

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111518\  
 Data File : VX006027.D  
 Acq On : 15 Nov 2018 18:26  
 Operator : JC/MD  
 Sample : J5860-22MEDL 100X  
 Misc : 5.33q/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EP2-SB-110(17-19)MEDL

Quant Time: Nov 16 00:18:57 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 07 14:40:53 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 139430   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 199663   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 184931   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 93161    | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 80353    | 50.13 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.26% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 63804    | 46.98 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.96%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 247812   | 54.89 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 109.78% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 88670    | 54.63 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 109.26% |          |

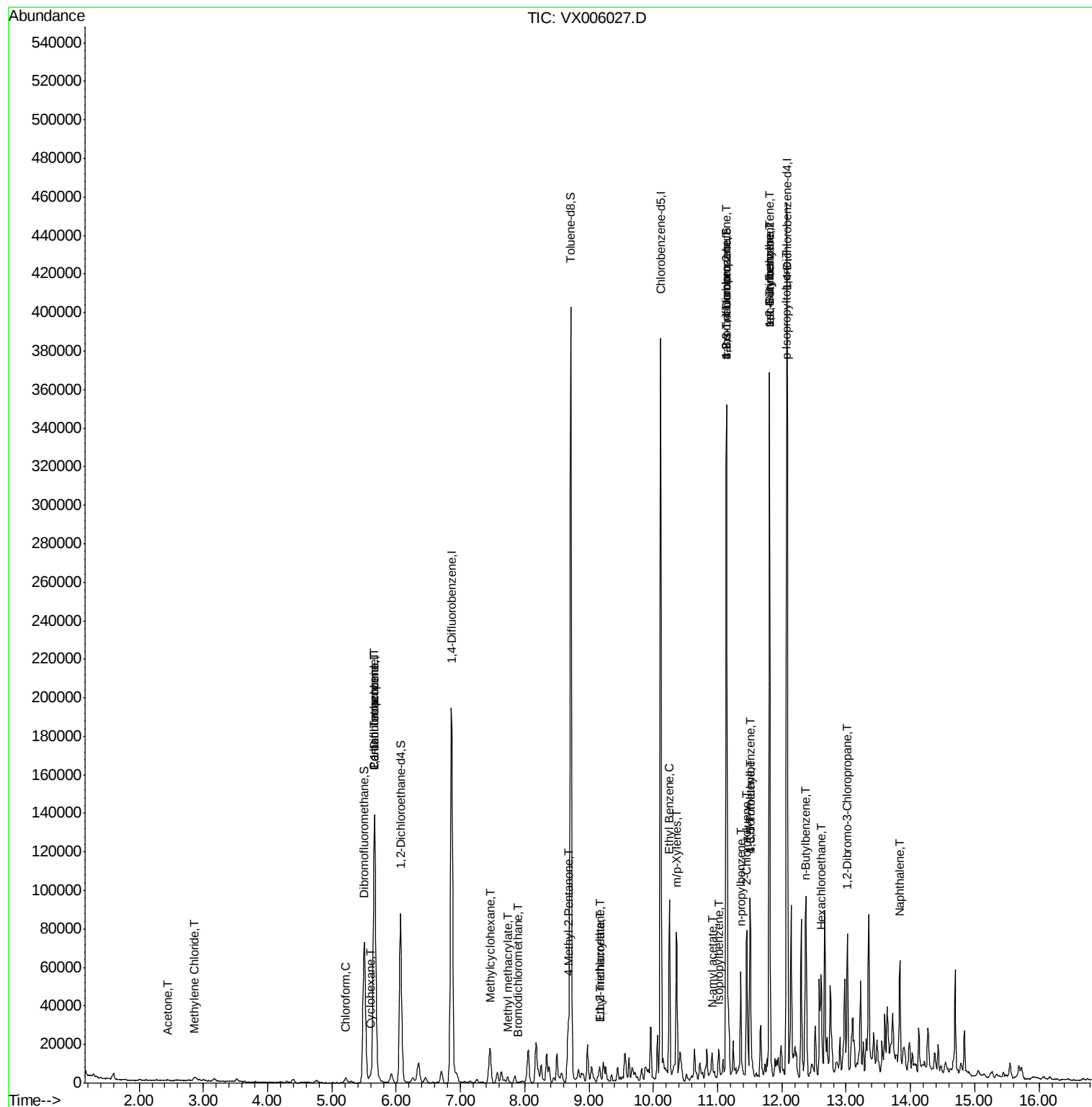
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 16) Acetone                    | 2.45  | 43   | 538      | 0.623     | ug/l   | 90     |
| 18) Methyl Acetate             | 2.78  | 43   | 230      | Below Cal | #      | 55     |
| 20) Methylene Chloride         | 2.85  | 84   | 603      | 0.425     | ug/l # | 74     |
| 30) Chloroform                 | 5.21  | 83   | 3195     | 1.287     | ug/l # | 81     |
| 31) Cyclohexane                | 5.60  | 56   | 1679     | 0.752     | ug/l # | 68     |
| 36) 1,1-Dichloropropene        | 5.67  | 75   | 9646     | 5.011     | ug/l # | 49     |
| 38) Carbon Tetrachloride       | 5.66  | 117  | 13063    | 6.779     | ug/l # | 14     |
| 39) Methylcyclohexane          | 7.46  | 83   | 7472     | 3.830     | ug/l   | 98     |
| 47) Bromodichloromethane       | 7.90  | 83   | 381      | 0.236     | ug/l # | 88     |
| 48) Methyl methacrylate        | 7.73  | 41   | 794      | 0.482     | ug/l # | 60     |
| 51) 4-Methyl-2-Pentanone       | 8.68  | 43   | 4294     | 1.858     | ug/l # | 38     |
| 55) 1,1,2-Trichloroethane      | 9.16  | 97   | 2475     | 1.771     | ug/l # | 18     |
| 56) Ethyl methacrylate         | 9.16  | 69   | 1071     | 0.512     | ug/l # | 22     |
| 67) Ethyl Benzene              | 10.25 | 91   | 48837    | 8.221     | ug/l   | 100    |
| 68) m/p-Xylenes                | 10.36 | 106  | 16485    | 7.275     | ug/l   | 96     |
| 73) Isopropylbenzene           | 11.02 | 105  | 6519     | 1.210     | ug/l   | 100    |
| 74) N-amyl acetate             | 10.91 | 43   | 1227     | 1.647     | ug/l # | 1      |
| 76) 1,2,3-Trichloropropane     | 11.14 | 75   | 43483    | 22.922    | ug/l # | 37     |
| 78) n-propylbenzene            | 11.36 | 91   | 32025    | 5.044     | ug/l   | 98     |
| 79) 2-Chlorotoluene            | 11.46 | 91   | 4342     | 1.131     | ug/l # | 40     |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 39676    | 8.666     | ug/l   | 100    |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75   | 43483    | 73.058    | ug/l # | 9      |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 4373     | 0.967     | ug/l # | 45     |
| 83) tert-Butylbenzene          | 11.81 | 119  | 20142    | 4.349     | ug/l # | 61     |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 163682   | 32.355    | ug/l   | 99     |
| 85) sec-Butylbenzene           | 11.81 | 105  | 163682   | 28.900    | ug/l # | 56     |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 2342     | 0.467     | ug/l # | 83     |
| 89) n-Butylbenzene             | 12.38 | 91   | 15671    | 3.370     | ug/l # | 36     |
| 90) Hexachloroethane           | 12.61 | 117  | 2034     | 2.428     | ug/l # | 2      |
| 92) 1,2-Dibromo-3-Chloropropan | 13.02 | 75   | 237      | 0.491     | ug/l # | 1      |
| 95) Naphthalene                | 13.83 | 128  | 33334    | 6.034     | ug/l   | 98     |

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

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Sample : J5860-22MEDL 100X  
Misc : 5.33q/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
EP2-SB-110(17-19)MEDL

Quant Time: Nov 16 00:18:57 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 07 14:40:53 2018  
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: VX006027.D

Acq: 15 Nov 2018 18:26

Instrument :

MSVOA\_X

ClientSampleId :

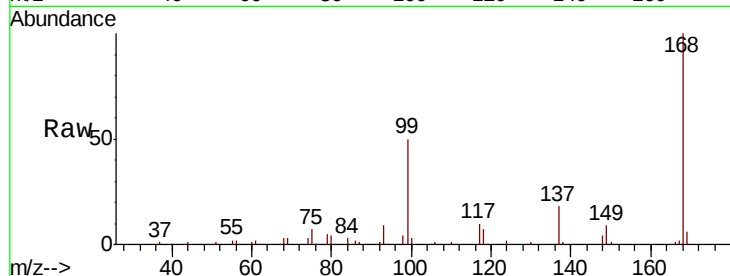
EP2-SB-110(17-19)MEDL

Tot Ion:168 Resp: 139430

Ion Ratio Lower Upper

168 100

99 49.6 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

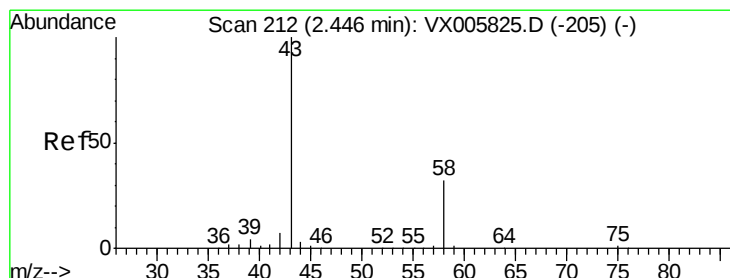
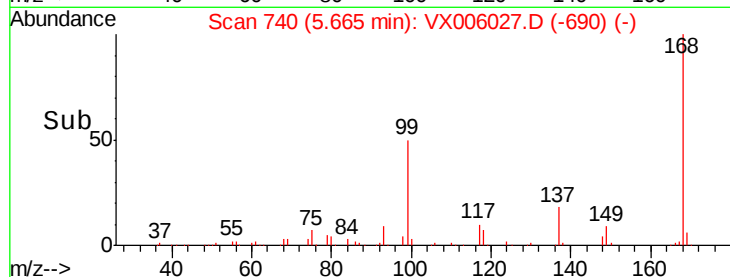
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 0.623 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006027.D

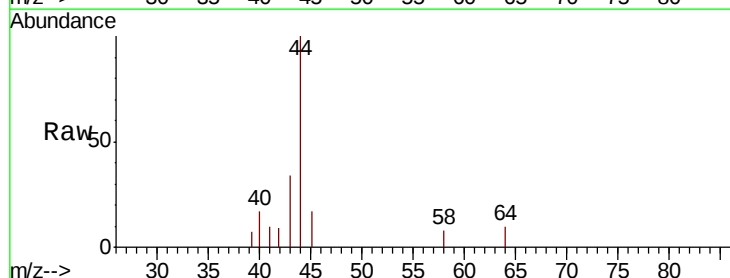
Acq: 15 Nov 2018 18:26

Tgt Ion: 43 Resp: 538

Ion Ratio Lower Upper

43 100

58 24.3 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

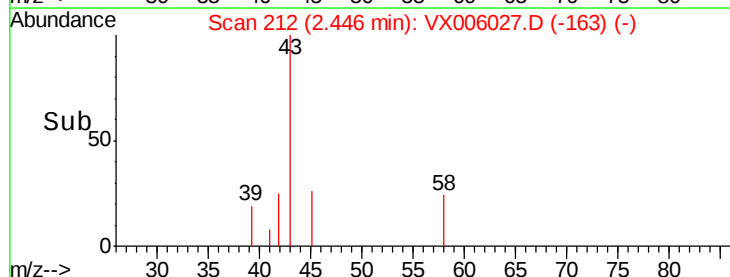
300

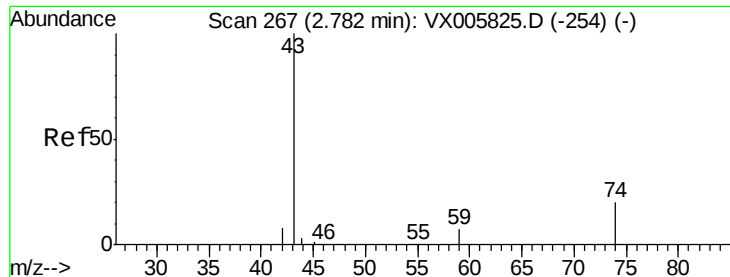
200

100

0

Time--> 2.40 2.45





#18

Methyl Acetate

Concen: Below Cal

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX006027.D

Acq: 15 Nov 2018 18:26

Instrument :

MSVOA\_X

ClientSampleId :

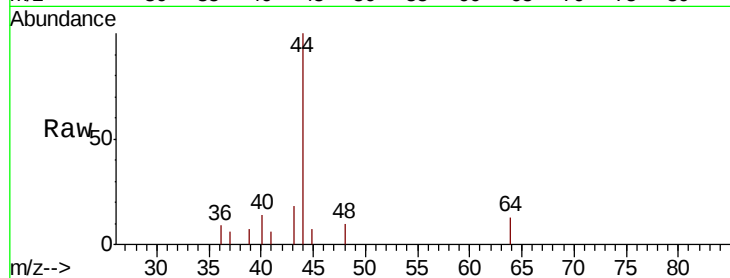
EP2-SB-110(17-19)MEDL

Tot Ion: 43 Resp: 230

Ion Ratio Lower Upper

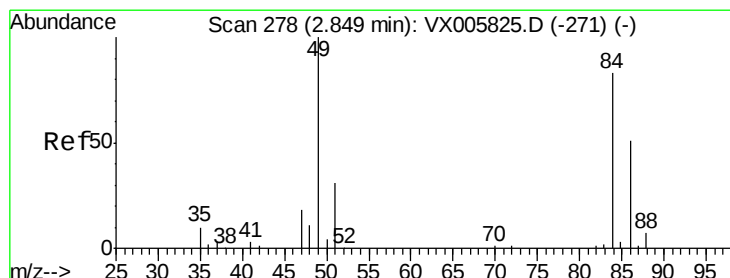
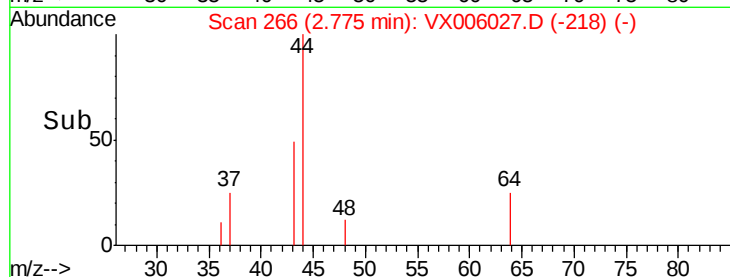
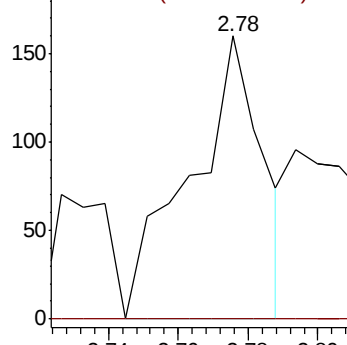
43 100

