

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110620\  
 Data File : VX019318.D  
 Acq On : 05 Nov 2020 16:48  
 Operator : JC/MD  
 Sample : PB132824ZHE#08  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB132824ZHE#08

Quant Time: Nov 06 02:07:45 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

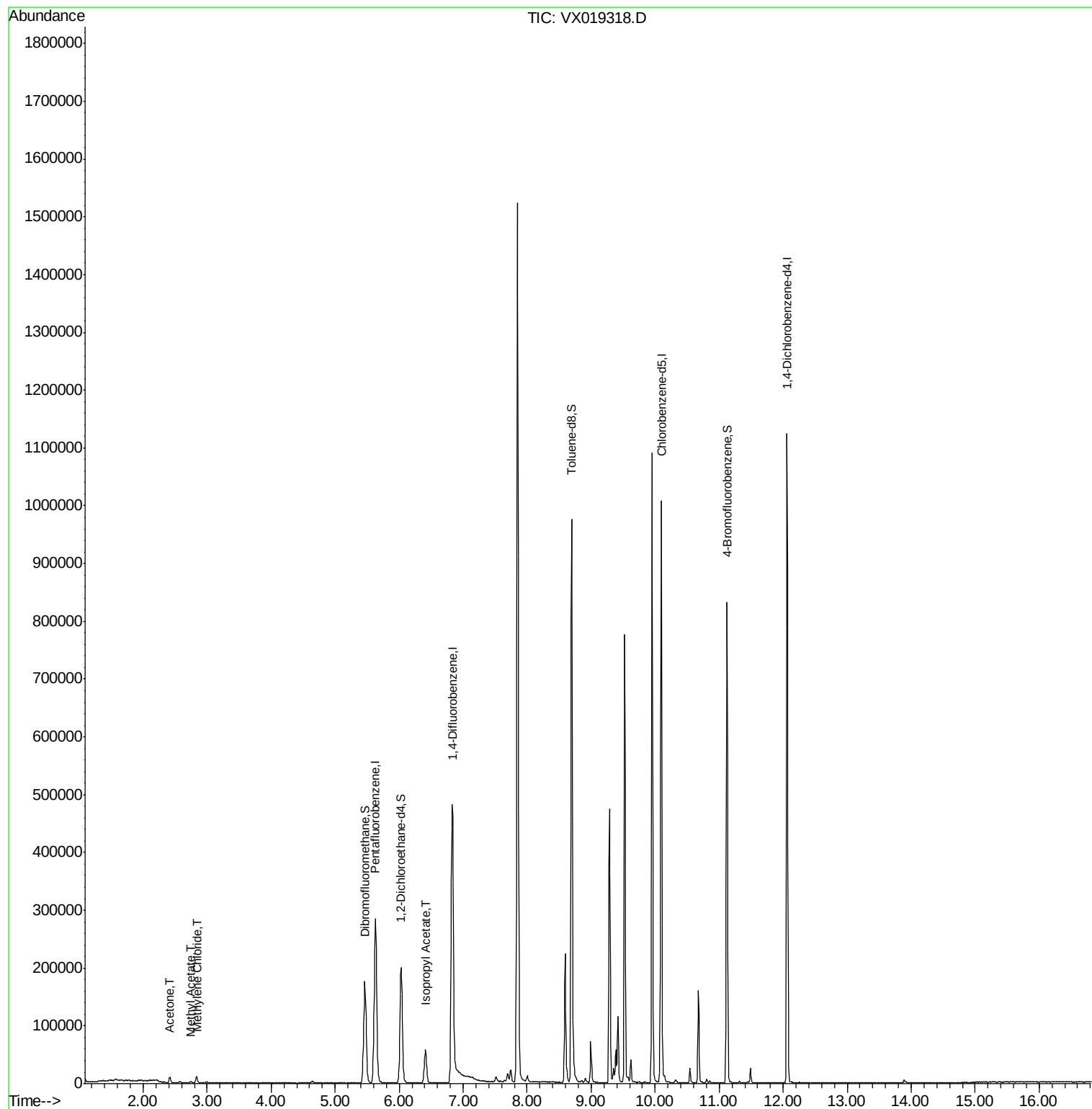
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 5.63  | 168  | 264766   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.83  | 114  | 470303   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.10 | 117  | 451352   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.06 | 152  | 222255   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 192087   | 56.26  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 112.52% |          |
| 35) Dibromofluoromethane    | 5.46  | 113  | 151317   | 51.22  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 102.44% |          |
| 50) Toluene-d8              | 8.70  | 98   | 586783   | 52.69  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 105.38% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 219151   | 51.96  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 103.92% |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 2.42  | 43   | 9756     | 8.282  | ug/l    | 99       |
| 18) Methyl Acetate          | 2.75  | 43   | 3263     | 1.139  | ug/l    | 94       |
| 20) Methylene Chloride      | 2.84  | 84   | 5347     | 1.808  | ug/l    | 96       |
| 43) Isopropyl Acetate       | 6.41  | 43   | 76920    | 11.393 | ug/l    | 99       |

