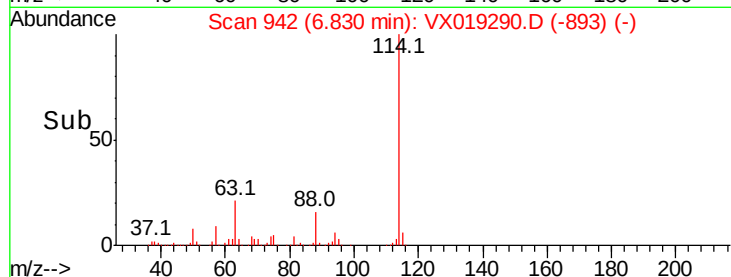
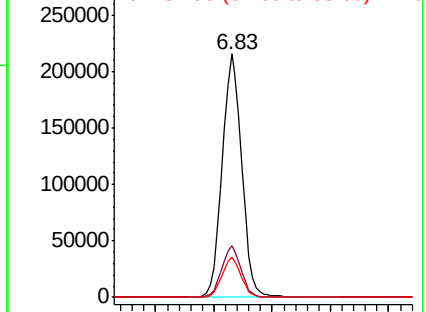
114 100

63 21.2 0.0 38.8

88 16.2 0.0 34.2



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: 49.766 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019290.D

Acq: 04 Nov 2020 23:25

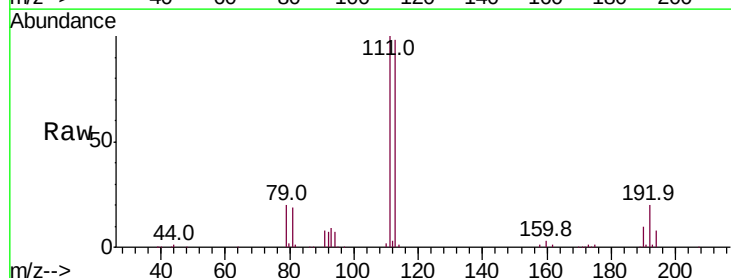
Tgt Ion:113 Resp: 156835

Ion Ratio Lower Upper

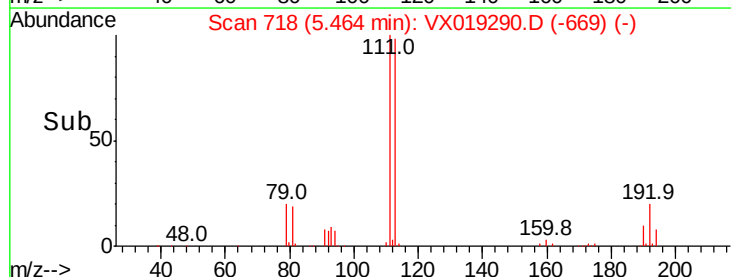
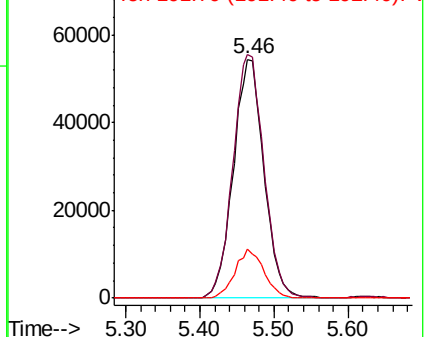
113 100

