

Data File : VX019288.D  
Acq On : 04 Nov 2020 22:41  
Operator : JC/MD  
Sample : L4607-01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
LW-06

Quant Time: Nov 05 03:16:10 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

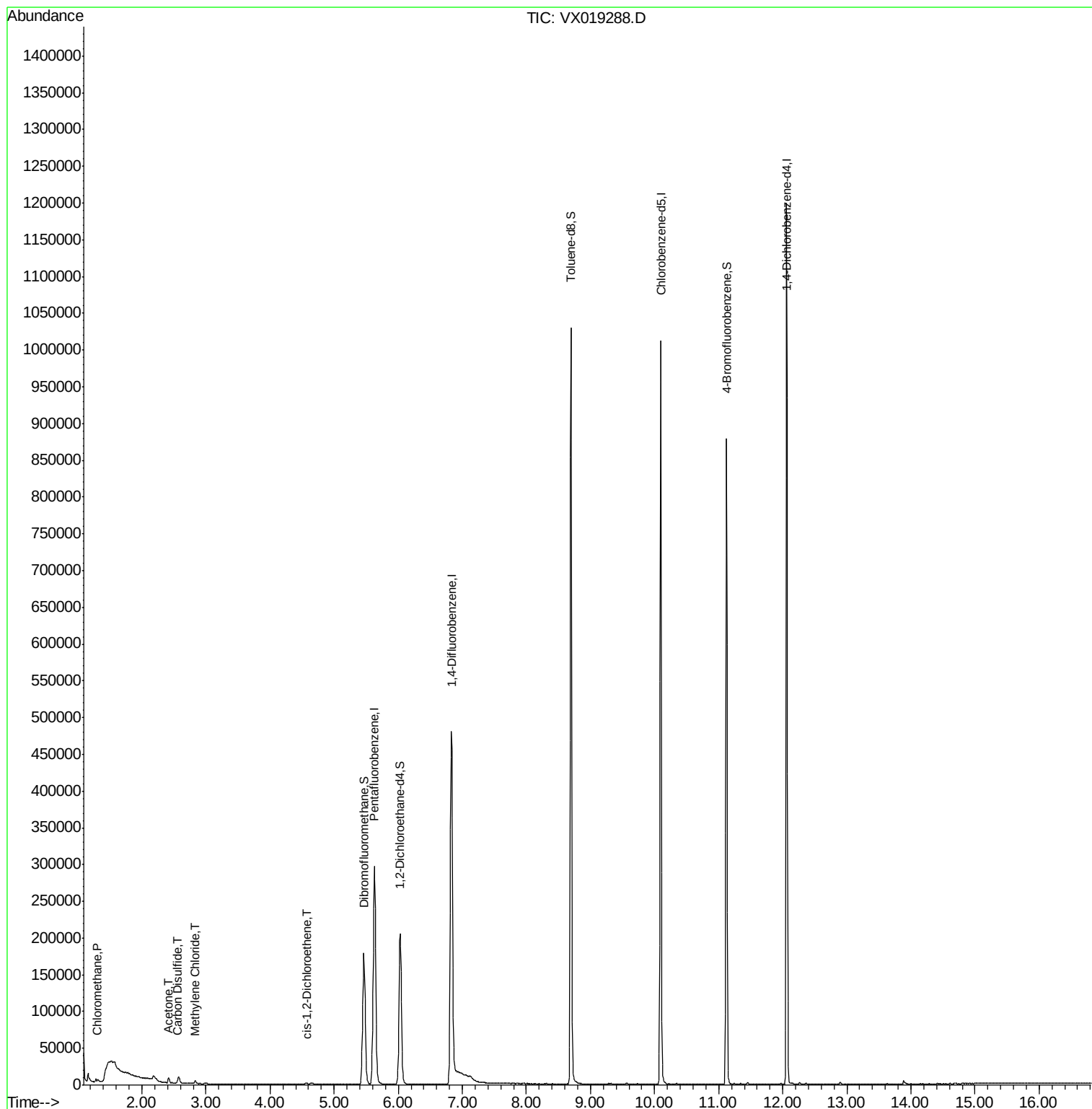
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 5.63  | 168  | 275936   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.83  | 114  | 484869   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.10 | 117  | 469626   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.06 | 152  | 231938   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 196962   | 55.35 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 110.70% |          |
| 35) Dibromofluoromethane    | 5.46  | 113  | 154273   | 50.65 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 101.30% |          |
| 50) Toluene-d8              | 8.70  | 98   | 611148   | 53.23 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 106.46% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 229237   | 52.72 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 105.44% |          |
| Target Compounds            |       |      |          |       |         |          |
| 3) Chloromethane            | 1.31  | 50   | 1698     | 0.661 | ug/l    | 98       |
| 16) Acetone                 | 2.42  | 43   | 6656     | 5.422 | ug/l    | 95       |
| 17) Carbon Disulfide        | 2.56  | 76   | 2730     | 1.112 | ug/l #  | 90       |
| 20) Methylene Chloride      | 2.84  | 84   | 1571     | 0.510 | ug/l    | 92       |
| 27) cis-1,2-Dichloroethene  | 4.57  | 96   | 965      | 0.281 | ug/l #  | 66       |