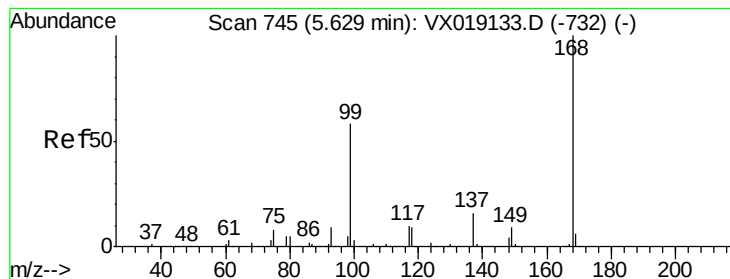
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
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: VX019318.D

Acq: 05 Nov 2020 16:48

Instrument :

MSVOA\_X

ClientSampleId :

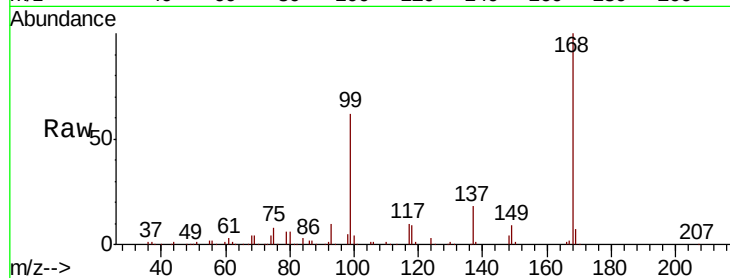
PB132824ZHE#08

Tot Ion:168 Resp: 264766

Ion Ratio Lower Upper

168 100

99 62.2 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

100000

80000

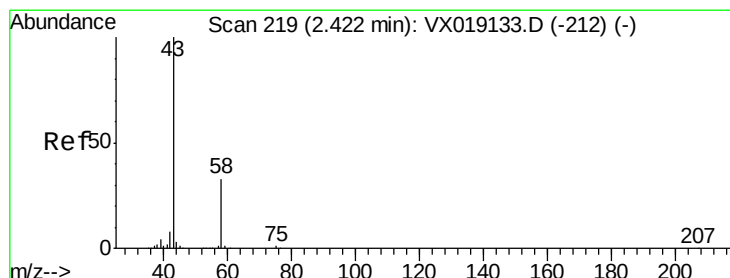
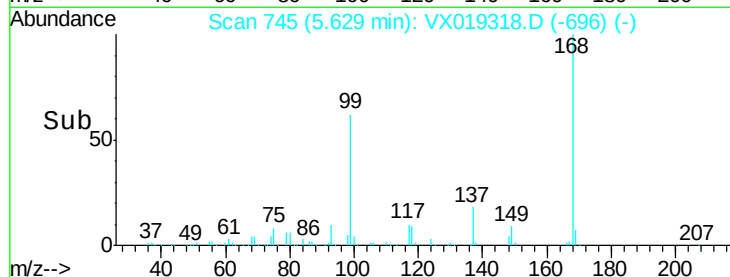
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 8.282 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019318.D

