

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030818\
 Data File : VX000235.D
 Acq On : 08 Mar 2018 21:52
 Operator : JC/MD
 Sample : J1820-02 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1

Quant Time: Mar 09 04:18:16 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	34632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	61621	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	58503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	29474	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.09	65	24821	51.70	ug/l	0.00
Spiked Amount			Recovery	=	103.40%	
35) Dibromofluoromethane	5.52	113	17262	44.60	ug/l	0.00
Spiked Amount			Recovery	=	89.20%	
50) Toluene-d8	8.73	98	64628	40.31	ug/l	0.00
Spiked Amount			Recovery	=	80.62%	
62) 4-Bromofluorobenzene	11.15	95	22638	36.18	ug/l	0.00
Spiked Amount			Recovery	=	72.36%	

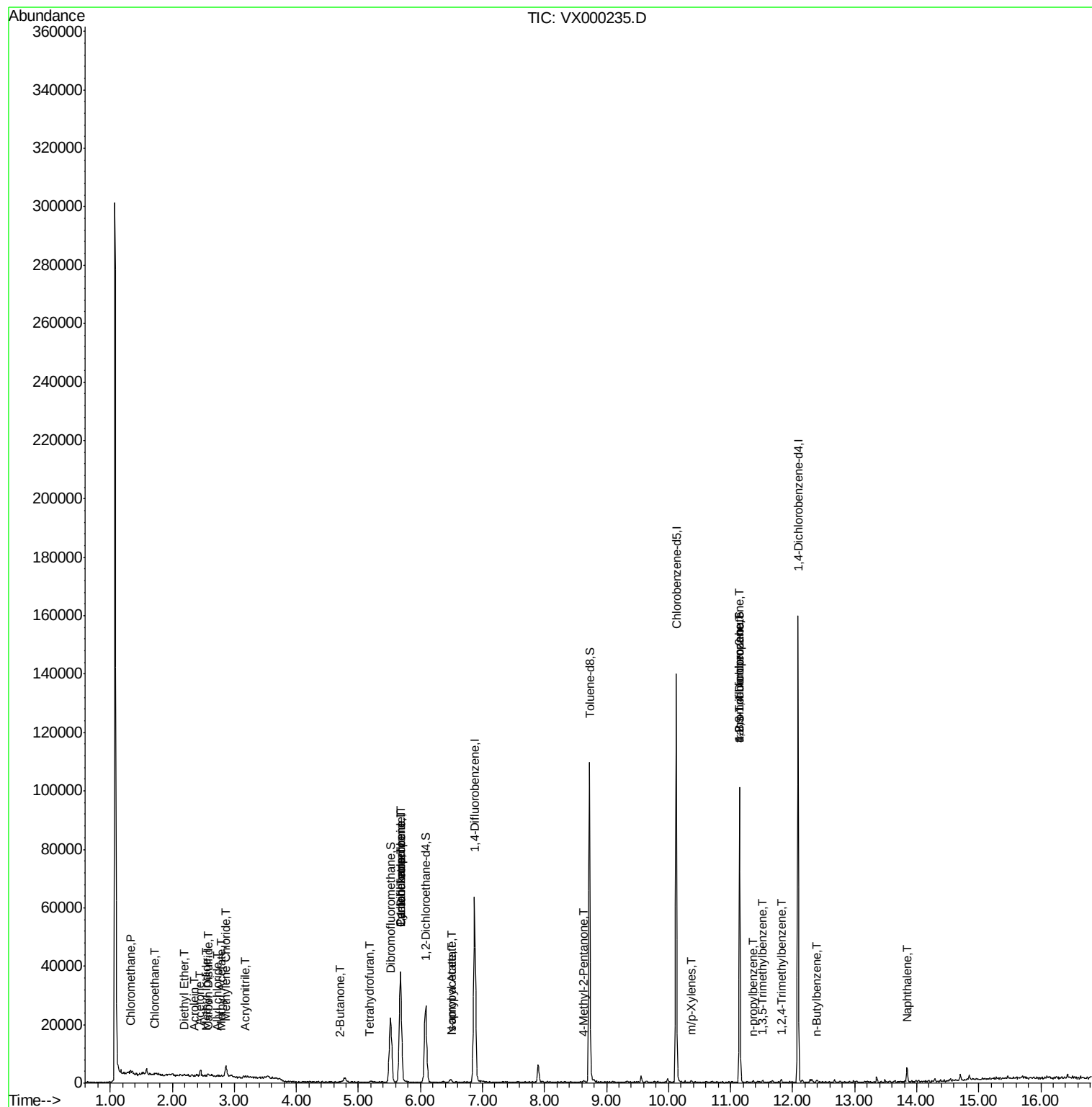
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	356	0.97	ug/l #	63
5) Bromomethane	1.65	94	234	Below Cal	#	45
6) Chloroethane	1.71	64	188	0.23	ug/l #	42
8) Diethyl Ether	2.20	74	97	0.37	ug/l #	1
10) Methyl Iodide	2.54	142	76	3.32	ug/l #	37
13) Acrolein	2.36	56	63	0.68	ug/l #	62
14) Allyl chloride	2.72	41	218	0.32	ug/l #	23
15) Acrylonitrile	3.17	53	164	0.53	ug/l #	56
16) Acetone	2.45	43	2267	6.58	ug/l	94
17) Carbon Disulfide	2.57	76	509	0.51	ug/l #	76
18) Methyl Acetate	2.78	43	323	0.44	ug/l #	52
20) Methylene Chloride	2.86	84	1429	3.48	ug/l #	88
25) 2-Butanone	4.71	43	246	0.58	ug/l #	50
29) Tetrahydrofuran	5.18	42	110	0.41	ug/l #	63
31) Cyclohexane	5.68	56	850	1.62	ug/l #	33
36) 1,1-Dichloropropene	5.68	75	2819	5.14	ug/l #	50
38) Carbon Tetrachloride	5.68	117	3637	6.55	ug/l #	12
43) Isopropyl Acetate	6.49	43	1380	1.20	ug/l #	81
51) 4-Methyl-2-Pentanone	8.63	43	393	0.45	ug/l #	37
68) m/p-Xylenes	10.37	106	171	0.22	ug/l	98
74) N-amyl acetate	6.49	43	1380	1.46	ug/l #	86
76) 1,2,3-Trichloropropane	11.15	75	12547	21.24	ug/l #	33
78) n-propylbenzene	11.37	91	467	0.22	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	464	0.30	ug/l	75
81) trans-1,4-Dichloro-2-buten	11.15	75	12547	65.03	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.82	105	570	0.36	ug/l	95
89) n-Butylbenzene	12.40	91	406	0.25	ug/l	91
95) Naphthalene	13.85	128	2982	1.31	ug/l	98

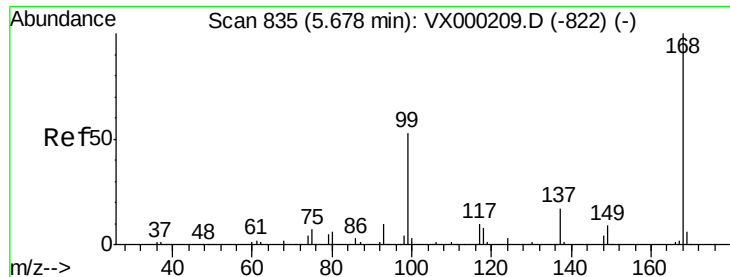
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
TP-1

Quant Time: Mar 09 04:18:16 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000235.D

Acq: 08 Mar 2018 21:52

Instrument :

MSVOA_X

ClientSampled :

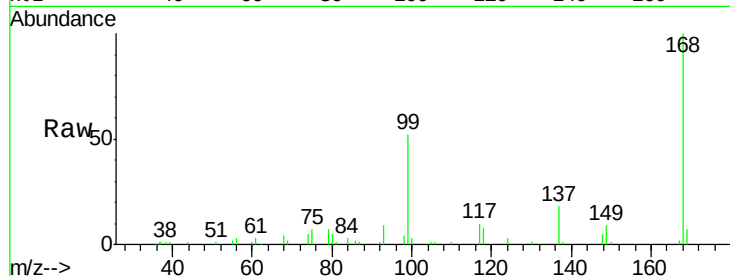
TP-1

Tot Ion:168 Resp: 34632

Ion Ratio Lower Upper

168 100

99 51.6 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

15000

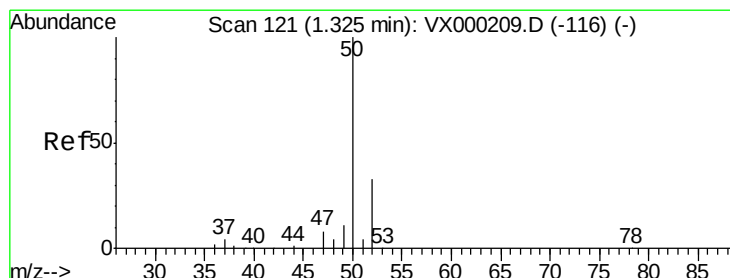
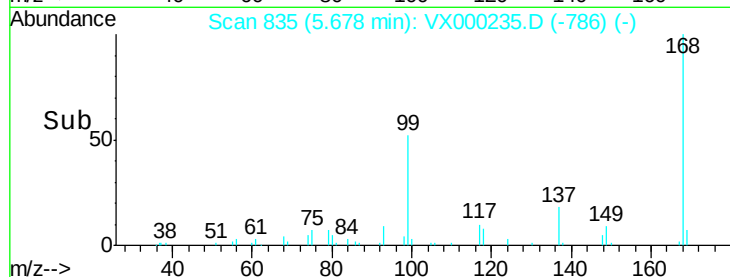
10000

5000

0

Time-->

5.60 5.70 5.80



#3

Chloromethane

Concen: 0.97 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000235.D

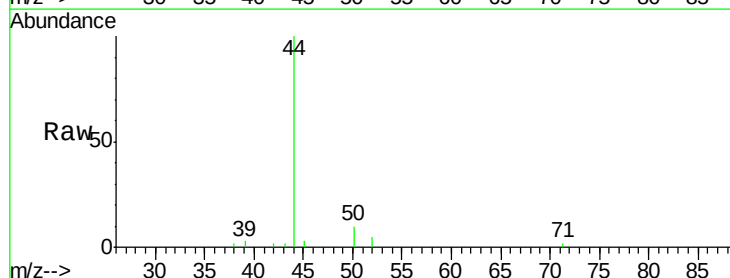
Acq: 08 Mar 2018 21:52

Tgt Ion: 50 Resp: 356

Ion Ratio Lower Upper

50 100

52 53.6 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

400

300

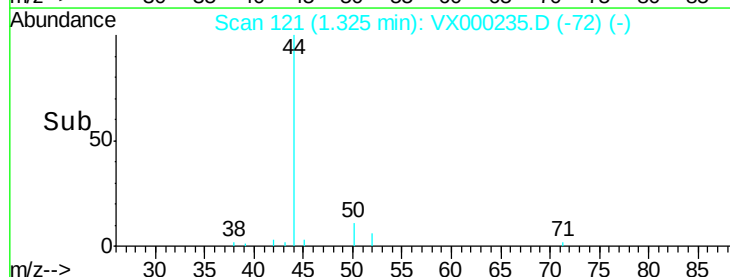
200

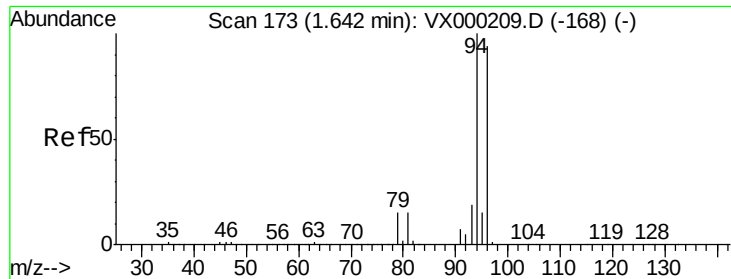
100

0

Time-->

1.30 1.32 1.34 1.36





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.01 min

Lab File: VX000235.D

Acq: 08 Mar 2018 21:52

Instrument :

MSVOA_X

ClientSampled :

