

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\  
 Data File : VX017075.D  
 Acq On : 01 Jul 2020 03:46  
 Operator : JC/SP  
 Sample : PB129852ZHE#11  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB129852ZHE#11

Quant Time: Jul 01 08:23:39 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X062920W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 29 17:10:38 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 216071   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 376458   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 405448   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 206358   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.03   | 65  | 146627   | 55.05 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 110.10% |      |
| 35) Dibromofluoromethane  | 5.47   | 113 | 124256   | 52.18 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.36% |      |
| 50) Toluene-d8            | 8.70   | 98  | 474008   | 53.83 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 107.66% |      |
| 62) 4-Bromofluorobenzene  | 11.12  | 95  | 195765   | 56.87 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 113.74% |      |

## Target Compounds

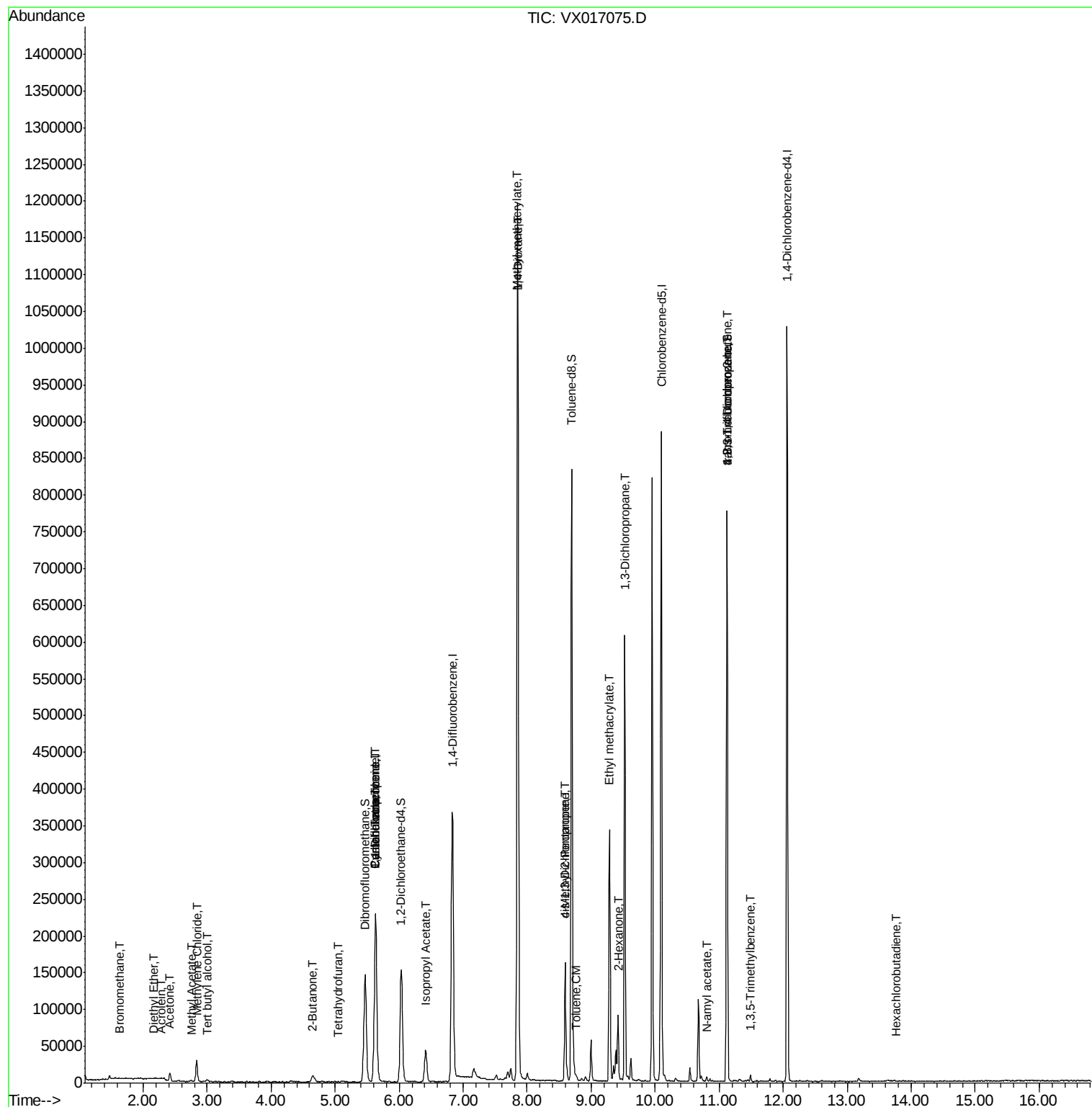
|                                |       |     |        |           |        | Qvalue |
|--------------------------------|-------|-----|--------|-----------|--------|--------|
| 5) Bromomethane                | 1.64  | 94  | 253    | 0.204     | ug/l # | 45     |
| 8) Diethyl Ether               | 2.17  | 74  | 232    | 0.563     | ug/l # | 34     |
| 11) Tert butyl alcohol         | 3.00  | 59  | 1943   | 3.824     | ug/l   | 100    |
| 13) Acrolein                   | 2.28  | 56  | 305    | 1.004     | ug/l # | 50     |
| 16) Acetone                    | 2.42  | 43  | 11067  | 11.106    | ug/l   | 97     |
| 18) Methyl Acetate             | 2.75  | 43  | 2613   | 1.004     | ug/l   | 98     |
| 20) Methylene Chloride         | 2.84  | 84  | 13129  | 5.041     | ug/l # | 94     |
| 25) 2-Butanone                 | 4.65  | 43  | 5953   | 3.585     | ug/l   | 94     |
| 29) Tetrahydrofuran            | 5.05  | 42  | 244    | 0.222     | ug/l # | 48     |
| 31) Cyclohexane                | 5.64  | 56  | 4484   | 1.247     | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 5.63  | 75  | 15017  | 4.221     | ug/l # | 51     |
| 38) Carbon Tetrachloride       | 5.63  | 117 | 21324  | 5.441     | ug/l # | 17     |
| 43) Isopropyl Acetate          | 6.41  | 43  | 59331  | 9.891     | ug/l   | 100    |
| 44) Trichloroethene            | 7.18  | 130 | 247    | Below Cal |        | 91     |
| 48) Methyl methacrylate        | 7.85  | 41  | 104005 | 36.494    | ug/l # | 43     |
| 49) 1,4-Dioxane                | 7.86  | 88  | 263    | 4.073     | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone       | 8.59  | 43  | 58285  | 16.300    | ug/l # | 52     |
| 52) Toluene                    | 8.77  | 92  | 1413   | 0.216     | ug/l   | 100    |
| 54) cis-1,3-Dichloropropene    | 8.59  | 75  | 25805  | 5.775     | ug/l # | 60     |
| 56) Ethyl methacrylate         | 9.29  | 69  | 1394   | 0.367     | ug/l # | 1      |
| 57) 1,3-Dichloropropane        | 9.52  | 76  | 5048   | 1.119     | ug/l # | 42     |
| 59) 2-Hexanone                 | 9.42  | 43  | 56946  | 21.805    | ug/l # | 23     |
| 74) N-ethyl acetate            | 10.80 | 43  | 3077   | 0.534     | ug/l # | 53     |
| 76) 1,2,3-Trichloropropane     | 11.12 | 75  | 97158  | 23.943    | ug/l # | 37     |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105 | 3355   | 0.299     | ug/l   | 97     |
| 81) trans-1,4-Dichloro-2-buten | 11.12 | 75  | 97158  | 62.003    | ug/l # | 13     |
| 88) 1,4-Dichlorobenzene        | 12.01 | 146 | 352    | Below Cal |        | 92     |
| 94) Hexachlorobutadiene        | 13.76 | 225 | 40     | 0.868     | ug/l # | 1      |

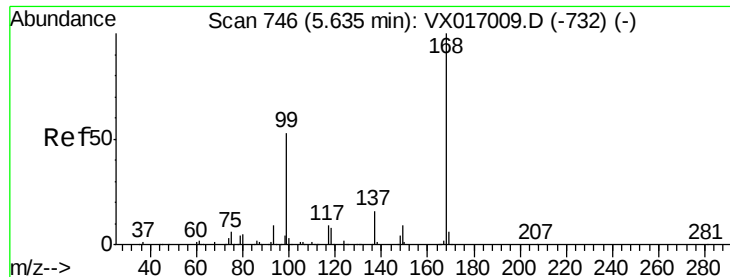
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX063020\  
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Sample : PB129852ZHE#11  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 48 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB129852ZHE#11

Quant Time: Jul 01 08:23:39 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X062920W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jun 29 17:10:38 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017075.D

Acq: 01 Jul 2020 03:46

Instrument :

MSVOA\_X

ClientSampleId :

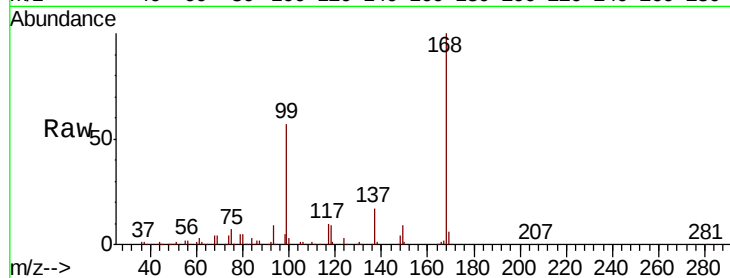
PB129852ZHE#11

Tot Ion:168 Resp: 216071

Ion Ratio Lower Upper

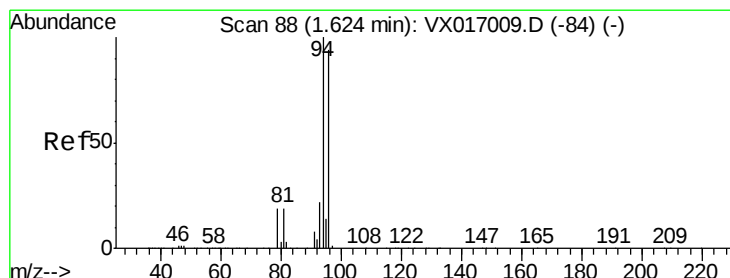
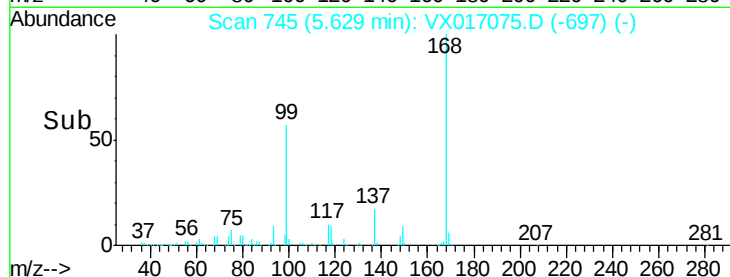
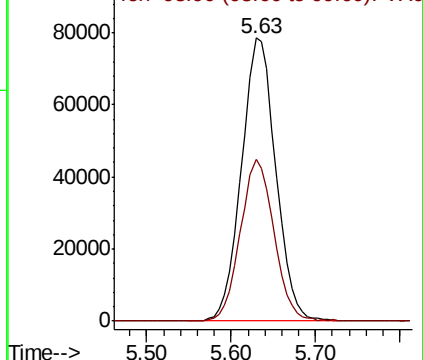
168 100

99 57.3 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.204 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX017075.D

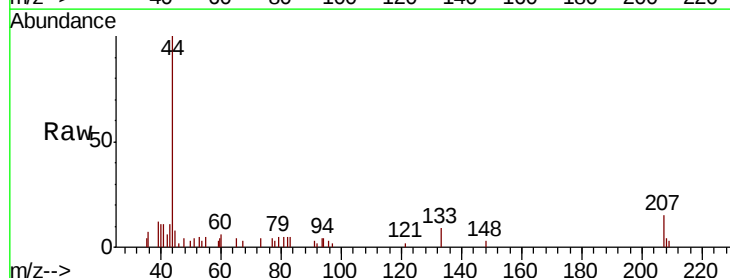
Acq: 01 Jul 2020 03:46

Tgt Ion: 94 Resp: 253

Ion Ratio Lower Upper

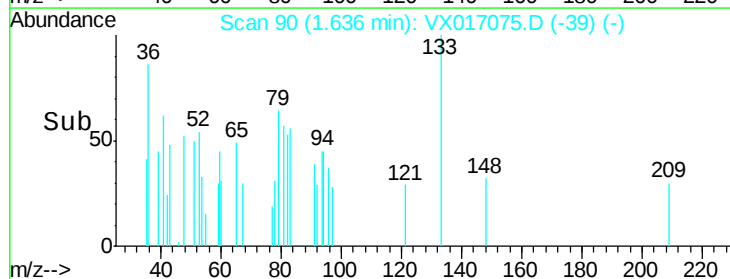
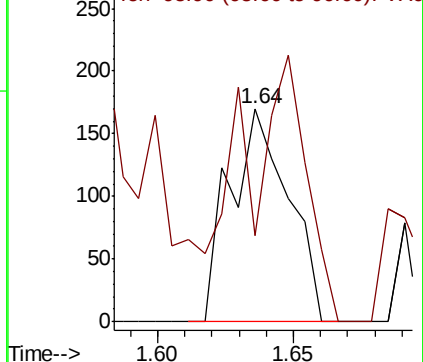
94 100