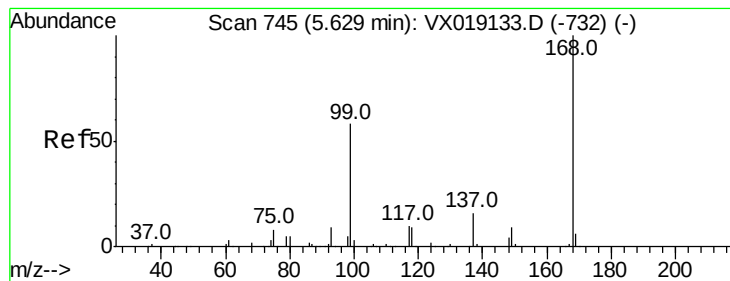
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

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Acq: 04 Nov 2020 22:41

Instrument :

MSVOA\_X

ClientSampleId :

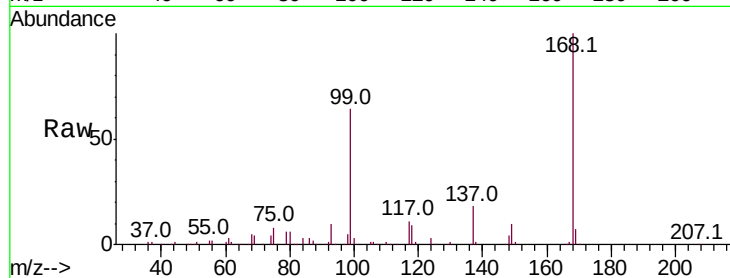
LW-06

Tgt Ion:168 Resp: 275936

Ion Ratio Lower Upper

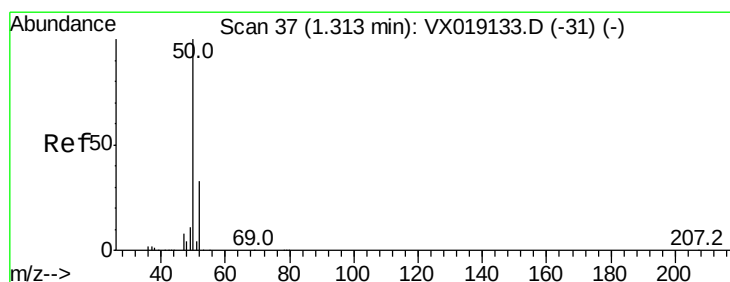
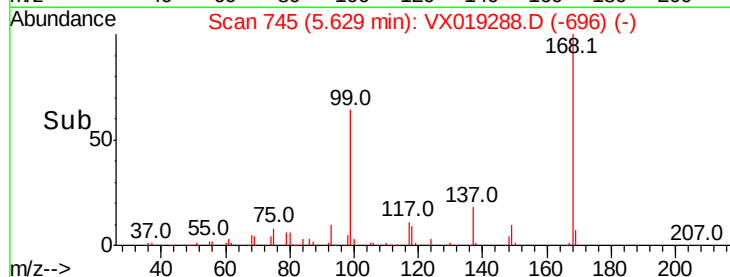
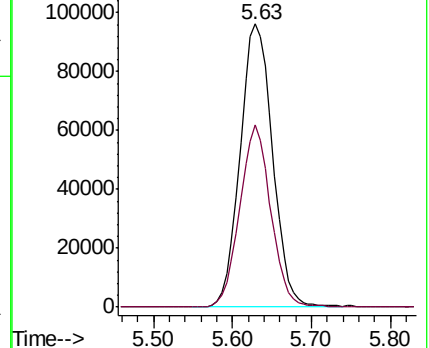
168 100

99 64.2 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.661 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019288.D