74 0.0 16.8 25.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#20

Methylene Chloride

Concen: 0.425 ug/l

RT: 2.85 min Scan# 278

Delta R.T. -0.00 min

Lab File: VX006027.D

Acq: 15 Nov 2018 18:26

Tgt Ion: 84 Resp: 603

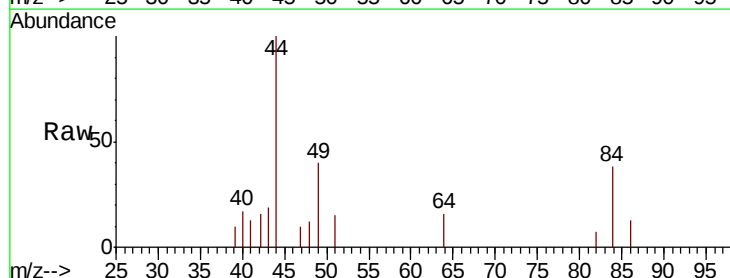
Ion Ratio Lower Upper

84 100

49 103.8 109.5 164.3#

51 40.1 33.3 49.9

86 34.6 52.7 79.1#

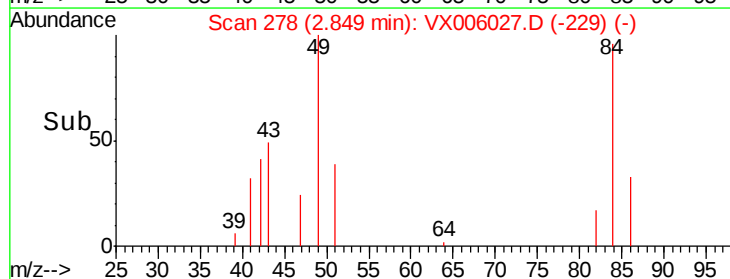
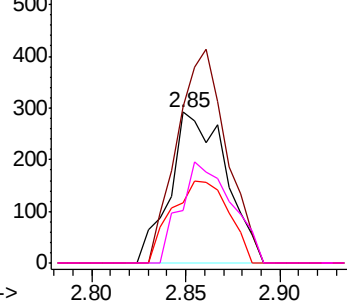


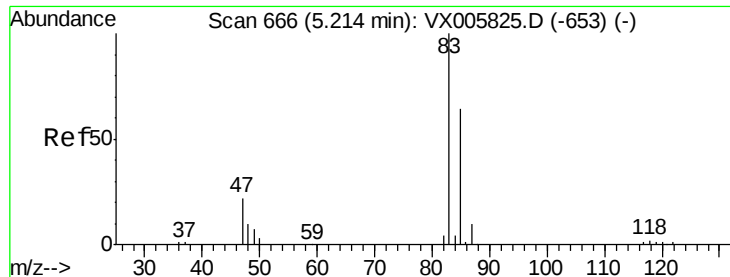
Abundance Ion 83.90 (83.60 to 84.60): VX0

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

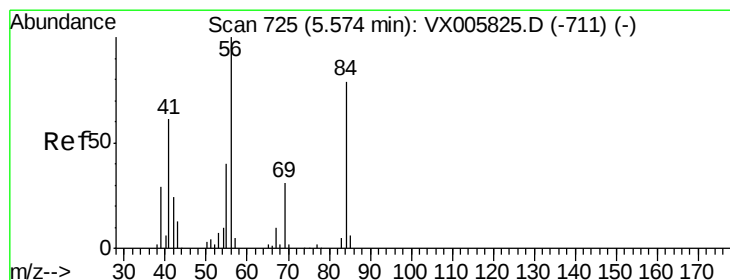
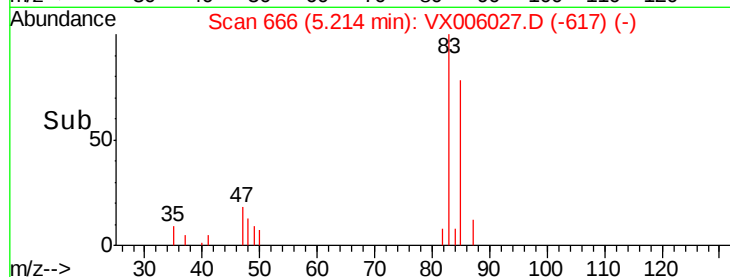
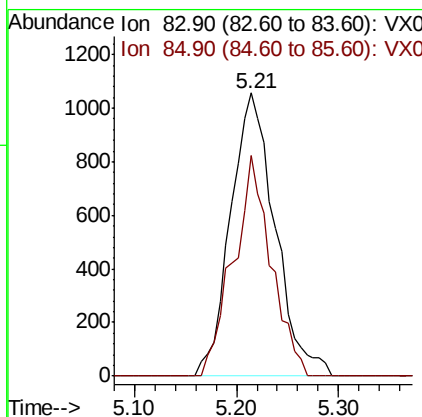
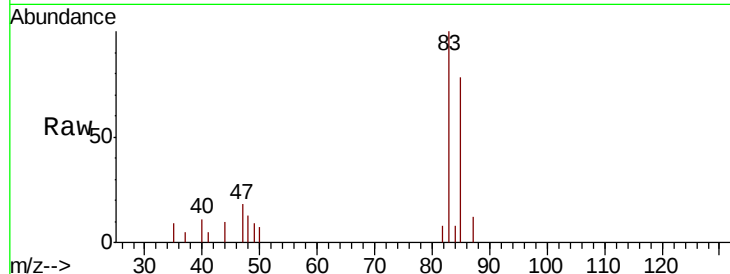




#30  
Chloroform  
Concen: 1.287 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. -0.00 min  
Lab File: VX006027.D  
Acq: 15 Nov 2018 18:26

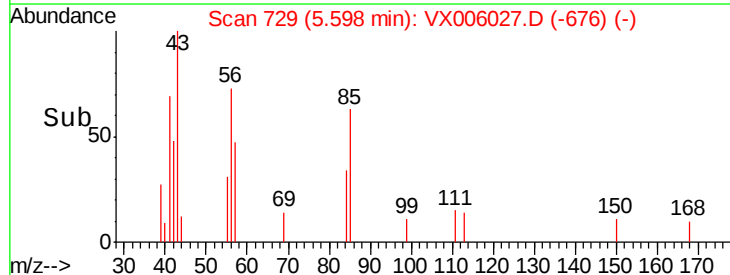
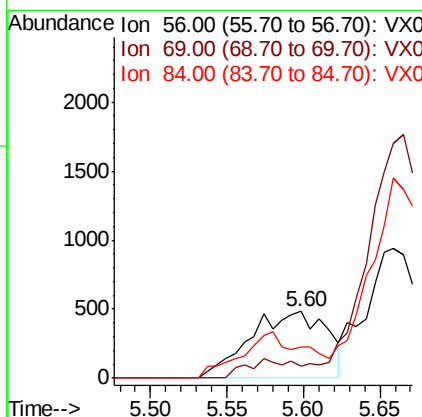
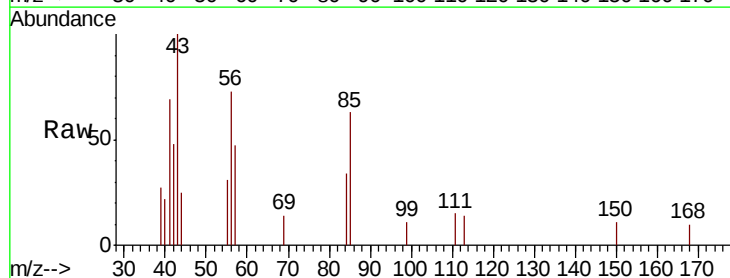
Instrument :  
MSVOA\_X  
ClientSampleId :  
EP2-SB-110(17-19)MEDL

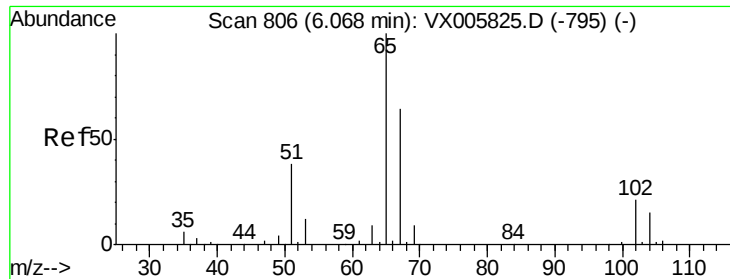
Tot Ion: 83 Resp: 3195  
Ion Ratio Lower Upper  
83 100  
85 77.9 50.6 76.0#



#31  
Cyclohexane  
Concen: 0.752 ug/l  
RT: 5.60 min Scan# 729  
Delta R.T. 0.02 min  
Lab File: VX006027.D  
Acq: 15 Nov 2018 18:26

Tgt Ion: 56 Resp: 1679  
Ion Ratio Lower Upper  
56 100  
69 18.9 22.6 34.0#  
84 46.2 62.7 94.1#

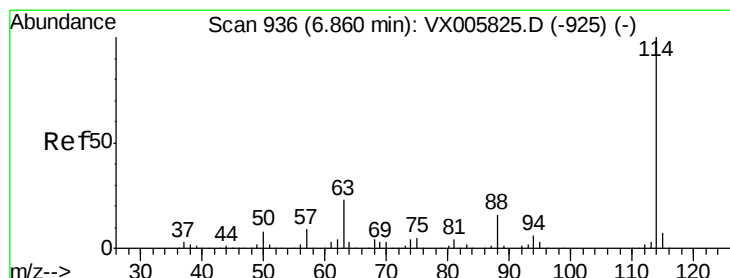
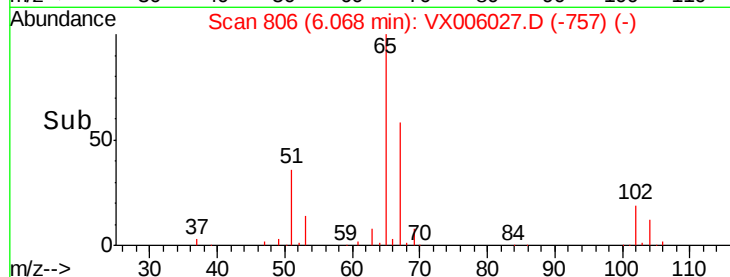
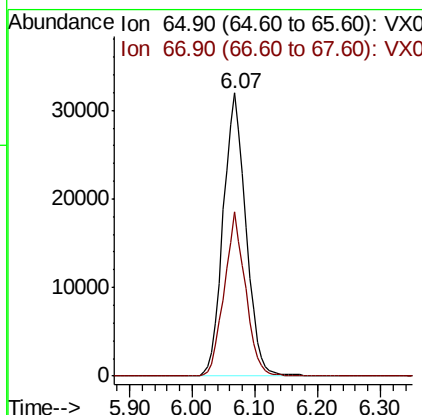
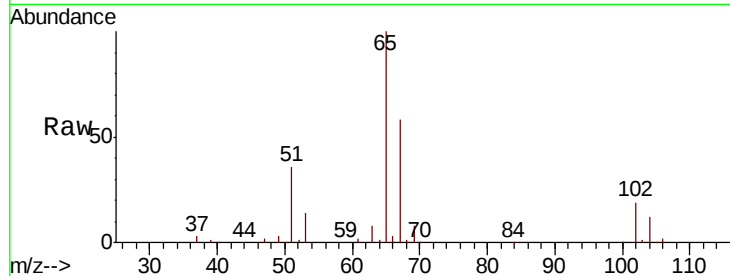




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.129 ug/l  
 RT: 6.07 min Scan# 806  
 Delta R.T. -0.00 min  
 Lab File: VX006027.D  
 Acq: 15 Nov 2018 18:26

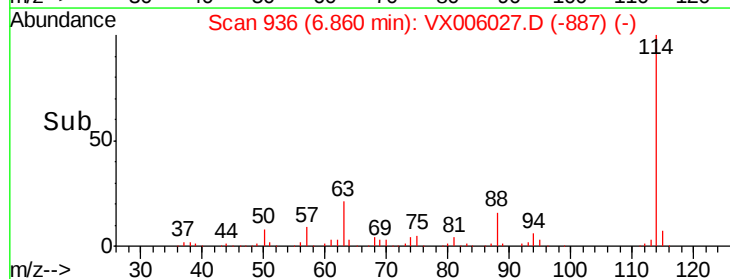
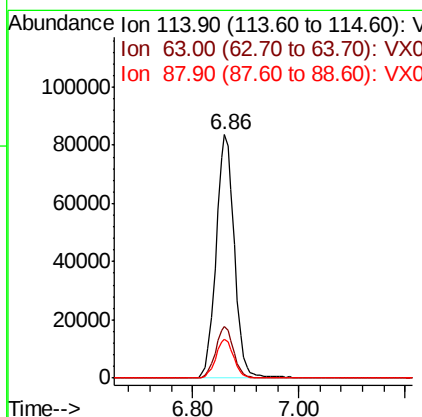
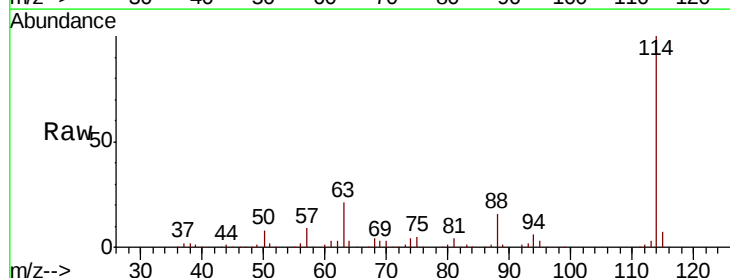
Instrument :  
 MSVOA\_X  
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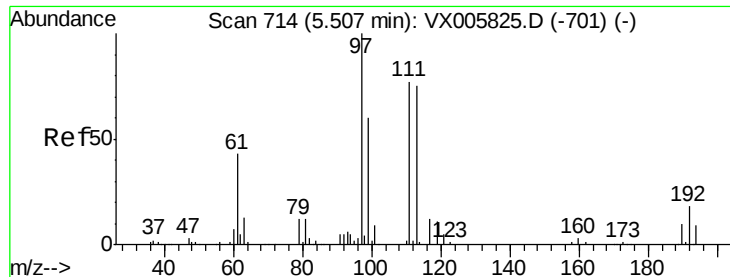
Tot Ion: 65 Resp: 80353  
 Ion Ratio Lower Upper  
 65 100  
 67 54.2 0.0 105.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: VX006027.D  
 Acq: 15 Nov 2018 18:26