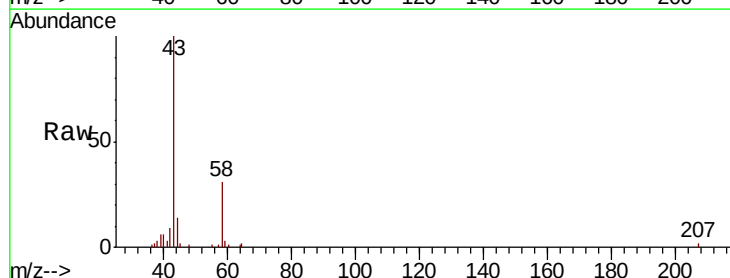
Acq: 05 Nov 2020 16:48

Tgt Ion: 43 Resp: 9756

Ion Ratio Lower Upper

43 100

58 32.1 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

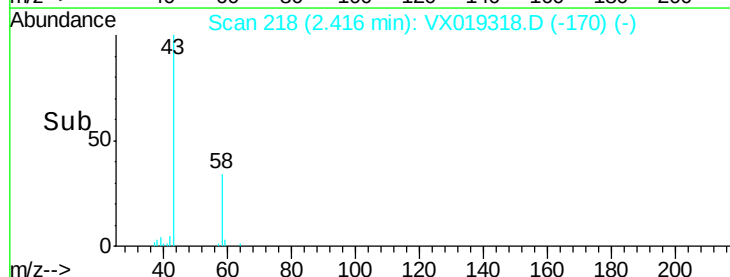
6000

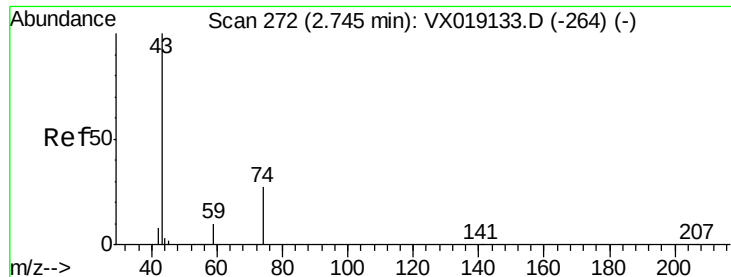
4000

2000

0

Time-->





#18

Methyl Acetate

Concen: 1.139 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX019318.D

Acq: 05 Nov 2020 16:48

Instrument :

MSVOA\_X

ClientSampleId :

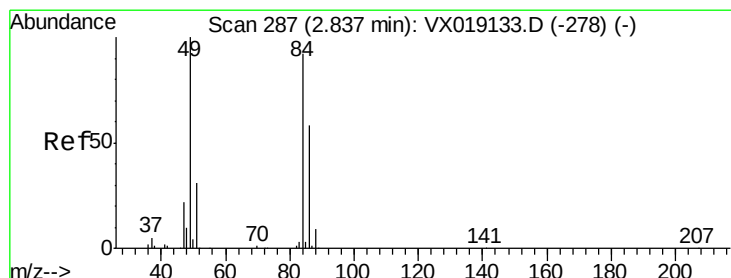
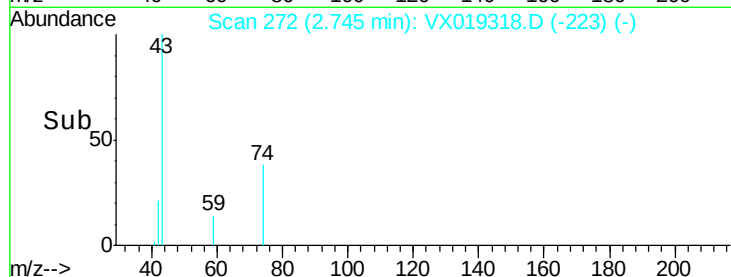
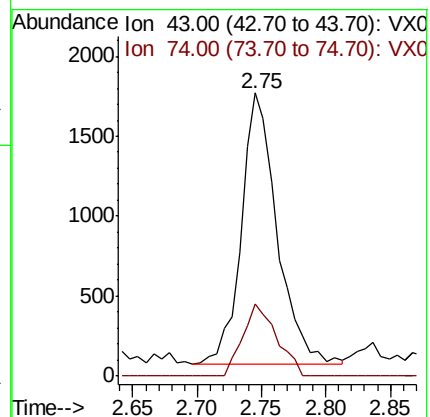
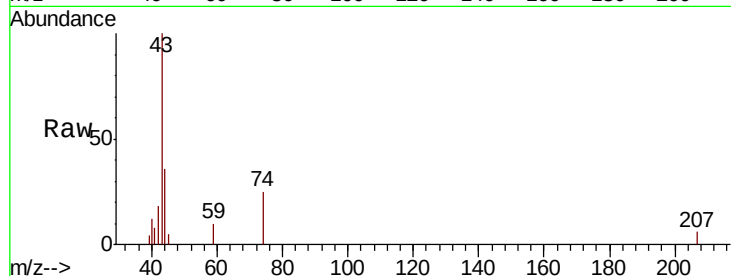
PB132824ZHE#08