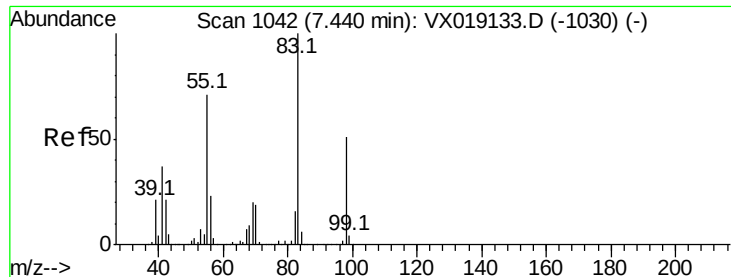
111 103.5 82.3 123.5

192 19.4 16.2 24.2



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

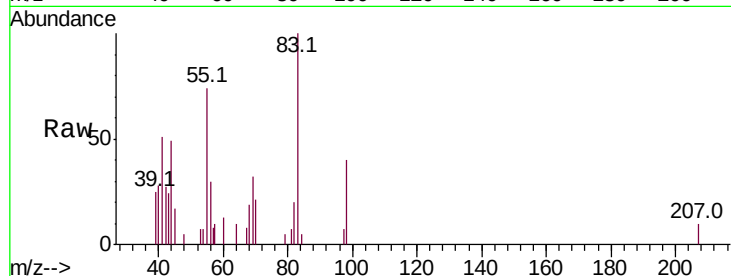




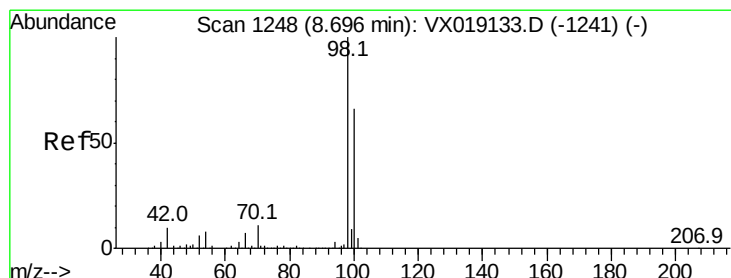
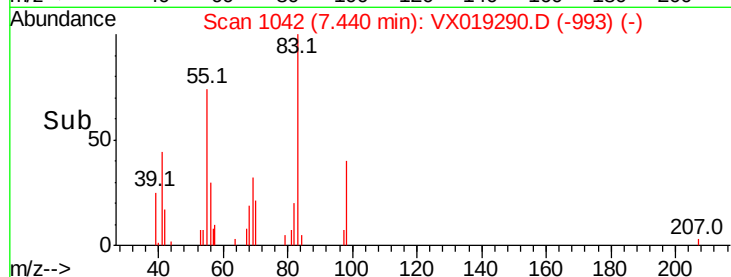
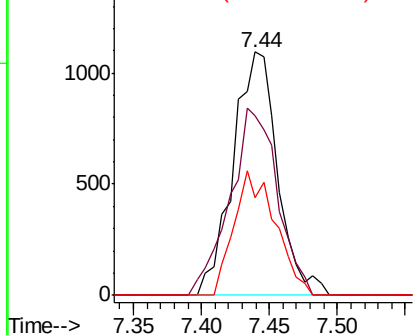
#39  
Methylcyclohexane  
Concen: 0.452 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. -0.00 min  
Lab File: VX019290.D  
Acq: 04 Nov 2020 23:25

Instrument :  
MSVOA\_X  
ClientSampled :  
OW-02

Tgt Ion: 83 Resp: 2505  
Ion Ratio Lower Upper  
83 100  
55 73.9 57.0 85.6  
98 39.9 40.5 60.7#

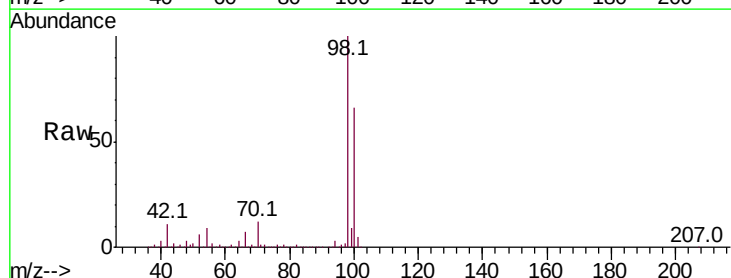


Abundance Ion 83.00 (82.70 to 83.70): VX0  
Ion 55.00 (54.70 to 55.70): VX0  
Ion 98.00 (97.70 to 98.70): VX0