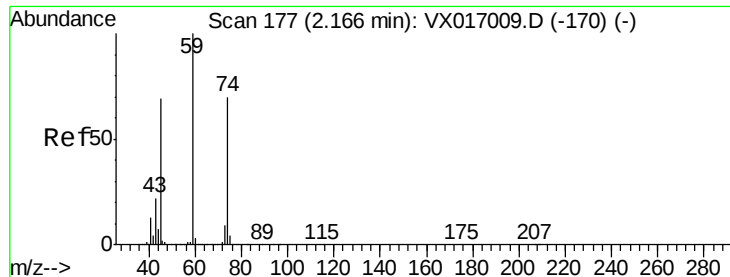
96 40.6 75.0 112.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#8

Diethyl Ether

Concen: 0.563 ug/l

RT: 2.17 min Scan# 177

Delta R.T. 0.00 min

Lab File: VX017075.D

Acq: 01 Jul 2020 03:46

Instrument :

MSVOA\_X

ClientSampleId :

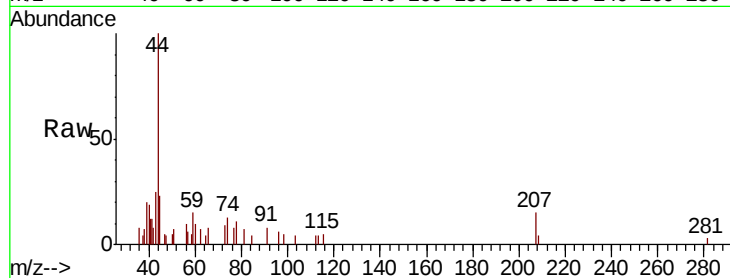
PB129852ZHE#11

Tot Ion: 74 Resp: 232

Ion Ratio Lower Upper

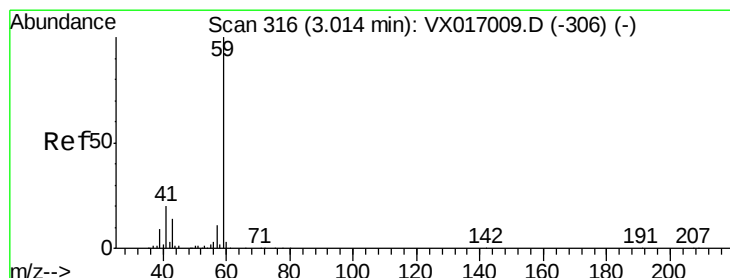
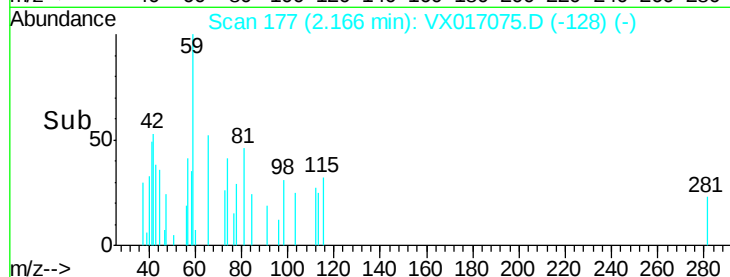
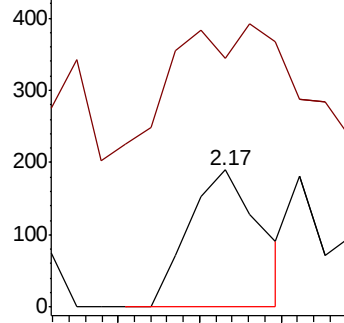
74 100

45 165.1 49.8 149.3#



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#11

Tert butyl alcohol

Concen: 3.824 ug/l

RT: 3.00 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX017075.D

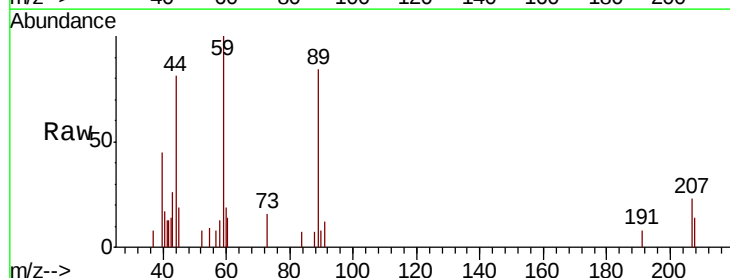
Acq: 01 Jul 2020 03:46

Tgt Ion: 59 Resp: 1943

Ion Ratio Lower Upper

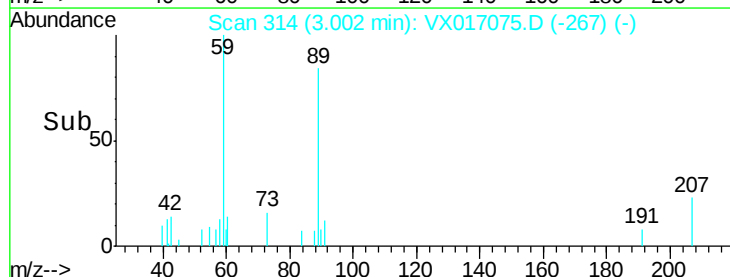
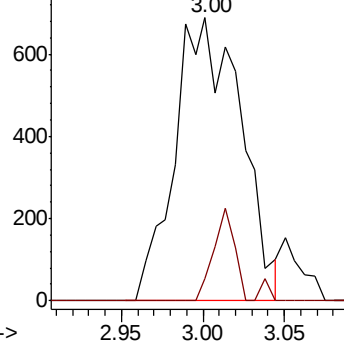
59 100

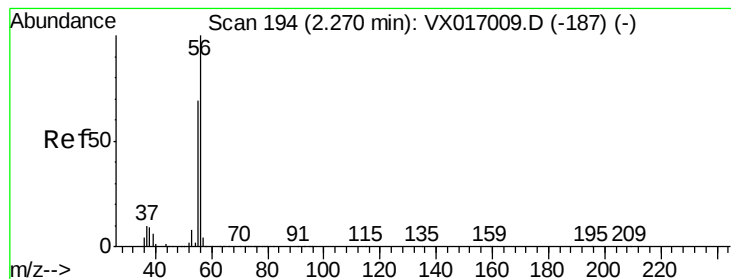
57 10.2 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 1.004 ug/l

RT: 2.28 min Scan# 196

Delta R.T. 0.01 min

Lab File: VX017075.D

Acq: 01 Jul 2020 03:46

Instrument :

MSVOA\_X

ClientSampleId :

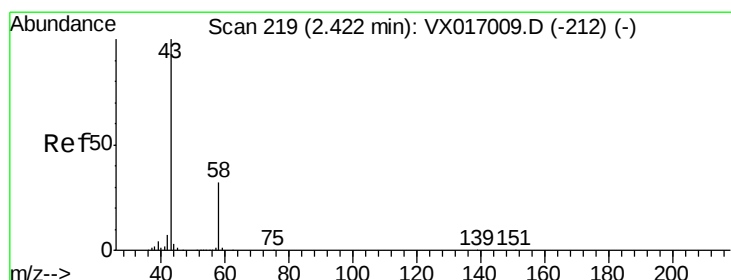
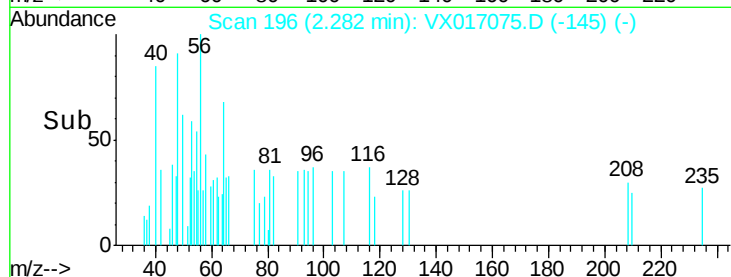
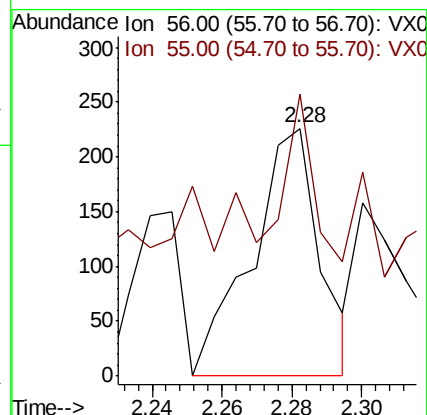
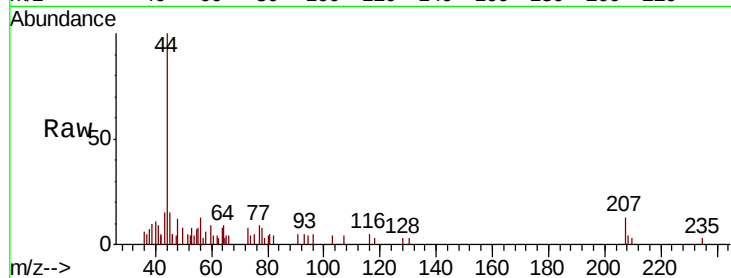
PB129852ZHE#11

Tot Ion: 56 Resp: 305

Ion Ratio Lower Upper

56 100

55 28.5 55.7 83.5#



#16

Acetone

Concen: 11.106 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017075.D

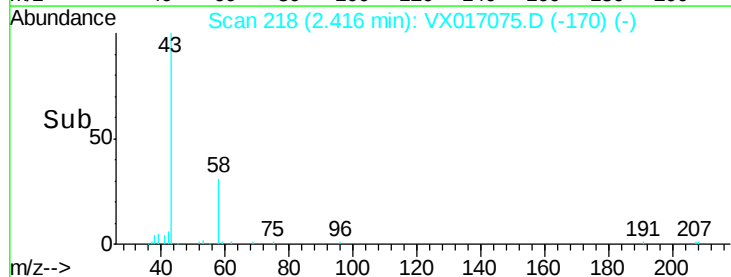
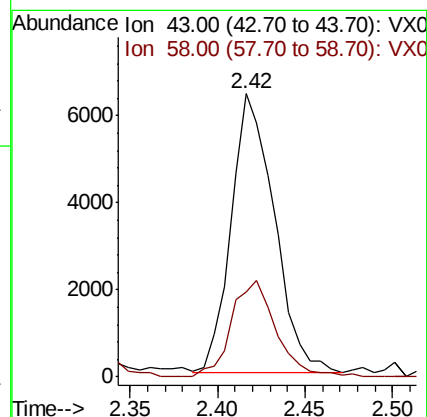
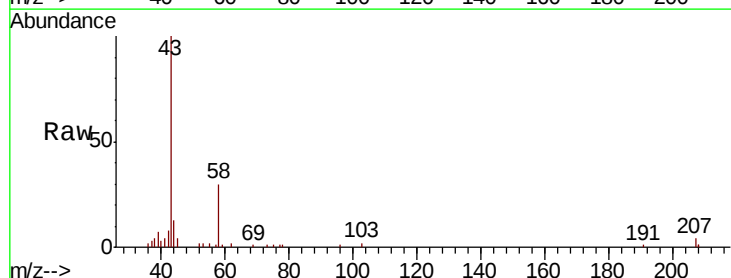
Acq: 01 Jul 2020 03:46

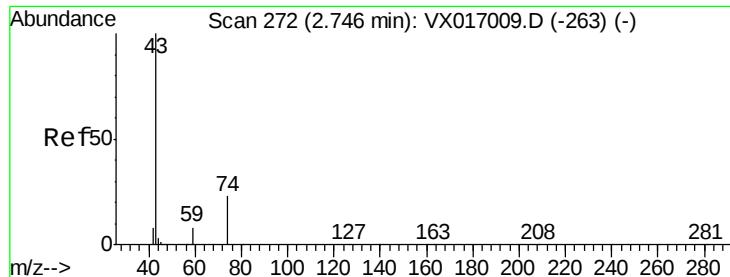
Tgt Ion: 43 Resp: 11067

Ion Ratio Lower Upper

43 100

58 30.2 25.7 38.5

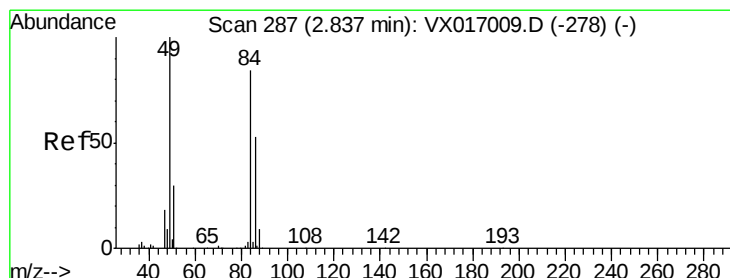
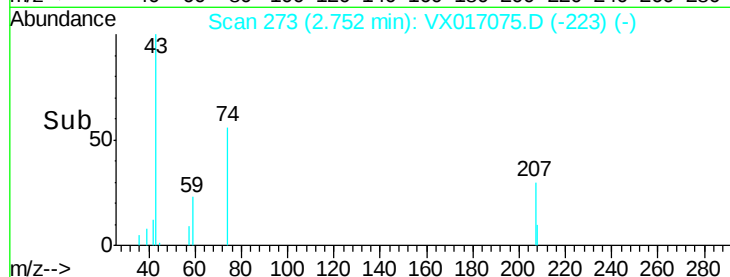
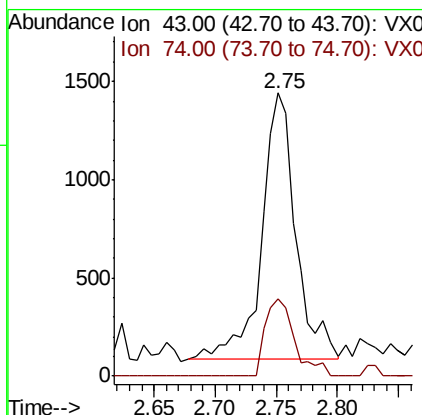
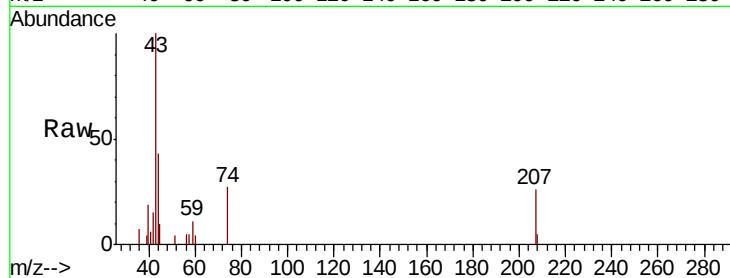