Tot Ion: 43 Resp: 3263

Ion Ratio Lower Upper

43 100

74 25.3 22.6 33.8



#20

Methylene Chloride

Concen: 1.808 ug/l

RT: 2.84 min Scan# 287

Delta R.T. -0.00 min

Lab File: VX019318.D

Acq: 05 Nov 2020 16:48

Tgt Ion: 84 Resp: 5347

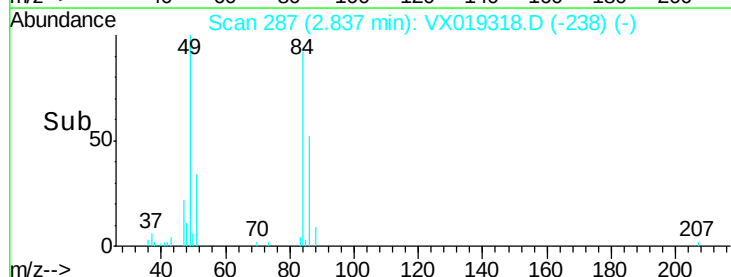
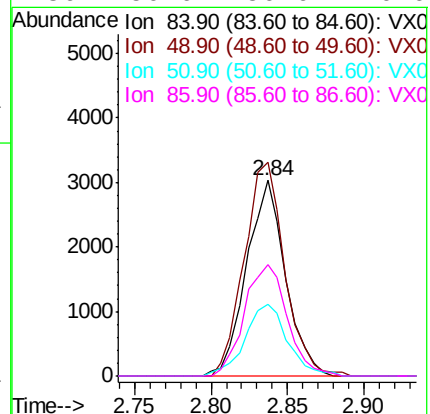
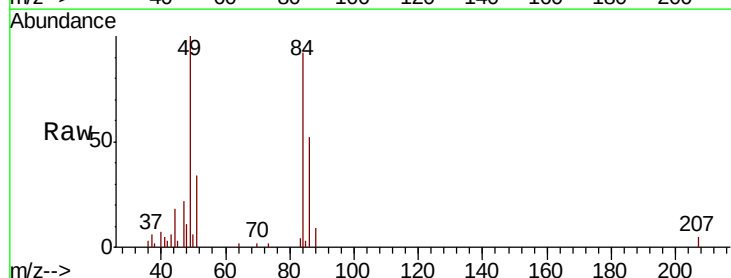
Ion Ratio Lower Upper

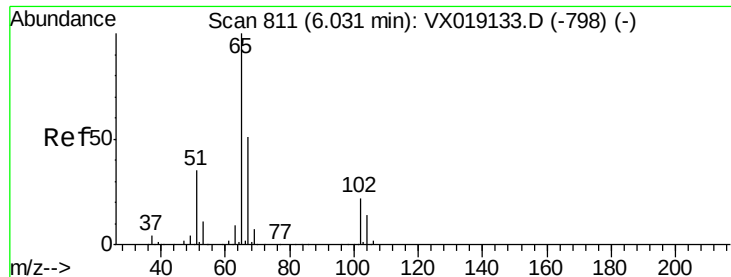
84 100

49 109.1 86.8 130.2

51 36.7 27.3 40.9

86 56.6 50.6 76.0

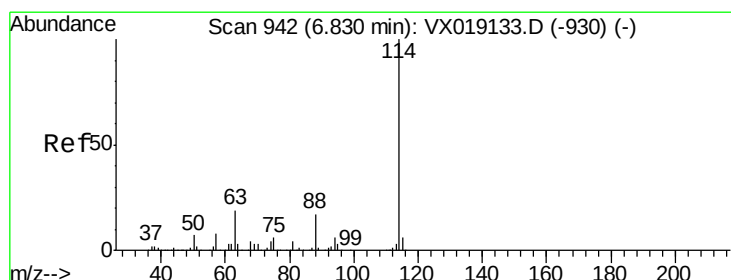
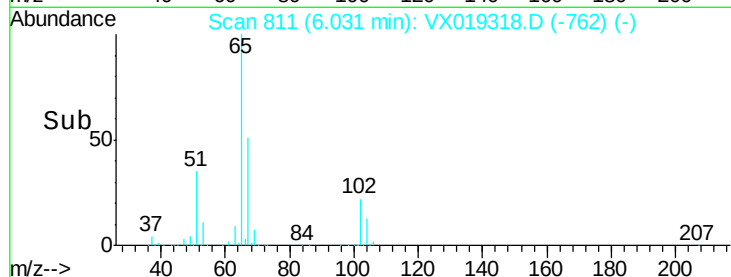
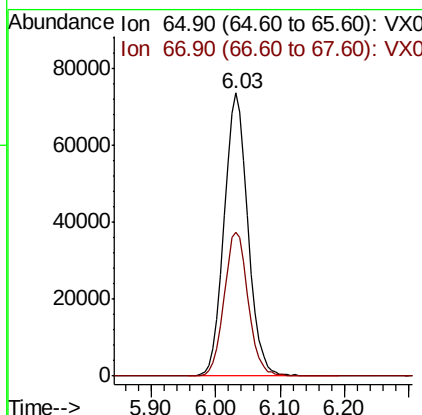
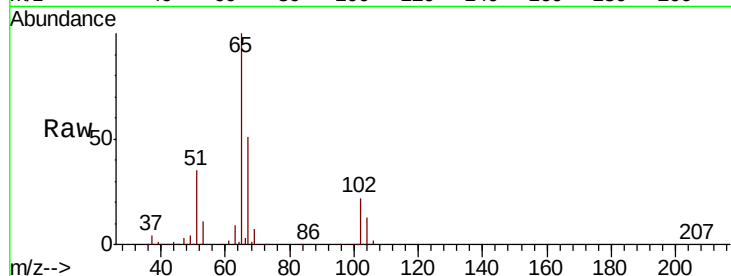