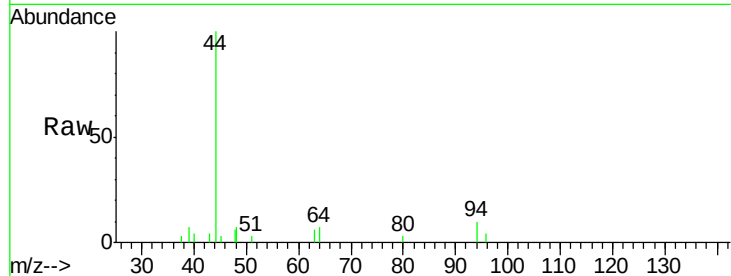
TP-1

Tot Ion: 94 Resp: 234

Ion Ratio Lower Upper

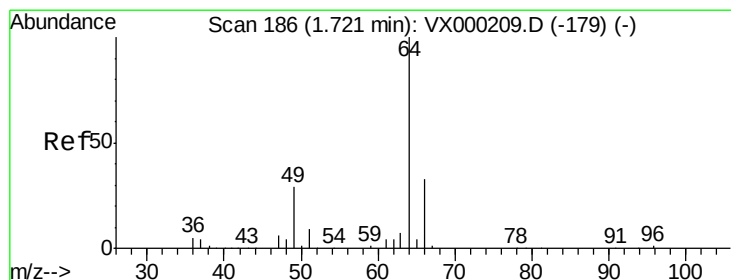
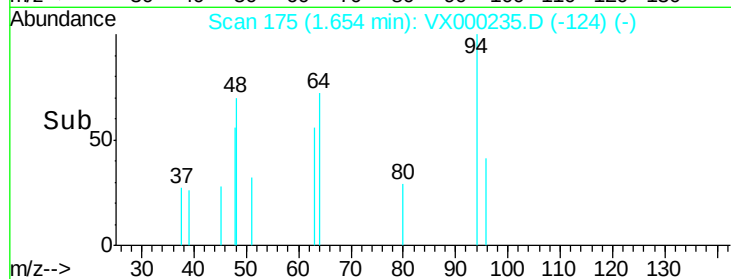
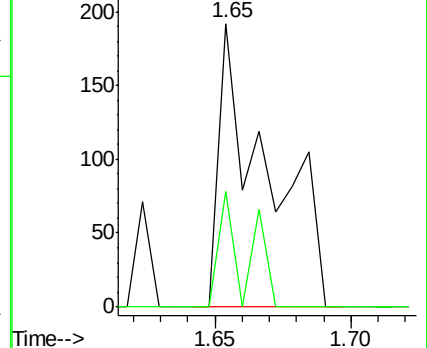
94 100

96 40.6 75.3 112.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.23 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX000235.D

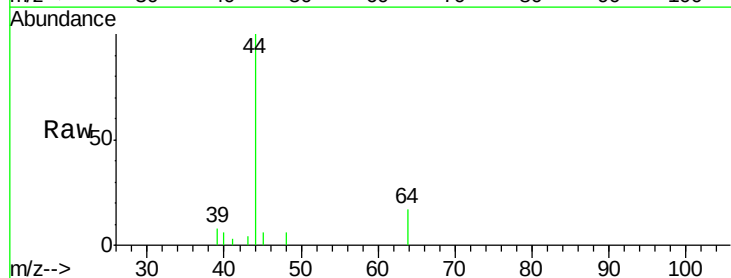
Acq: 08 Mar 2018 21:52

Tgt Ion: 64 Resp: 188

Ion Ratio Lower Upper

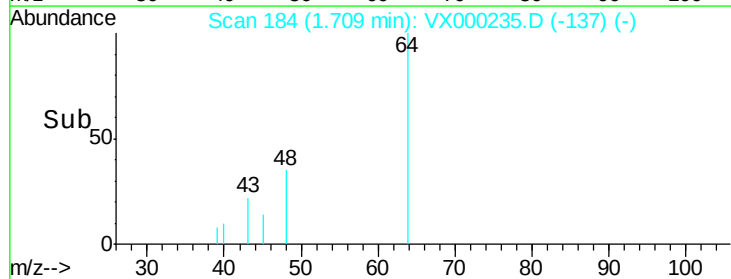
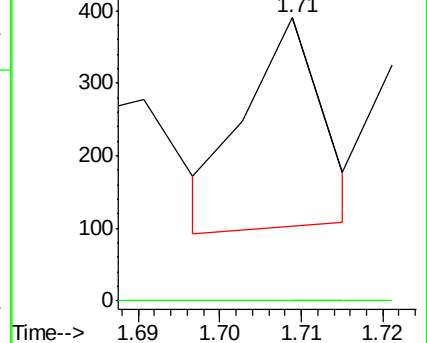
64 100

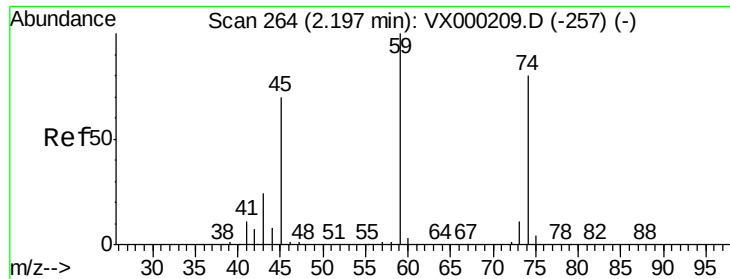
66 0.0 26.2 39.4#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#8

Diethyl Ether

Concen: 0.37 ug/l

RT: 2.20 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX000235.D

Acq: 08 Mar 2018 21:52

Instrument :

MSVOA_X

ClientSampled :

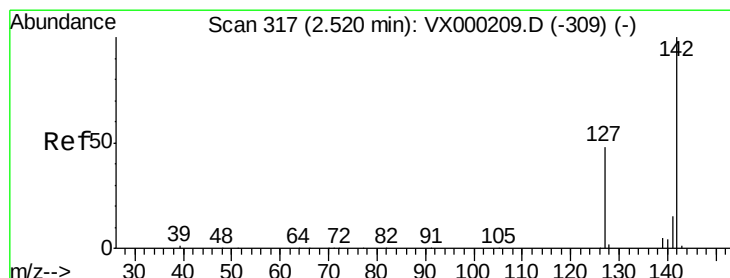
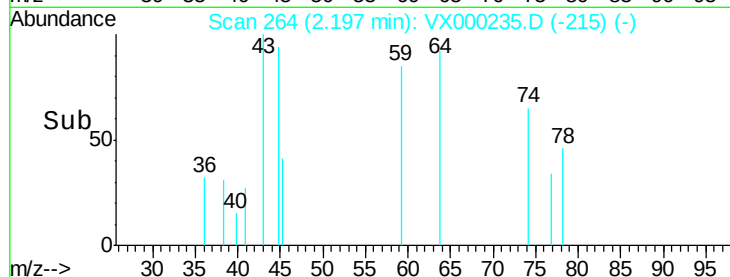
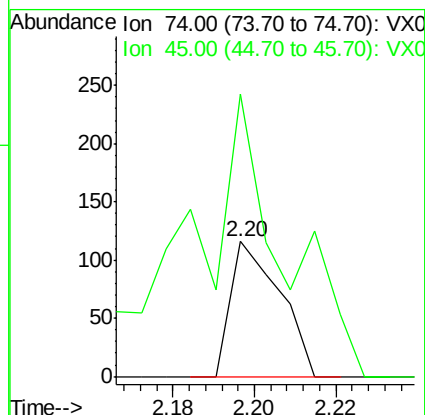
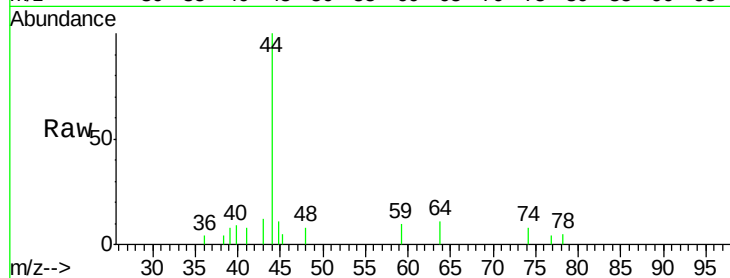
TP-1

Tot Ion: 74 Resp: 97

Ion Ratio Lower Upper

74 100

45 353.6 47.2 141.6#



#10

Methyl Iodide

Concen: 3.32 ug/l

RT: 2.54 min Scan# 320

Delta R.T. 0.02 min

Lab File: VX000235.D

Acq: 08 Mar 2018 21:52

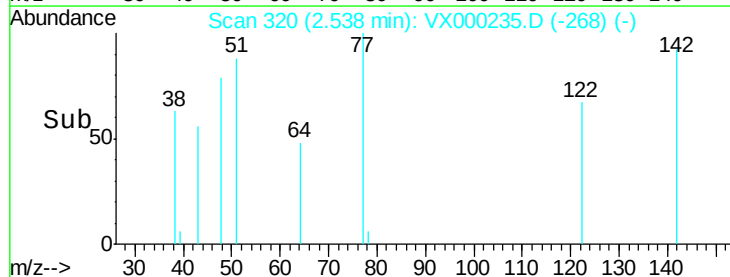
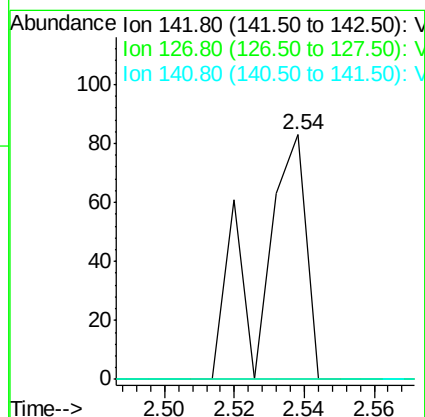
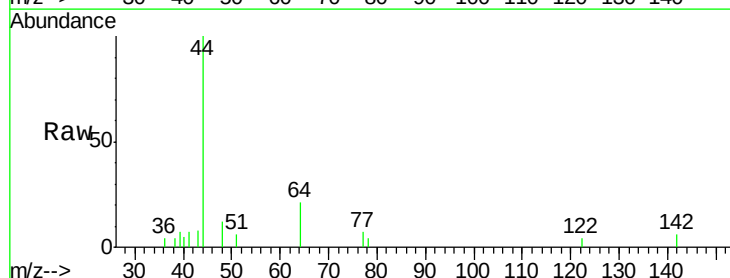
Tgt Ion: 142 Resp: 76

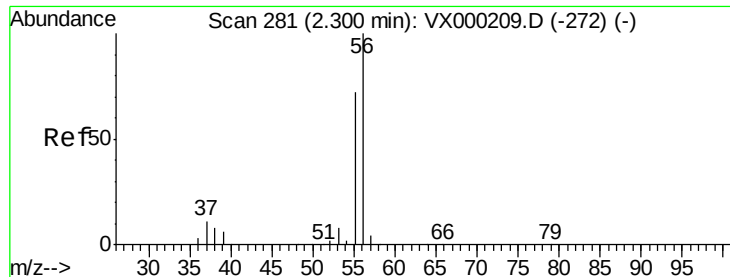
Ion Ratio Lower Upper

142 100

127 0.0 39.0 58.6#

141 0.0 11.6 17.4#





#13

Acrolein

Concen: 0.68 ug/l

RT: 2.36 min Scan# 291

Delta R.T. 0.06 min

Lab File: VX000235.D

Acq: 08 Mar 2018 21:52

Instrument :

MSVOA_X

ClientSampled :

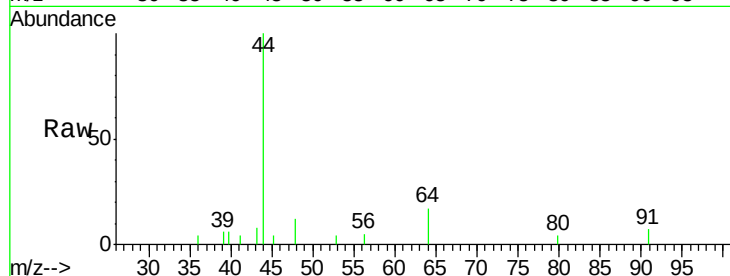
TP-1

Tot Ion: 56 Resp: 63

Ion Ratio Lower Upper

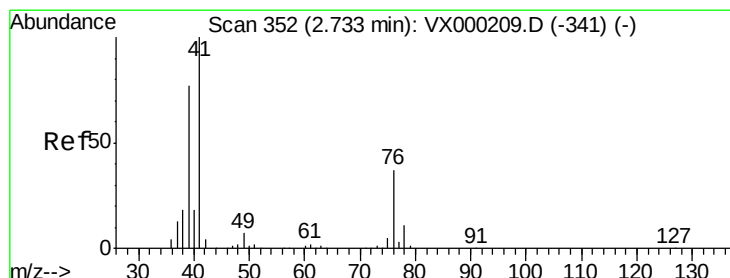
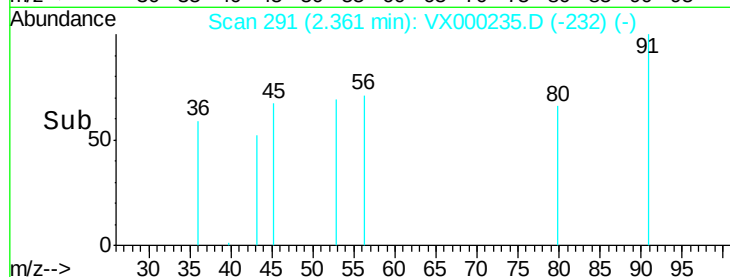
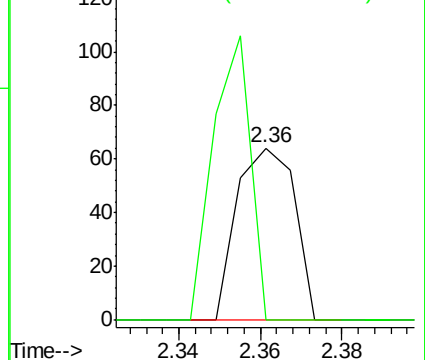
56 100

55 106.3 59.2 88.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 0.32 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX000235.D