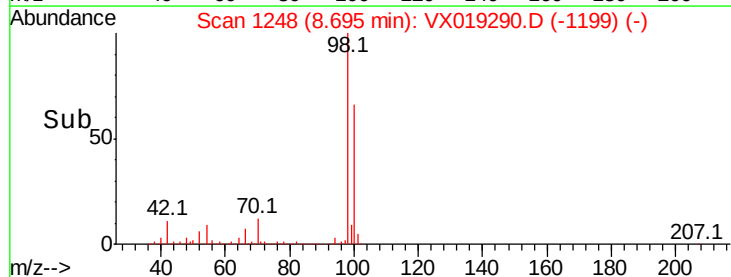
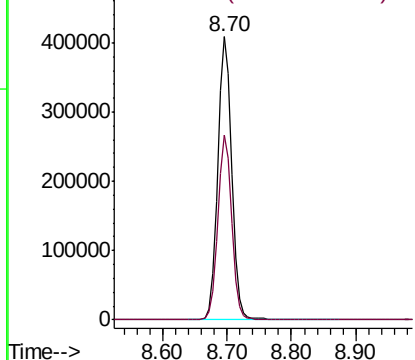


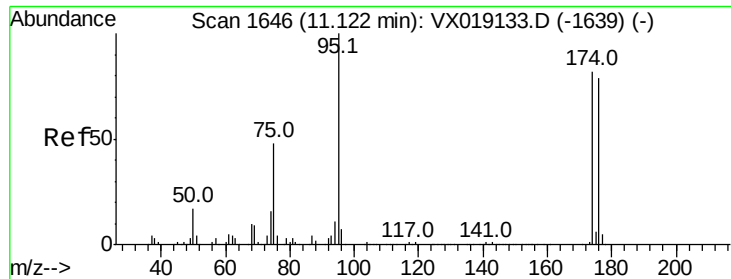
#50  
Toluene-d8  
Concen: 52.854 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. -0.00 min  
Lab File: VX019290.D  
Acq: 04 Nov 2020 23:25

Tgt Ion: 98 Resp: 627898  
Ion Ratio Lower Upper  
98 100  
100 65.2 53.0 79.6



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

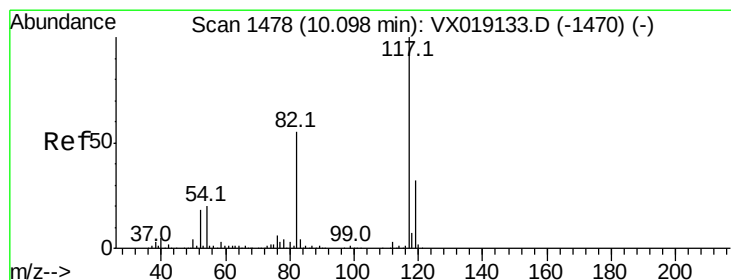
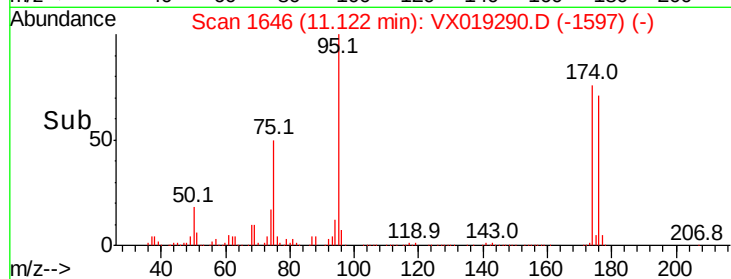
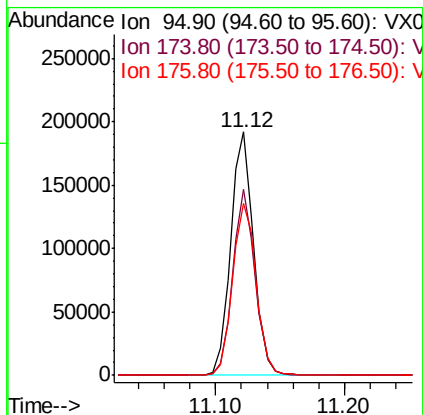
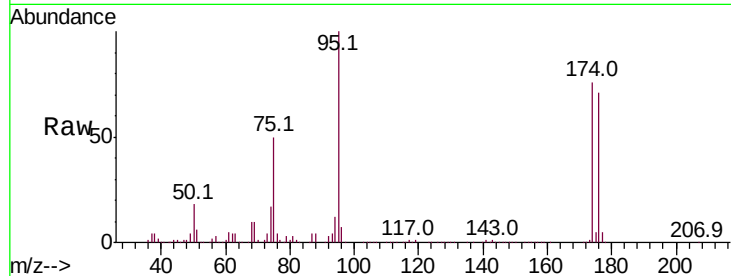