#33  
 1,2-Dichloroethane-d4  
 Concen: 56.257 ug/l  
 RT: 6.03 min Scan# 811  
 Delta R.T. -0.00 min  
 Lab File: VX019318.D  
 Acq: 05 Nov 2020 16:48

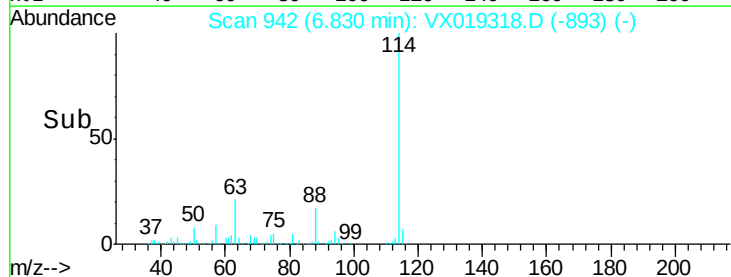
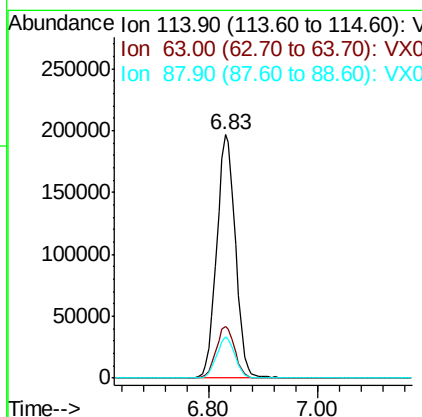
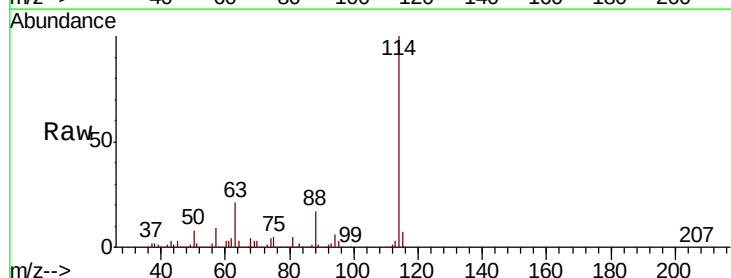
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB132824ZHE#08

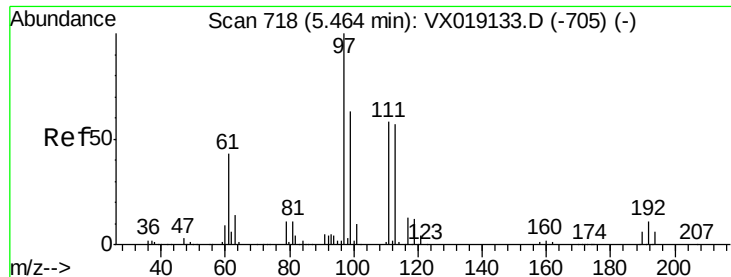
Tot Ion: 65 Resp: 192087  
 Ion Ratio Lower Upper  
 65 100  
 67 51.4 0.0 103.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.83 min Scan# 942  
 Delta R.T. -0.00 min  
 Lab File: VX019318.D  
 Acq: 05 Nov 2020 16:48

Tgt Ion: 114 Resp: 470303  
 Ion Ratio Lower Upper  
 114 100  
 63 21.4 0.0 38.8  
 88 16.8 0.0 34.2