Acq: 08 Mar 2018 21:52

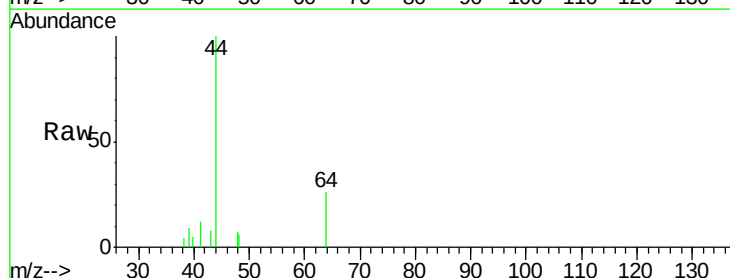
Tgt Ion: 41 Resp: 218

Ion Ratio Lower Upper

41 100

39 0.0 57.0 85.6#

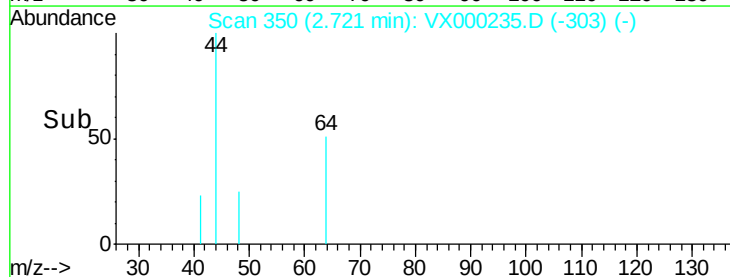
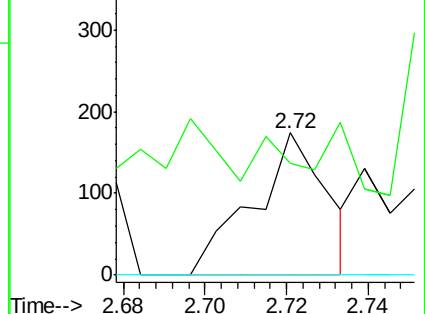
76 0.0 26.8 40.2#

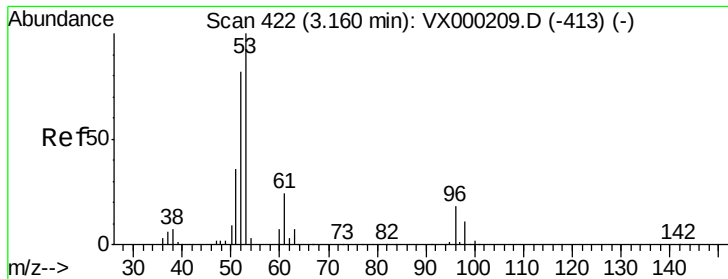


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 0.53 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX000235.D

Acq: 08 Mar 2018 21:52

Instrument :

MSVOA_X

ClientSampleId :

TP-1

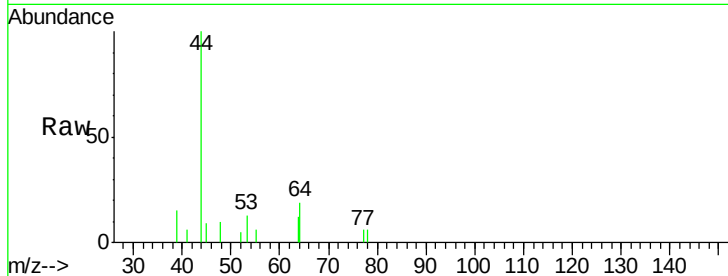
Tot Ion: 53 Resp: 164

Ion Ratio Lower Upper

53 100

52 36.6 66.3 99.5#

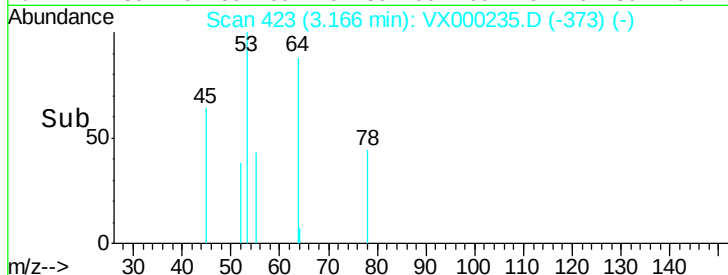
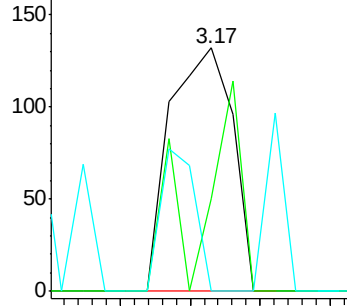
51 21.3 29.6 44.4#



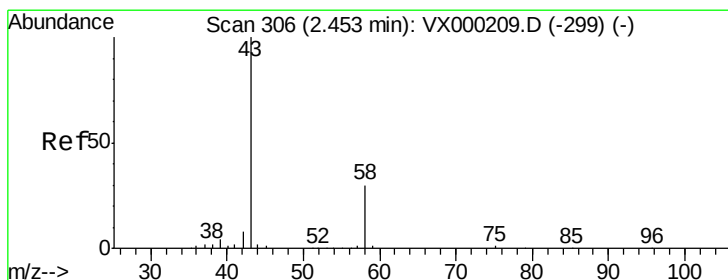
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 6.58 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000235.D

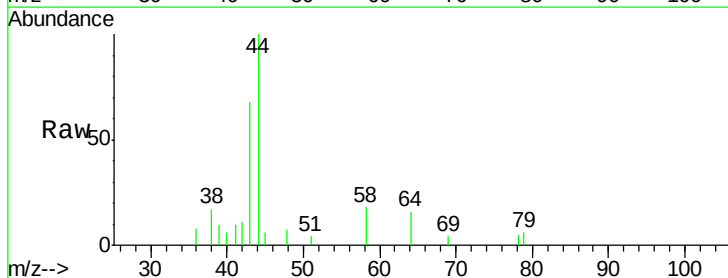
Acq: 08 Mar 2018 21:52

Tgt Ion: 43 Resp: 2267

Ion Ratio Lower Upper

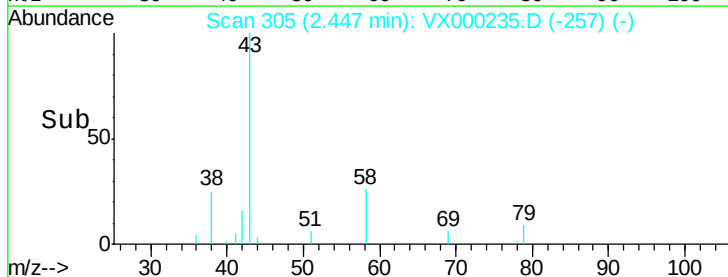
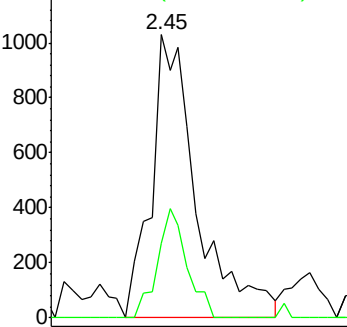
43 100

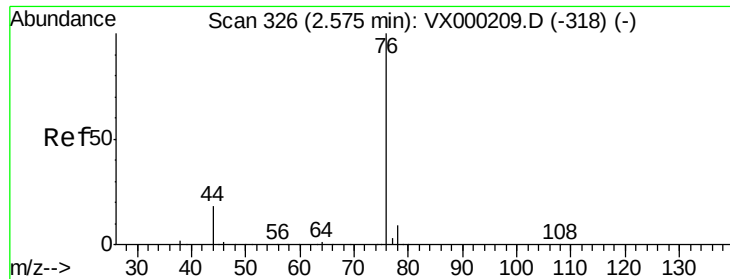
58 26.3 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

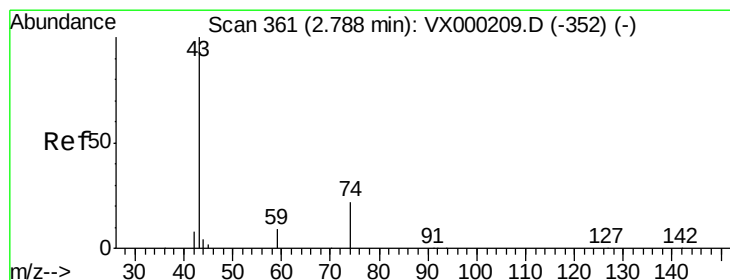
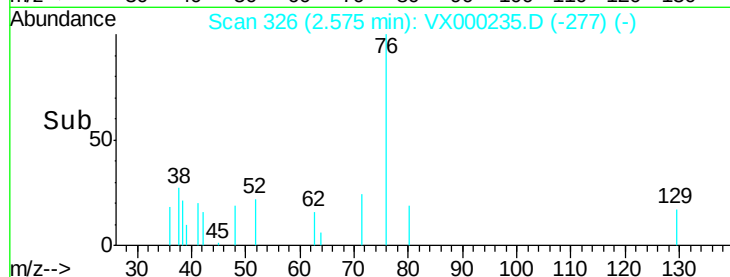
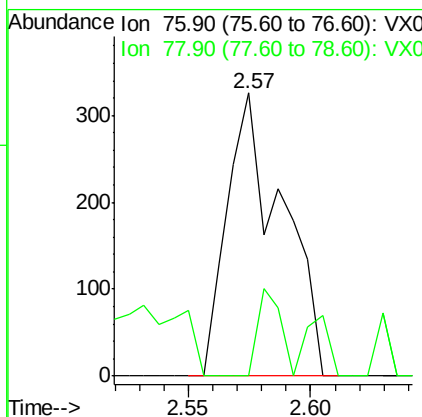
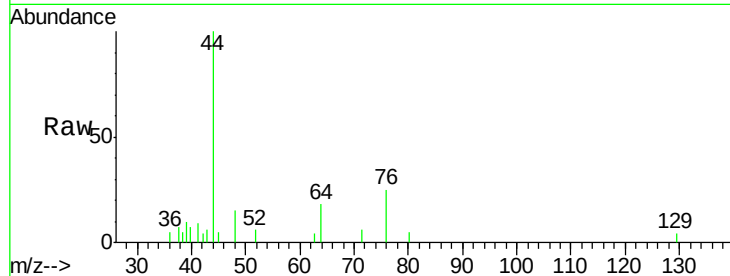




#17
Carbon Disulfide
Concen: 0.51 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000235.D
Acq: 08 Mar 2018 21:52

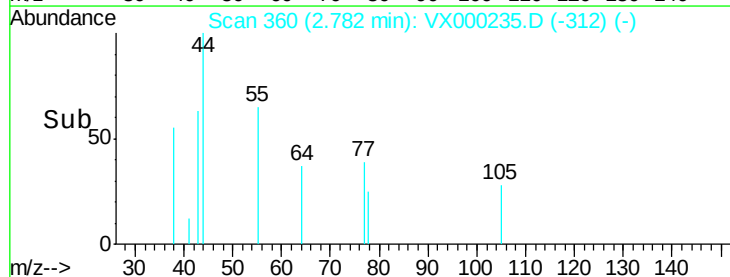
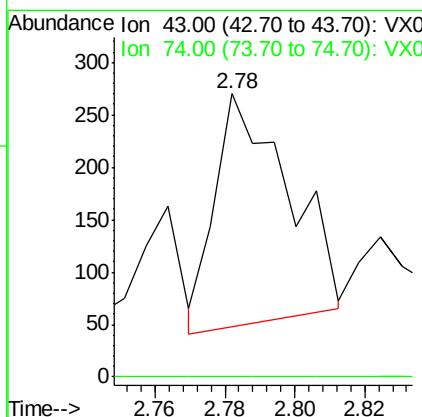
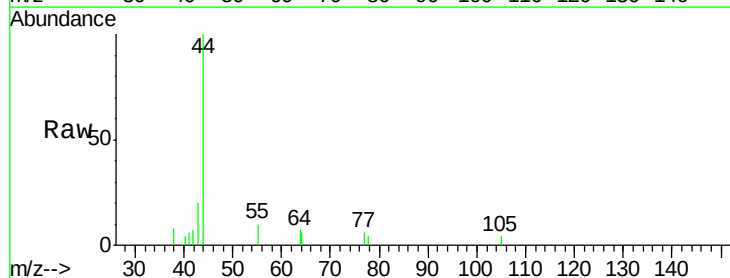
Instrument :
MSVOA_X
ClientSampled :
TP-1

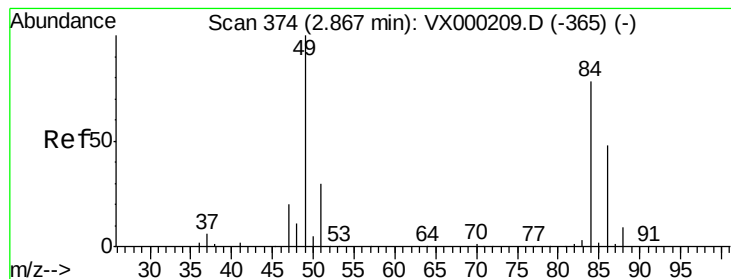
Tot Ion: 76 Resp: 509
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#18
Methyl Acetate
Concen: 0.44 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000235.D
Acq: 08 Mar 2018 21:52

