

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110918\
 Data File : VX005859.D
 Acq On : 09 Nov 2018 14:12
 Operator : JC/MD
 Sample : PB114659ZHE#02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114659ZHE#02

Quant Time: Nov 11 23:50:11 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	5.66	168	112421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	158453	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	149062	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	70168	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	72065	55.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.52%	
35) Dibromofluoromethane	5.51	113	55297	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
50) Toluene-d8	8.71	98	198171	55.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.62%	
62) 4-Bromofluorobenzene	11.13	95	66771	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	

Target Compounds

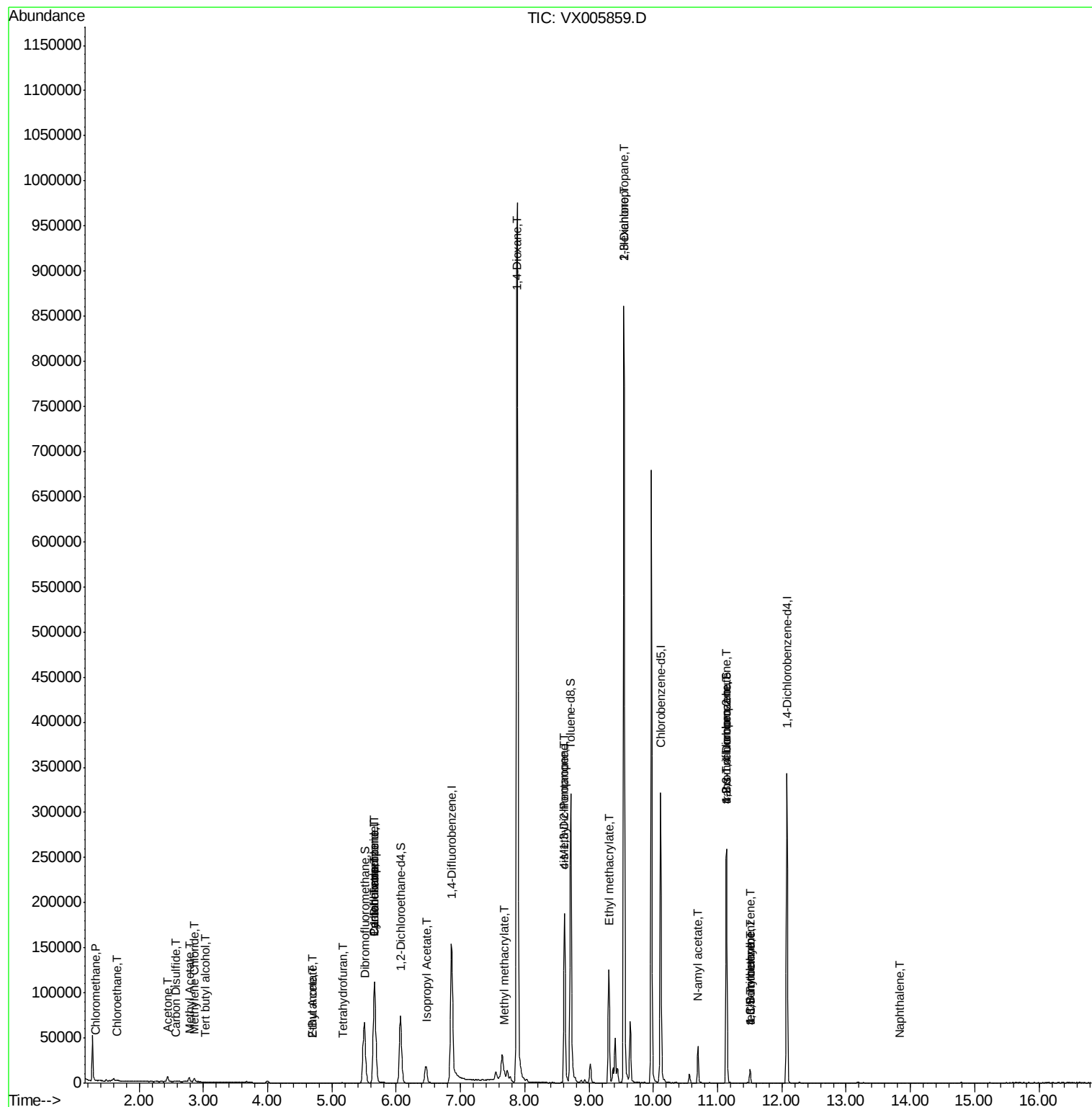
					Qvalue	
3) Chloromethane	1.32	50	275	0.207	ug/l	98
6) Chloroethane	1.67	64	514	0.645	ug/l #	42
11) Tert butyl alcohol	3.03	59	196	0.529	ug/l #	72
16) Acetone	2.44	43	6182	8.884	ug/l	100
17) Carbon Disulfide	2.57	76	602	0.203	ug/l #	75
18) Methyl Acetate	2.78	43	5937	1.752	ug/l	99
20) Methylene Chloride	2.86	84	1409	1.233	ug/l	98
25) 2-Butanone	4.70	43	803	0.734	ug/l #	87
29) Tetrahydrofuran	5.17	42	493	0.702	ug/l #	50
31) Cyclohexane	5.67	56	2128	1.182	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	8179	5.354	ug/l #	48
37) Ethyl Acetate	4.70	43	803	0.400	ug/l #	69
38) Carbon Tetrachloride	5.67	117	10517	6.877	ug/l #	15
43) Isopropyl Acetate	6.47	43	26683	9.167	ug/l	98
48) Methyl methacrylate	7.68	41	8898	6.808	ug/l #	16
49) 1,4-Dioxane	7.89	88	141	5.007	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	64401	35.107	ug/l #	50
54) cis-1,3-Dichloropropene	8.62	75	29043	18.838	ug/l #	61
56) Ethyl methacrylate	9.30	69	598	0.360	ug/l #	1
57) 1,3-Dichloropropane	9.54	76	6991	3.751	ug/l #	43
59) 2-Hexanone	9.54	43	105013	64.945	ug/l #	53
74) N-amyl acetate	10.69	43	10067	5.562	ug/l #	54
76) 1,2,3-Trichloropropane	11.13	75	33882	23.714	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.51	105	6153	1.784	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	33882	75.581	ug/l #	9
82) 4-Chlorotoluene	11.51	91	887	0.260	ug/l #	44
83) tert-Butylbenzene	11.51	119	781	0.224	ug/l #	32
84) 1,2,4-Trimethylbenzene	11.81	105	256	Below Cal	#	31
95) Naphthalene	13.83	128	292	1.234	ug/l #	69