#18  
Methyl Acetate  
Concen: 1.004 ug/l  
RT: 2.75 min Scan# 273  
Delta R.T. 0.01 min  
Lab File: VX017075.D  
Acq: 01 Jul 2020 03:46

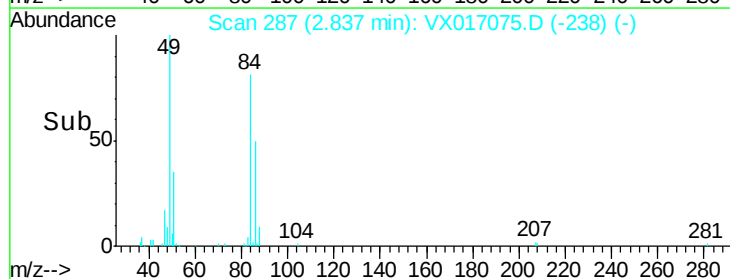
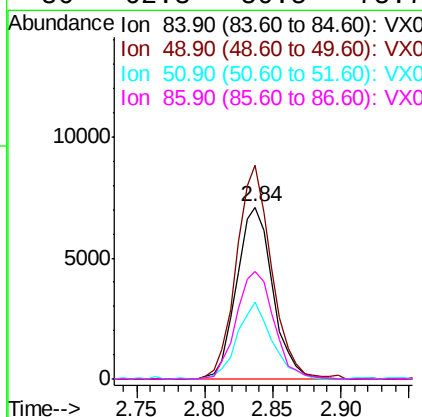
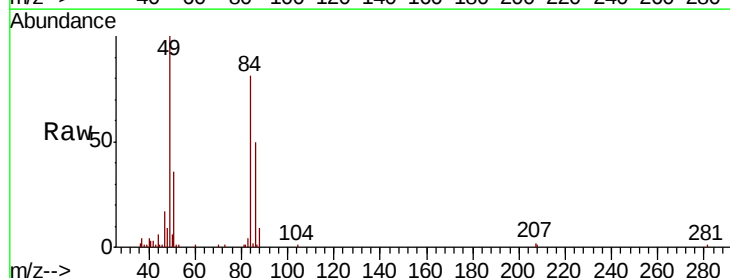
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB129852ZHE#11

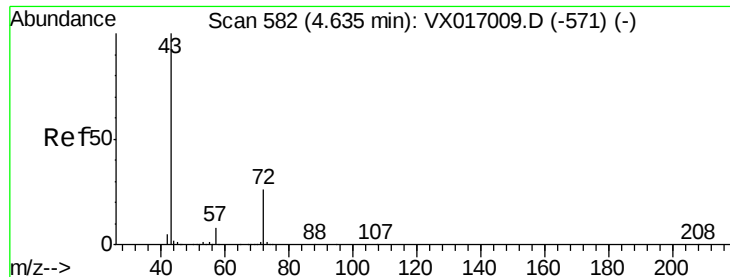
Tot Ion: 43 Resp: 2613  
Ion Ratio Lower Upper  
43 100  
74 25.2 19.3 28.9



#20  
Methylene Chloride  
Concen: 5.041 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. 0.00 min  
Lab File: VX017075.D  
Acq: 01 Jul 2020 03:46

Tgt Ion: 84 Resp: 13129  
Ion Ratio Lower Upper  
84 100  
49 124.1 94.7 142.1  
51 44.3 28.6 42.8#  
86 62.3 50.5 75.7





#25

2-Butanone

Concen: 3.585 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX017075.D

Acq: 01 Jul 2020 03:46

Instrument :

MSVOA\_X

ClientSampleId :

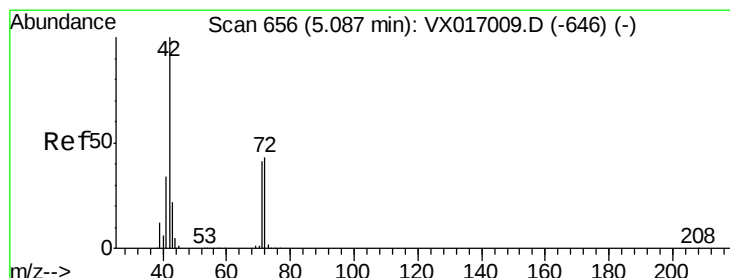
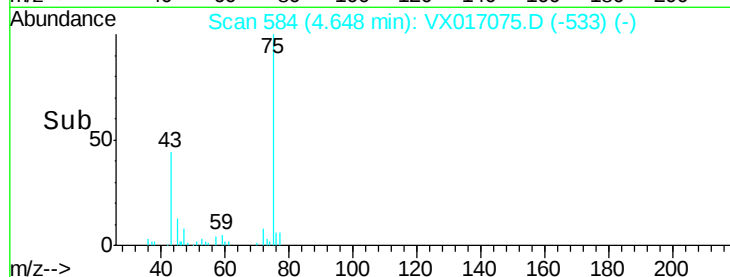
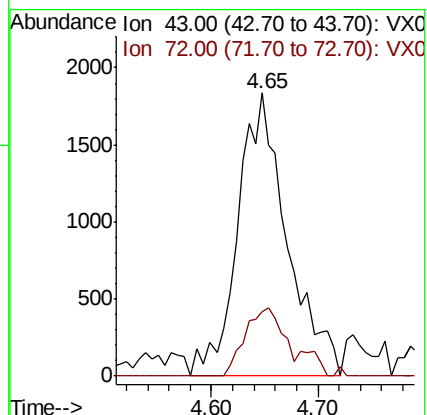
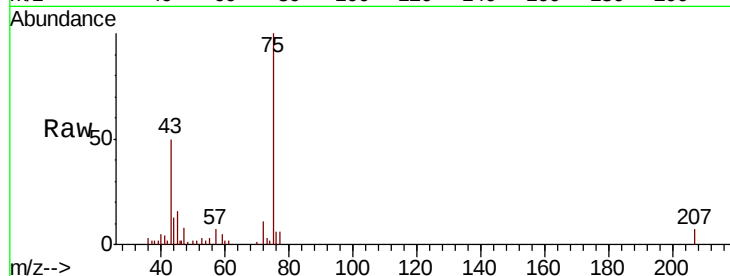
PB129852ZHE#11

Tot Ion: 43 Resp: 5953

Ion Ratio Lower Upper

43 100

72 22.8 20.8 31.2



#29

Tetrahydrofuran

Concen: 0.222 ug/l

RT: 5.05 min Scan# 650

Delta R.T. -0.04 min

Lab File: VX017075.D

Acq: 01 Jul 2020 03:46

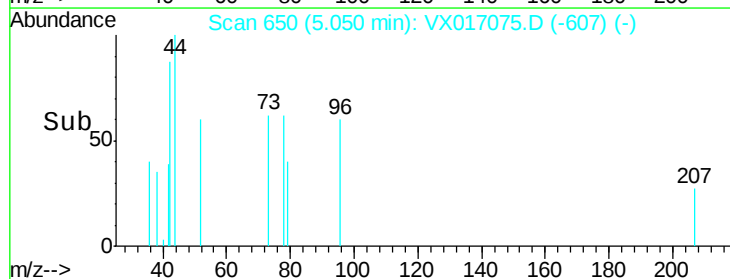
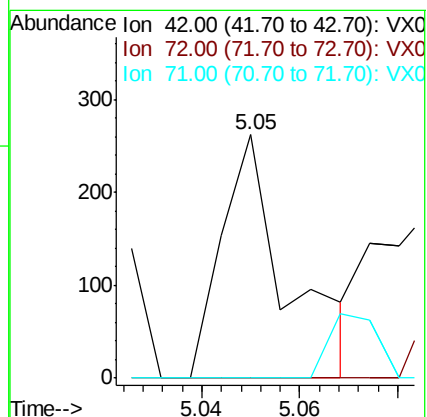
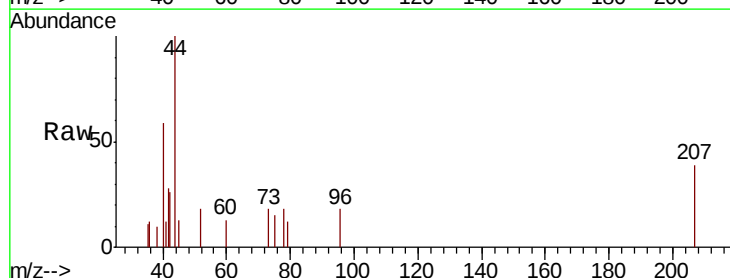
Tgt Ion: 42 Resp: 244

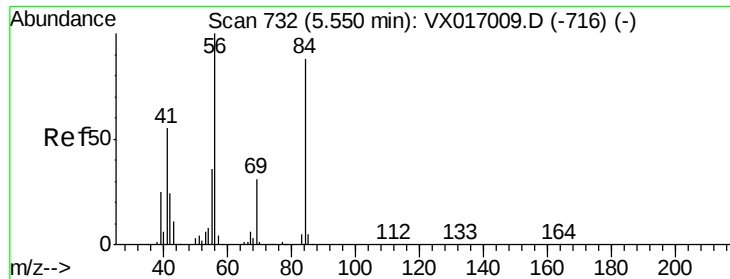
Ion Ratio Lower Upper

42 100

72 0.0 35.3 52.9#

71 19.7 33.1 49.7#

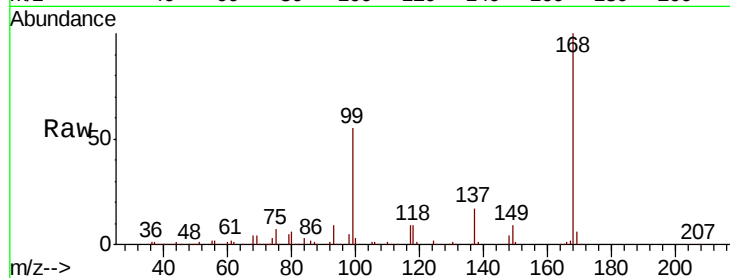




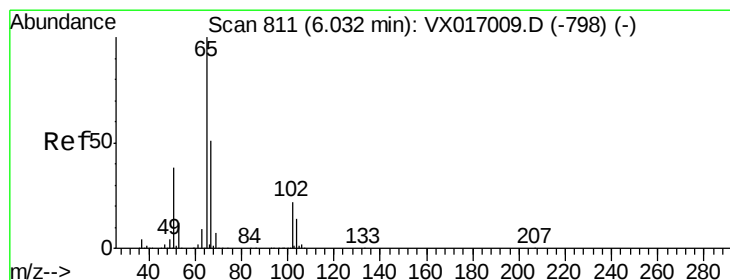
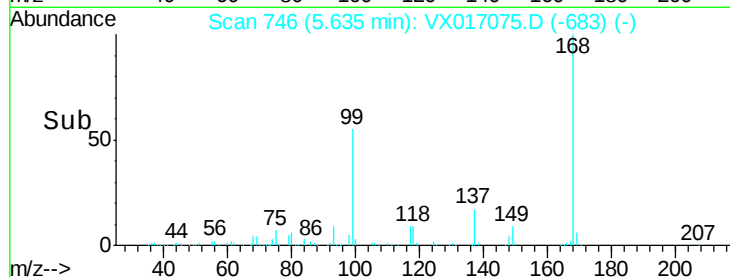
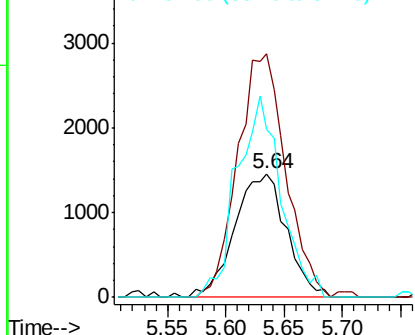
#31  
Cvclohexane  
Concen: 1.247 ug/l  
RT: 5.64 min Scan# 746  
Delta R.T. 0.09 min  
Lab File: VX017075.D  
Acq: 01 Jul 2020 03:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB129852ZHE#11