Tgt Ion: 114 Resp: 199663  
 Ion Ratio Lower Upper  
 114 100  
 63 21.4 0.0 42.8  
 88 16.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 46.983 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX006027.D

Acq: 15 Nov 2018 18:26

Instrument :

MSVOA\_X

ClientSampleId :

EP2-SB-110(17-19)MEDL

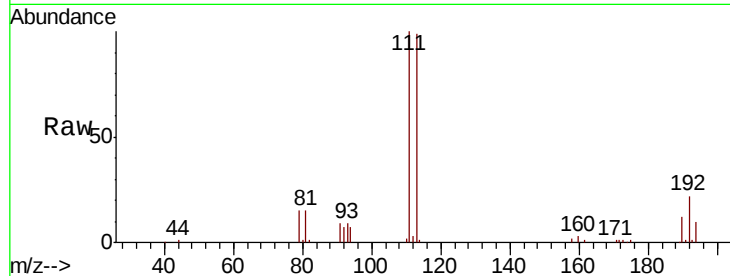
Tot Ion:113 Resp: 63804

Ion Ratio Lower Upper

113 100

111 102.4 82.3 123.5

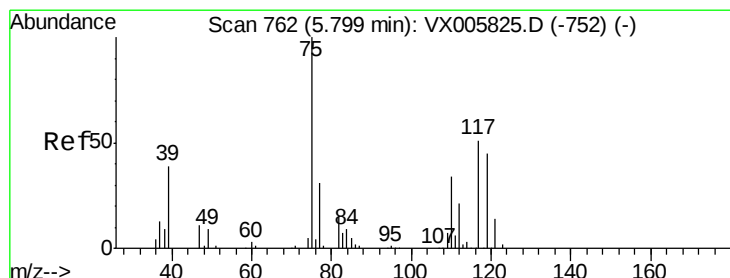
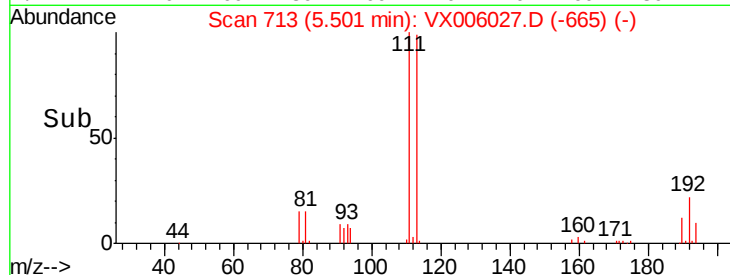
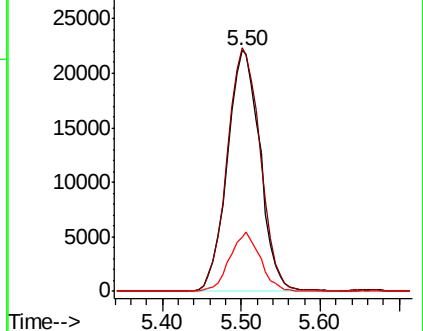
192 22.8 17.9 26.9



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: 5.011 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006027.D

Acq: 15 Nov 2018 18:26

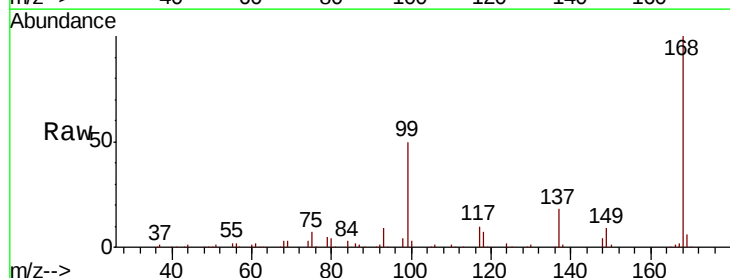
Tgt Ion: 75 Resp: 9646

Ion Ratio Lower Upper

75 100

110 8.6 17.4 52.2#

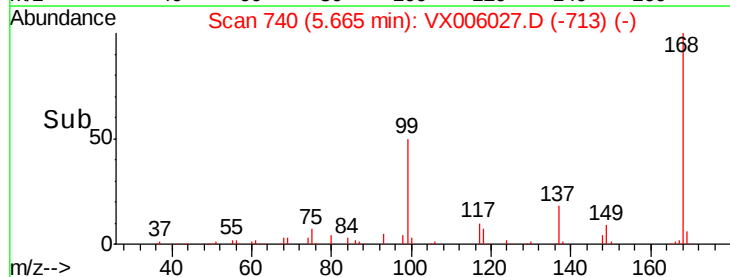
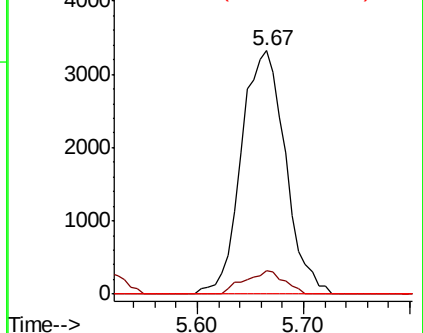
77 0.0 25.8 38.6#

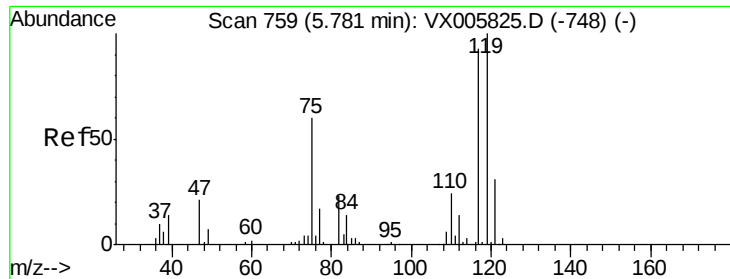


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

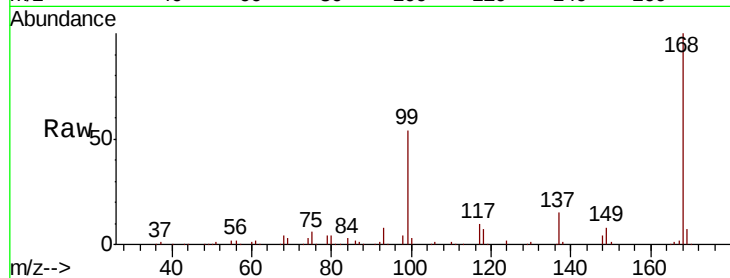




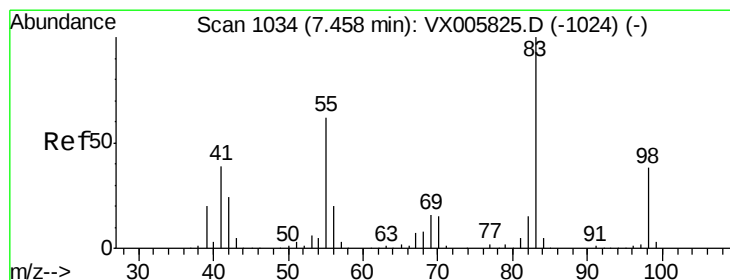
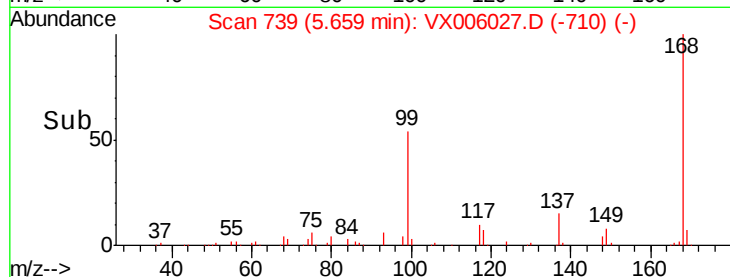
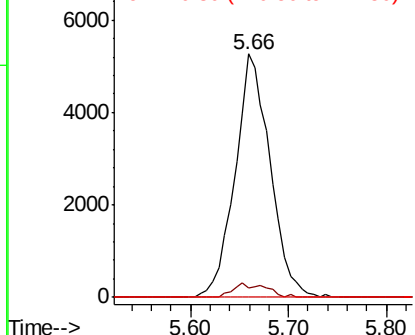
#38  
Carbon Tetrachloride  
Concen: 6.779 ug/l  
RT: 5.66 min Scan# 739  
Delta R.T. -0.12 min  
Lab File: VX006027.D  
Acq: 15 Nov 2018 18:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
EP2-SB-110(17-19)MEDL

Tot Ion:117 Resp: 13063  
Ion Ratio Lower Upper  
117 100  
119 4.1 78.1 117.1#  
121 0.0 24.6 36.8#

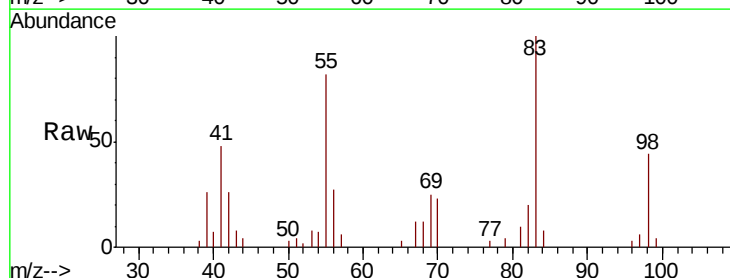


Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

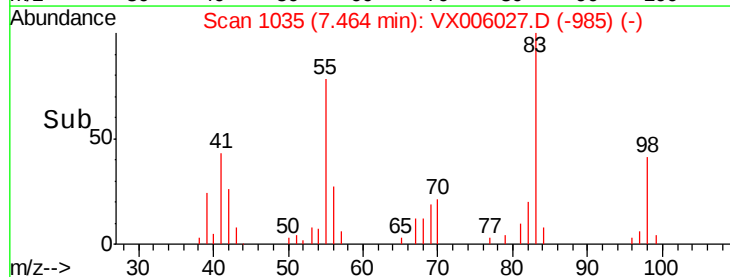
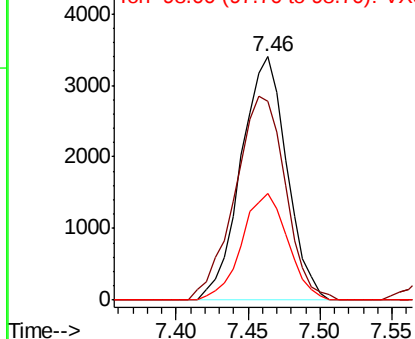


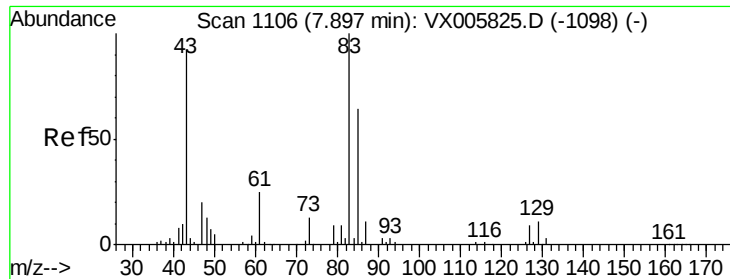
#39  
Methylcyclohexane  
Concen: 3.830 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. 0.01 min  
Lab File: VX006027.D  
Acq: 15 Nov 2018 18:26

Tgt Ion: 83 Resp: 7472  
Ion Ratio Lower Upper  
83 100  
55 81.6 63.7 95.5  
98 43.6 36.2 54.2



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





#47

Bromodichloromethane

Concen: 0.236 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006027.D

Acq: 15 Nov 2018 18:26

Instrument :

MSVOA\_X

ClientSampleId :

EP2-SB-110(17-19)MEDL

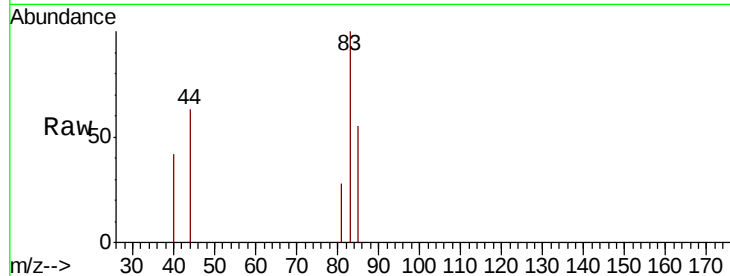
Tot Ion: 83 Resp: 381

Ion Ratio Lower Upper

83 100

85 54.7 50.2 75.4

127 0.0 6.9 10.3#

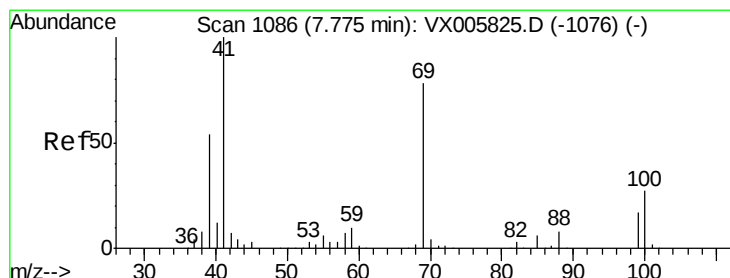
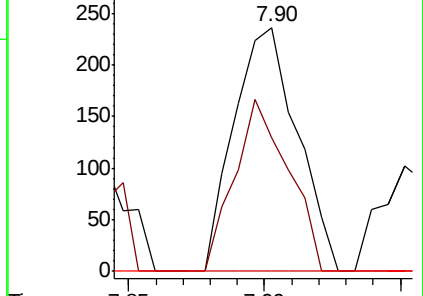
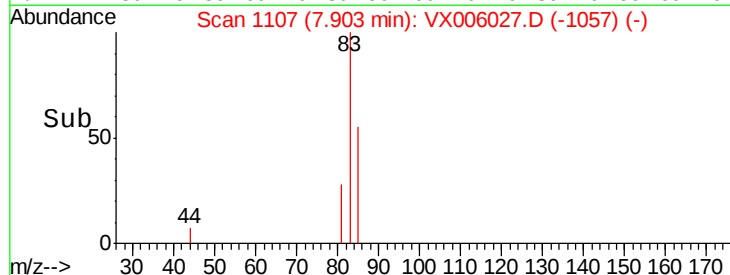