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

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Quant Time: Nov 11 23:50:11 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: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX005859.D

Acq: 09 Nov 2018 14:12

Instrument :

MSVOA_X

ClientSampleId :

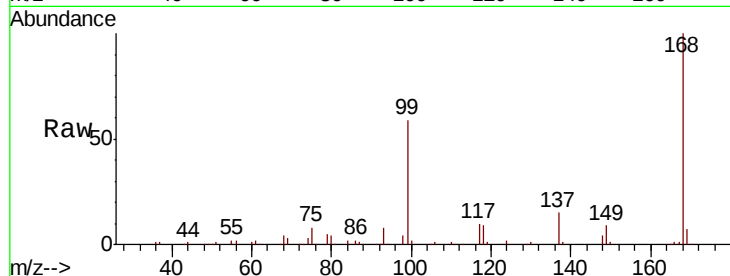
PB114659ZHE#02

Tot Ion:168 Resp: 112421

Ion Ratio Lower Upper

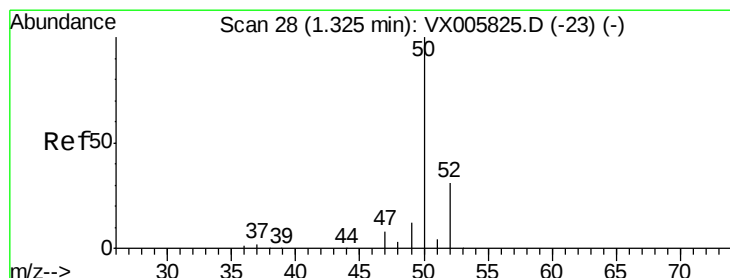
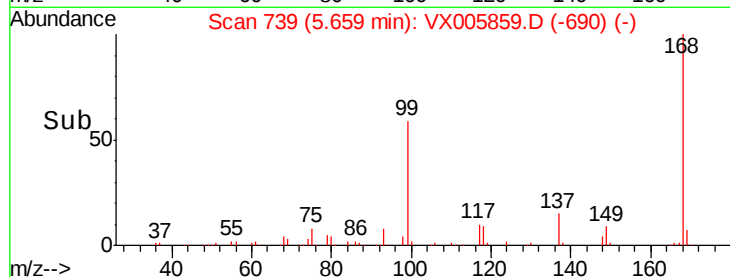
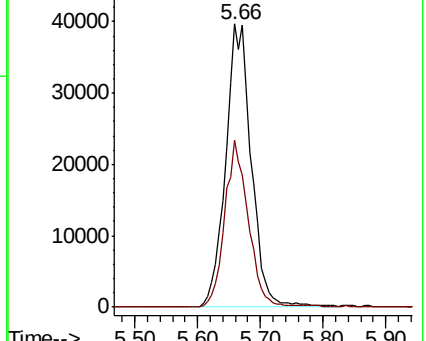
168 100