Tot Ion: 56 Resp: 4484  
Ion Ratio Lower Upper  
56 100  
69 197.4 25.0 37.4#  
84 136.4 69.1 103.7#

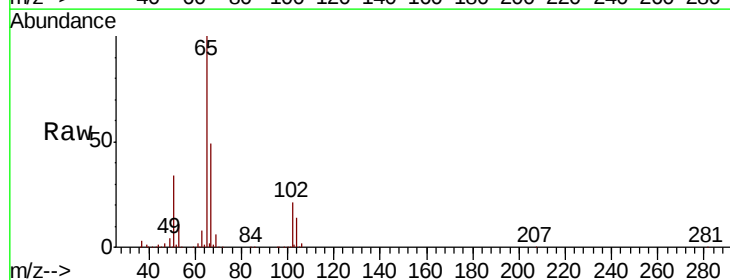


Abundance Ion 56.00 (55.70 to 56.70): VX0  
Ion 69.00 (68.70 to 69.70): VX0  
Ion 84.00 (83.70 to 84.70): VX0

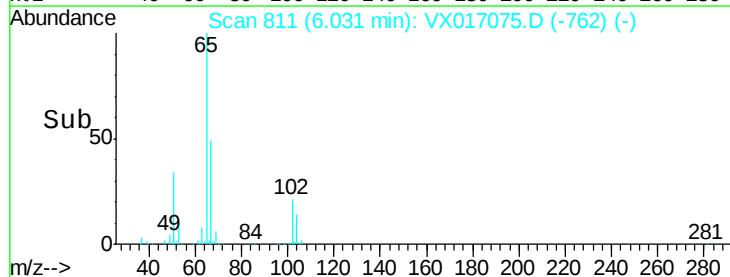
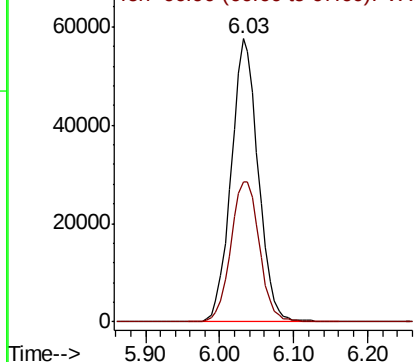


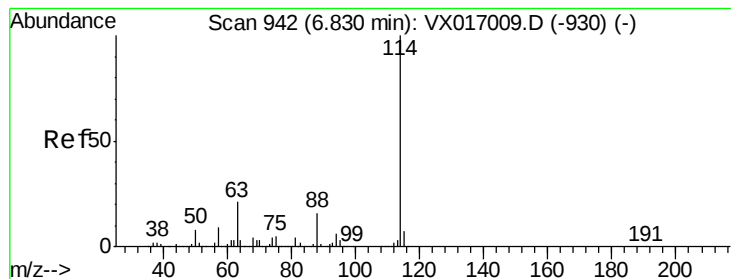
#33  
1,2-Dichloroethane-d4  
Concen: 55.046 ug/l  
RT: 6.03 min Scan# 811  
Delta R.T. -0.00 min  
Lab File: VX017075.D  
Acq: 01 Jul 2020 03:46

Tgt Ion: 65 Resp: 146627  
Ion Ratio Lower Upper  
65 100  
67 52.4 0.0 103.8



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: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017075.D

Acq: 01 Jul 2020 03:46

Instrument :

MSVOA\_X

ClientSampleId :

PB129852ZHE#11

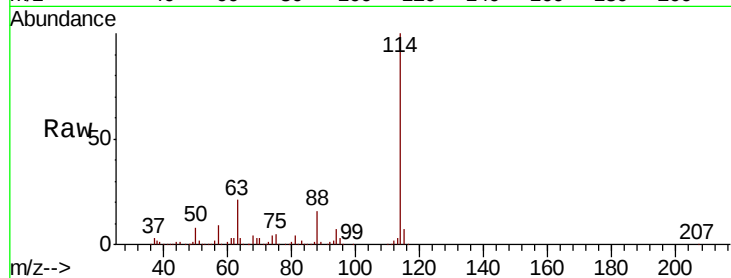
Tot Ion:114 Resp: 376458

Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.4

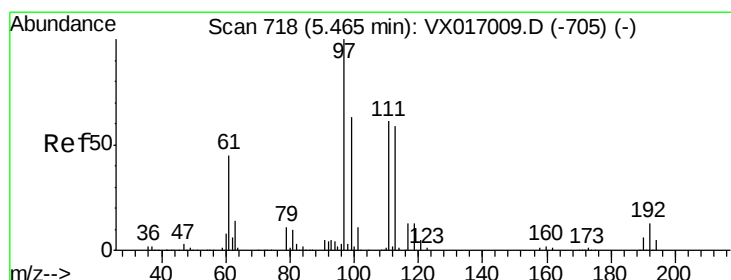
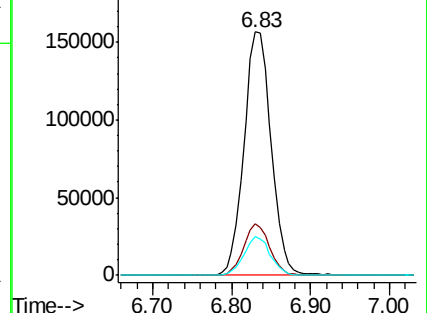
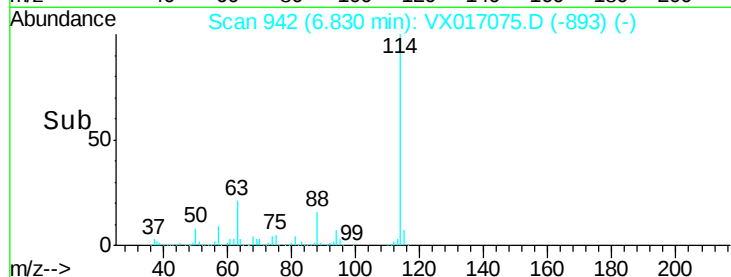
88 15.9 0.0 32.4



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: 52.179 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017075.D

Acq: 01 Jul 2020 03:46

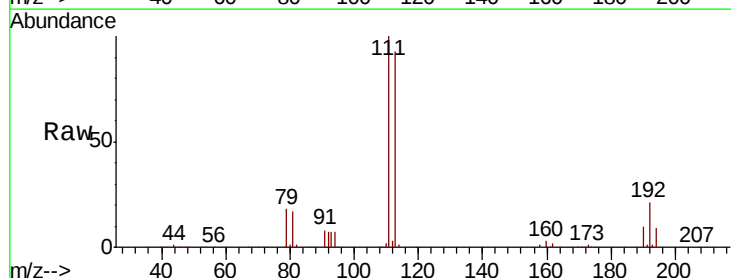
Tgt Ion:113 Resp: 124256

Ion Ratio Lower Upper

113 100

111 104.5 81.9 122.9

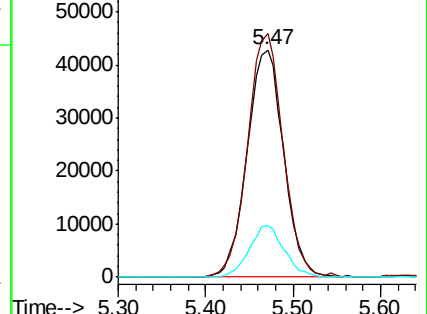
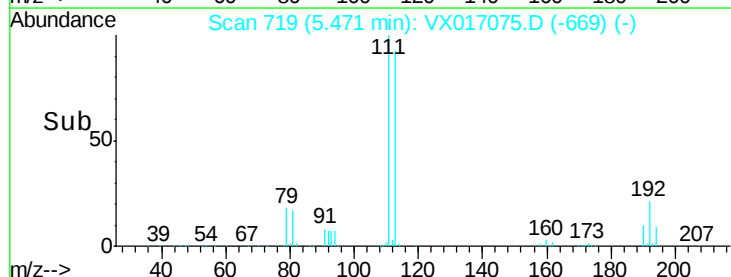
192 21.7 16.7 25.1

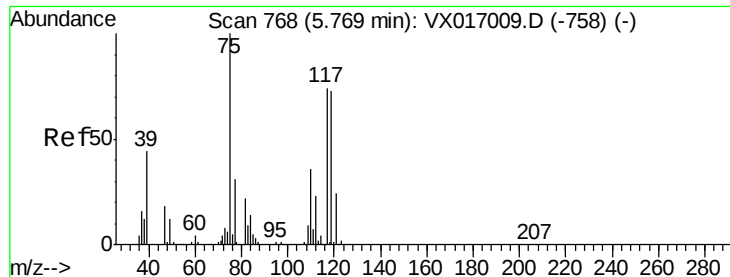


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.221 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX017075.D

Acq: 01 Jul 2020 03:46

Instrument :

MSVOA\_X

ClientSampleId :

PB129852ZHE#11

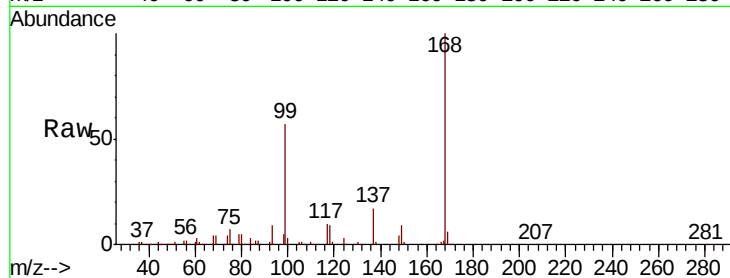
Tot Ion: 75 Resp: 15017

Ion Ratio Lower Upper

75 100

110 10.5 18.1 54.1#

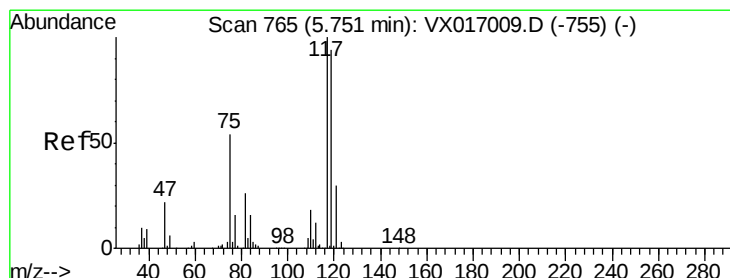
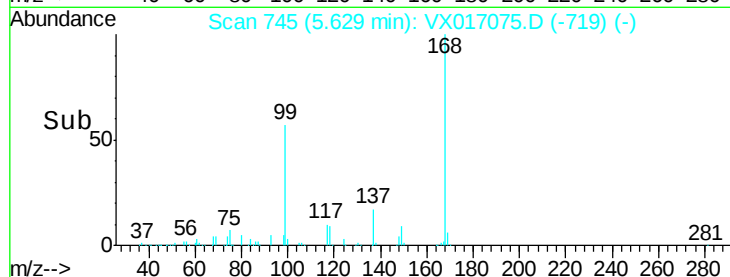
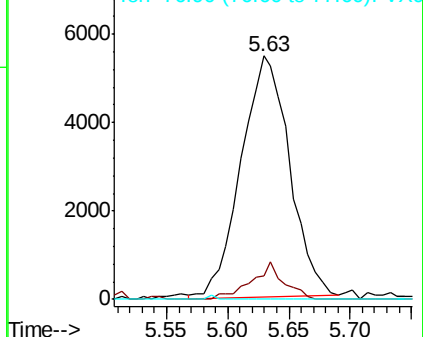
77 0.0 24.6 37.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 5.441 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.12 min

Lab File: VX017075.D

Acq: 01 Jul 2020 03:46

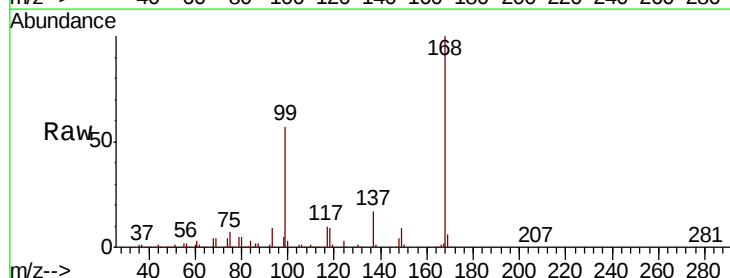
Tgt Ion:117 Resp: 21324

Ion Ratio Lower Upper

117 100

119 5.8 75.4 113.0#

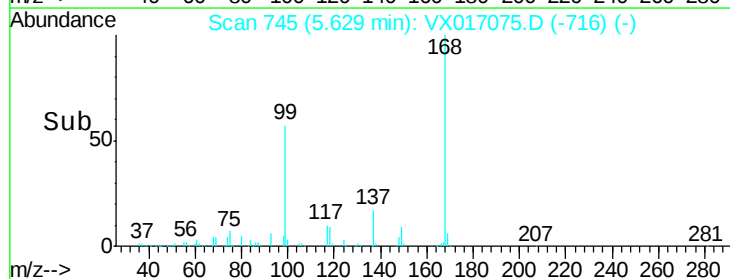
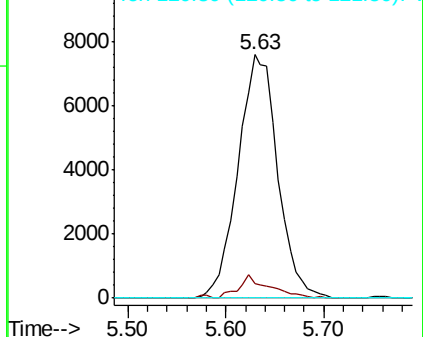
121 0.0 23.8 35.6#