Tgt Ion: 43 Resp: 323
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#





#20

Methylene Chloride

Concen: 3.48 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.01 min

Lab File: VX000235.D

Acq: 08 Mar 2018 21:52

Instrument :

MSVOA_X

ClientSampled :

TP-1

Tot Ion: 84 Resp: 1429

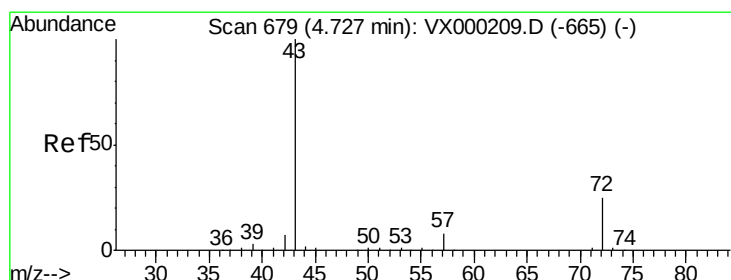
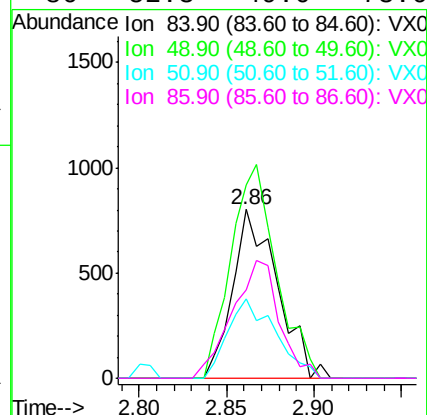
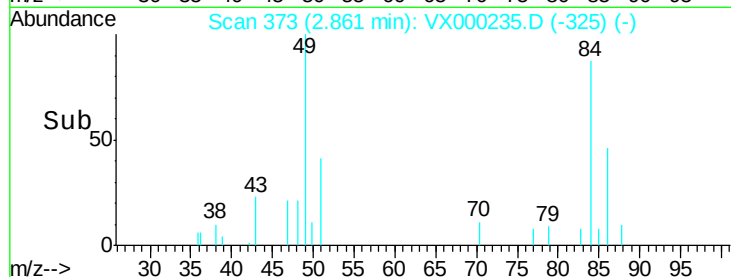
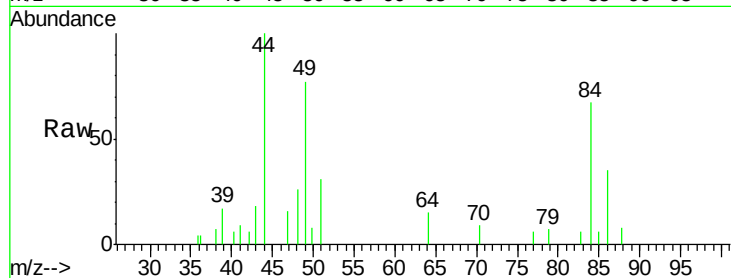
Ion Ratio Lower Upper

84 100

49 114.7 102.1 153.1

51 46.9 30.6 45.8#

86 52.3 49.0 73.6



#25

2-Butanone

Concen: 0.58 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.02 min

Lab File: VX000235.D

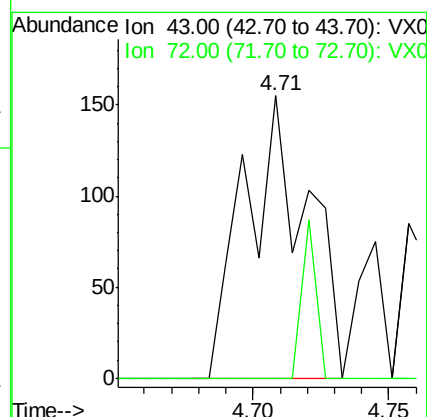
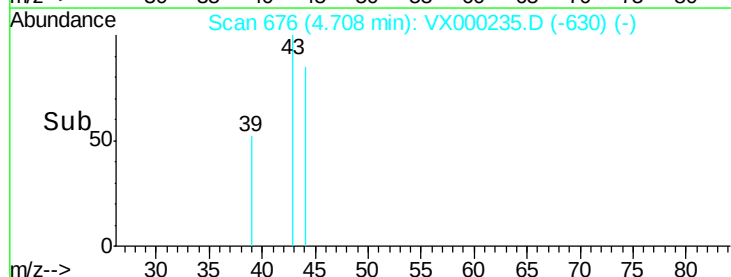
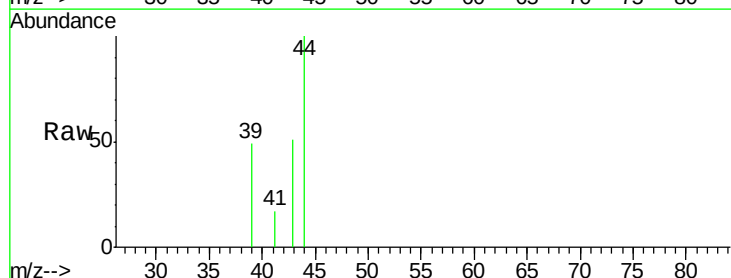
Acq: 08 Mar 2018 21:52

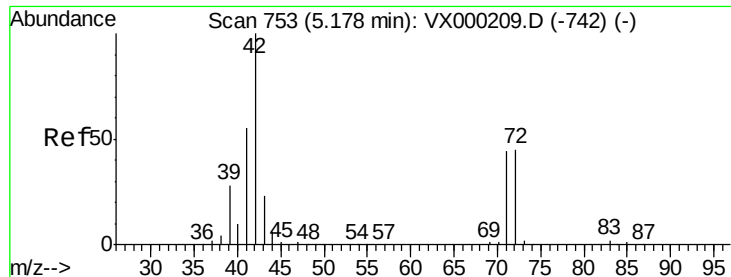
Tgt Ion: 43 Resp: 246

Ion Ratio Lower Upper

43 100

72 0.0 20.2 30.2#





#29

Tetrahydrofuran

Concen: 0.41 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.00 min

Lab File: VX000235.D

Acq: 08 Mar 2018 21:52

Instrument :

MSVOA_X

ClientSampleId :

TP-1

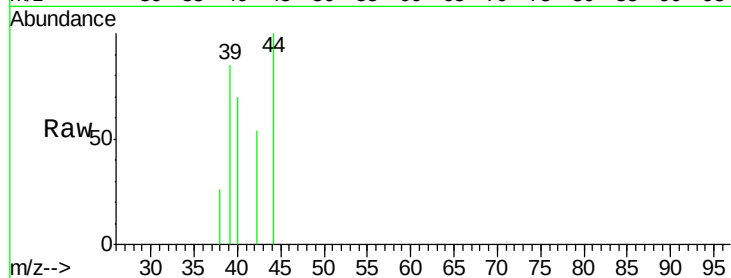
Tot Ion: 42 Resp: 110

Ion Ratio Lower Upper

42 100

72 0.0 37.3 55.9#

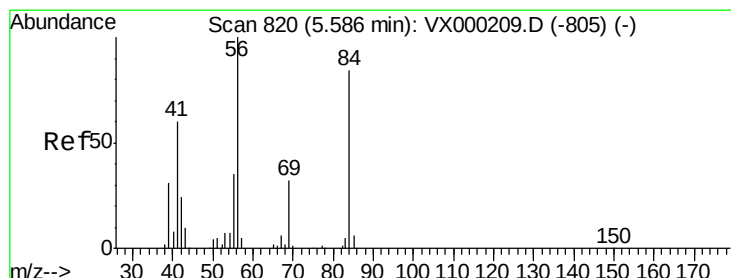
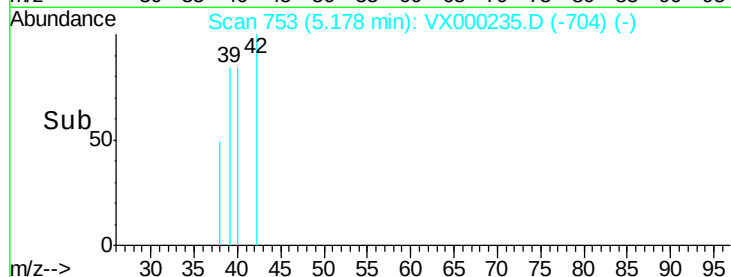
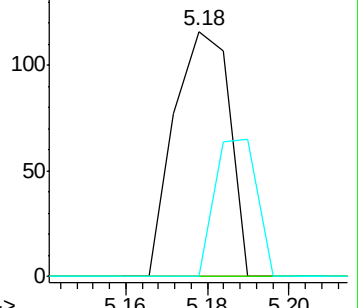
71 42.7 35.0 52.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#31

Cyclohexane

Concen: 1.62 ug/l

RT: 5.68 min Scan# 836

Delta R.T. 0.10 min

Lab File: VX000235.D

Acq: 08 Mar 2018 21:52

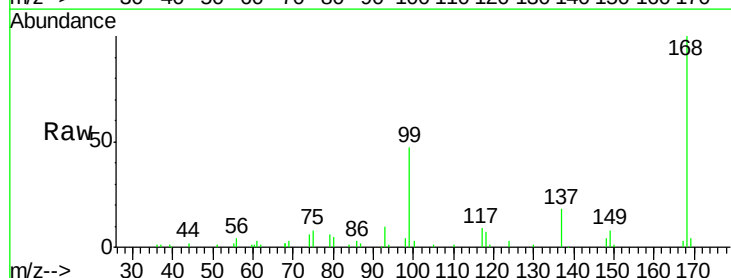
Tgt Ion: 56 Resp: 850

Ion Ratio Lower Upper

56 100

69 86.4 25.3 37.9#

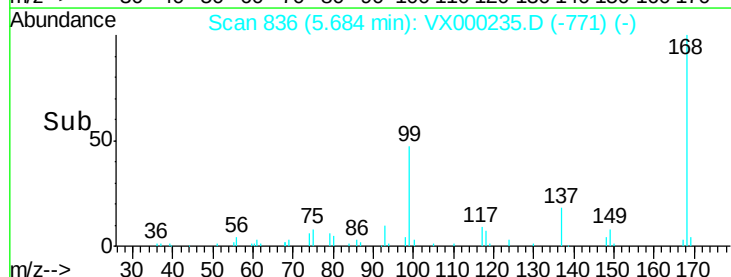
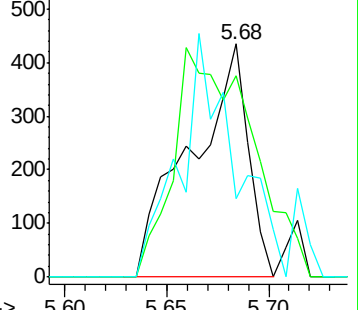
84 33.8 67.2 100.8#

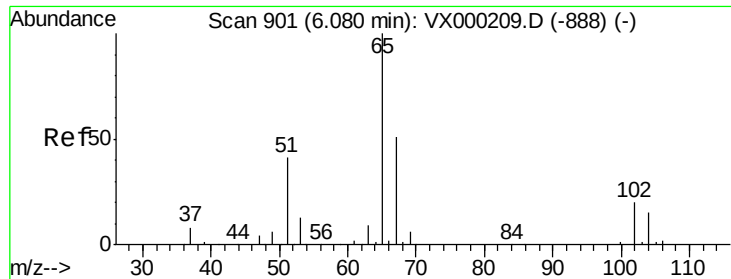


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

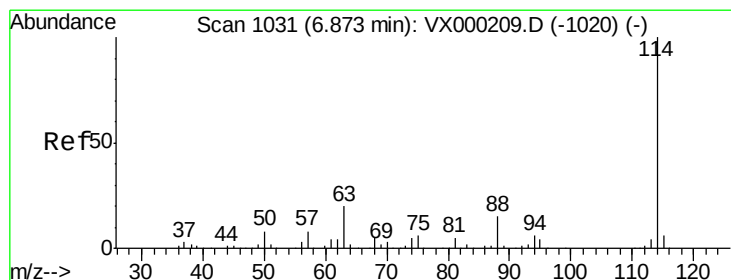
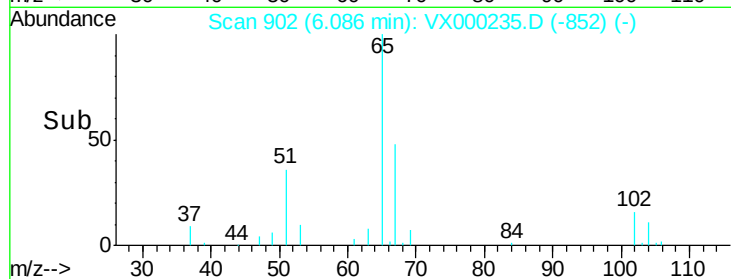
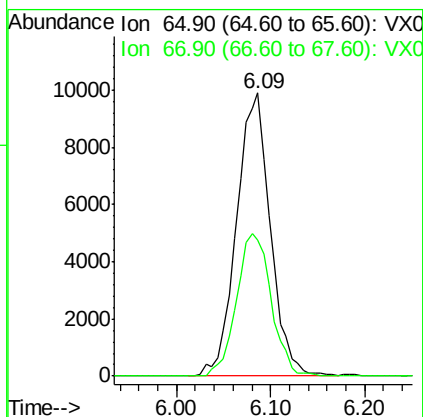
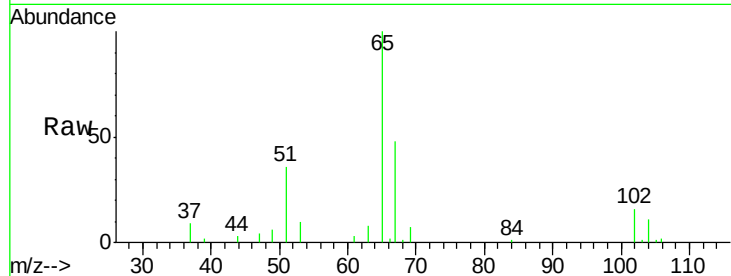