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

Time--> 7.85 7.90



#48

Methyl methacrylate

Concen: 0.482 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX006027.D

Acq: 15 Nov 2018 18:26

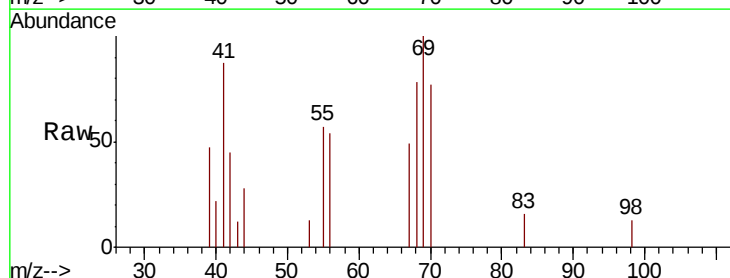
Tgt Ion: 41 Resp: 794

Ion Ratio Lower Upper

41 100

69 128.1 63.2 94.8#

39 41.3 42.2 63.2#

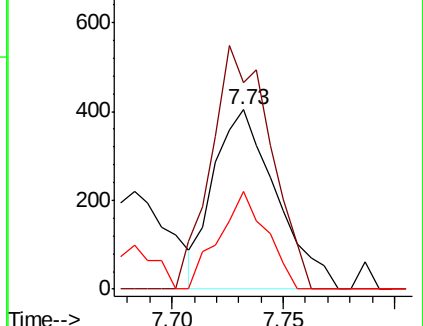
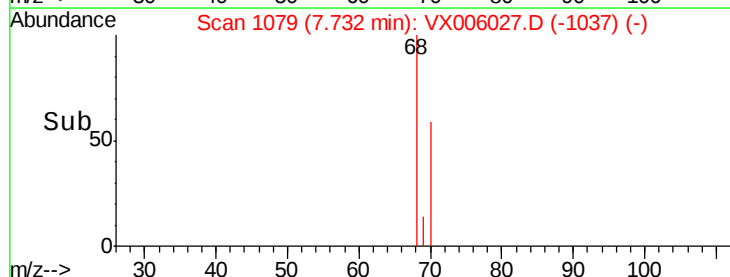


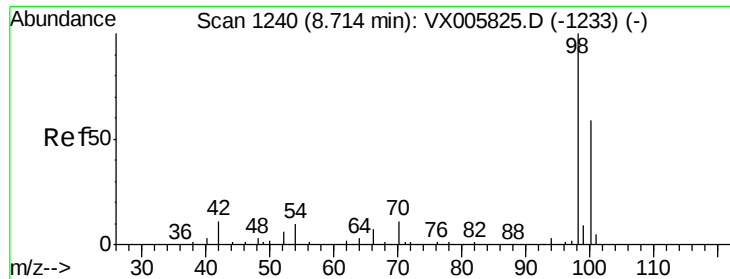
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time--> 7.70 7.75





#50

Toluene-d8

Concen: 54.889 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006027.D

Acq: 15 Nov 2018 18:26

Instrument :

MSVOA\_X

ClientSampleId :

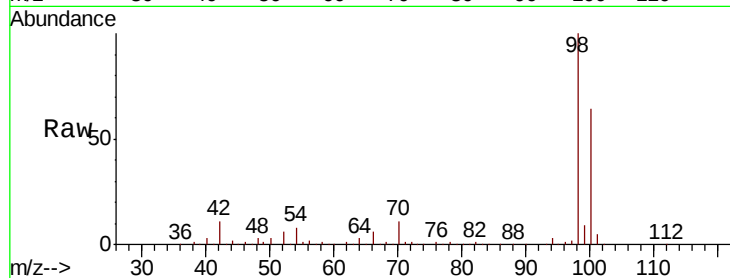
EP2-SB-110(17-19)MEDL

Tot Ion: 98 Resp: 247812

Ion Ratio Lower Upper

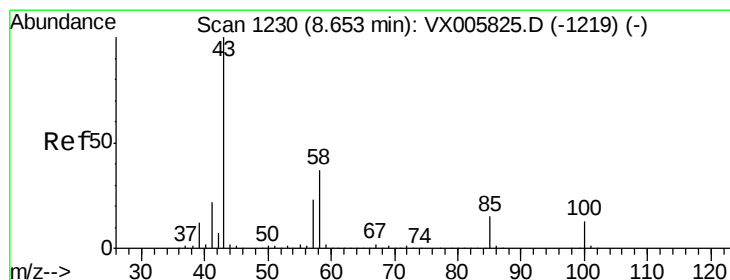
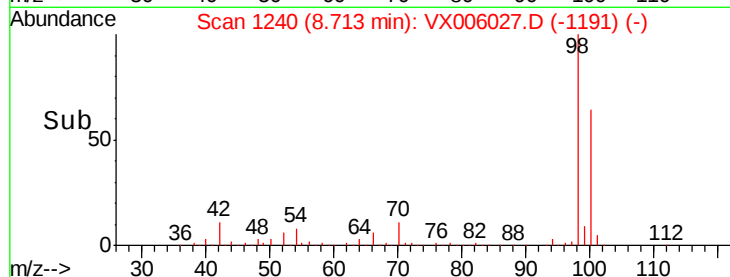
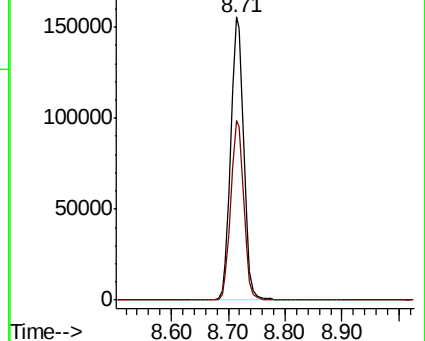
98 100

100 63.5 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 1.858 ug/l

RT: 8.68 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VX006027.D

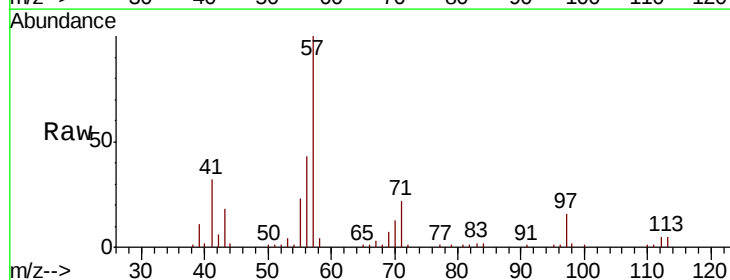
Acq: 15 Nov 2018 18:26

Tgt Ion: 43 Resp: 4294

Ion Ratio Lower Upper

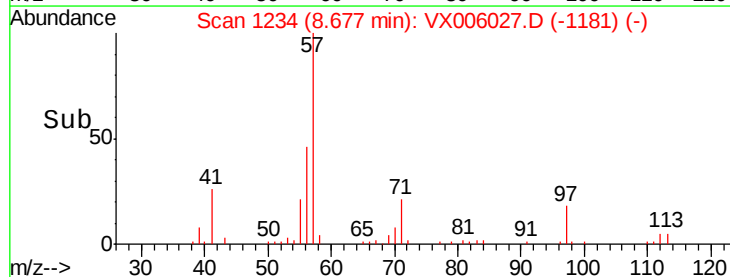
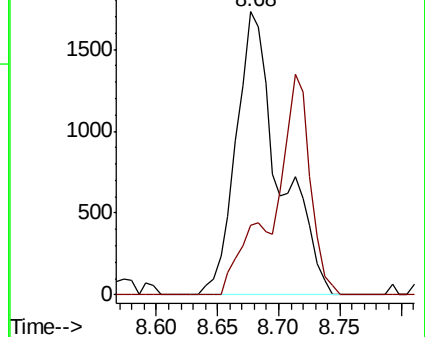
43 100

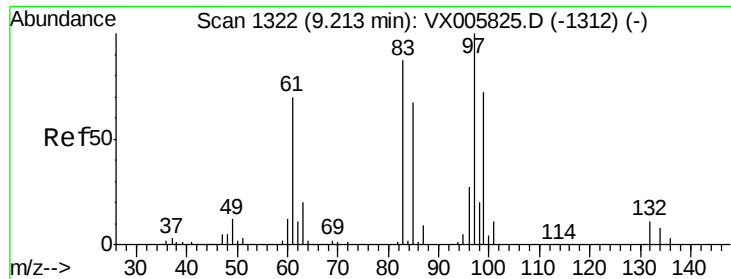
58 0.0 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

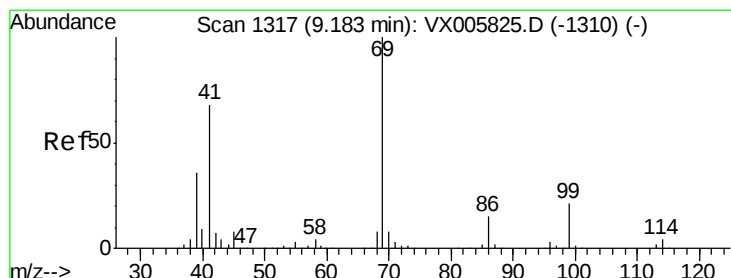
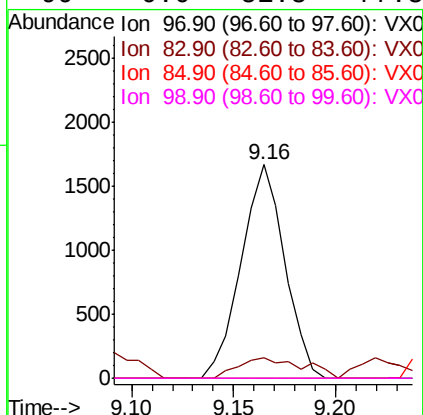
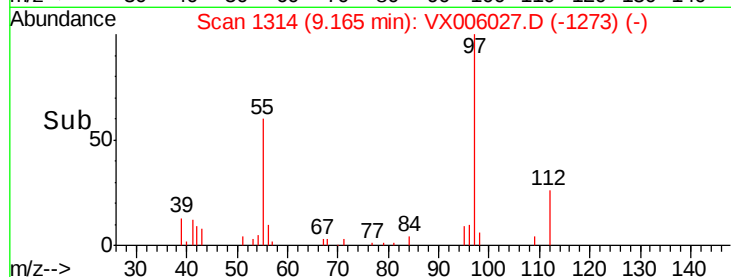
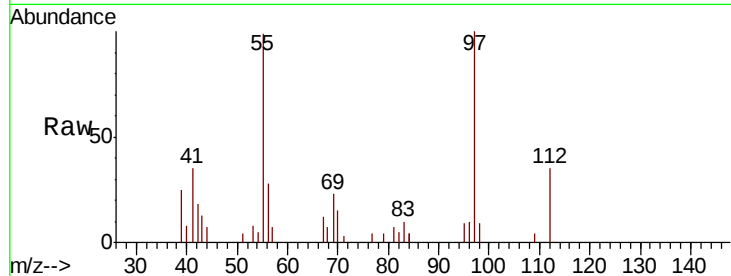




#55  
 1,1,2-Trichloroethane  
 Concen: 1.771 ug/l  
 RT: 9.16 min Scan# 1314  
 Delta R.T. -0.05 min  
 Lab File: VX006027.D  
 Acq: 15 Nov 2018 18:26

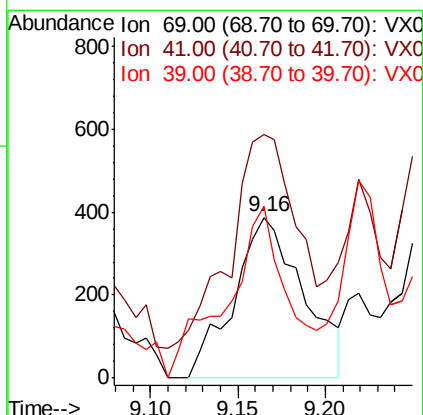
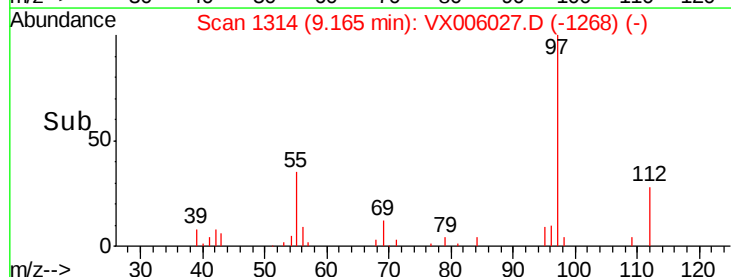
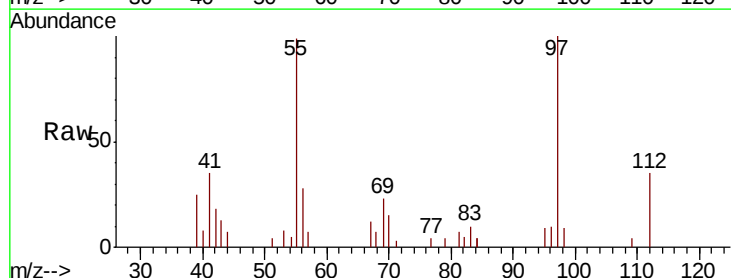
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EP2-SB-110(17-19)MEDL

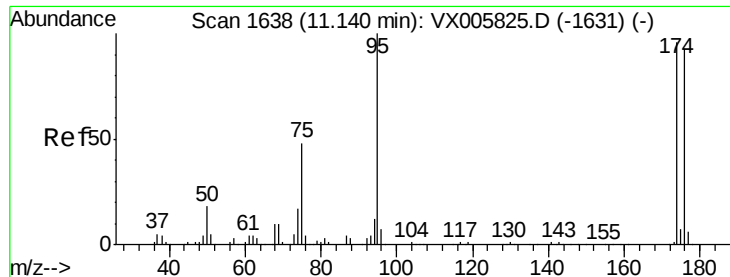
Tot Ion: 97 Resp: 2475  
 Ion Ratio Lower Upper  
 97 100  
 83 9.9 70.7 106.1#  
 85 0.0 45.8 68.6#  
 99 0.0 51.8 77.8#



#56  
 Ethyl methacrylate  
 Concen: 0.512 ug/l  
 RT: 9.16 min Scan# 1314  
 Delta R.T. -0.02 min  
 Lab File: VX006027.D  
 Acq: 15 Nov 2018 18:26

Tgt Ion: 69 Resp: 1071  
 Ion Ratio Lower Upper  
 69 100  
 41 127.1 57.0 85.6#  
 39 93.3 28.3 42.5#