99 58.9 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.207 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005859.D

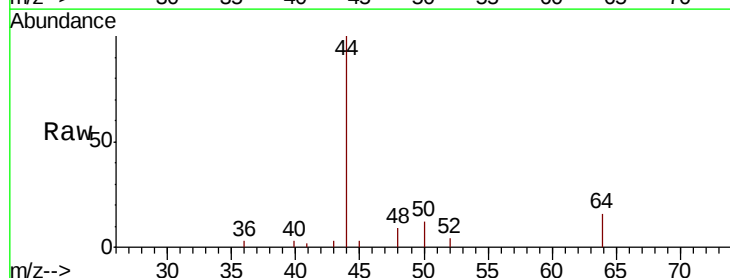
Acq: 09 Nov 2018 14:12

Tgt Ion: 50 Resp: 275

Ion Ratio Lower Upper

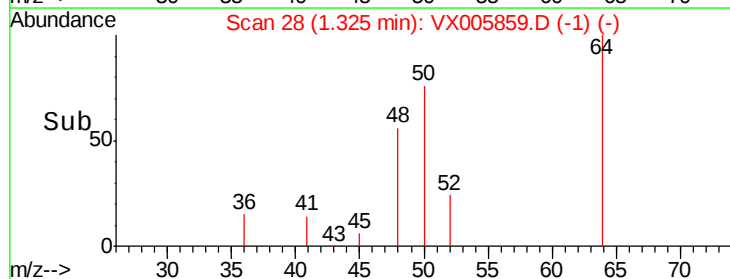
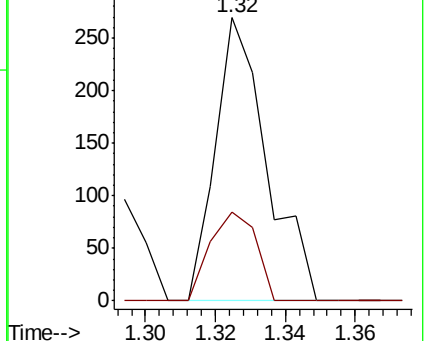
50 100

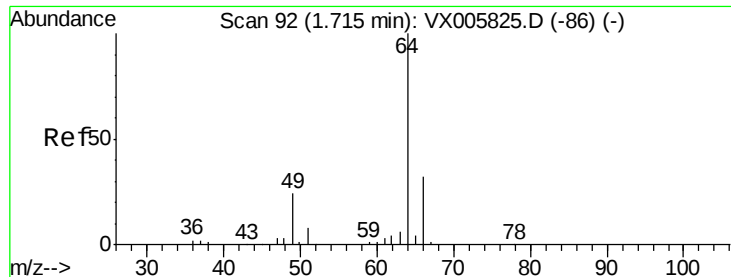
52 31.6 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#6

Chloroethane

Concen: 0.645 ug/l

RT: 1.67 min Scan# 84

Delta R.T. -0.05 min

Lab File: VX005859.D

Acq: 09 Nov 2018 14:12

Instrument :

MSVOA_X

ClientSampleId :