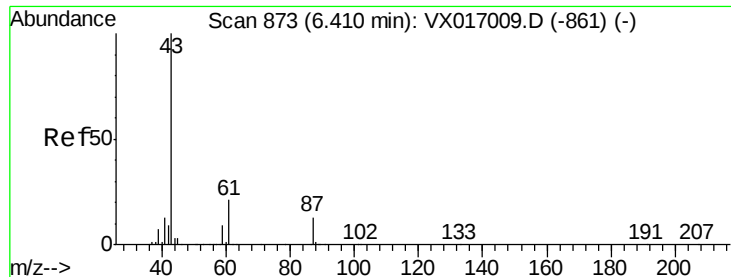


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 9.891 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX017075.D

Acq: 01 Jul 2020 03:46

Instrument :

MSVOA\_X

ClientSampleId :

PB129852ZHE#11

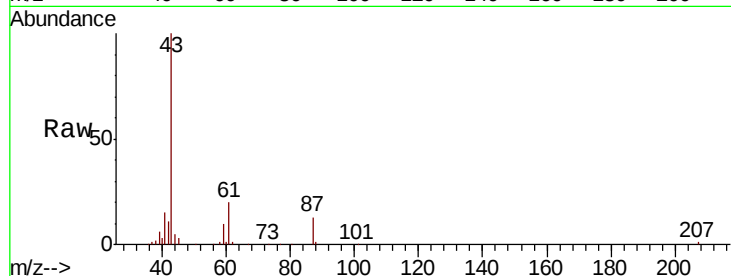
Tot Ion: 43 Resp: 59331

Ion Ratio Lower Upper

43 100

61 20.3 16.2 24.2

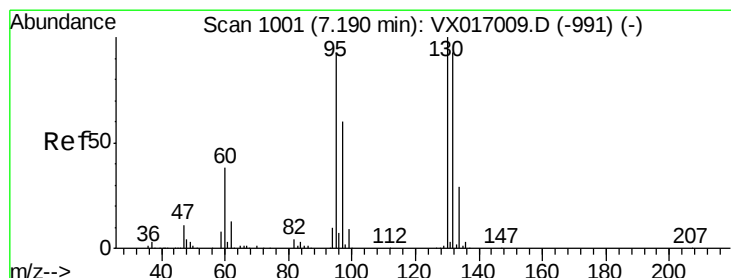
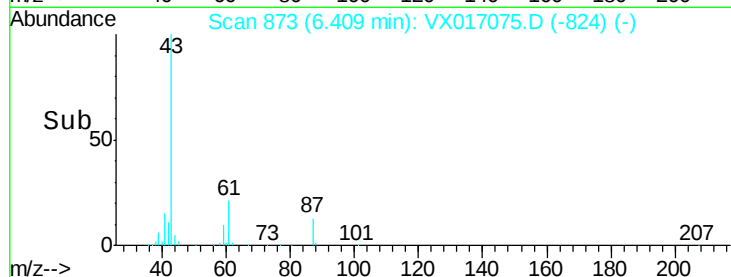
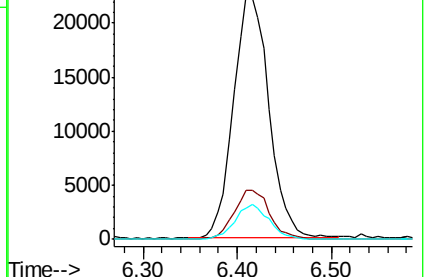
87 13.7 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX017009.D (-861) (-)

Ion 61.00 (60.70 to 61.70): VX017009.D (-861) (-)

Ion 87.00 (86.70 to 87.70): VX017009.D (-861) (-)



#44

Trichloroethene

Concen: Below Cal

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX017075.D

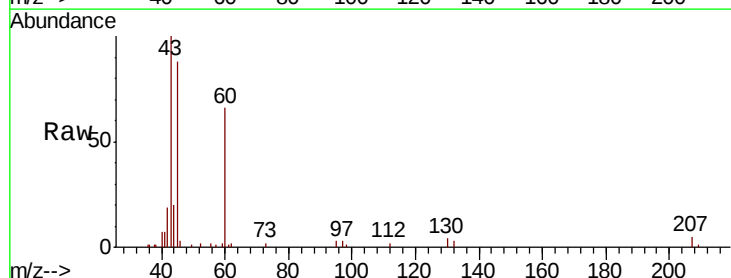
Acq: 01 Jul 2020 03:46

Tgt Ion: 130 Resp: 247

Ion Ratio Lower Upper

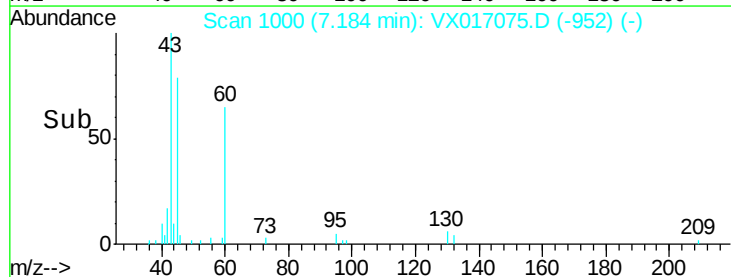
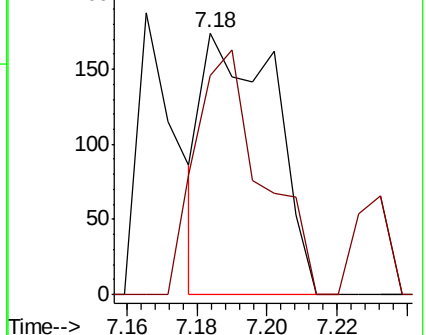
130 100

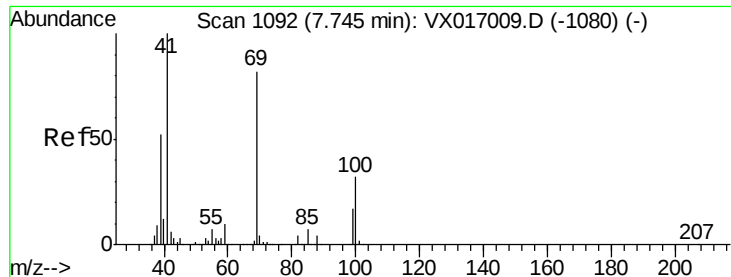
95 83.9 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): VX017009.D (-991) (-)

Ion 94.90 (94.60 to 95.60): VX017009.D (-991) (-)

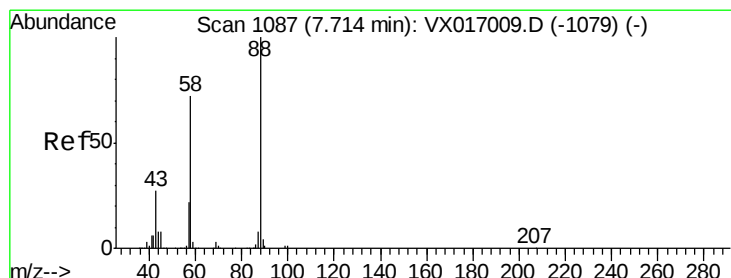
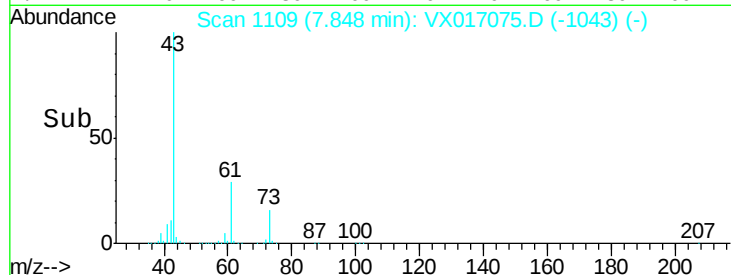
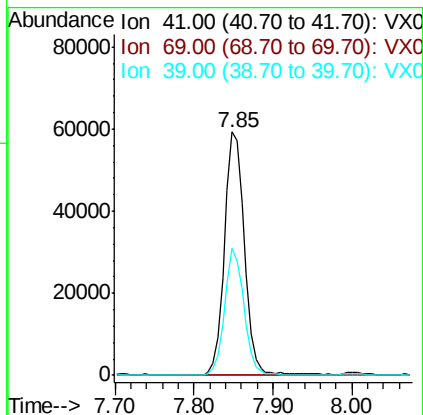
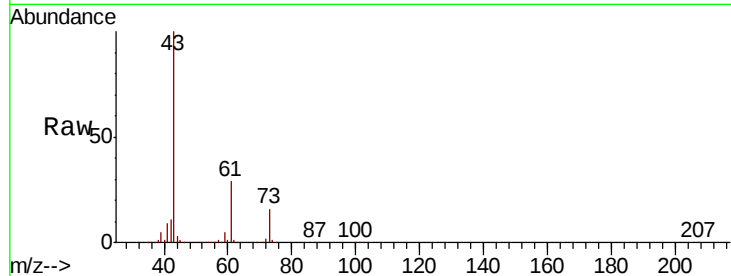




#48  
Methvl methacrylate  
Concen: 36.494 ug/l  
RT: 7.85 min Scan# 1109  
Delta R.T. 0.10 min  
Lab File: VX017075.D  
Acq: 01 Jul 2020 03:46

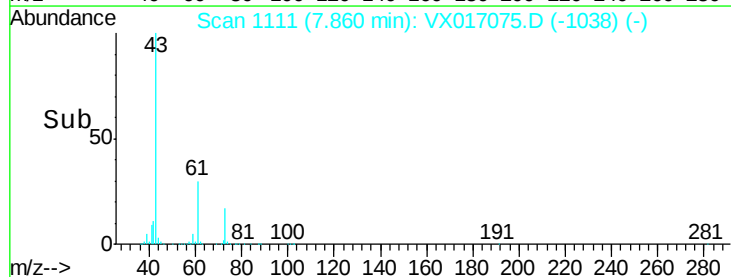
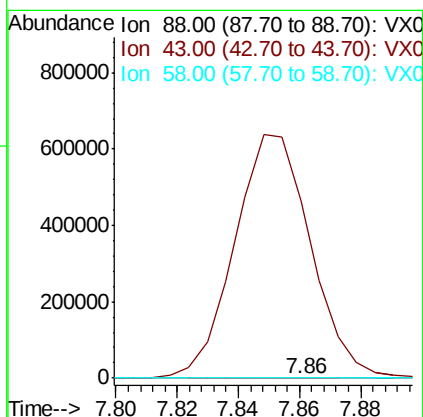
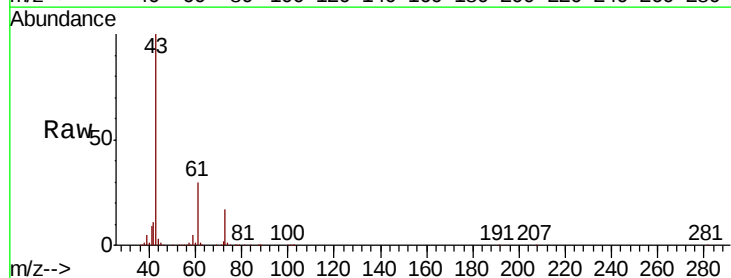
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB129852ZHE#11

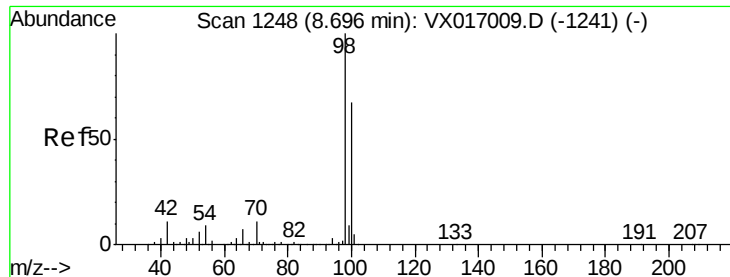
Tot Ion: 41 Resp: 104005  
Ion Ratio Lower Upper  
41 100  
69 0.3 65.8 98.8#  
39 50.7 42.5 63.7



#49  
1,4-Dioxane  
Concen: 4.073 ug/l  
RT: 7.86 min Scan# 1111  
Delta R.T. 0.15 min  
Lab File: VX017075.D  
Acq: 01 Jul 2020 03:46

Tgt Ion: 88 Resp: 263  
Ion Ratio Lower Upper  
88 100  
43 421871.9 25.8 38.8#  
58 1970.3 54.8 82.2#





#50

Toluene-d8

Concen: 53.829 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017075.D

Acq: 01 Jul 2020 03:46

Instrument :