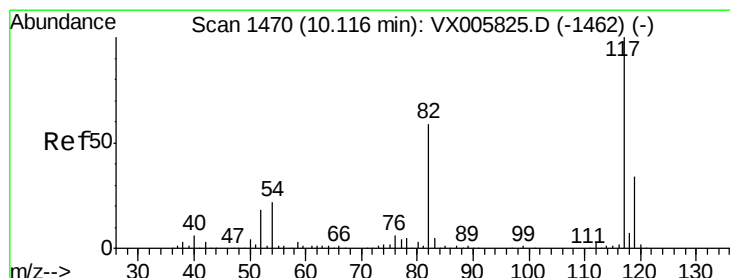
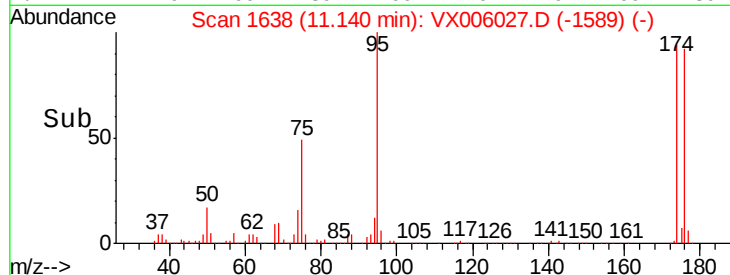
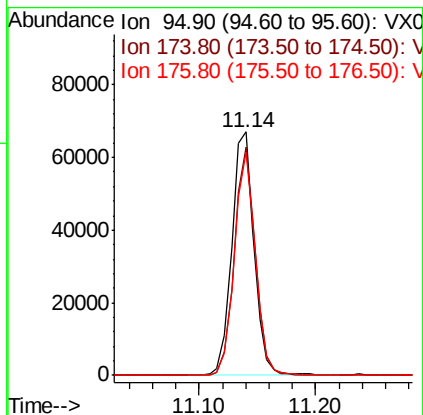
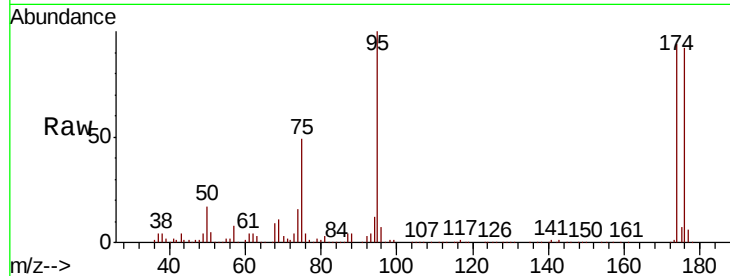




#62  
4-Bromofluorobenzene  
Concen: 54.625 ug/l  
RT: 11.14 min Scan# 1638  
Delta R.T. -0.00 min  
Lab File: VX006027.D  
Acq: 15 Nov 2018 18:26

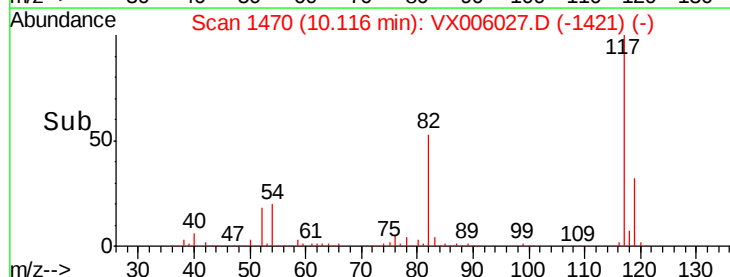
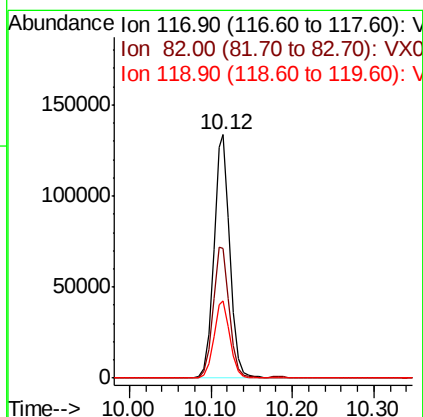
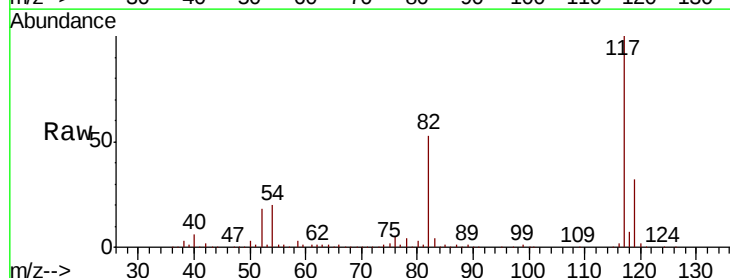
Instrument :  
MSVOA\_X  
ClientSampleId :  
EP2-SB-110(17-19)MEDL

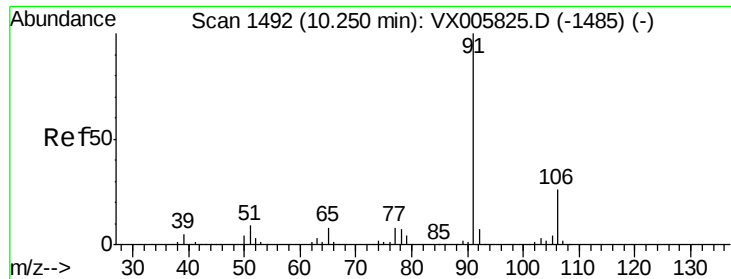
Tot Ion: 95 Resp: 88670  
Ion Ratio Lower Upper  
95 100  
174 89.0 0.0 184.4  
176 87.0 0.0 177.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. -0.00 min  
Lab File: VX006027.D  
Acq: 15 Nov 2018 18:26

Tgt Ion: 117 Resp: 184931  
Ion Ratio Lower Upper  
117 100  
82 53.1 44.1 66.1  
119 31.9 26.2 39.2

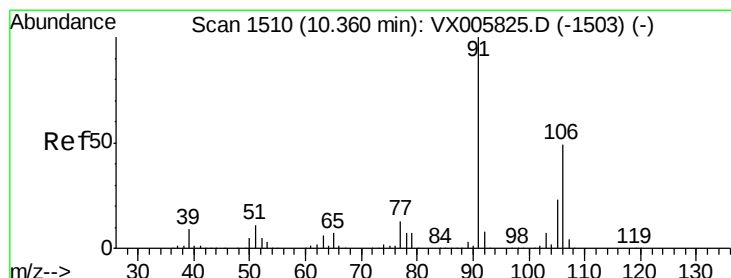
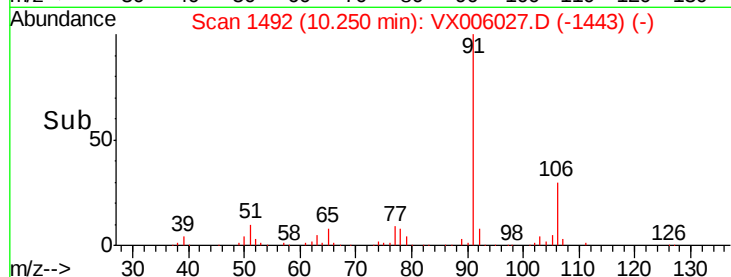
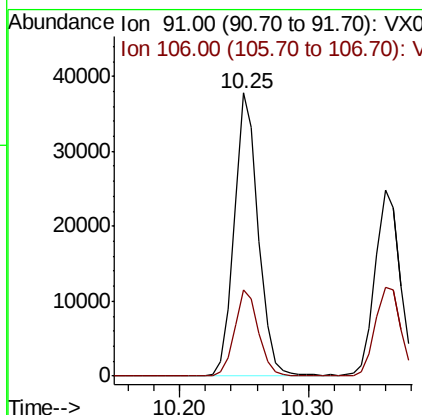
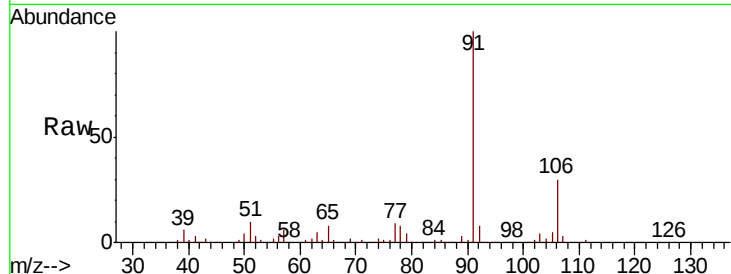




#67  
Ethyl Benzene  
Concen: 8.221 ug/l  
RT: 10.25 min Scan# 1492  
Delta R.T. -0.00 min  
Lab File: VX006027.D  
Acq: 15 Nov 2018 18:26

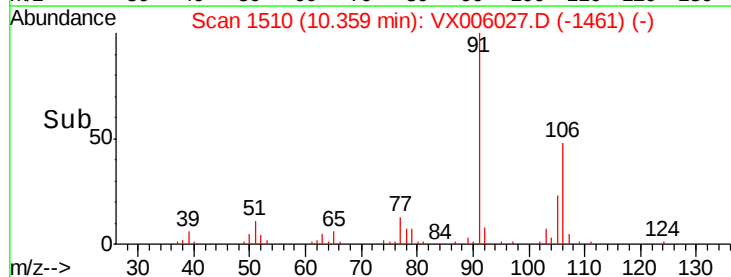
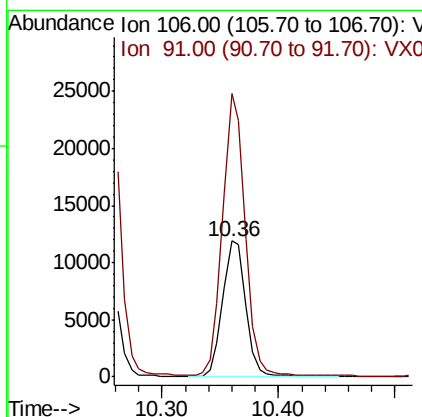
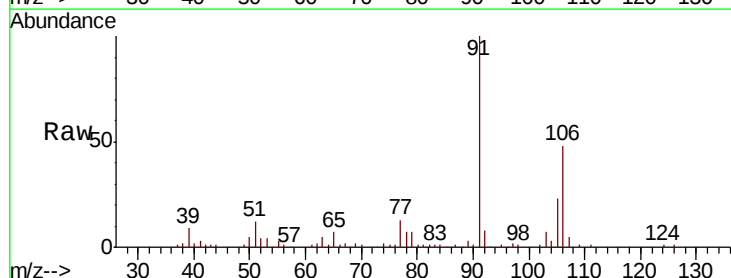
Instrument :  
MSVOA\_X  
ClientSampleId :  
EP2-SB-110(17-19)MEDL

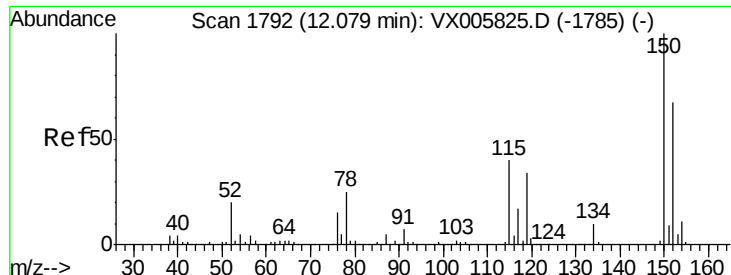
Tot Ion: 91 Resp: 48837  
Ion Ratio Lower Upper  
91 100  
106 30.4 24.4 36.6



#68  
m/p-Xylenes  
Concen: 7.275 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. -0.00 min  
Lab File: VX006027.D  
Acq: 15 Nov 2018 18:26

Tgt Ion: 106 Resp: 16485  
Ion Ratio Lower Upper  
106 100  
91 199.2 164.2 246.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006027.D

Acq: 15 Nov 2018 18:26

Instrument :

MSVOA\_X

ClientSampleId :

EP2-SB-110(17-19)MEDL

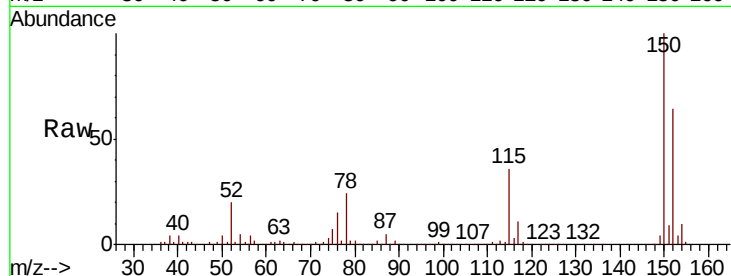
Tot Ion:152 Resp: 93161

Ion Ratio Lower Upper

152 100

115 56.1 39.4 118.1

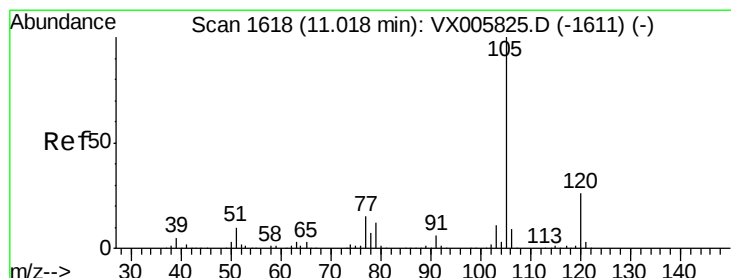
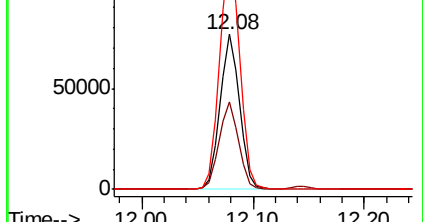
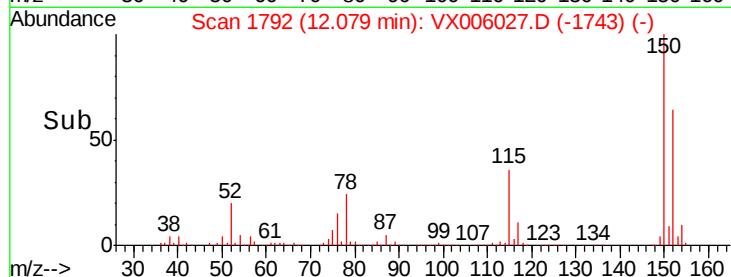
150 156.8 0.0 346.4