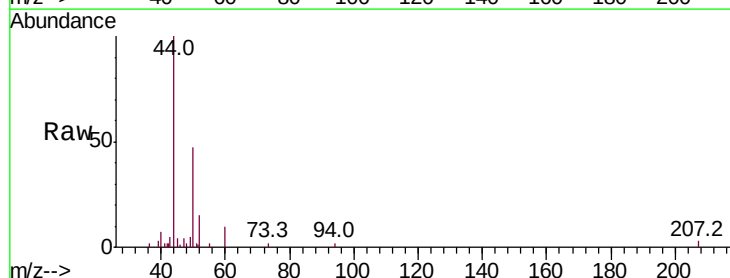
Acq: 04 Nov 2020 22:41

Tgt Ion: 50 Resp: 1698

Ion Ratio Lower Upper

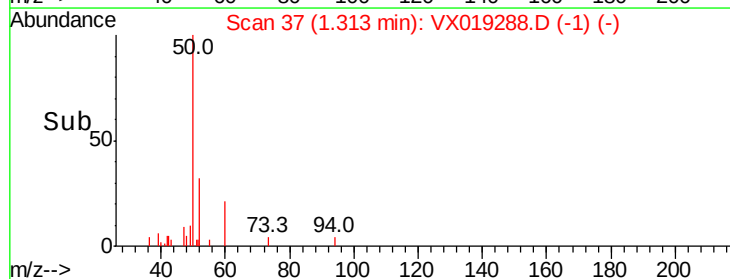
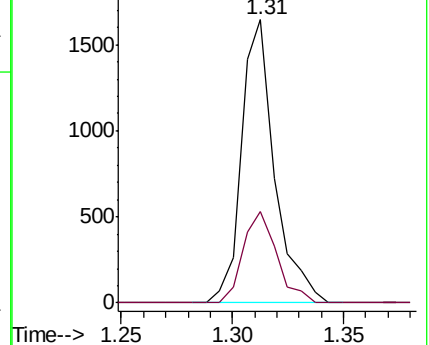
50 100

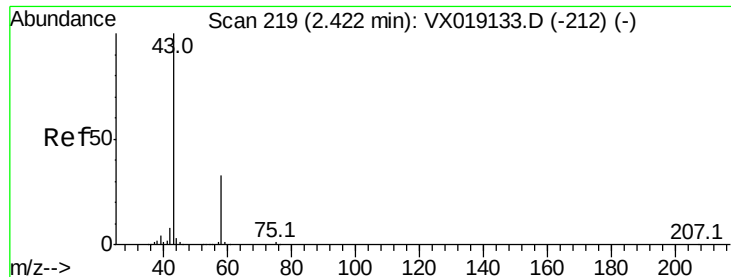
52 32.1 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#16

Acetone

Concen: 5.422 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019288.D

Acq: 04 Nov 2020 22:41

Instrument :

MSVOA\_X

ClientSampled :

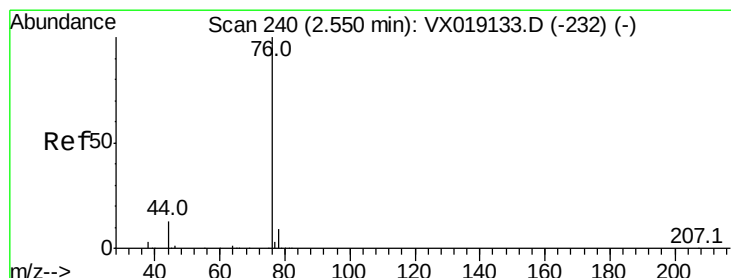
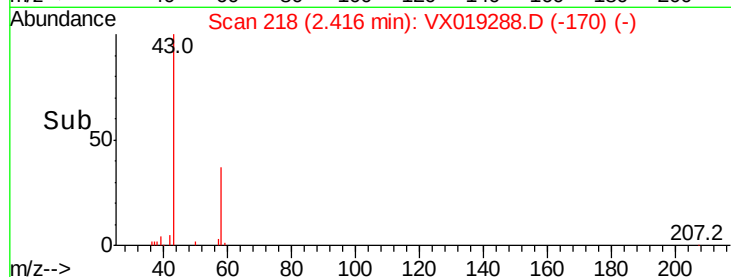
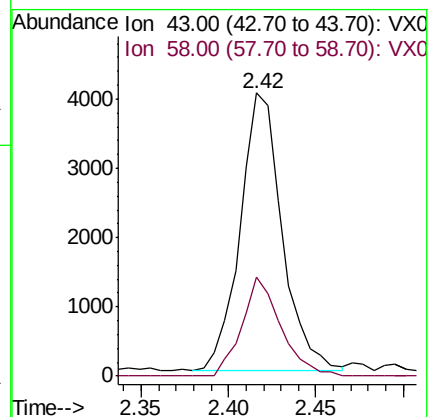
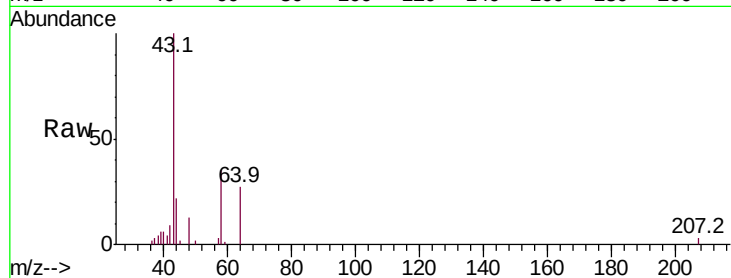
LW-06