MSVOA\_X

ClientSampleId :

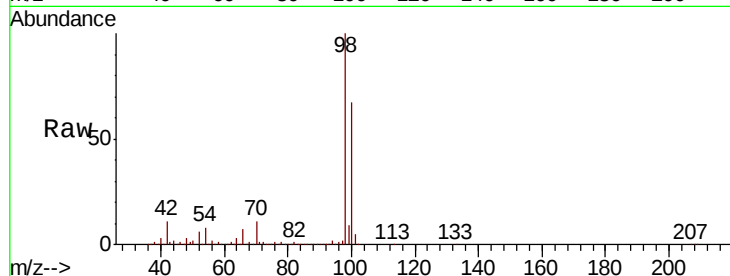
PB129852ZHE#11

Tot Ion: 98 Resp: 474008

Ion Ratio Lower Upper

98 100

100 67.0 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.70

300000

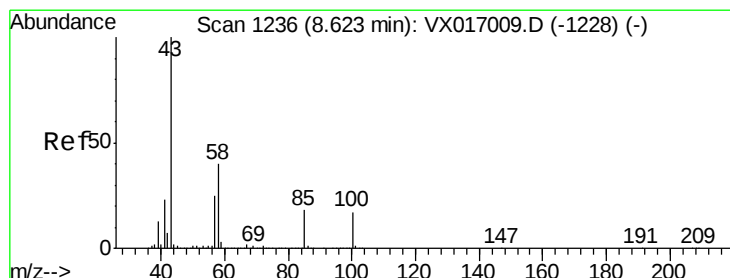
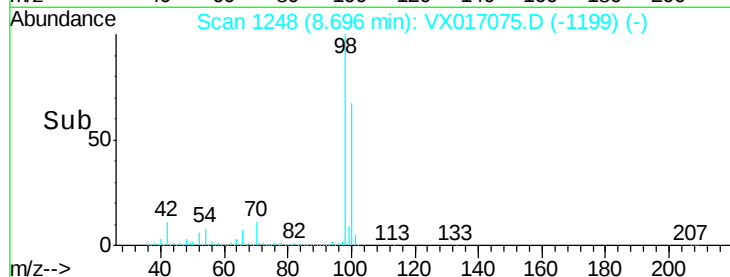
200000

100000

0

8.60 8.70 8.80

Time-->



#51

4-Methyl-2-Pentanone

Concen: 16.300 ug/l

RT: 8.59 min Scan# 1231

Delta R.T. -0.03 min

Lab File: VX017075.D

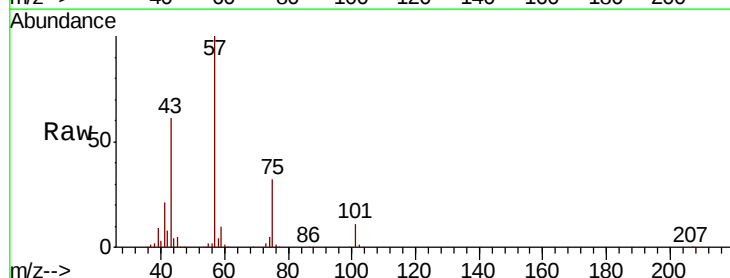
Acq: 01 Jul 2020 03:46

Tgt Ion: 43 Resp: 58285

Ion Ratio Lower Upper

43 100

58 10.5 31.9 47.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

40000

30000

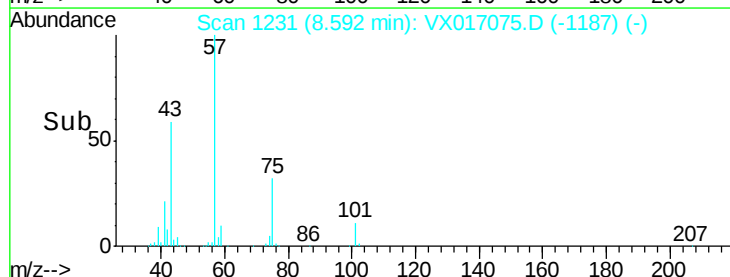
20000

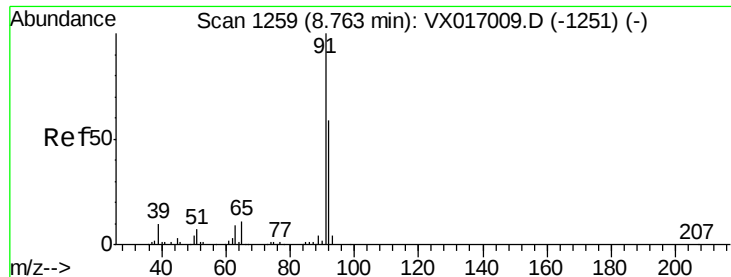
10000

0

8.50 8.55 8.60 8.65 8.70

Time-->





#52

Toluene

Concen: 0.216 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017075.D

Acq: 01 Jul 2020 03:46

Instrument :

MSVOA\_X

ClientSampleId :

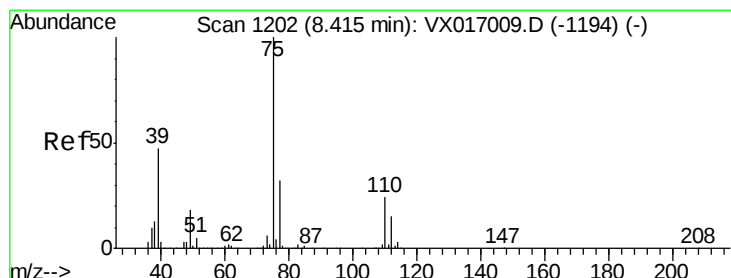
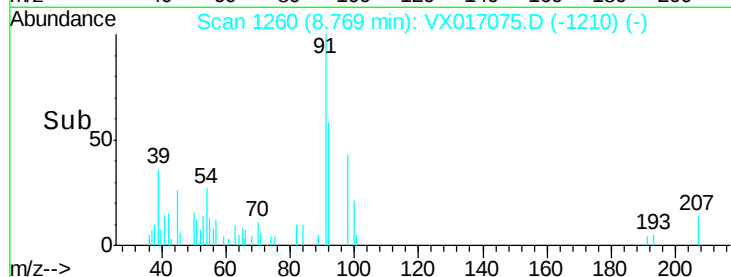
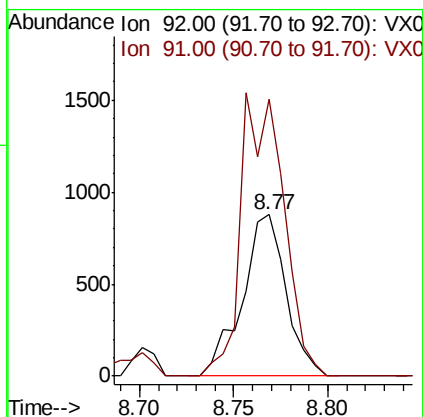
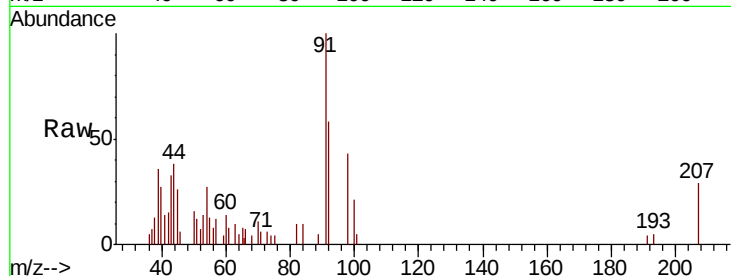
PB129852ZHE#11

Tot Ion: 92 Resp: 1413

Ion Ratio Lower Upper

92 100

91 170.6 136.9 205.3



#54

cis-1,3-Dichloropropene

Concen: 5.775 ug/l

RT: 8.59 min Scan# 1231

Delta R.T. 0.18 min

Lab File: VX017075.D

Acq: 01 Jul 2020 03:46

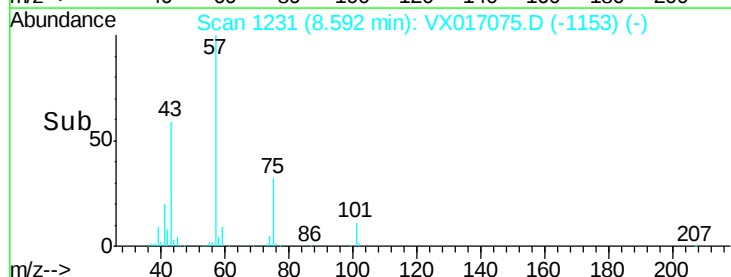
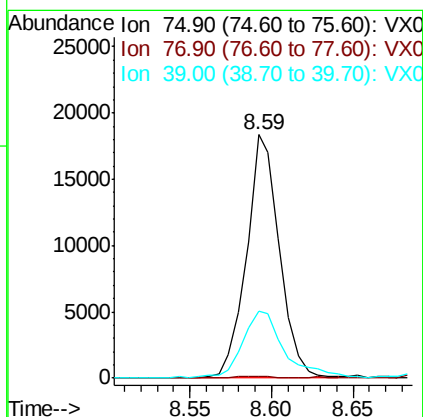
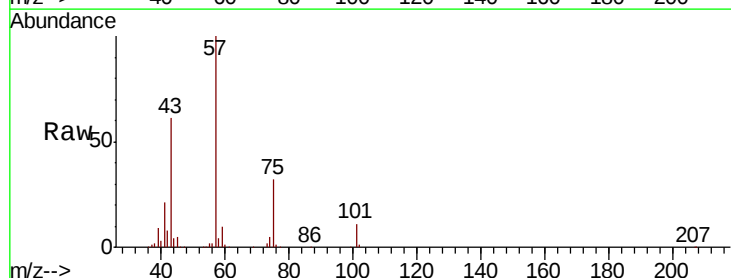
Tgt Ion: 75 Resp: 25805

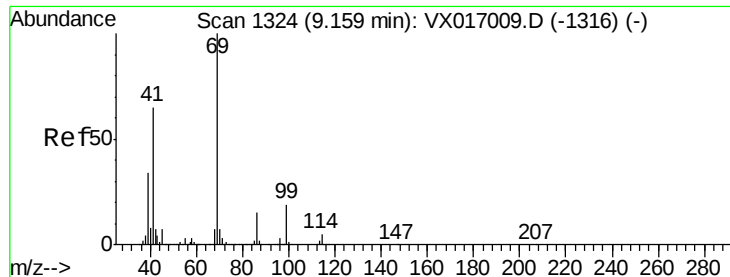
Ion Ratio Lower Upper

75 100

77 0.4 25.2 37.8#

39 27.4 37.4 56.2#





#56

Ethyl methacrylate

Concen: 0.367 ug/l

RT: 9.29 min Scan# 1345

Delta R.T. 0.13 min

Lab File: VX017075.D

Acq: 01 Jul 2020 03:46

Instrument :

MSVOA\_X

ClientSampleId :

PB129852ZHE#11

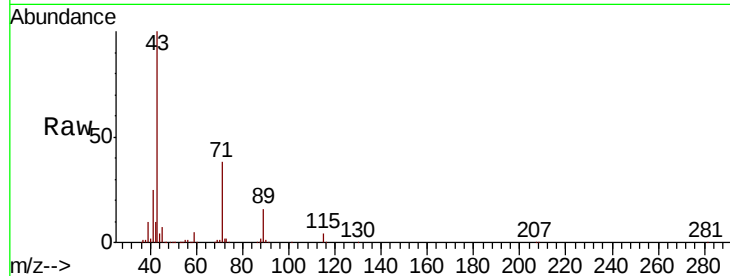
Tot Ion: 69 Resp: 1394

Ion Ratio Lower Upper

69 100

41 3537.2 53.6 80.4#

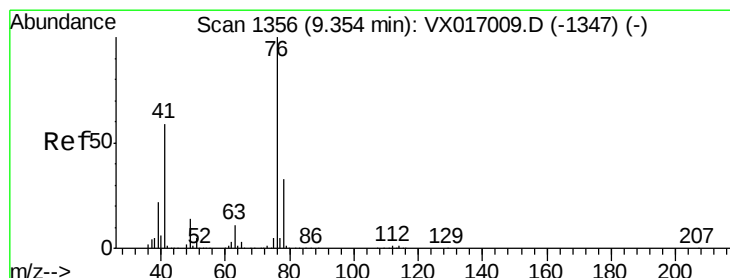
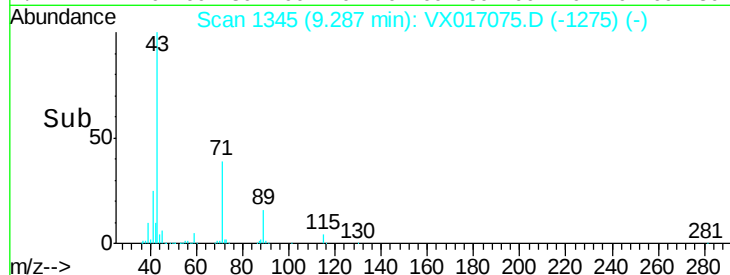
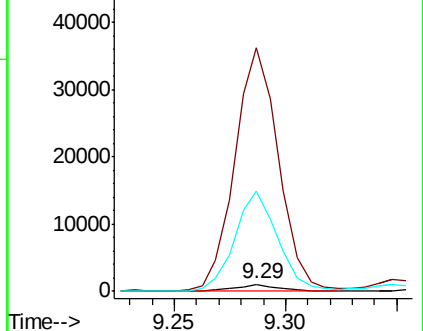
39 1449.1 28.2 42.2#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#57