#33
 1,2-Dichloroethane-d4
 Concen: 51.70 ug/l
 RT: 6.09 min Scan# 902
 Delta R.T. 0.01 min
 Lab File: VX000235.D
 Acq: 08 Mar 2018 21:52

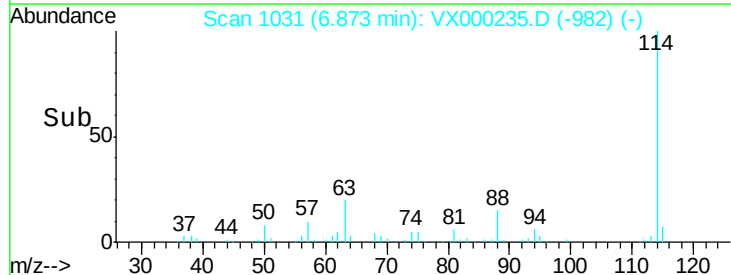
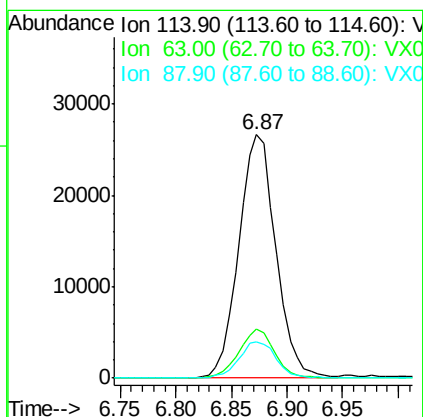
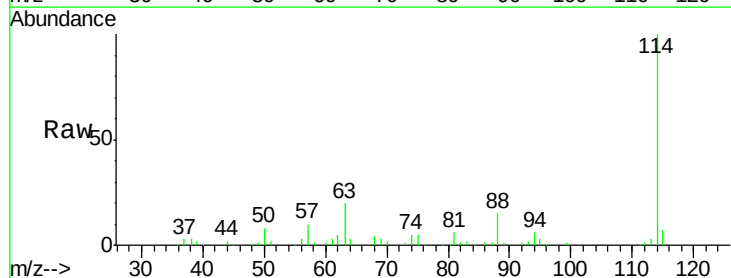
Instrument :
 MSVOA_X
 ClientSampled :
 TP-1

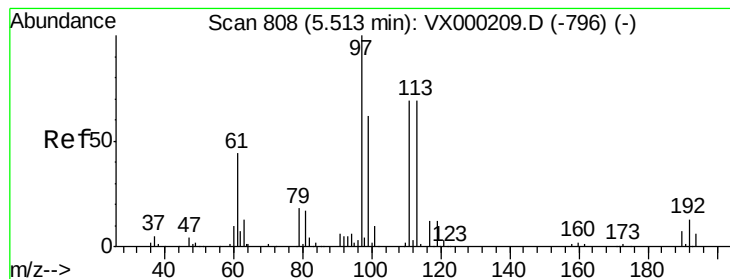
Tot Ion: 65 Resp: 24821
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000235.D
 Acq: 08 Mar 2018 21:52

Tgt Ion: 114 Resp: 61621
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.2
 88 14.8 0.0 29.8





#35

Dibromofluoromethane

Concen: 44.60 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000235.D

Acq: 08 Mar 2018 21:52

Instrument :

MSVOA_X

ClientSampleId :

TP-1

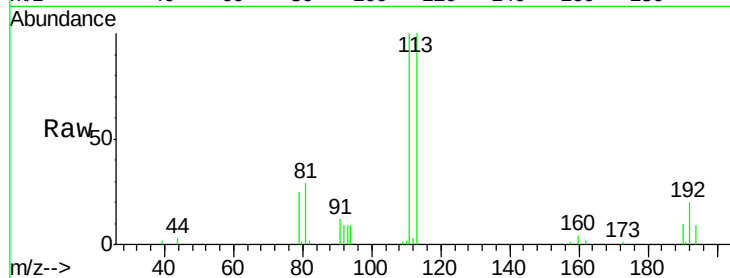
Tot Ion:113 Resp: 17262

Ion Ratio Lower Upper

113 100

111 102.8 83.0 124.6

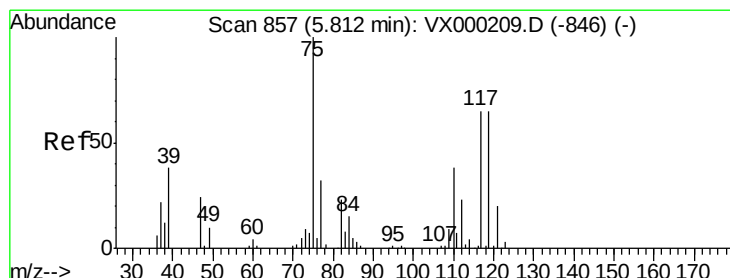
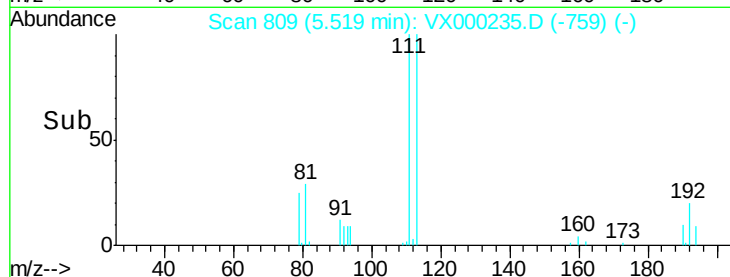
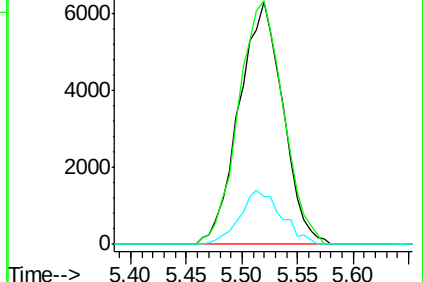
192 21.2 15.5 23.3



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: 5.14 ug/l

RT: 5.68 min Scan# 836

Delta R.T. -0.13 min

Lab File: VX000235.D

Acq: 08 Mar 2018 21:52

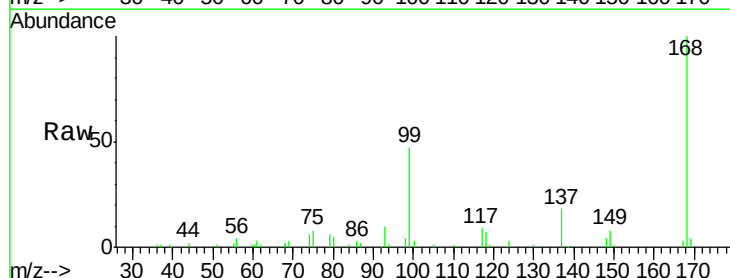
Tgt Ion: 75 Resp: 2819

Ion Ratio Lower Upper

75 100

110 9.5 17.8 53.5#

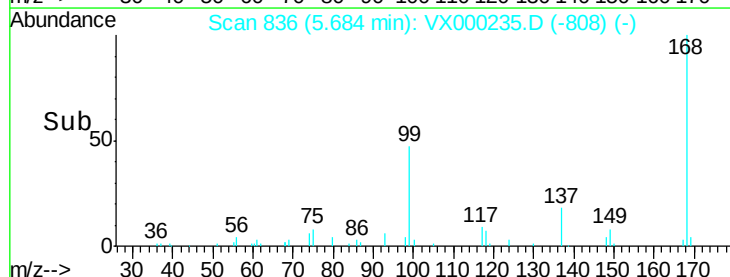
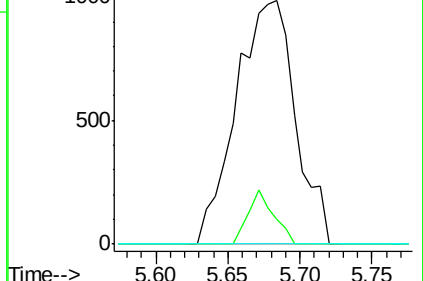
77 0.0 24.9 37.3#

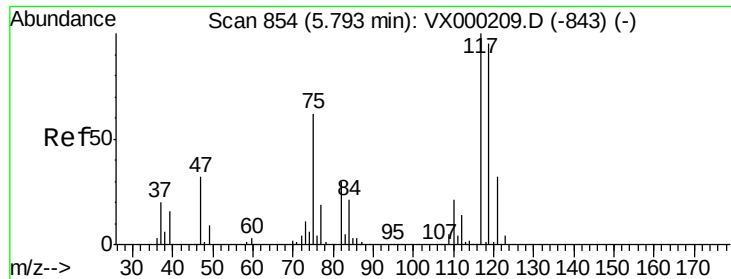


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.55 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.12 min

Lab File: VX000235.D

Acq: 08 Mar 2018 21:52

Instrument :

MSVOA_X

ClientSampled :

TP-1

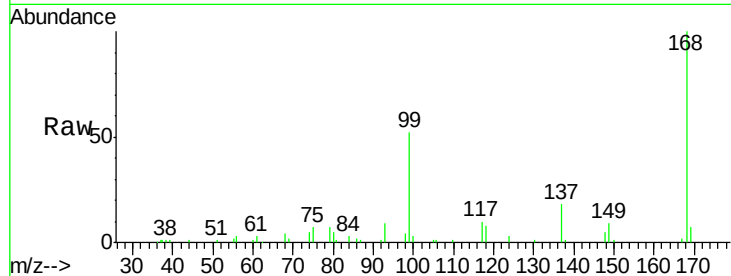
Tot Ion:117 Resp: 3637

Ion Ratio Lower Upper

117 100

119 0.0 75.9 113.9#

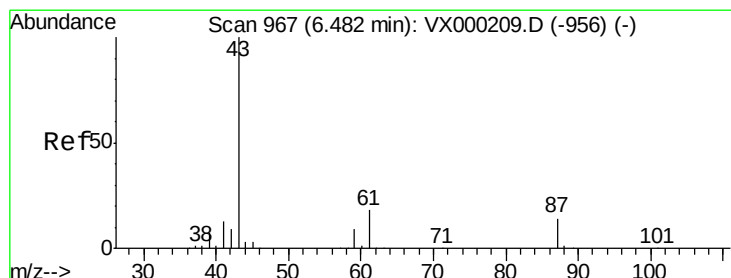
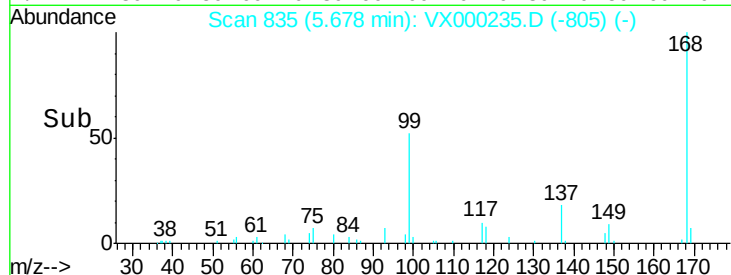
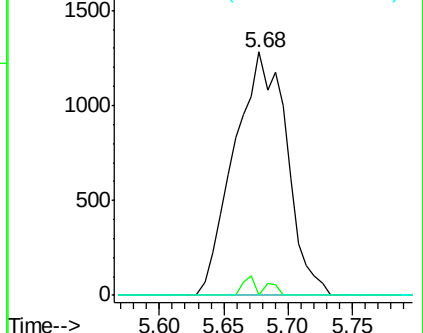
121 0.0 25.8 38.6#