#35

Dibromofluoromethane

Concen: 51.222 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019318.D

Acq: 05 Nov 2020 16:48

Instrument :

MSVOA\_X

ClientSampleId :

PB132824ZHE#08

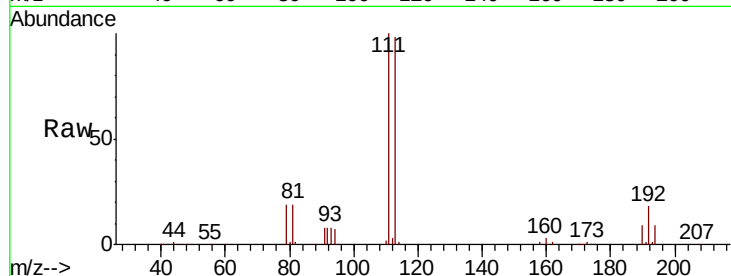
Tot Ion:113 Resp: 151317

Ion Ratio Lower Upper

113 100

111 102.9 82.3 123.5

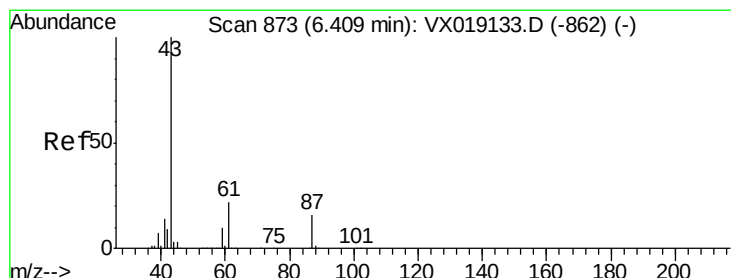
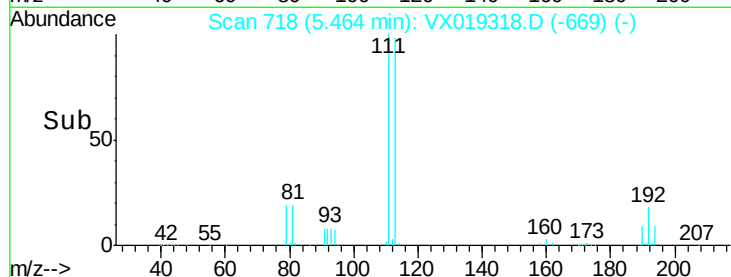
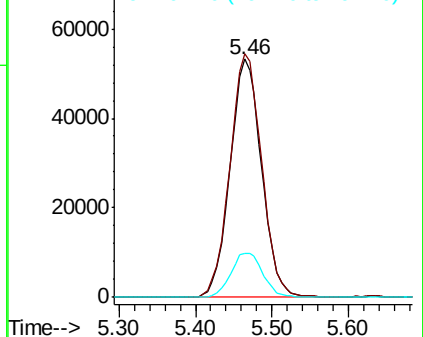
192 19.0 16.2 24.2



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



#43

Isopropyl Acetate

Concen: 11.393 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX019318.D

Acq: 05 Nov 2020 16:48

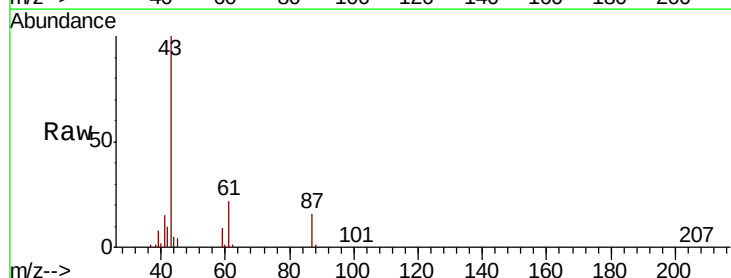
Tgt Ion: 43 Resp: 76920

Ion Ratio Lower Upper

43 100

61 22.0 17.8 26.6

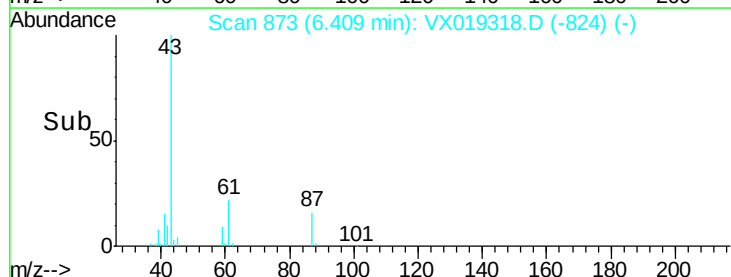
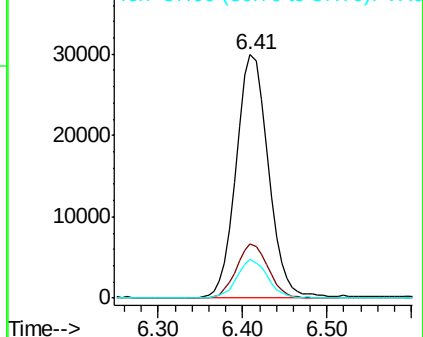
87 15.1 12.6 19.0