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



#73

Isopropylbenzene

Concen: 1.210 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006027.D

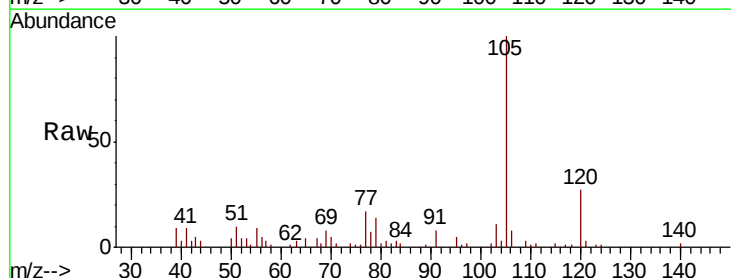
Acq: 15 Nov 2018 18:26

Tgt Ion:105 Resp: 6519

Ion Ratio Lower Upper

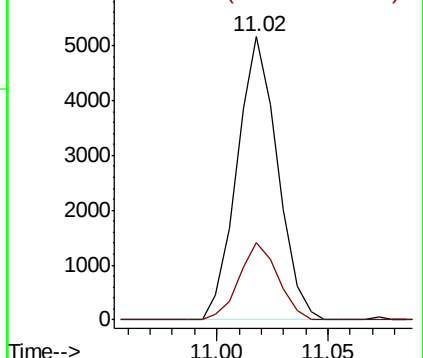
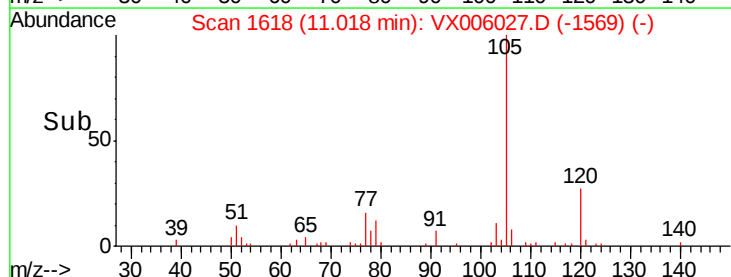
105 100

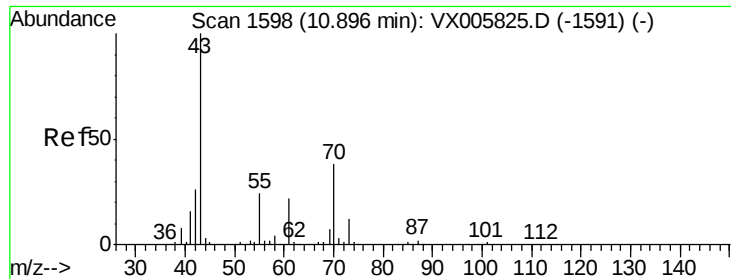
120 26.1 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.647 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX006027.D

Acq: 15 Nov 2018 18:26

Instrument :

MSVOA\_X

ClientSampleId :

EP2-SB-110(17-19)MEDL

Tot Ion: 43 Resp: 1227

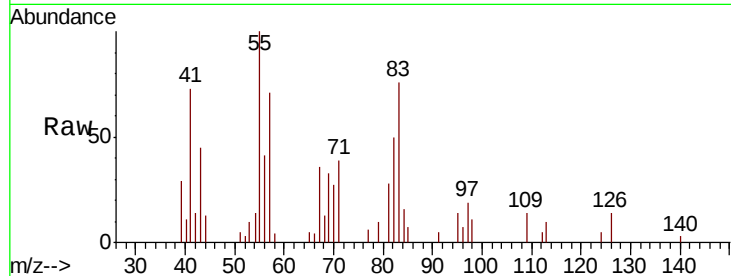
Ion Ratio Lower Upper

43 100

70 102.9 31.6 47.4#

55 256.1 19.7 29.5#

61 0.0 18.3 27.5#

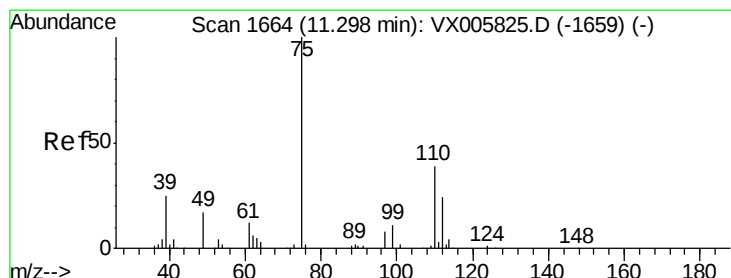
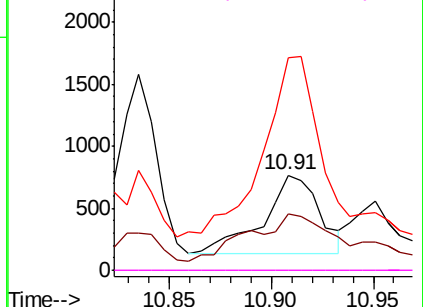
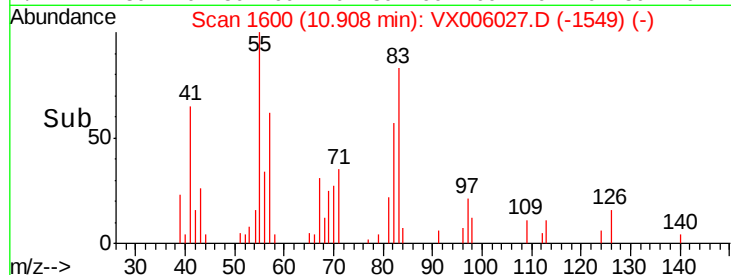


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 22.922 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX006027.D

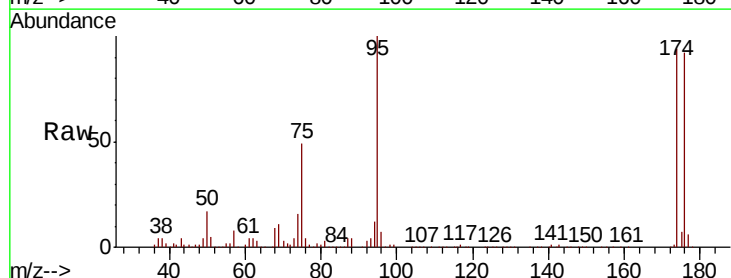
Acq: 15 Nov 2018 18:26

Tgt Ion: 75 Resp: 43483

Ion Ratio Lower Upper

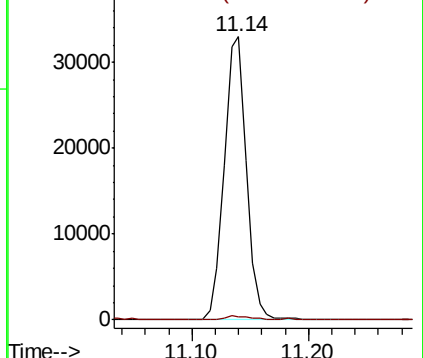
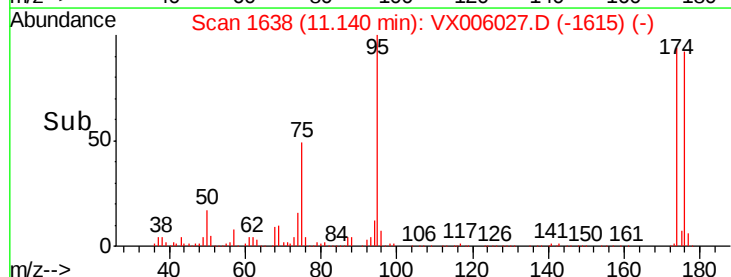
75 100

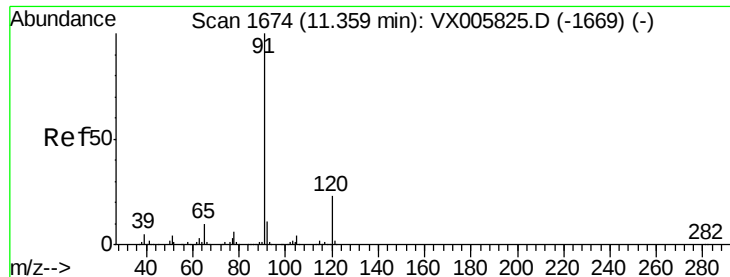
77 1.4 20.5 61.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 5.044 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006027.D

Acq: 15 Nov 2018 18:26

Instrument :

MSVOA\_X

ClientSampleId :

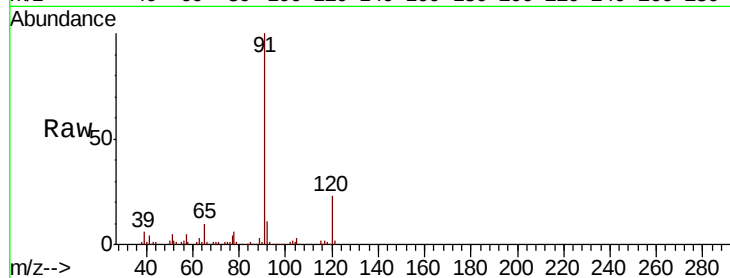
EP2-SB-110(17-19)MEDL

Tot Ion: 91 Resp: 32025

Ion Ratio Lower Upper

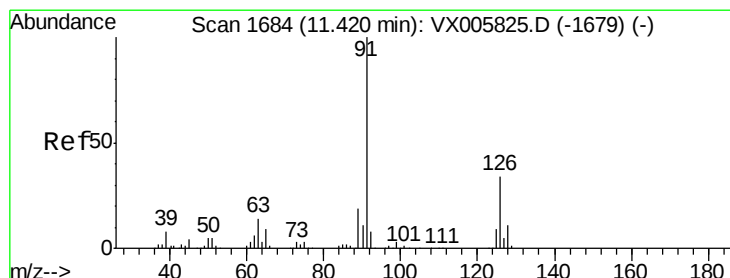
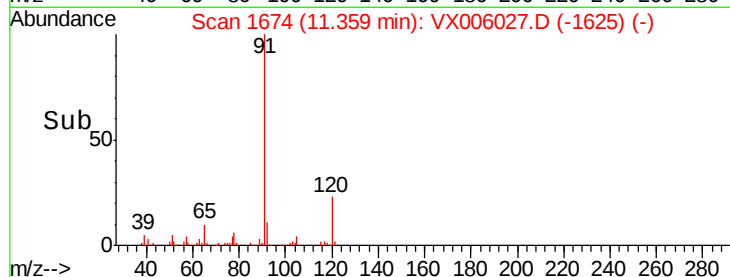
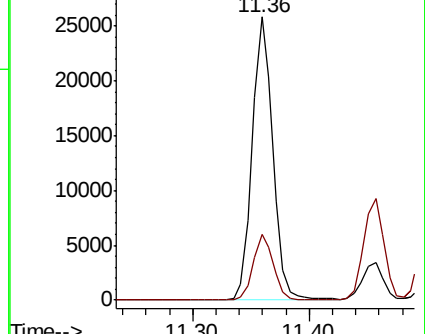
91 100

120 22.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 1.131 ug/l

RT: 11.46 min Scan# 1690

Delta R.T. 0.04 min

Lab File: VX006027.D

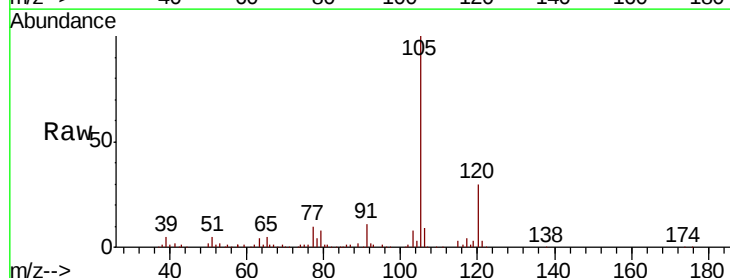
Acq: 15 Nov 2018 18:26

Tgt Ion: 91 Resp: 4342

Ion Ratio Lower Upper

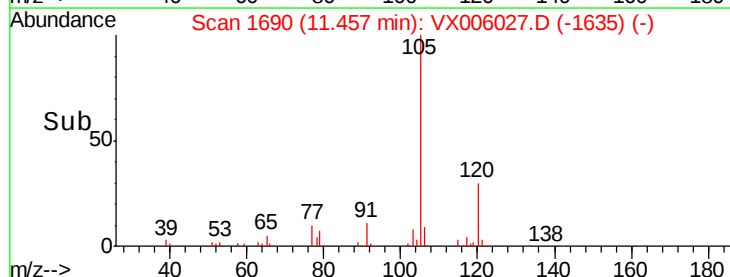
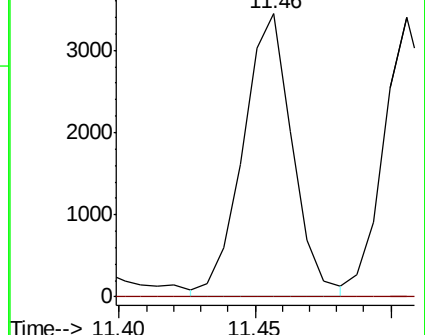
91 100

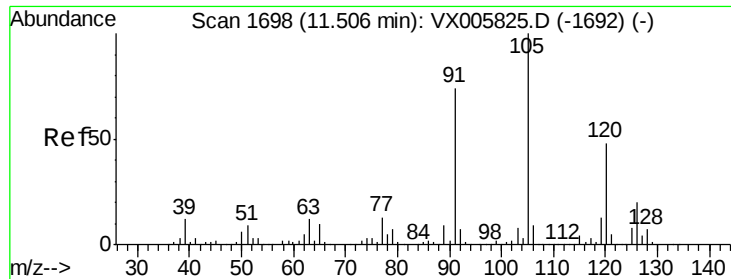
126 0.0 17.3 52.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