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: 1.20 ug/l

RT: 6.49 min Scan# 969

Delta R.T. 0.01 min

Lab File: VX000235.D

Acq: 08 Mar 2018 21:52

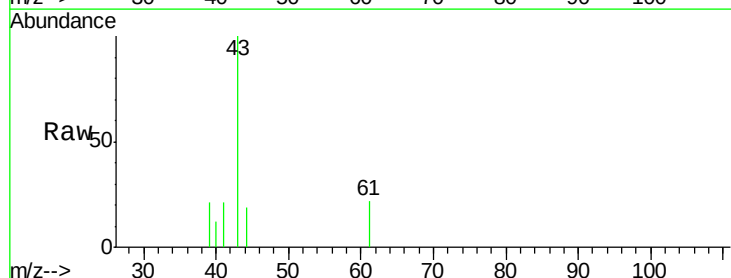
Tgt Ion: 43 Resp: 1380

Ion Ratio Lower Upper

43 100

61 12.2 14.8 22.2#

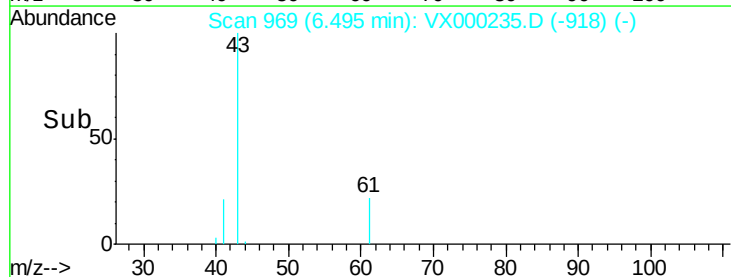
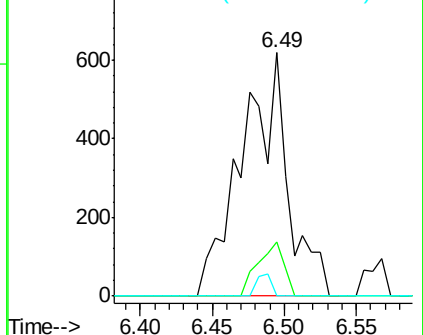
87 2.8 10.6 16.0#

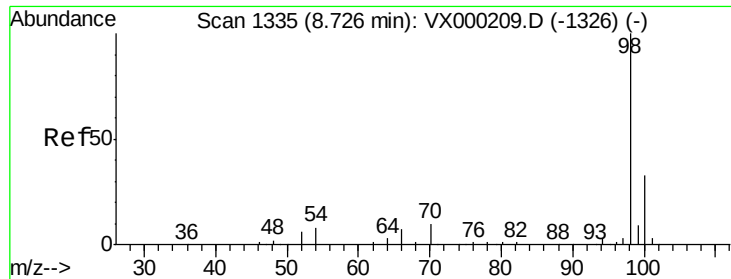


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

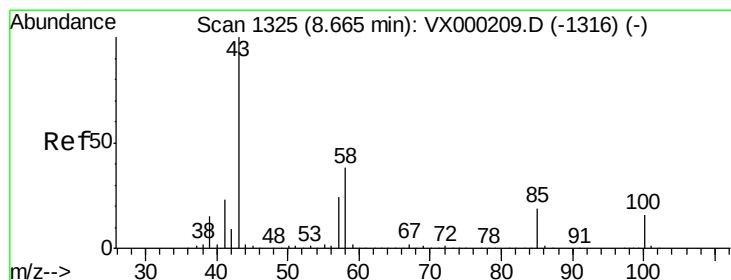
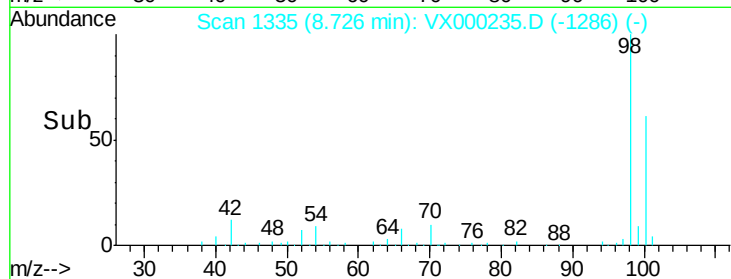
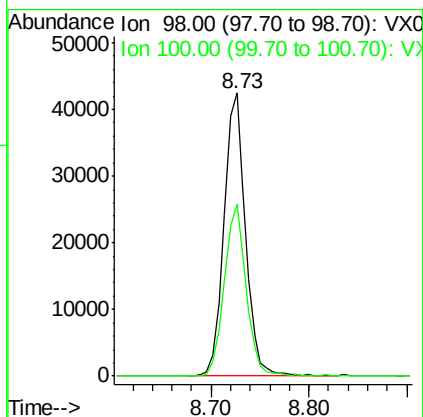
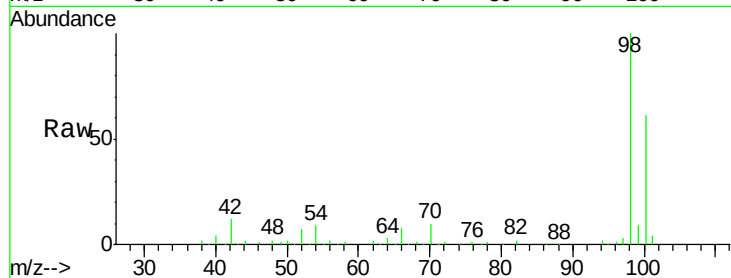




#50
Toluene-d8
Concen: 40.31 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000235.D
Acq: 08 Mar 2018 21:52

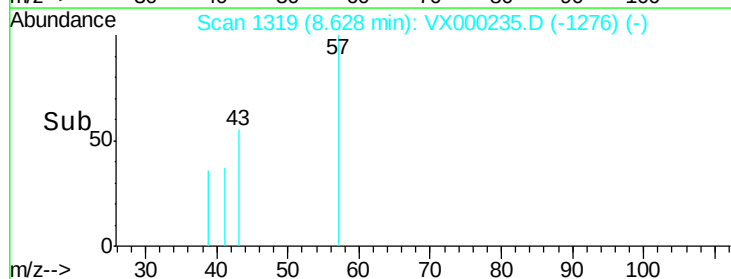
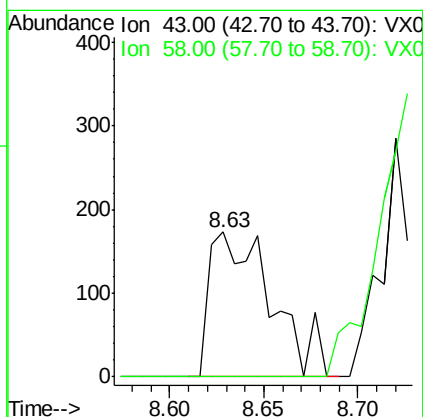
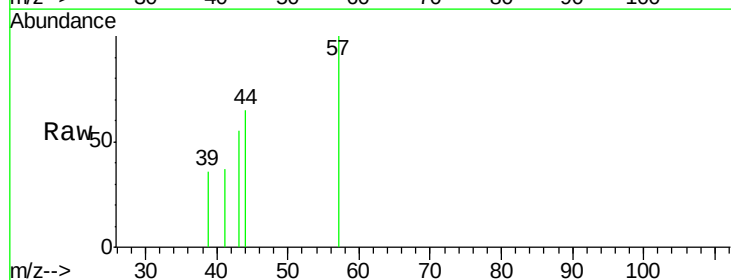
Instrument :
MSVOA_X
ClientSampleId :
TP-1

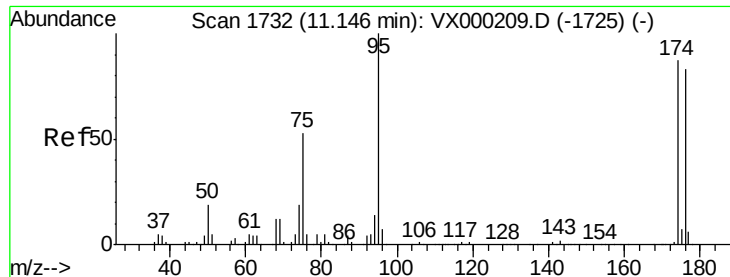
Tot Ion: 98 Resp: 64628
Ion Ratio Lower Upper
98 100
100 61.8 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 0.45 ug/l
RT: 8.63 min Scan# 1319
Delta R.T. -0.04 min
Lab File: VX000235.D
Acq: 08 Mar 2018 21:52

Tgt Ion: 43 Resp: 393
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#





#62

4-Bromofluorobenzene

Concen: 36.18 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000235.D

Acq: 08 Mar 2018 21:52

Instrument :

MSVOA_X

ClientSampleId :

TP-1

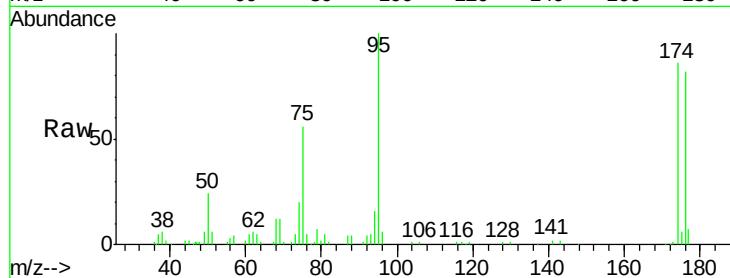
Tot Ion: 95 Resp: 22638

Ion Ratio Lower Upper

95 100

174 87.9 0.0 175.6

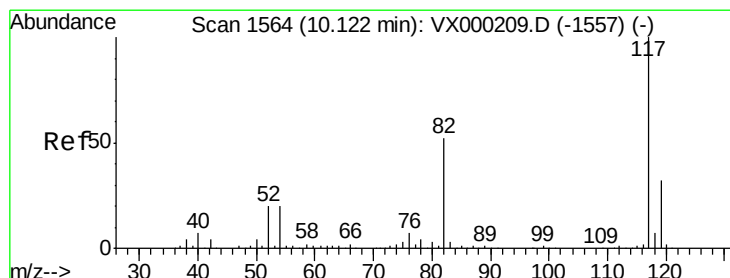
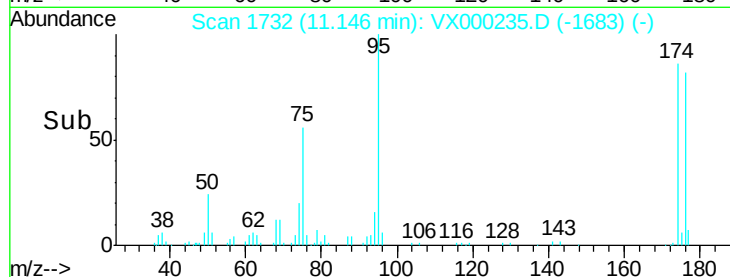
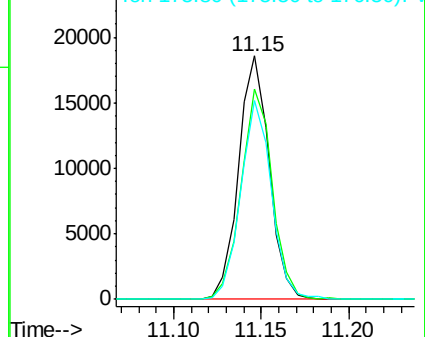
176 81.7 0.0 171.0



Abundance Ion 94.90 (94.60 to 95.60): VX000209.D (-1725) (-)

Ion 173.80 (173.50 to 174.50): VX000209.D (-1725) (-)

Ion 175.80 (175.50 to 176.50): VX000209.D (-1725) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX000235.D

Acq: 08 Mar 2018 21:52

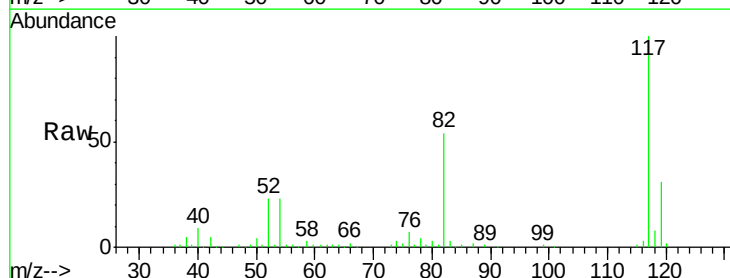
Tgt Ion: 117 Resp: 58503

Ion Ratio Lower Upper

117 100

82 54.2 42.0 63.0

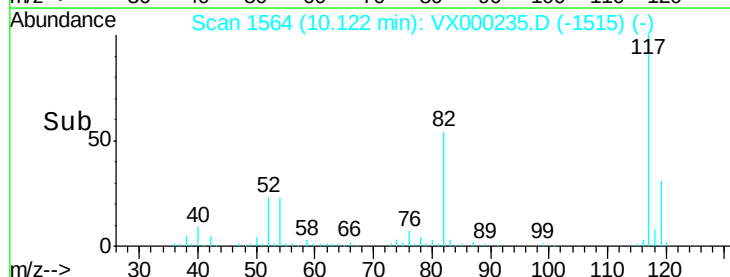
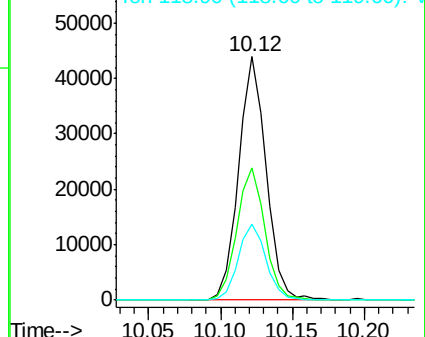
119 31.1 25.3 37.9