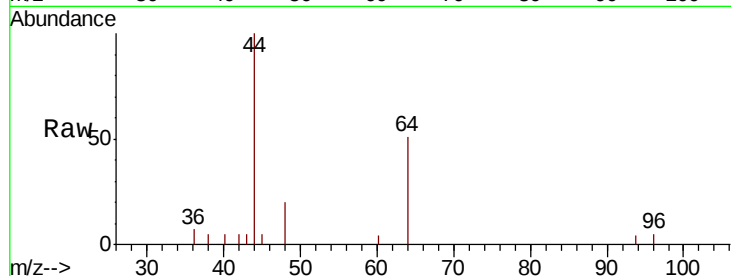
PB114659ZHE#02

Tot Ion: 64 Resp: 514

Ion Ratio Lower Upper

64 100

66 0.0 25.8 38.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.67

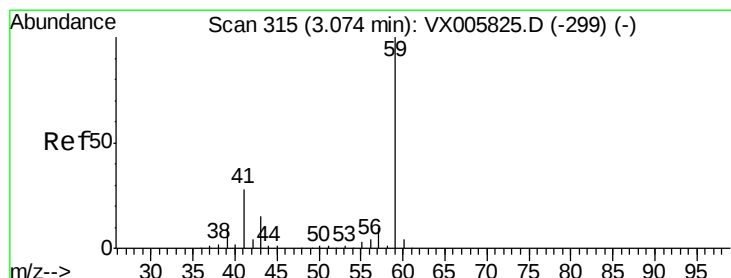
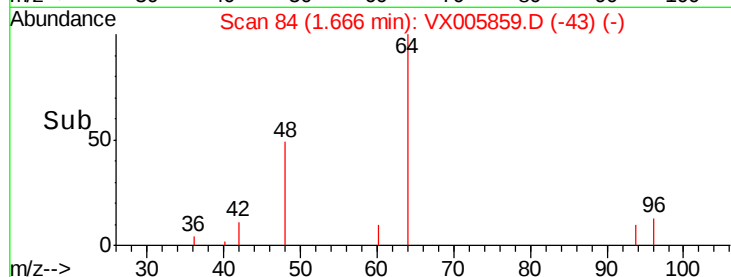
600

400

200

0

Time-->



#11

Tert butyl alcohol

Concen: 0.529 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.05 min

Lab File: VX005859.D

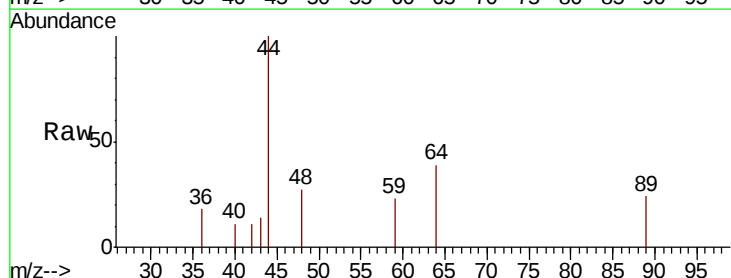
Acq: 09 Nov 2018 14:12

Tgt Ion: 59 Resp: 196

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.03

120

100

80

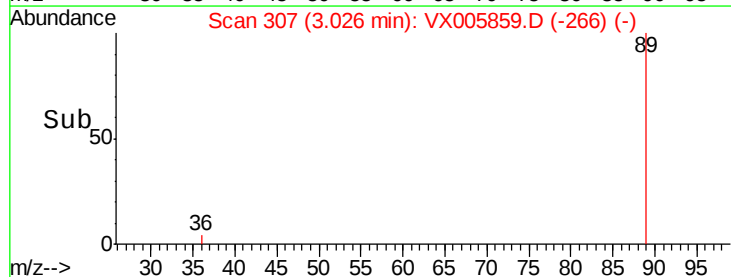
60

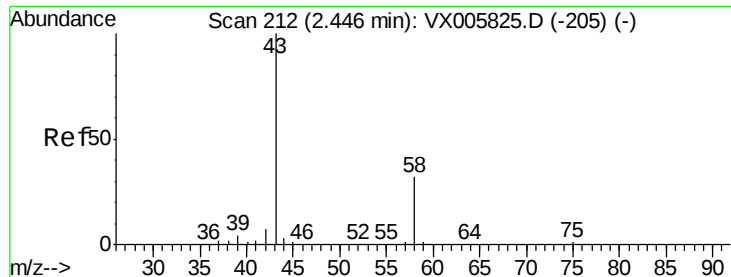
40

20

0

Time-->





#16

Acetone

Concen: 8.884 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005859.D

Acq: 09 Nov 2018 14:12

Instrument :