1,3-Dichloropropane

Concen: 1.119 ug/l

RT: 9.52 min Scan# 1384

Delta R.T. 0.17 min

Lab File: VX017075.D

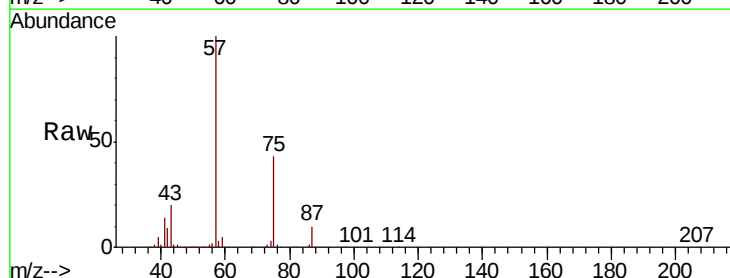
Acq: 01 Jul 2020 03:46

Tgt Ion: 76 Resp: 5048

Ion Ratio Lower Upper

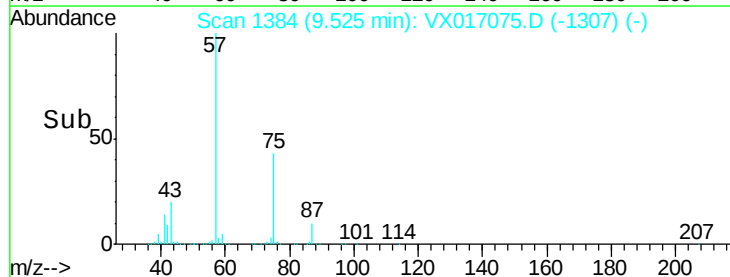
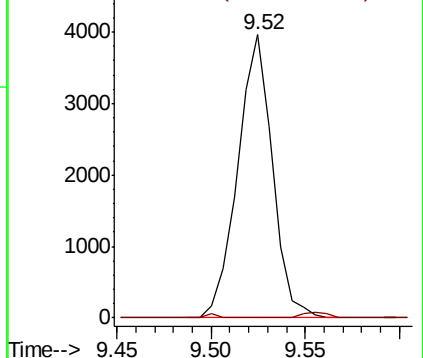
76 100

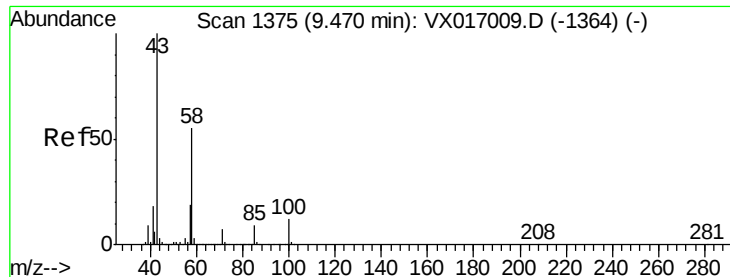
78 0.0 25.9 38.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

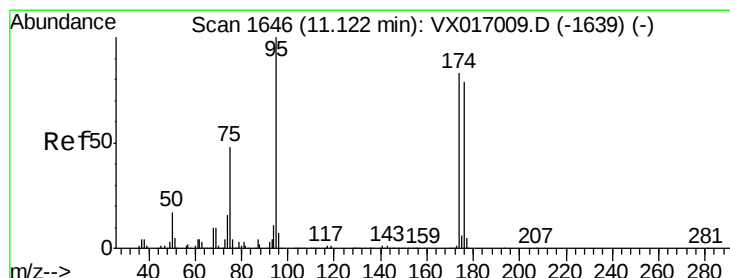
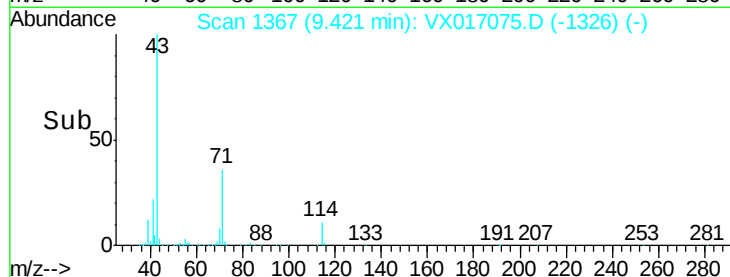
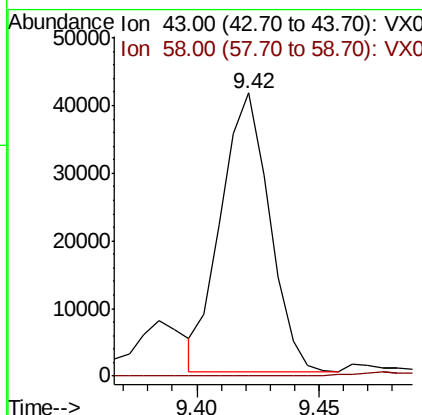
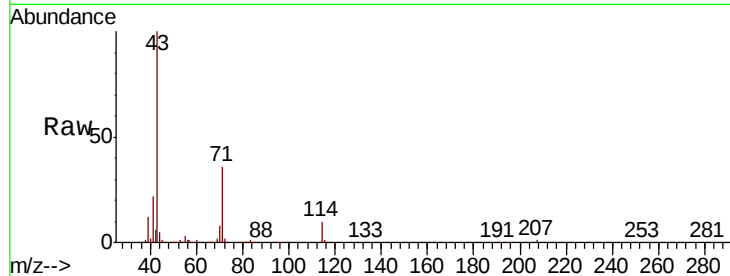




#59  
2-Hexanone  
Concen: 21.805 ug/l  
RT: 9.42 min Scan# 1367  
Delta R.T. -0.05 min  
Lab File: VX017075.D  
Acq: 01 Jul 2020 03:46

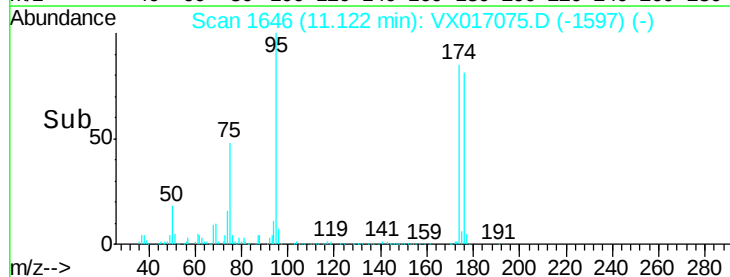
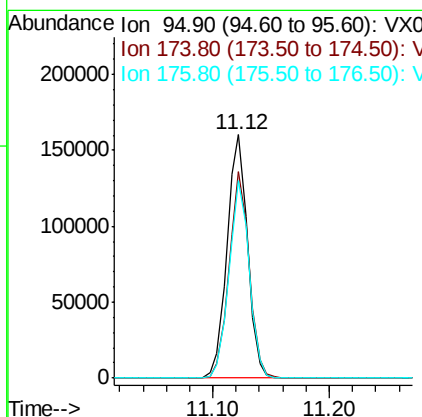
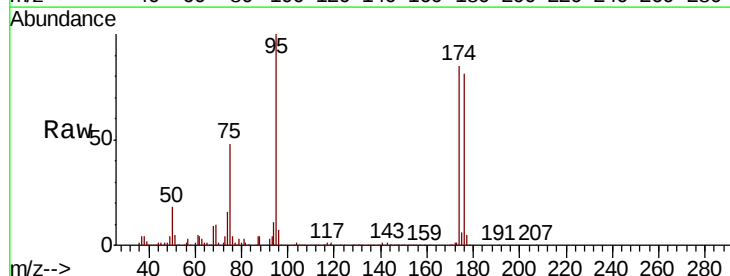
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB129852ZHE#11

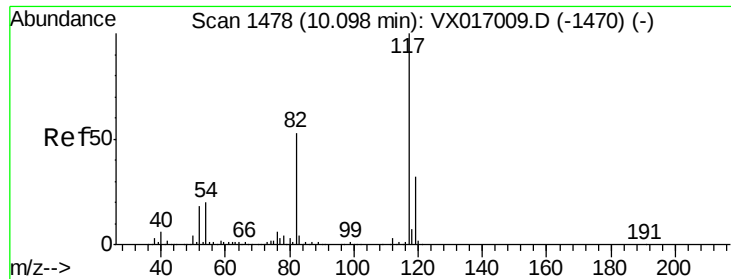
Tot Ion: 43 Resp: 56946  
Ion Ratio Lower Upper  
43 100  
58 0.0 27.9 83.6#



#62  
4-Bromofluorobenzene  
Concen: 56.871 ug/l  
RT: 11.12 min Scan# 1646  
Delta R.T. -0.00 min  
Lab File: VX017075.D  
Acq: 01 Jul 2020 03:46

Tgt Ion: 95 Resp: 195765  
Ion Ratio Lower Upper  
95 100  
174 82.9 0.0 164.0  
176 80.1 0.0 157.6

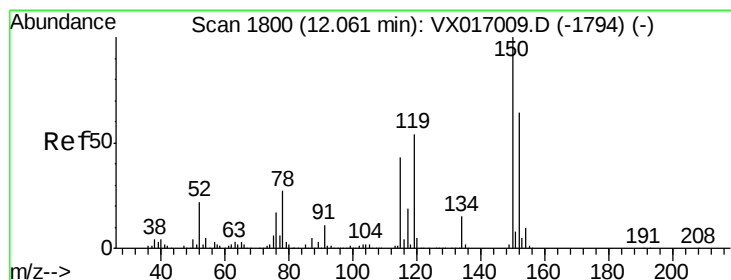
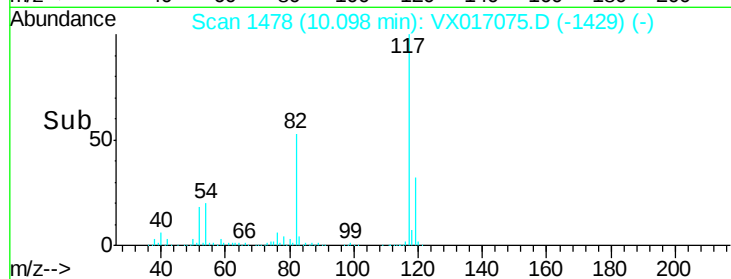
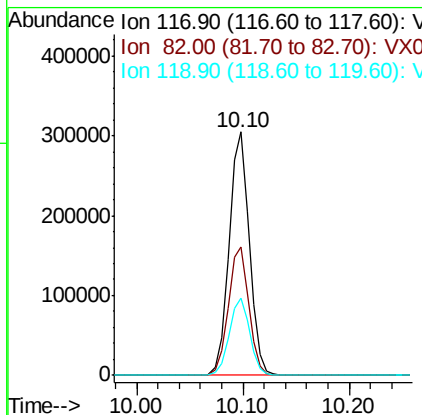
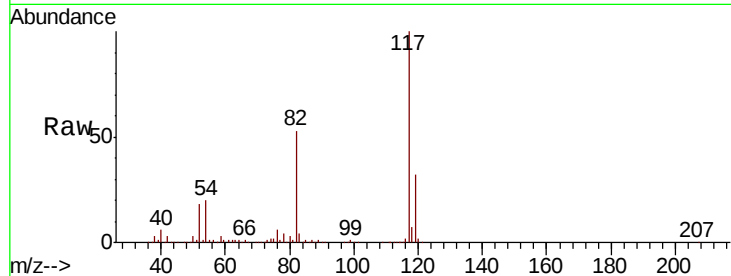




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX017075.D  
Acq: 01 Jul 2020 03:46

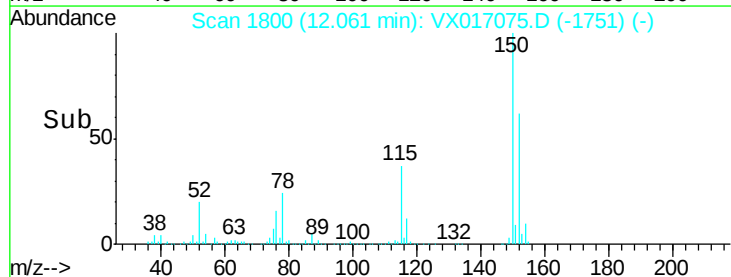
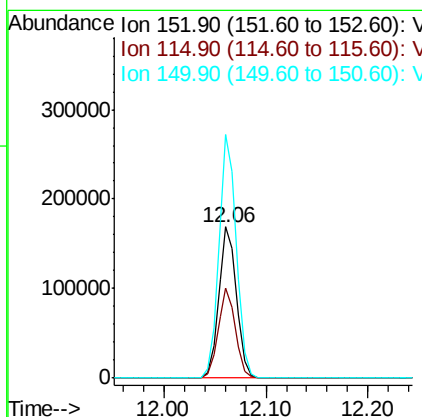
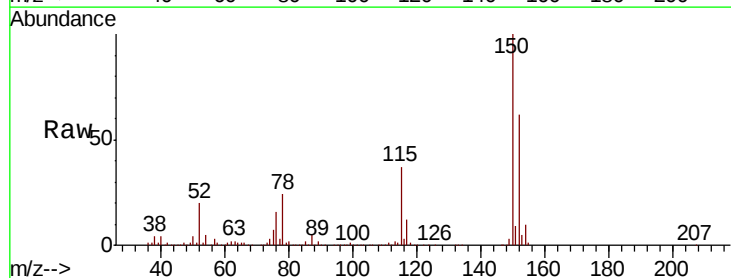
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB129852ZHE#11