Tgt Ion: 43 Resp: 6656

Ion Ratio Lower Upper

43 100

58 35.8 26.3 39.5



#17

Carbon Disulfide

Concen: 1.112 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX019288.D

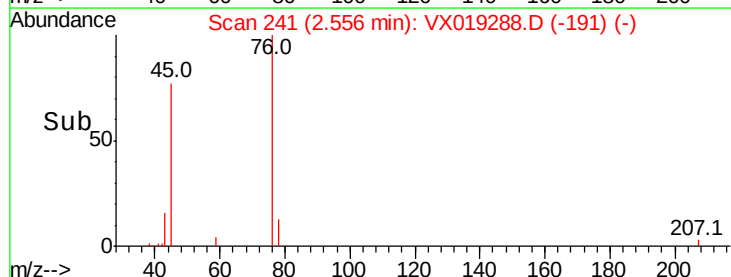
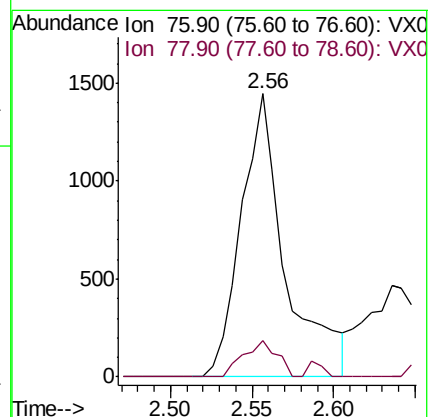
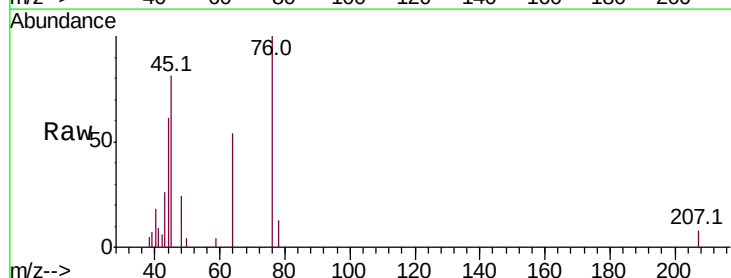
Acq: 04 Nov 2020 22:41

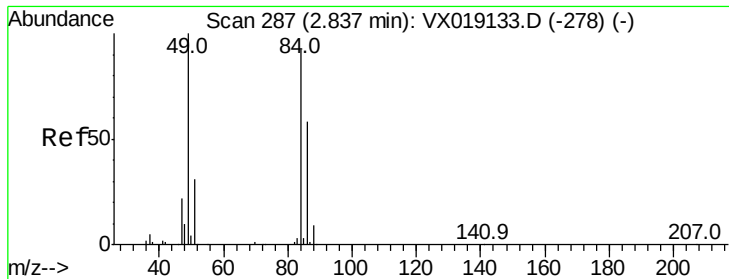
Tgt Ion: 76 Resp: 2730

Ion Ratio Lower Upper

76 100

78 12.7 7.3 10.9#

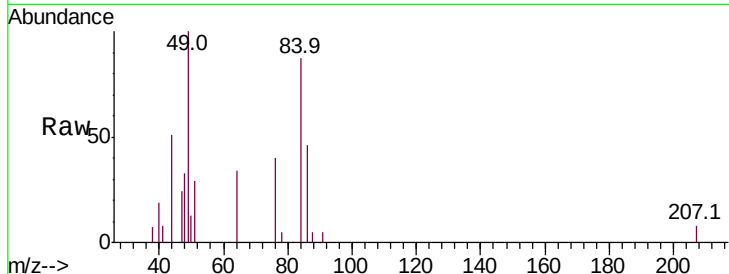




#20  
Methylene Chloride  
Concen: 0.510 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. -0.00 min  
Lab File: VX019288.D  
Acq: 04 Nov 2020 22:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
LW-06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 1571  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 115.5 | 86.8  | 130.2 |
| 51       | 33.7  | 27.3  | 40.9  |
| 86       | 52.6  | 50.6  | 76.0  |



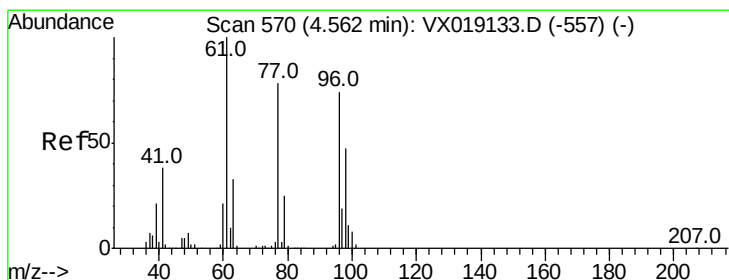
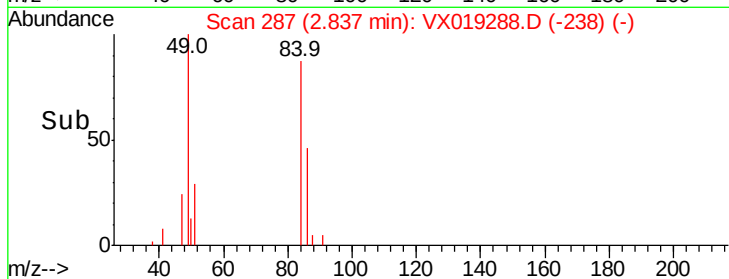
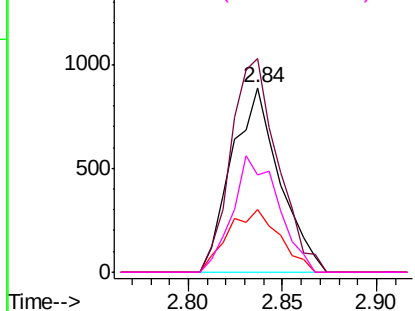
Abundance

Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

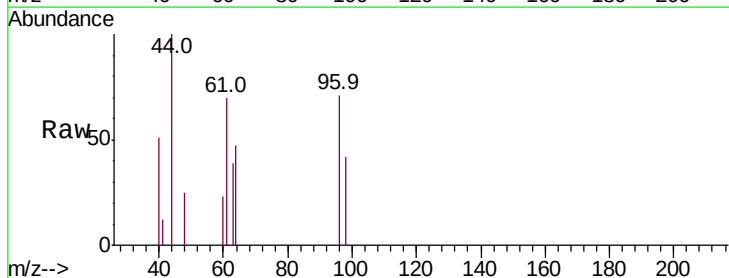
Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#27  
cis-1,2-Dichloroethene  
Concen: 0.281 ug/l  
RT: 4.57 min Scan# 572  
Delta R.T. 0.01 min  
Lab File: VX019288.D  
Acq: 04 Nov 2020 22:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 965   |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 124.8 | 0.0   | 278.8 |
| 98       | 0.0   | 0.0   | 130.2 |

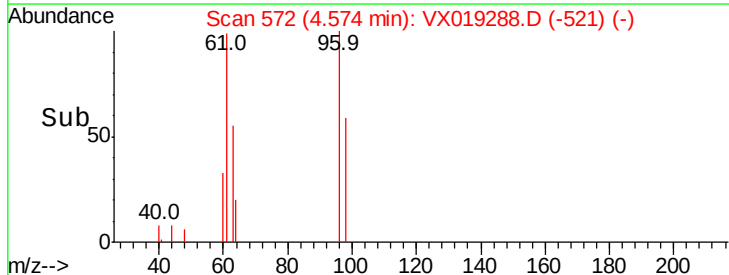
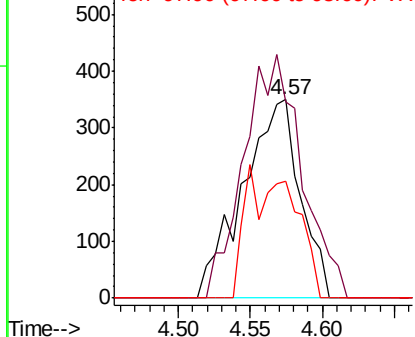


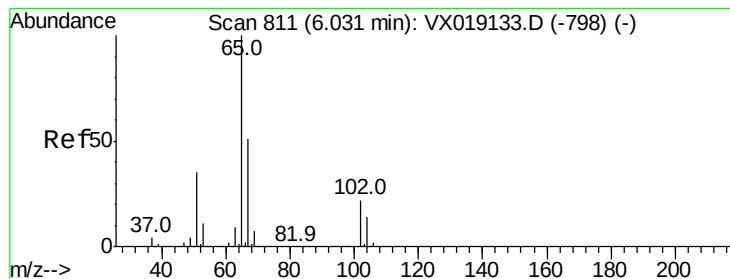
Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 55.349 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019288.D

Acq: 04 Nov 2020 22:41

Instrument :

MSVOA\_X

ClientSampleId :

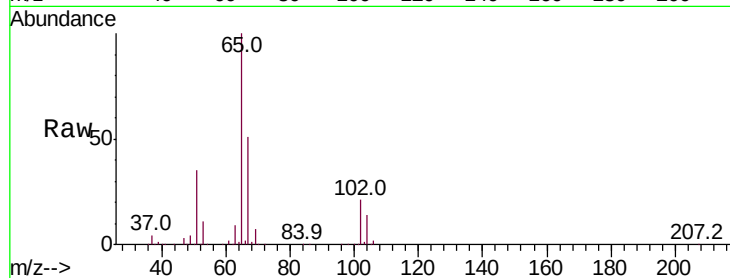
LW-06

Tgt Ion: 65 Resp: 196962

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

60000

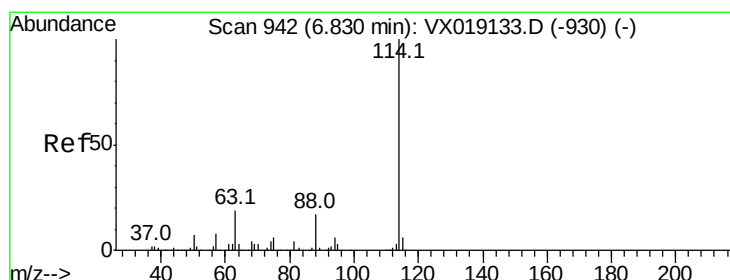
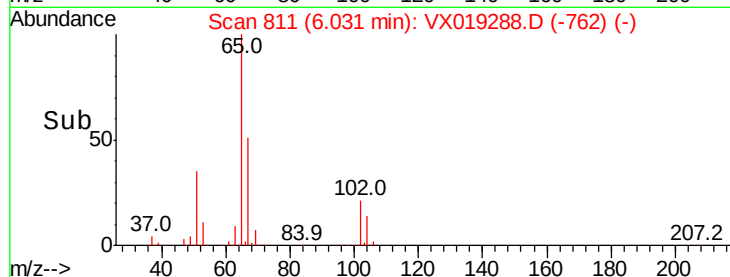
40000