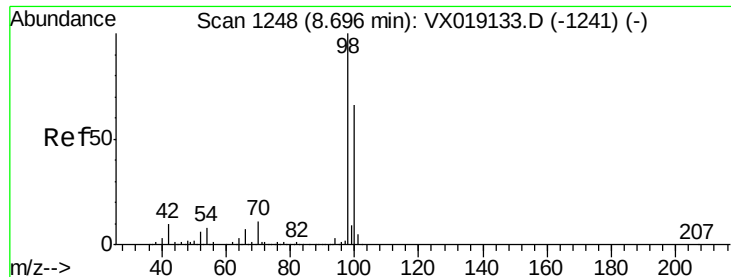


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 52.692 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019318.D

Acq: 05 Nov 2020 16:48

Instrument :

MSVOA\_X

ClientSampleId :

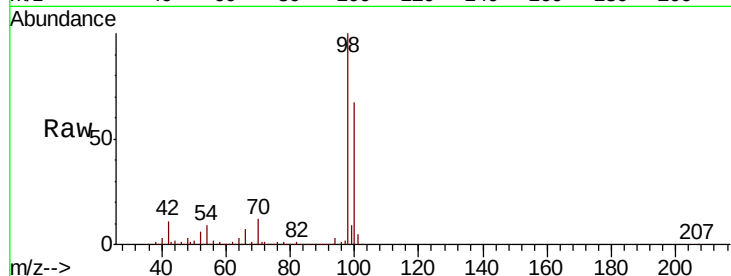
PB132824ZHE#08

Tot Ion: 98 Resp: 586783

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.70

400000

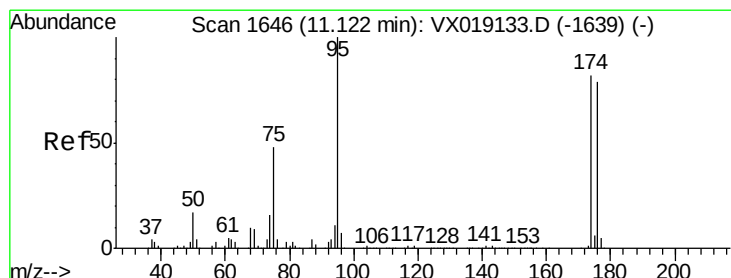
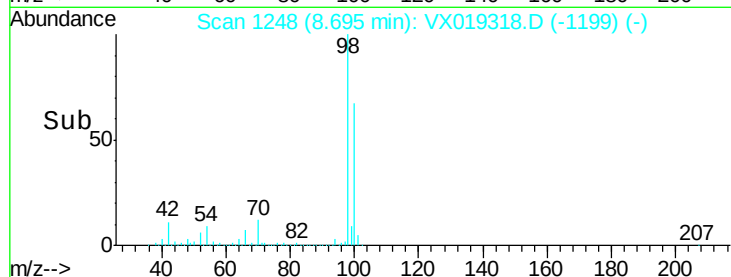
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.965 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019318.D