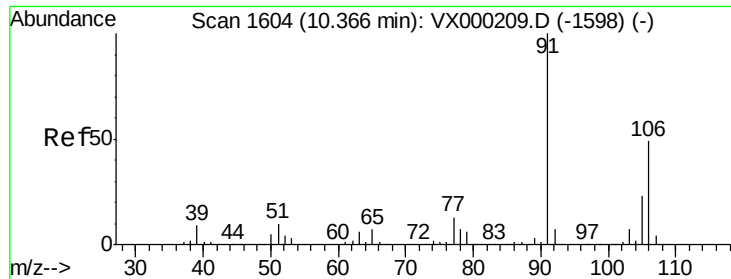


Abundance Ion 116.90 (116.60 to 117.60): VX000209.D (-1557) (-)

Ion 82.00 (81.70 to 82.70): VX000209.D (-1557) (-)

Ion 118.90 (118.60 to 119.60): VX000209.D (-1557) (-)

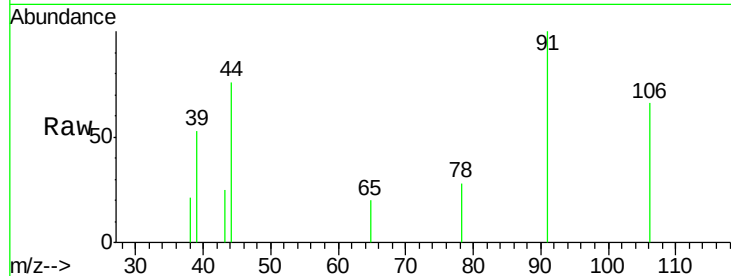




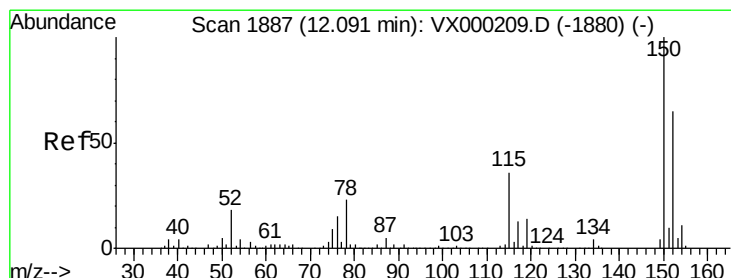
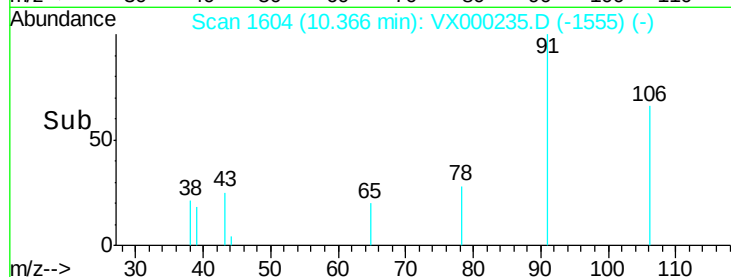
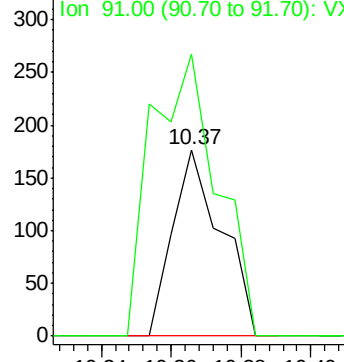
#68
m/p-Xvlenes
Concen: 0.22 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000235.D
Acq: 08 Mar 2018 21:52

Instrument :
MSVOA_X
ClientSampled :
TP-1

Tot Ion:106 Resp: 171
Ion Ratio Lower Upper
106 100
91 204.1 160.9 241.3

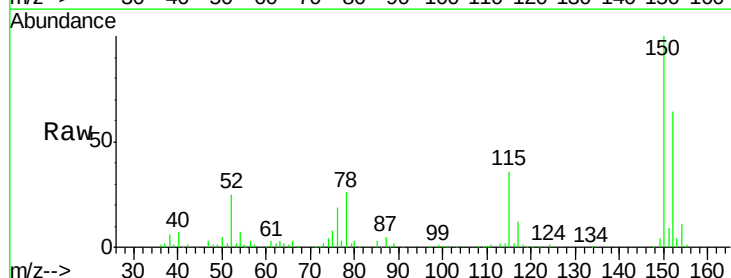


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

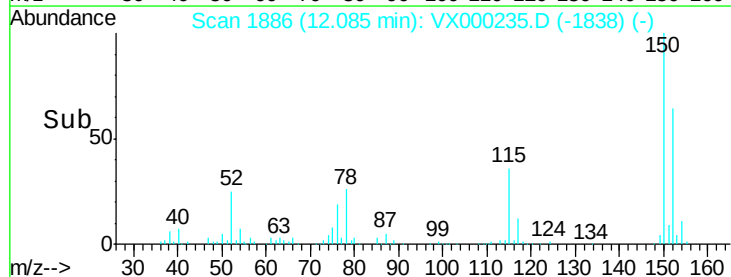
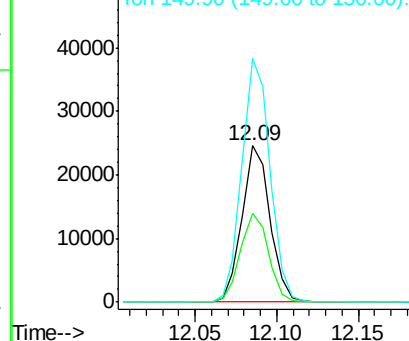


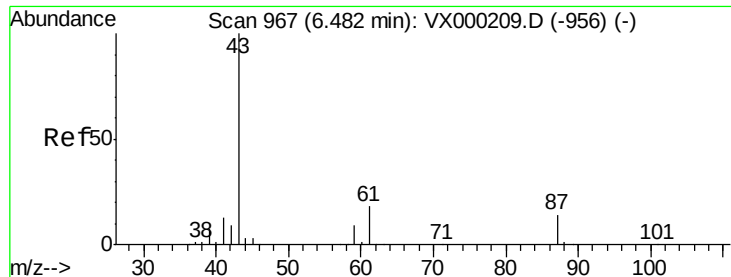
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000235.D
Acq: 08 Mar 2018 21:52

Tgt Ion:152 Resp: 29474
Ion Ratio Lower Upper
152 100
115 57.2 39.8 119.3
150 156.6 0.0 345.0



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





#74

N-amvl acetate

Concen: 1.46 ug/l

RT: 6.49 min Scan# 969

Delta R.T. 0.01 min

Lab File: VX000235.D

Acq: 08 Mar 2018 21:52

Instrument :

MSVOA_X

ClientSampleId :

TP-1

Tot Ion: 43 Resp: 1380

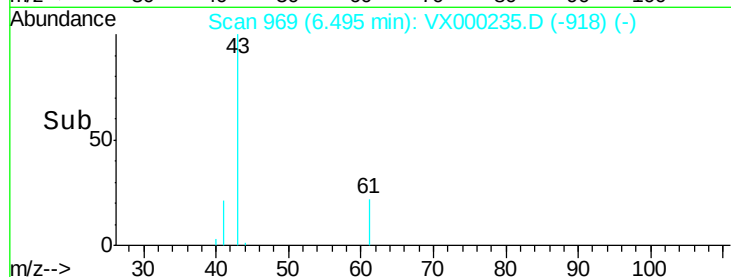
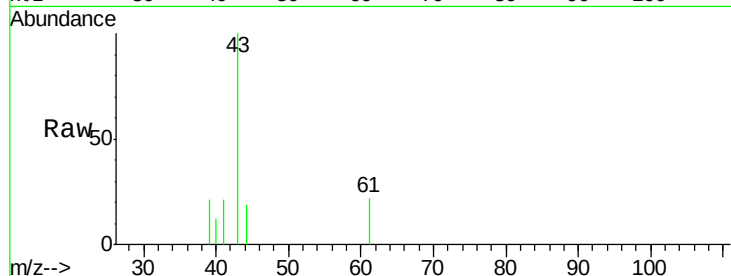
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 12.2 14.8 22.2#

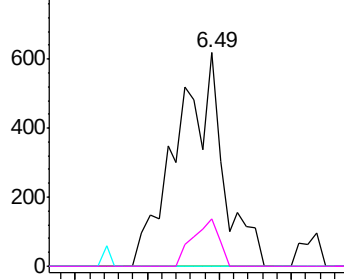


Abundance Ion 43.00 (42.70 to 43.70): VX0

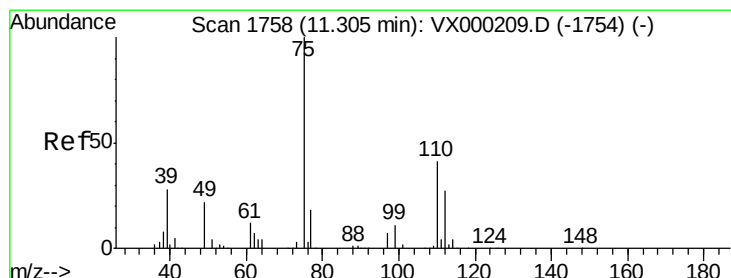
Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->



#76

1,2,3-Trichloropropane

Concen: 21.24 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000235.D

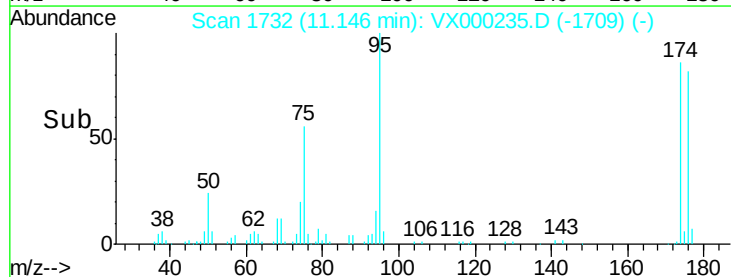
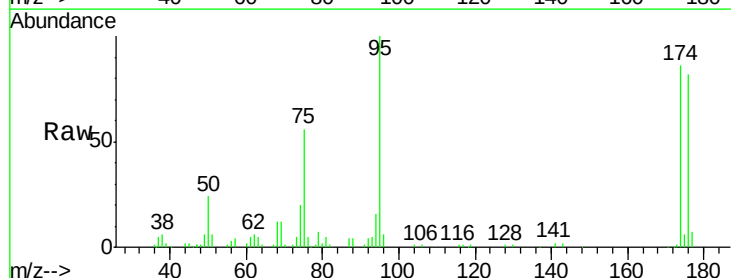
Acq: 08 Mar 2018 21:52

Tgt Ion: 75 Resp: 12547

Ion Ratio Lower Upper

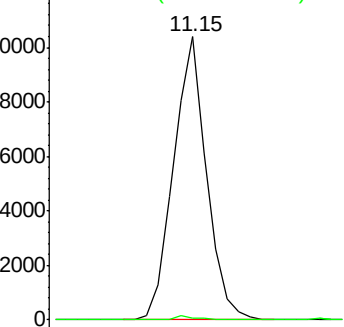
75 100

77 0.8 22.3 66.8#

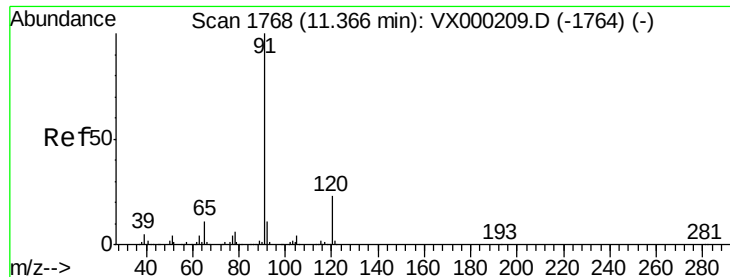


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time-->



#78

n-propylbenzene

Concen: 0.22 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000235.D

Acq: 08 Mar 2018 21:52

Instrument :

MSVOA_X

ClientSampled :

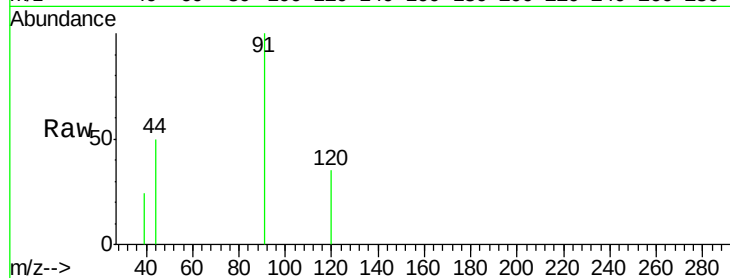
TP-1

Tot Ion: 91 Resp: 467

Ion Ratio Lower Upper

91 100

120 29.3 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.37

400

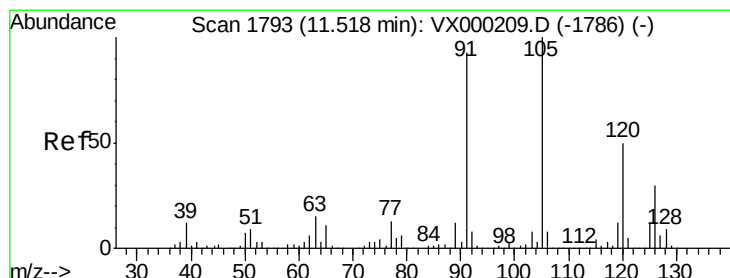
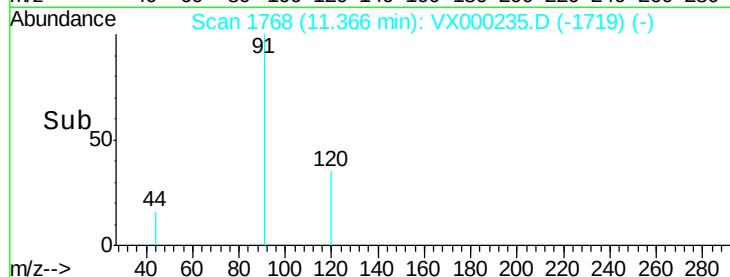
300