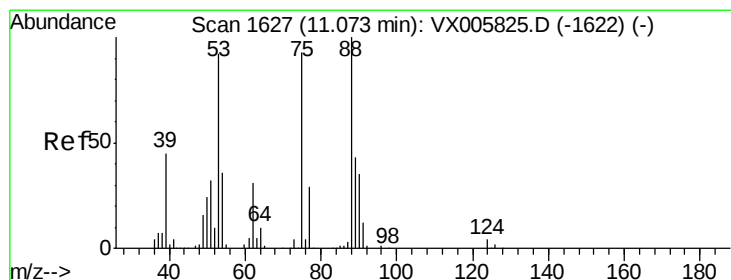
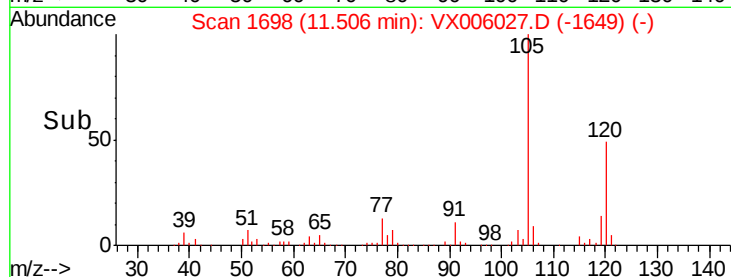
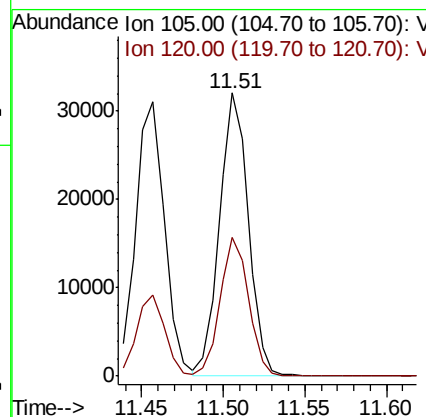
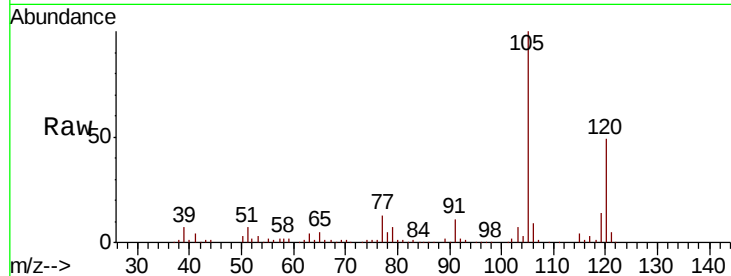




#80  
 1,3,5-Trimethylbenzene  
 Concen: 8.666 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. -0.00 min  
 Lab File: VX006027.D  
 Acq: 15 Nov 2018 18:26

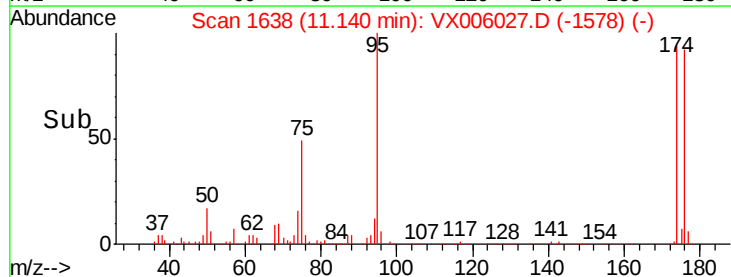
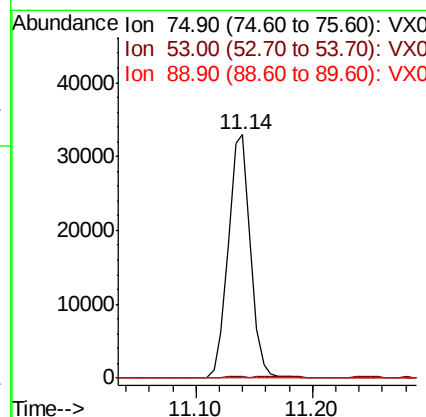
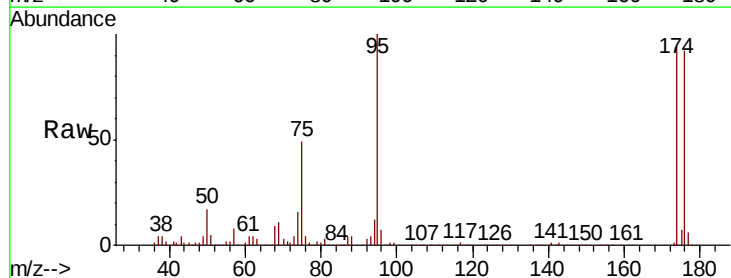
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EP2-SB-110(17-19)MEDL

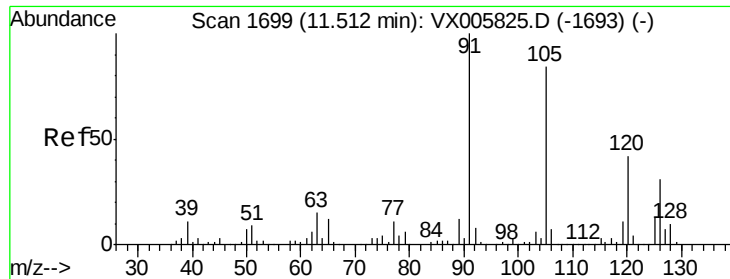
Tot Ion:105 Resp: 39676  
 Ion Ratio Lower Upper  
 105 100  
 120 48.1 24.1 72.2



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 73.058 ug/l  
 RT: 11.14 min Scan# 1638  
 Delta R.T. 0.07 min  
 Lab File: VX006027.D  
 Acq: 15 Nov 2018 18:26

Tgt Ion: 75 Resp: 43483  
 Ion Ratio Lower Upper  
 75 100  
 53 0.3 80.2 120.2#  
 89 0.0 39.8 59.8#

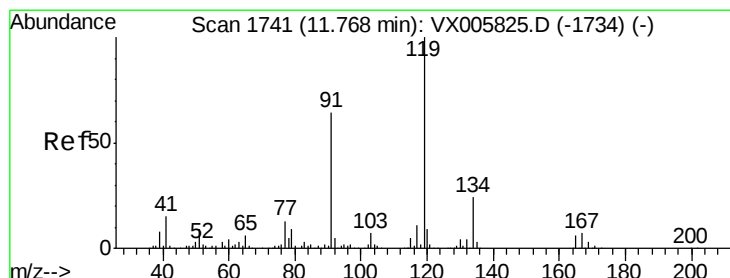
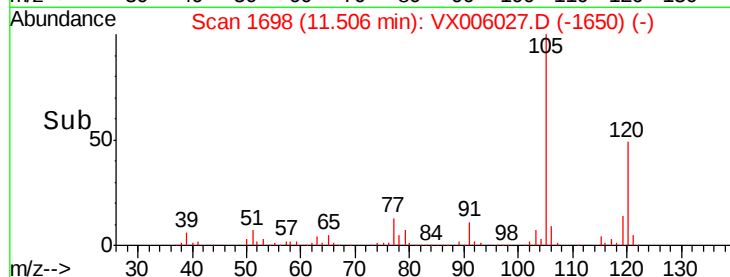
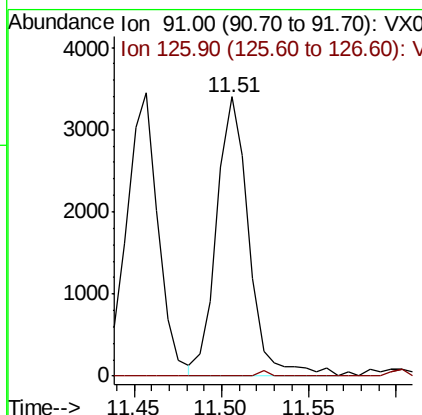
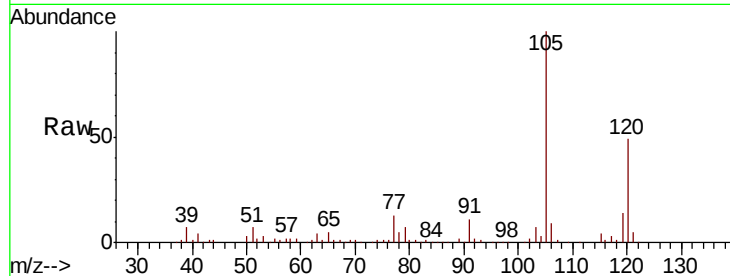




#82  
4-Chlorotoluene  
Concen: 0.967 ug/l  
RT: 11.51 min Scan# 1698  
Delta R.T. -0.01 min  
Lab File: VX006027.D  
Acq: 15 Nov 2018 18:26

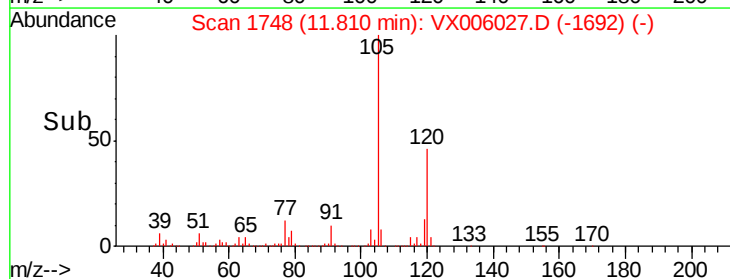
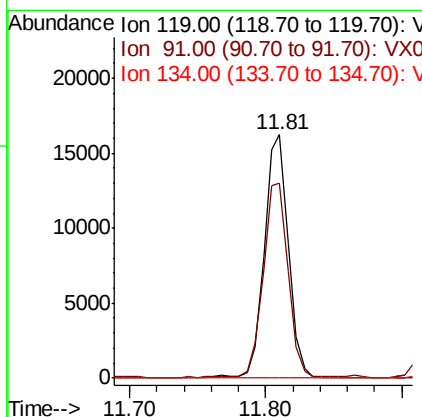
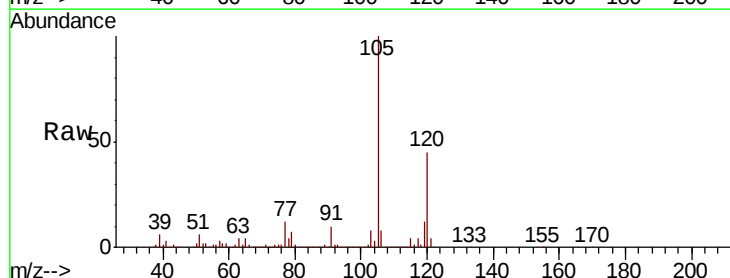
Instrument :  
MSVOA\_X  
ClientSampleId :  
EP2-SB-110(17-19)MEDL

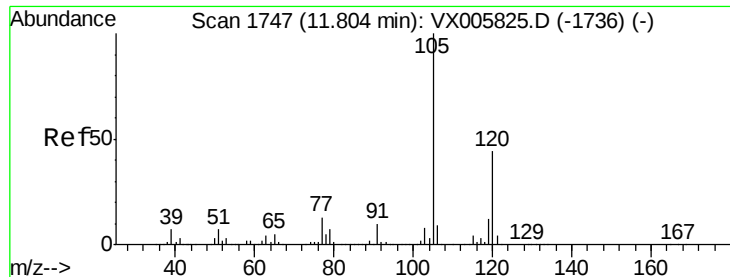
Tot Ion: 91 Resp: 4373  
Ion Ratio Lower Upper  
91 100  
126 0.6 15.2 45.6#



#83  
tert-Butylbenzene  
Concen: 4.349 ug/l  
RT: 11.81 min Scan# 1748  
Delta R.T. 0.04 min  
Lab File: VX006027.D  
Acq: 15 Nov 2018 18:26

Tgt Ion: 119 Resp: 20142  
Ion Ratio Lower Upper  
119 100  
91 83.5 28.5 85.5  
134 0.0 11.3 33.8#

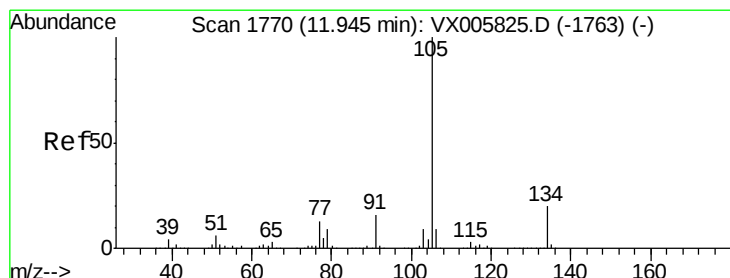
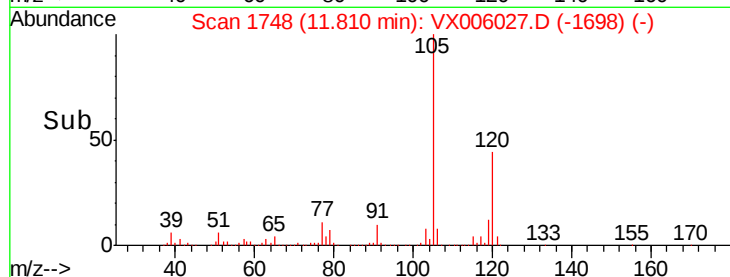
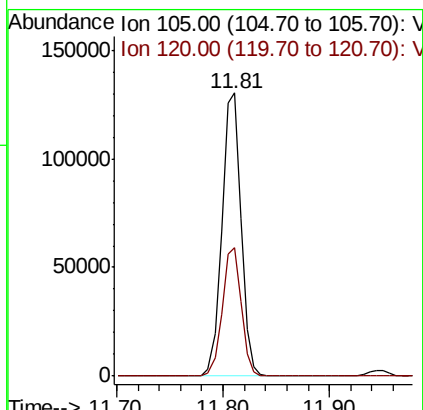
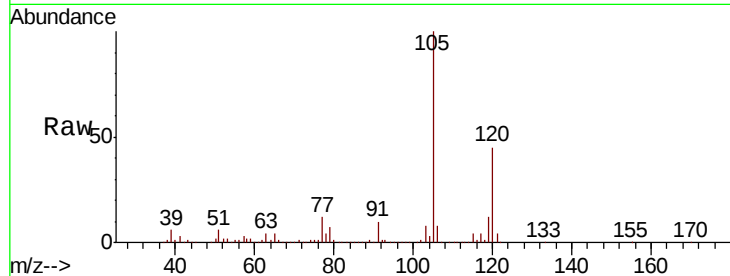




#84  
 1,2,4-Trimethylbenzene  
 Concen: 32.355 ug/l  
 RT: 11.81 min Scan# 1748  
 Delta R.T. 0.01 min  
 Lab File: VX006027.D  
 Acq: 15 Nov 2018 18:26

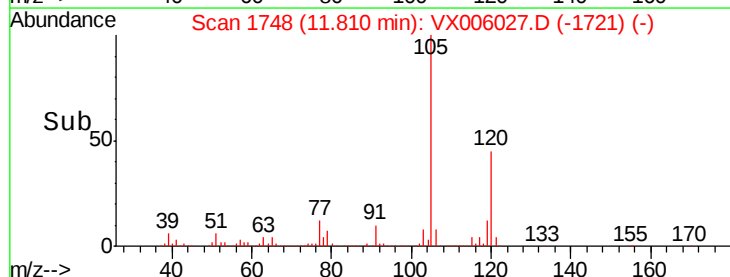
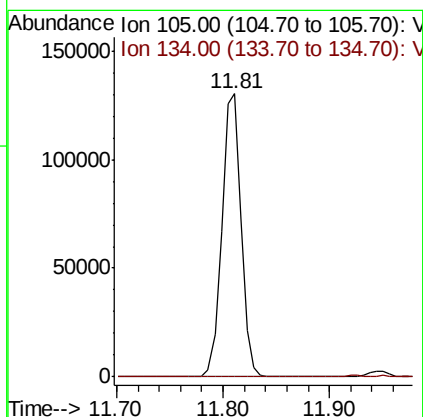
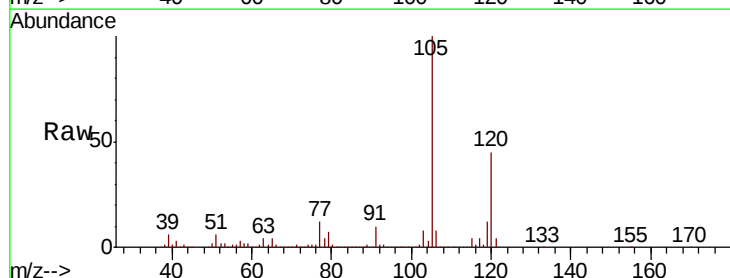
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EP2-SB-110(17-19)MEDL