Acq: 05 Nov 2020 16:48

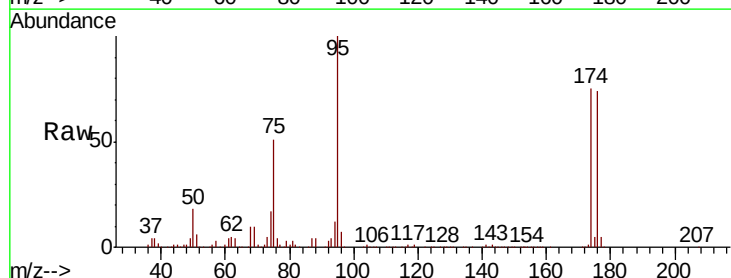
Tgt Ion: 95 Resp: 219151

Ion Ratio Lower Upper

95 100

174 74.4 0.0 156.0

176 73.4 0.0 149.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

200000

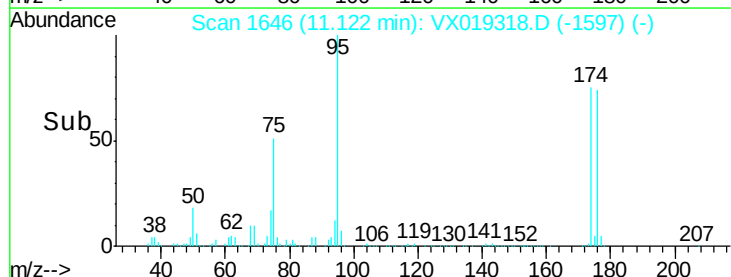
150000

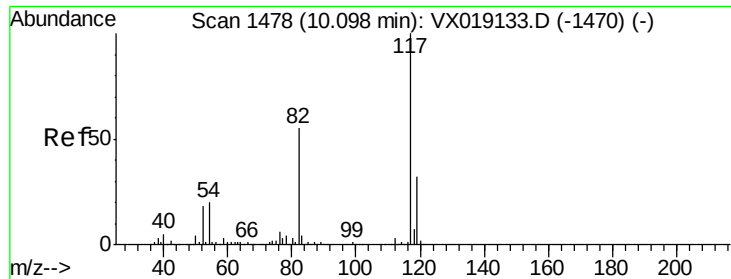
100000

50000

0

Time-->

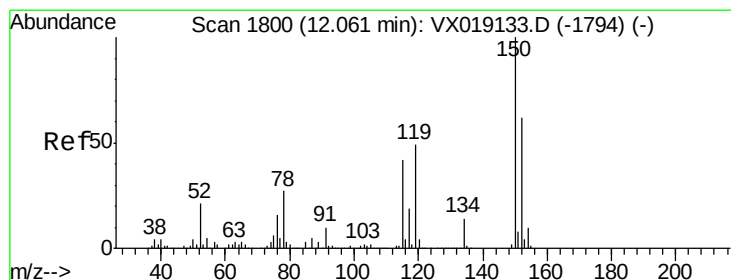
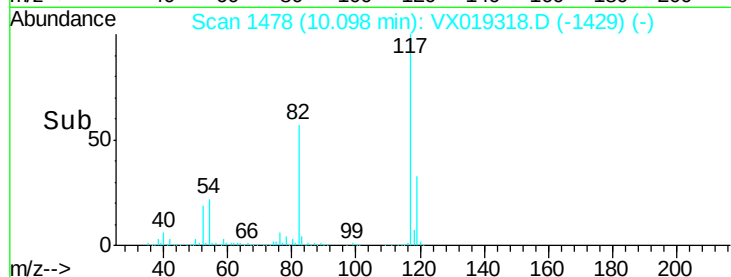
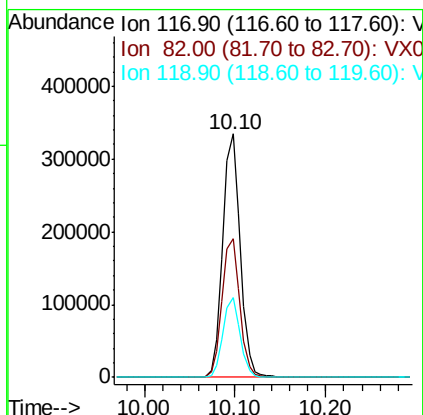
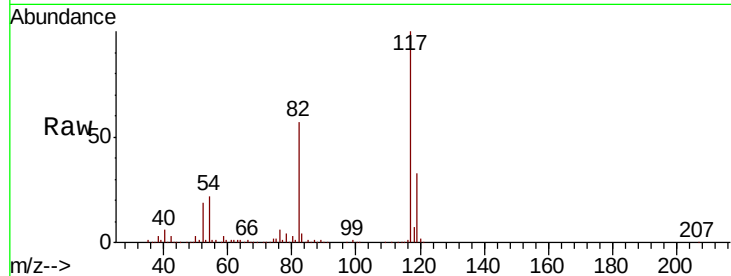




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX019318.D  
Acq: 05 Nov 2020 16:48

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB132824ZHE#08

Tot Ion:117 Resp: 451352  
Ion Ratio Lower Upper  
117 100  
82 56.7 43.6 65.4  
119 32.5 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: VX019318.D  
Acq: 05 Nov 2020 16:48

Tgt Ion:152 Resp: 222255  
Ion Ratio Lower Upper  
152 100  
115 60.3 41.9 125.7  
150 155.4 0.0 347.8