#62  
4-Bromofluorobenzene  
Concen: 53.027 ug/l  
RT: 11.12 min Scan# 1646  
Delta R.T. -0.00 min  
Lab File: VX019290.D  
Acq: 04 Nov 2020 23:25

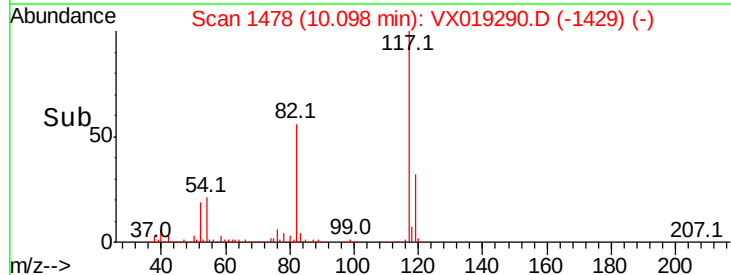
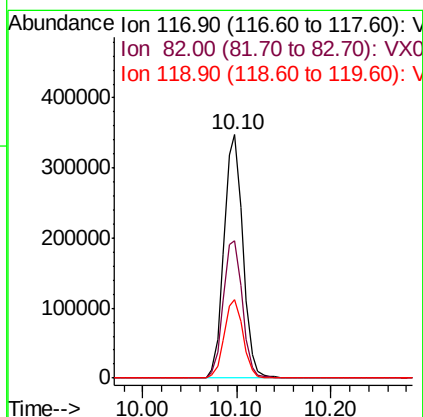
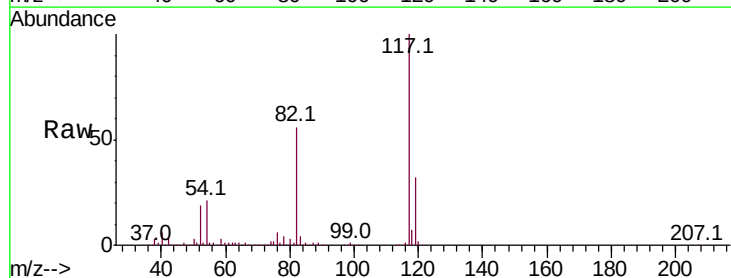
Instrument :  
MSVOA\_X  
ClientSampled :  
OW-02

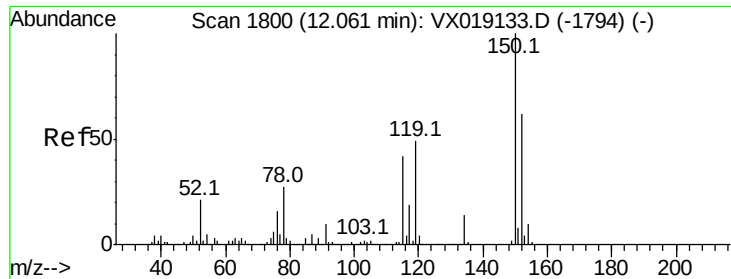
Tgt Ion: 95 Resp: 238566  
Ion Ratio Lower Upper  
95 100  
174 74.3 0.0 156.0  
176 72.8 0.0 149.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX019290.D  
Acq: 04 Nov 2020 23:25