200

100

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.30 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000235.D

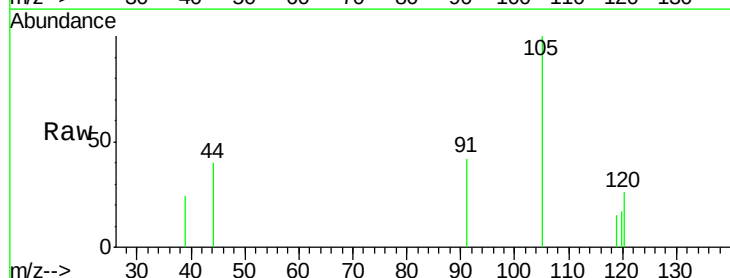
Acq: 08 Mar 2018 21:52

Tgt Ion: 105 Resp: 464

Ion Ratio Lower Upper

105 100

120 32.5 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.51

400

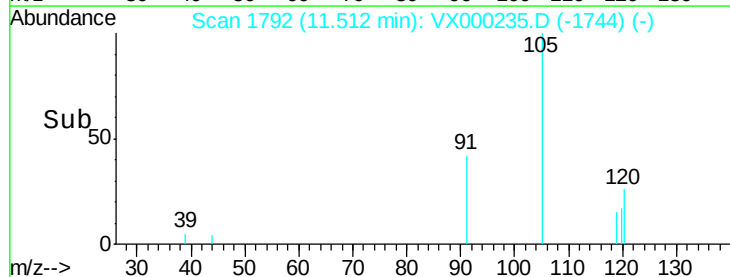
300

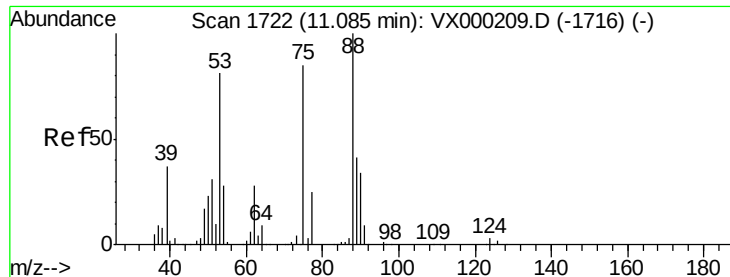
200

100

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 65.03 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000235.D

Acq: 08 Mar 2018 21:52

Instrument :

MSVOA_X

ClientSampled :

TP-1

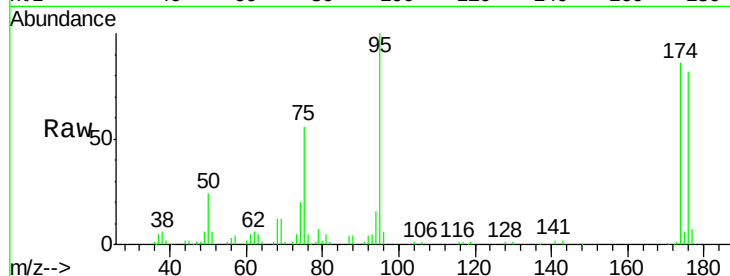
Tot Ion: 75 Resp: 12547

Ion Ratio Lower Upper

75 100

53 0.0 78.6 118.0#

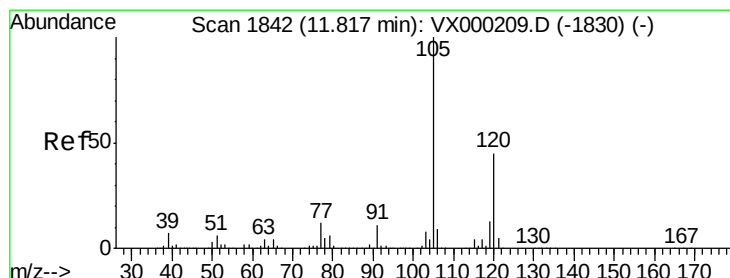
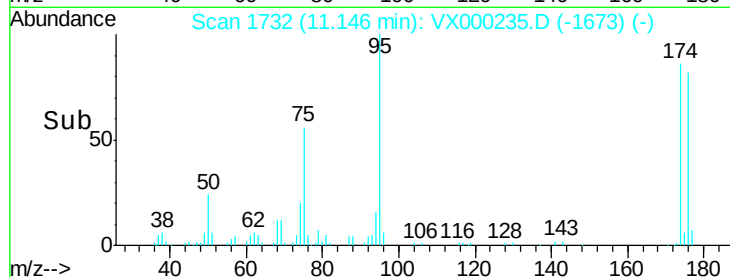
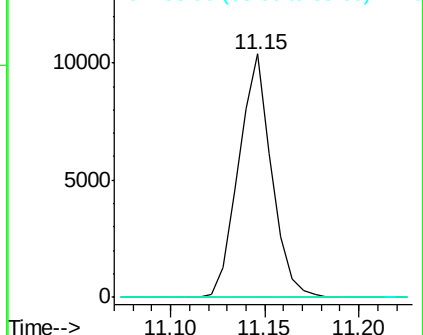
89 0.0 38.8 58.2#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.36 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX000235.D

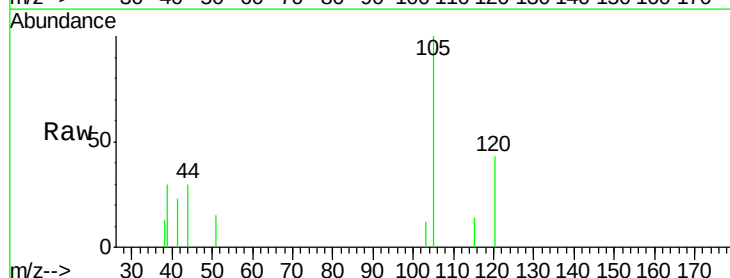
Acq: 08 Mar 2018 21:52

Tgt Ion: 105 Resp: 570

Ion Ratio Lower Upper

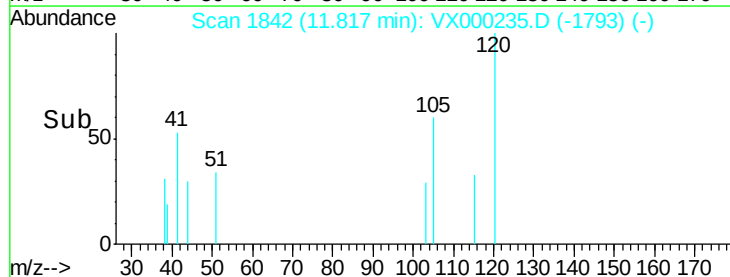
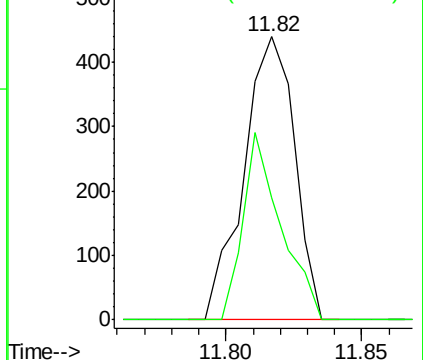
105 100

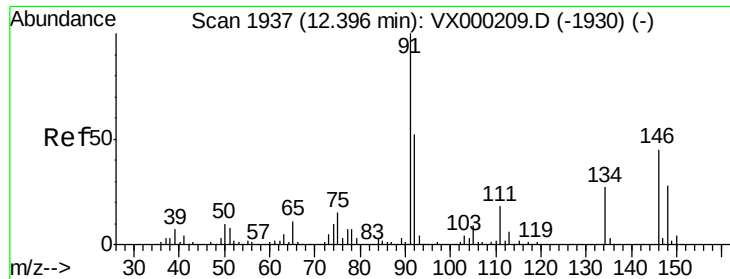
120 49.3 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#89

n-Butylbenzene

Concen: 0.25 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000235.D

Acq: 08 Mar 2018 21:52

Instrument :

MSVOA_X

ClientSampled :

TP-1

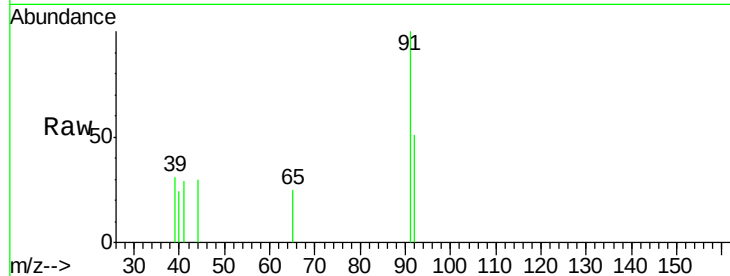
Tot Ion: 91 Resp: 406

Ion Ratio Lower Upper

91 100

92 54.7 25.8 77.4

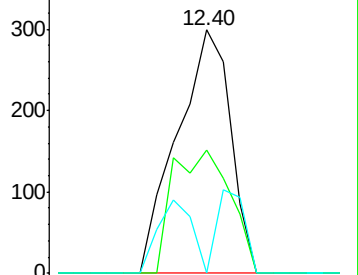
134 17.7 13.5 40.5



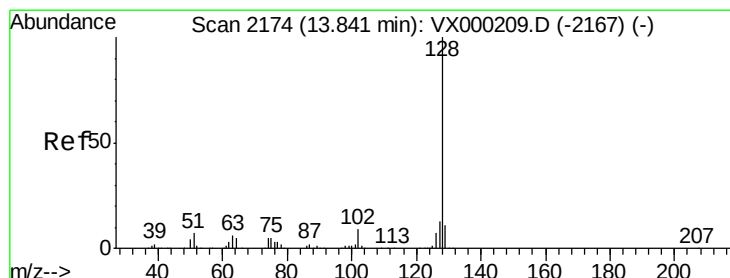
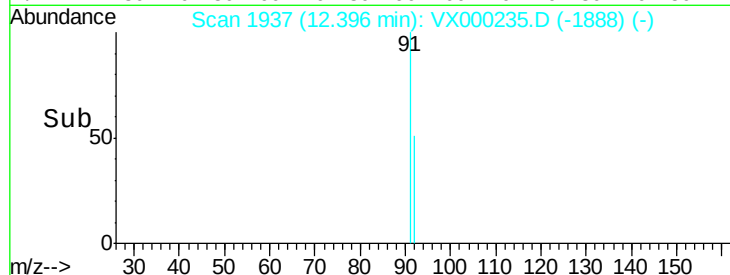
Abundance Ion 91.00 (90.70 to 91.70): VX000209.D (-1930) (-)

Ion 92.00 (91.70 to 92.70): VX000209.D (-1930) (-)

Ion 134.00 (133.70 to 134.70): VX000209.D (-1930) (-)



Time-->



#95

Naphthalene

Concen: 1.31 ug/l

RT: 13.85 min Scan# 2175

Delta R.T. 0.01 min

Lab File: VX000235.D

Acq: 08 Mar 2018 21:52

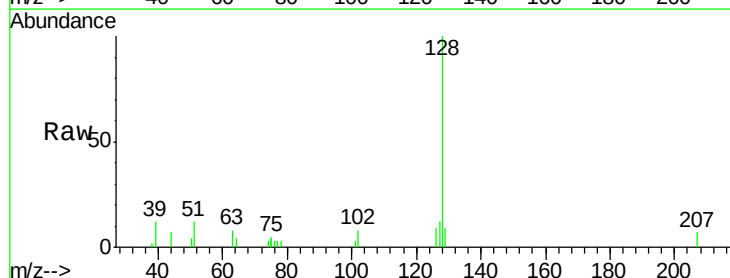
Tgt Ion: 128 Resp: 2982

Ion Ratio Lower Upper

128 100

127 14.3 10.5 15.7

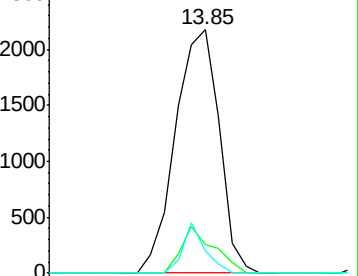
129 10.5 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): VX000209.D (-2167) (-)

Ion 127.00 (126.70 to 127.70): VX000209.D (-2167) (-)

Ion 129.00 (128.70 to 129.70): VX000209.D (-2167) (-)



Time-->