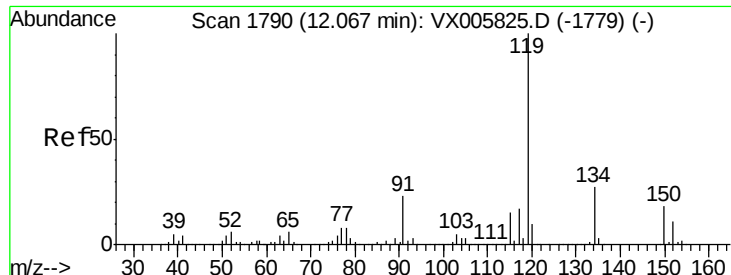
Tot Ion:105 Resp: 163682  
 Ion Ratio Lower Upper  
 105 100  
 120 45.1 22.4 67.0



#85  
 sec-Butylbenzene  
 Concen: 28.900 ug/l  
 RT: 11.81 min Scan# 1748  
 Delta R.T. -0.13 min  
 Lab File: VX006027.D  
 Acq: 15 Nov 2018 18:26

Tgt Ion:105 Resp: 163682  
 Ion Ratio Lower Upper  
 105 100  
 134 0.0 10.2 30.4#

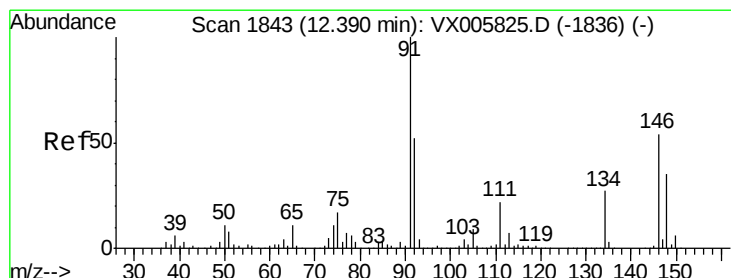
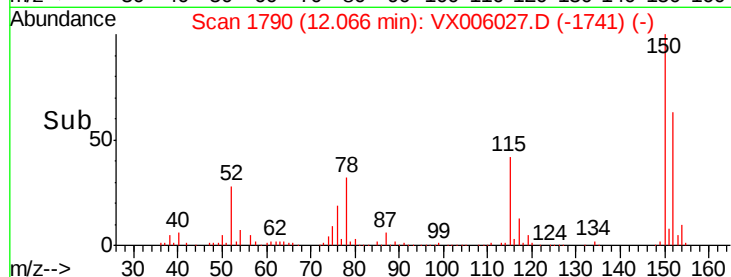
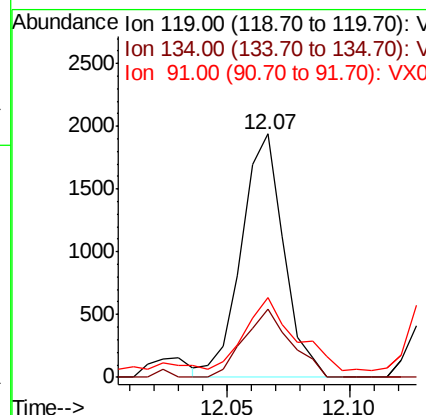
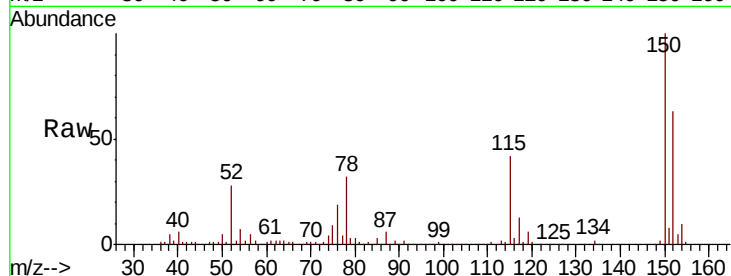




#86  
p-Isopropyltoluene  
Concen: 0.467 ug/l  
RT: 12.07 min Scan# 1790  
Delta R.T. -0.00 min  
Lab File: VX006027.D  
Acq: 15 Nov 2018 18:26

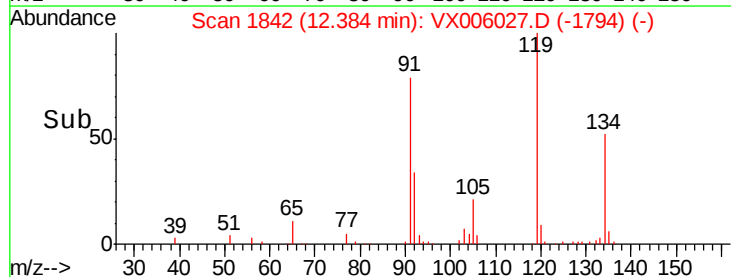
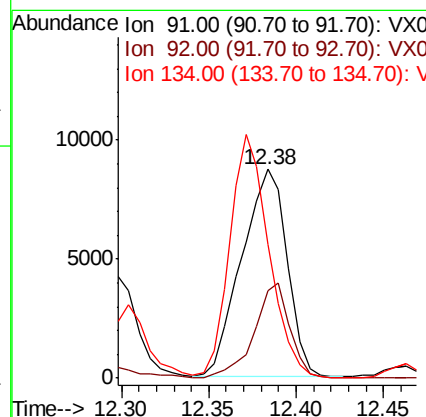
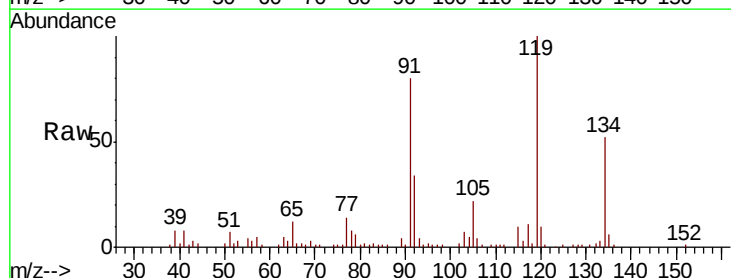
Instrument :  
MSVOA\_X  
ClientSampleId :  
EP2-SB-110(17-19)MEDL

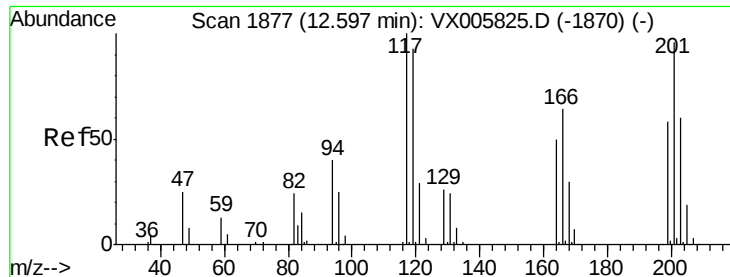
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 30.7  | 13.0  | 39.0  |
| 91      | 35.0  | 11.4  | 34.2  |



#89  
n-Butylbenzene  
Concen: 3.370 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. -0.01 min  
Lab File: VX006027.D  
Acq: 15 Nov 2018 18:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 35.9  | 26.1  | 78.2  |
| 134     | 101.3 | 13.1  | 39.3  |





#90

Hexachloroethane

Concen: 2.428 ug/l

RT: 12.61 min Scan# 1879

Delta R.T. 0.01 min

Lab File: VX006027.D

Acq: 15 Nov 2018 18:26

Instrument :

MSVOA\_X

ClientSampleId :

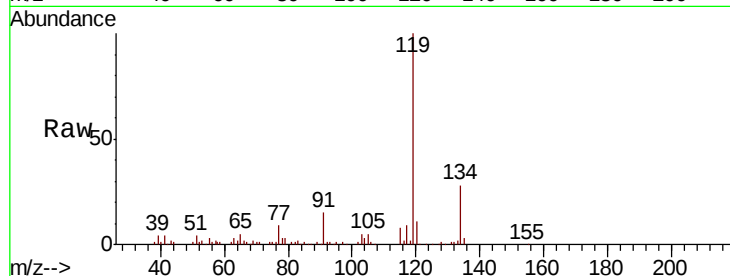
EP2-SB-110(17-19)MEDL

Tot Ion:117 Resp: 2034

Ion Ratio Lower Upper

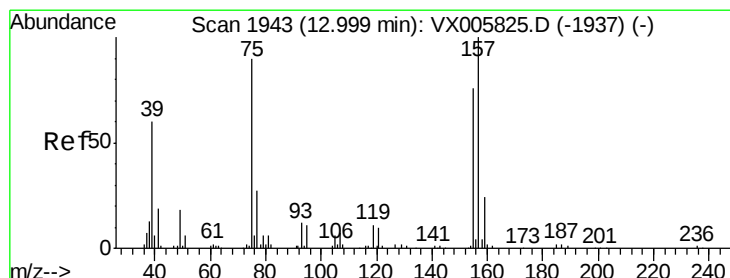
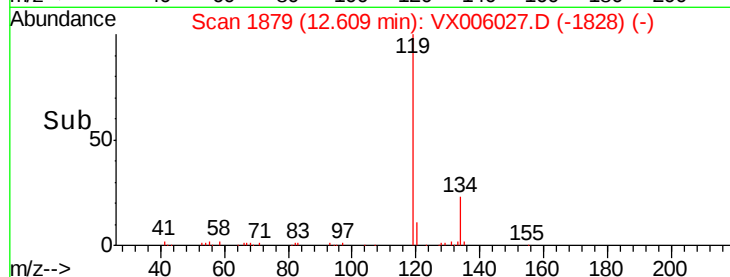
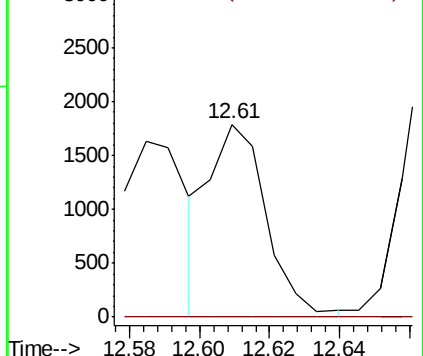
117 100

201 0.0 47.9 143.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.491 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX006027.D

Acq: 15 Nov 2018 18:26

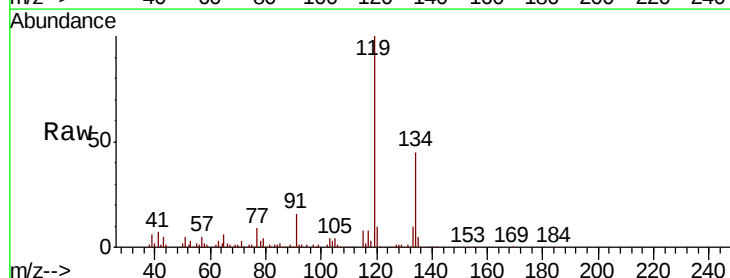
Tgt Ion: 75 Resp: 237

Ion Ratio Lower Upper

75 100

155 0.0 45.4 136.1#

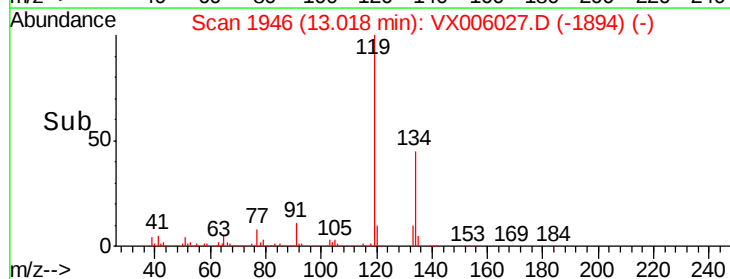
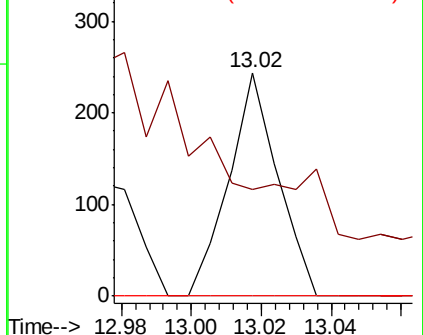
157 0.0 57.4 172.0#

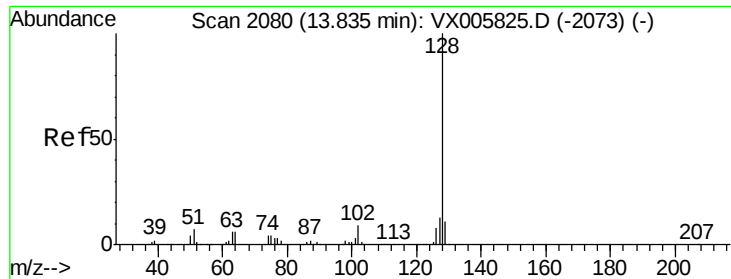


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

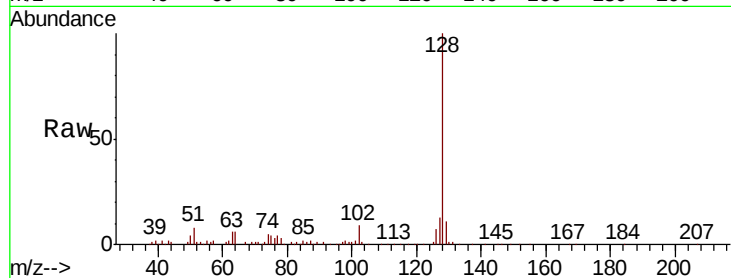




#95  
Naphthalene  
Concen: 6.034 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. 0.00 min  
Lab File: VX006027.D  
Acq: 15 Nov 2018 18:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
EP2-SB-110(17-19)MEDL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.6  | 10.4  | 15.6  |
| 129     | 12.0  | 8.7   | 13.1  |



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