Tgt Ion: 117 Resp: 482558  
Ion Ratio Lower Upper  
117 100  
82 56.4 43.6 65.4  
119 32.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019290.D

Acq: 04 Nov 2020 23:25

Instrument :

MSVOA\_X

ClientSampleId :

OW-02

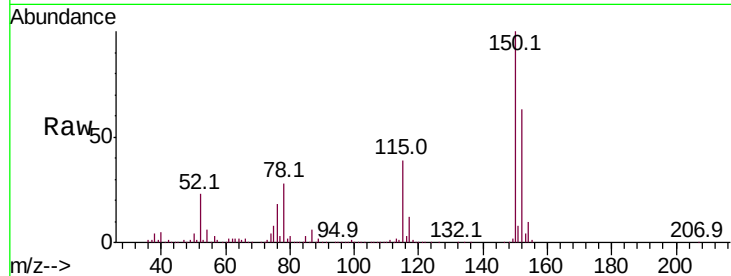
Tgt Ion:152 Resp: 237238

Ion Ratio Lower Upper

152 100

115 62.6 41.9 125.7

150 160.7 0.0 347.8

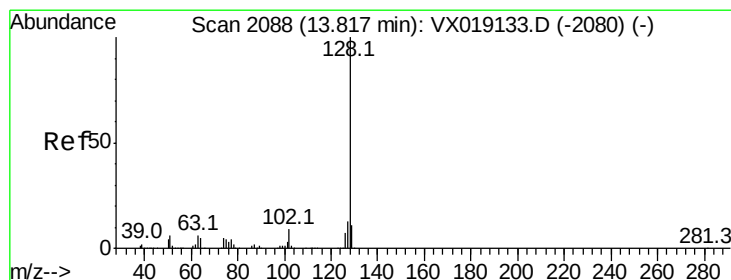
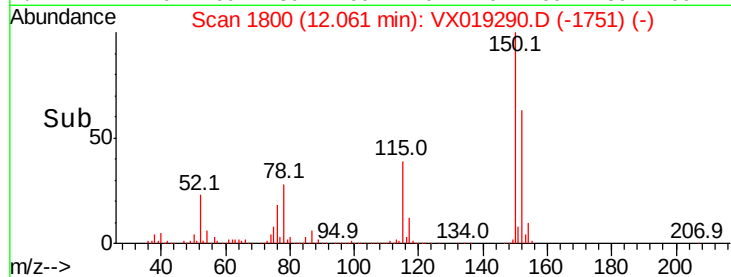
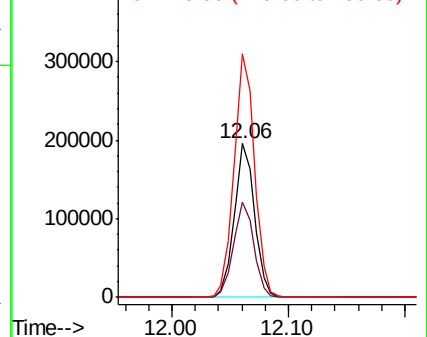


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene

Concen: 0.494 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019290.D

Acq: 04 Nov 2020 23:25

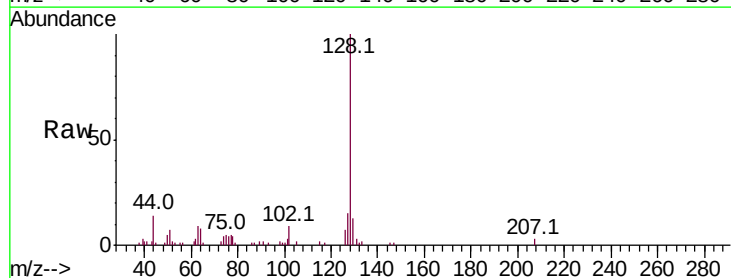
Tgt Ion:128 Resp: 8718

Ion Ratio Lower Upper

128 100

127 15.9 10.3 15.5#

129 17.1 8.6 13.0#



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