20000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019288.D

Acq: 04 Nov 2020 22:41

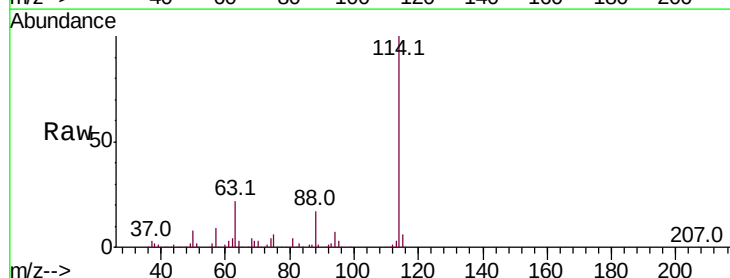
Tgt Ion: 114 Resp: 484869

Ion Ratio Lower Upper

114 100

63 21.8 0.0 38.8

88 16.7 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

250000

200000

150000

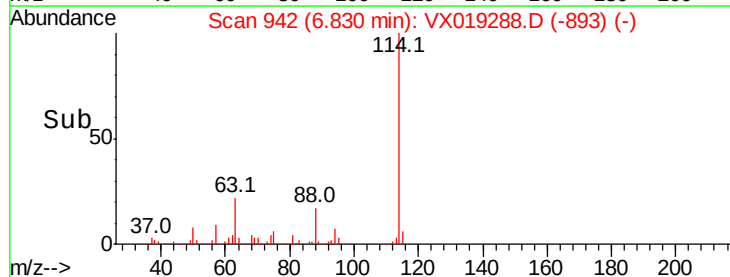
100000

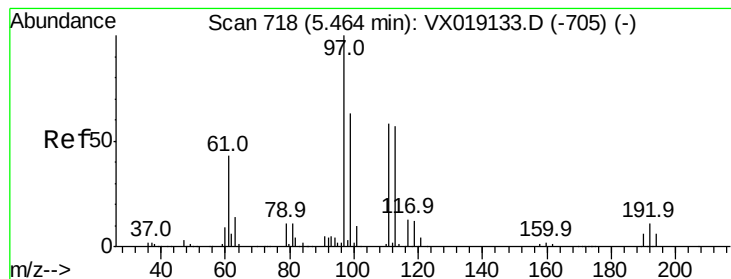
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 50.654 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019288.D

Acq: 04 Nov 2020 22:41

Instrument :

MSVOA\_X

ClientSampled :

LW-06

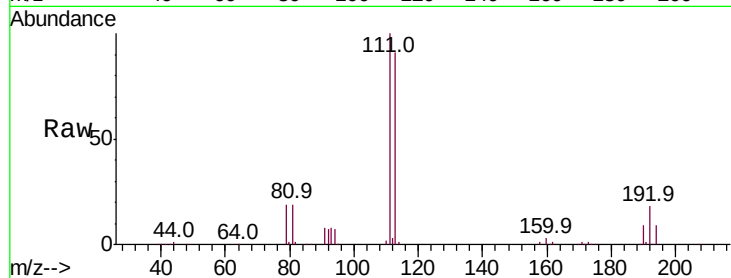
Tgt Ion:113 Resp: 154273

Ion Ratio Lower Upper

113 100

111 104.4 82.3 123.5

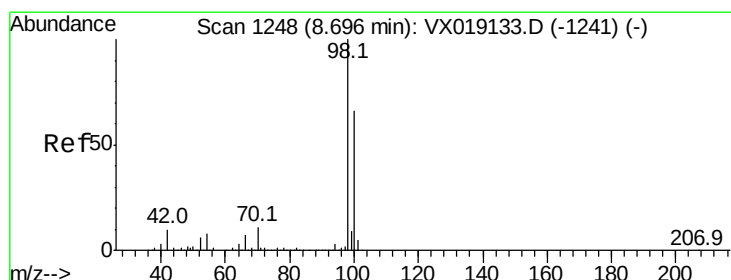
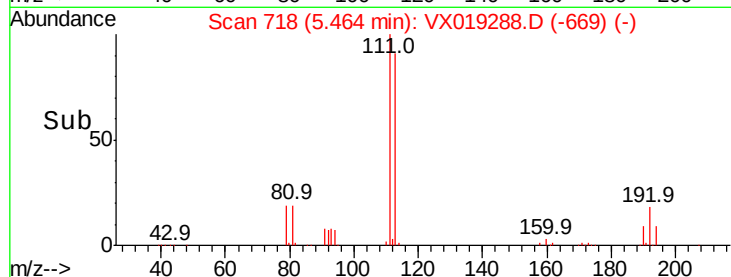
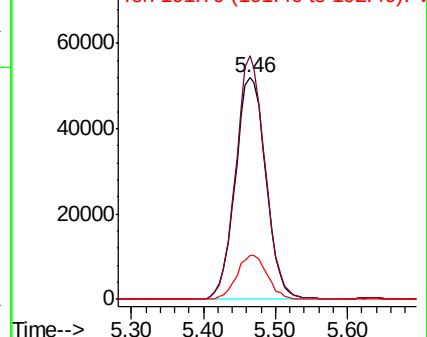
192 19.7 16.2 24.2