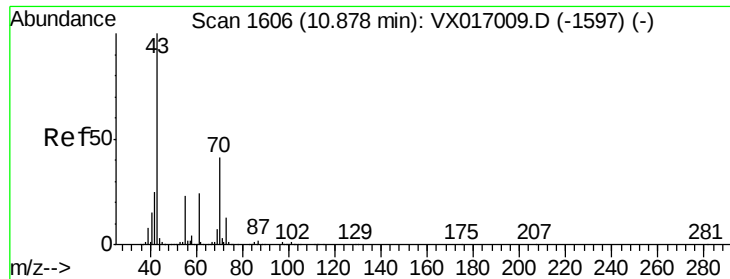
Tot Ion:117 Resp: 405448  
Ion Ratio Lower Upper  
117 100  
82 52.8 42.6 63.8  
119 31.5 25.4 38.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.06 min Scan# 1800  
Delta R.T. -0.00 min  
Lab File: VX017075.D  
Acq: 01 Jul 2020 03:46

Tgt Ion:152 Resp: 206358  
Ion Ratio Lower Upper  
152 100  
115 57.7 40.9 122.7  
150 158.2 0.0 351.6





#74

N-amvl acetate

Concen: 0.534 ug/l

RT: 10.80 min Scan# 1594

Delta R.T. -0.07 min

Lab File: VX017075.D

Acq: 01 Jul 2020 03:46

Instrument :

MSVOA\_X

ClientSampleId :

PB129852ZHE#11

Tot Ion: 43 Resp: 3077

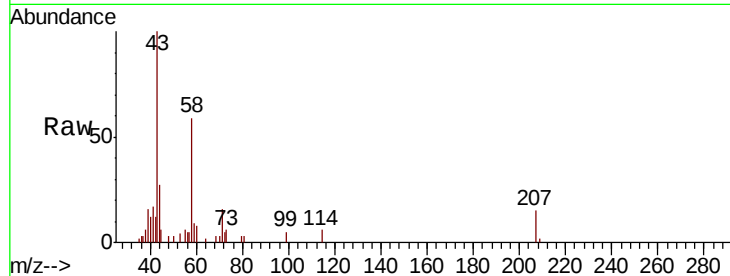
Ion Ratio Lower Upper

43 100

70 4.0 34.2 51.2#

55 14.6 19.2 28.8#

61 0.0 19.6 29.4#

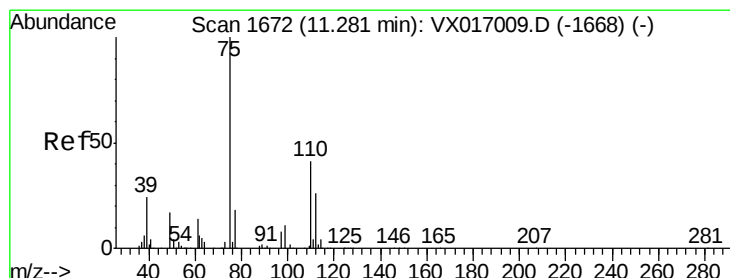
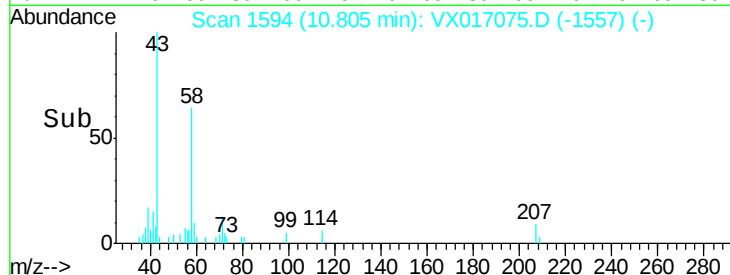
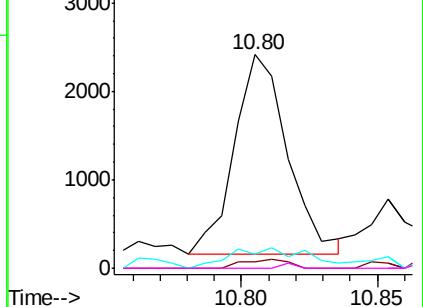


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 23.943 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017075.D

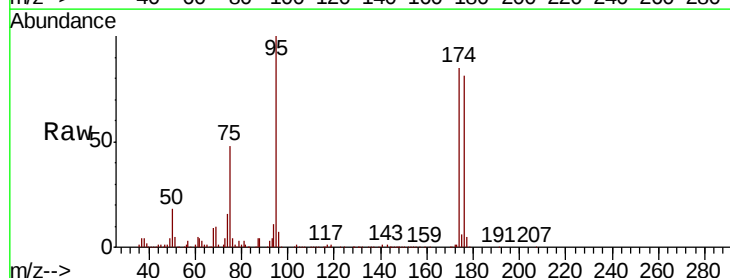
Acq: 01 Jul 2020 03:46

Tgt Ion: 75 Resp: 97158

Ion Ratio Lower Upper

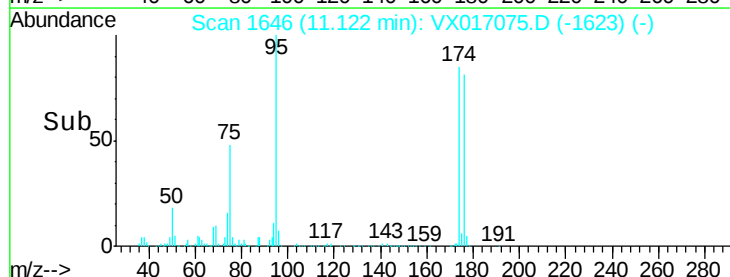
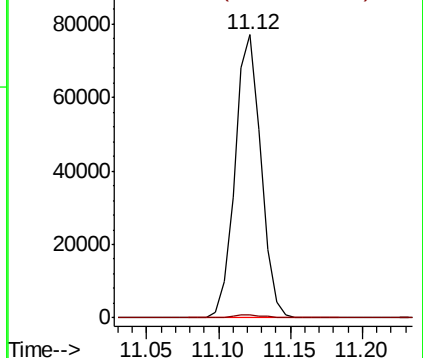
75 100

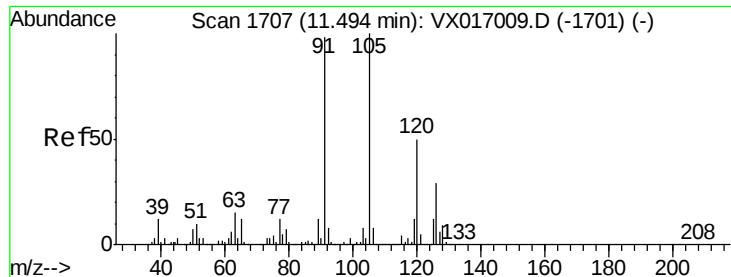
77 1.3 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#80

1,3,5-Trimethylbenzene

Concen: 0.299 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017075.D

Acq: 01 Jul 2020 03:46

Instrument :

MSVOA\_X

ClientSampleId :

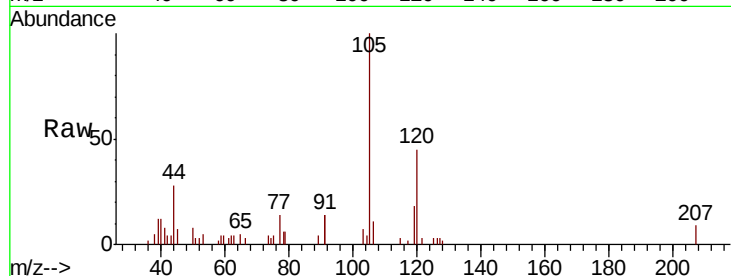
PB129852ZHE#11

Tot Ion:105 Resp: 3355

Ion Ratio Lower Upper

105 100

120 47.4 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

3000

2500

2000

1500

1000

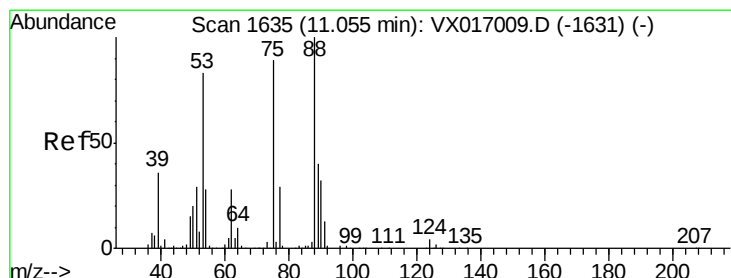
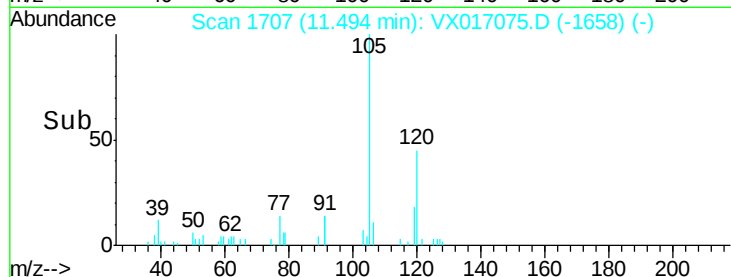
500

0

Time-->

11.45

11.50



#81

trans-1,4-Dichloro-2-butene

Concen: 62.003 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX017075.D

Acq: 01 Jul 2020 03:46

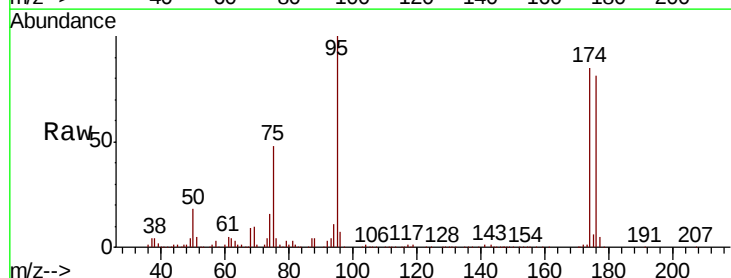
Tgt Ion: 75 Resp: 97158

Ion Ratio Lower Upper

75 100

53 0.0 72.4 108.6#

89 0.1 37.0 55.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

100000

80000

60000

40000

20000

0

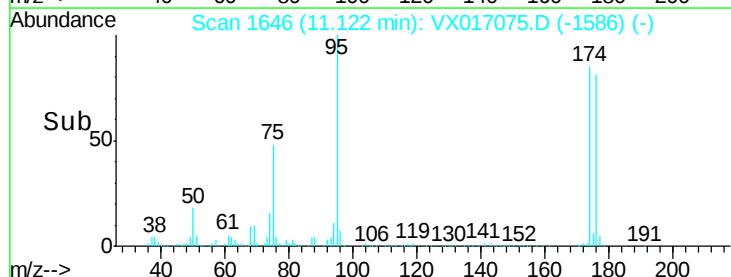
Time-->

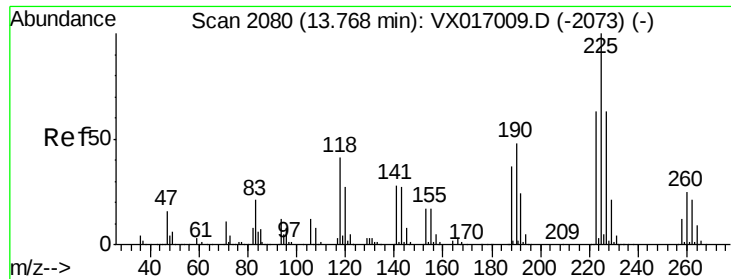
11.05

11.10

11.15

11.20





#94

Hexachlorobutadiene

Concen: 0.868 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX017075.D

Acq: 01 Jul 2020 03:46

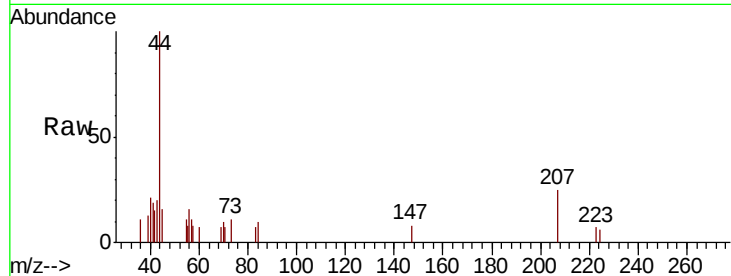
Instrument :

MSVOA\_X

ClientSampleId :

PB129852ZHE#11

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 225   | Resp: | 40    |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 160.0 | 32.5  | 97.5# |
| 227      | 0.0   | 33.1  | 99.2# |



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