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



#50

Toluene-d8

Concen: 53.231 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019288.D

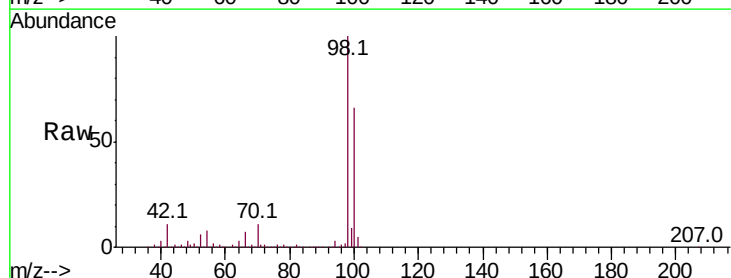
Acq: 04 Nov 2020 22:41

Tgt Ion: 98 Resp: 611148

Ion Ratio Lower Upper

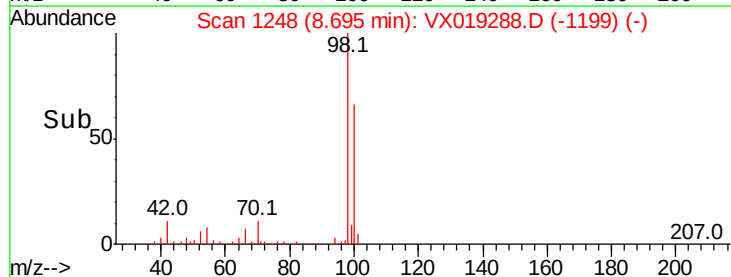
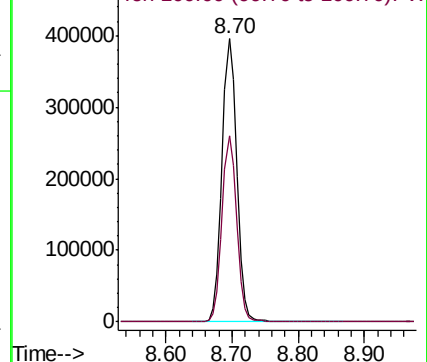
98 100

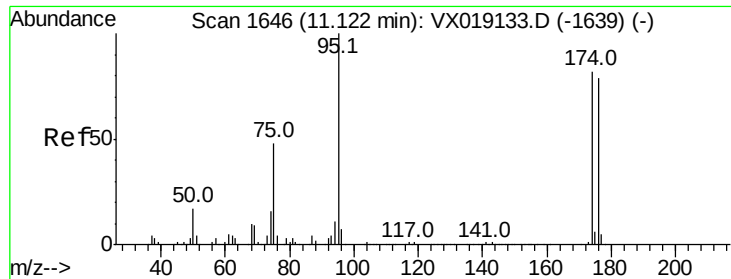
100 65.2 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 52.723 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019288.D

Acq: 04 Nov 2020 22:41

Instrument :

MSVOA\_X

ClientSampled :

LW-06

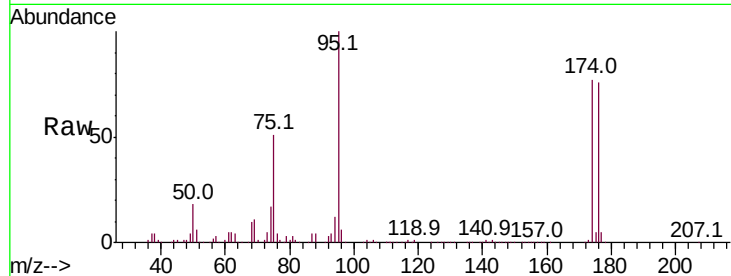
Tgt Ion: 95 Resp: 229237

Ion Ratio Lower Upper

95 100

174 75.5 0.0 156.0

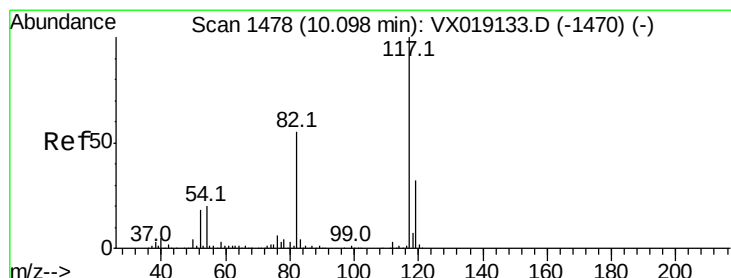
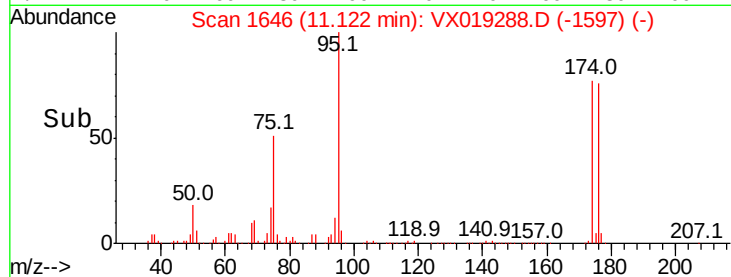
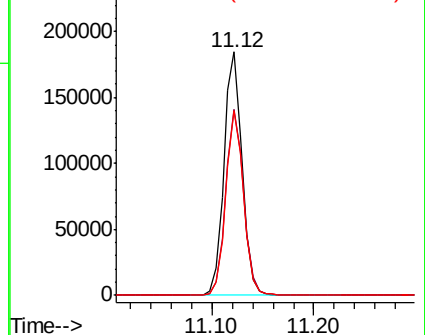
176 73.9 0.0 149.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX019288.D

Acq: 04 Nov 2020 22:41

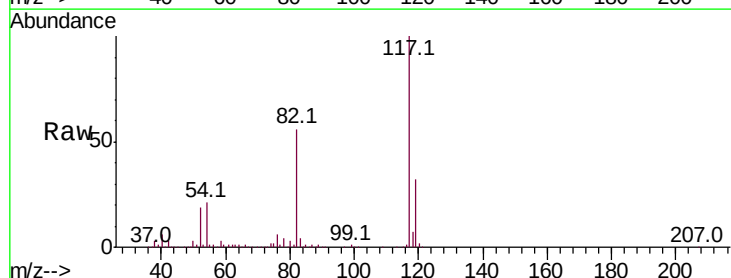
Tgt Ion: 117 Resp: 469626

Ion Ratio Lower Upper

117 100

82 55.9 43.6 65.4

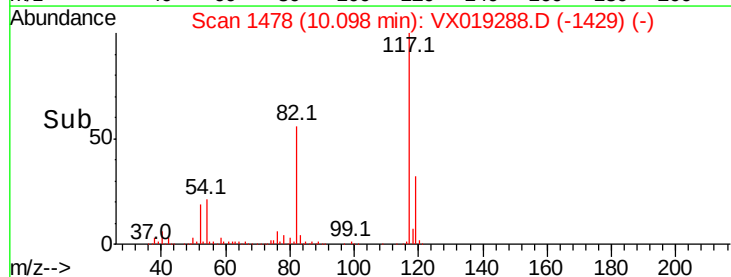
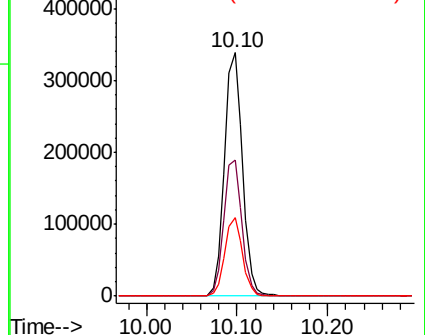
119 32.4 25.5 38.3



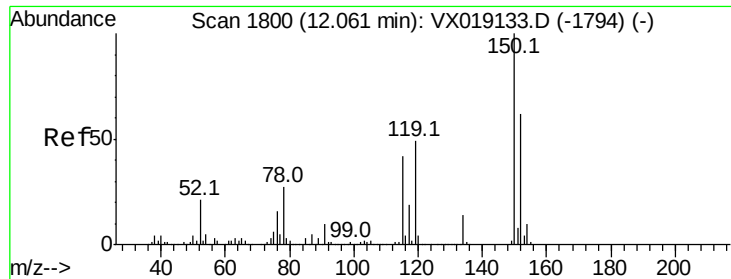
Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V







#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019288.D

Acq: 04 Nov 2020 22:41

Instrument :

MSVOA\_X

ClientSampleId :

LW-06

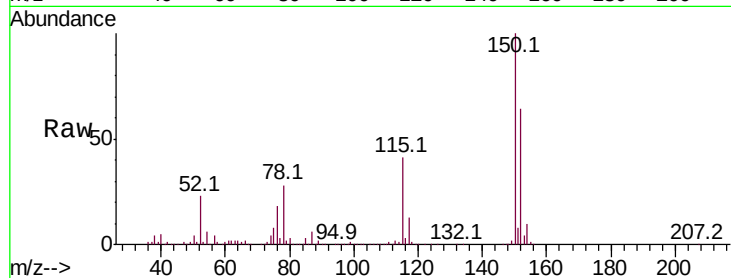
Tgt Ion:152 Resp: 231938

Ion Ratio Lower Upper

152 100

115 61.7 41.9 125.7

150 155.6 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