MSVOA_X

ClientSampleId :

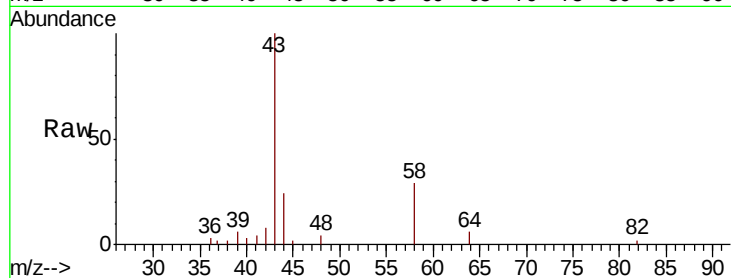
PB114659ZHE#02

Tot Ion: 43 Resp: 6182

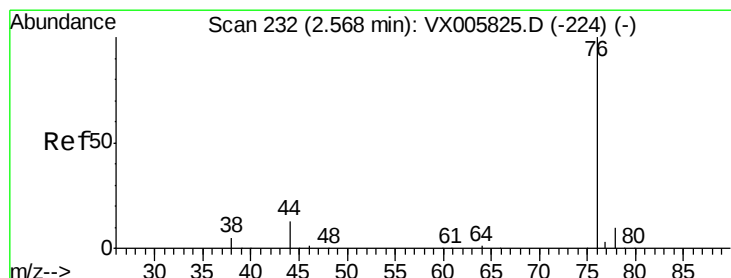
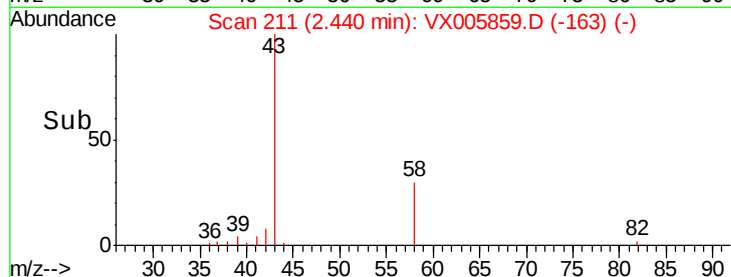
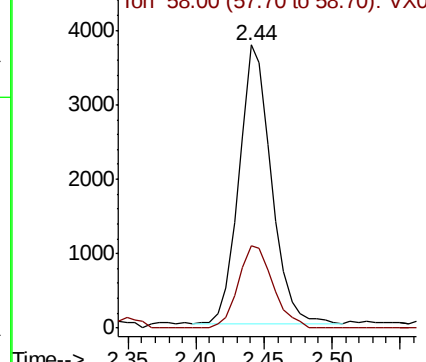
Ion Ratio Lower Upper

43 100

58 29.5 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0



#17

Carbon Disulfide

Concen: 0.203 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005859.D

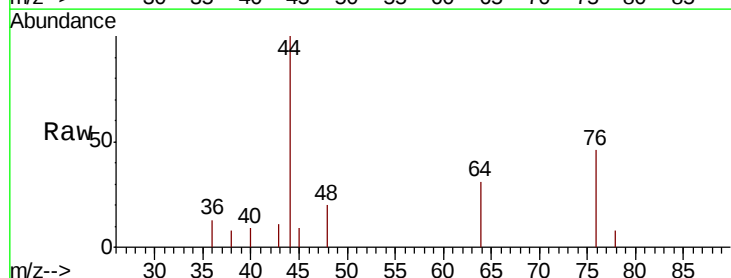
Acq: 09 Nov 2018 14:12

Tgt Ion: 76 Resp: 602

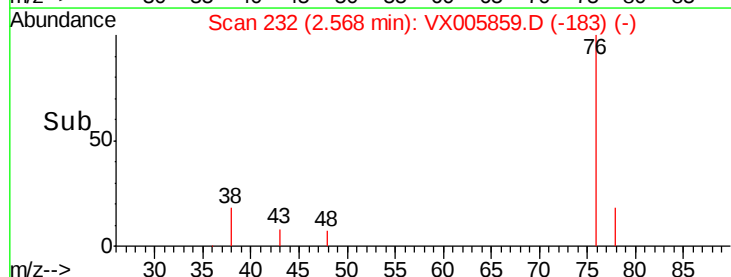
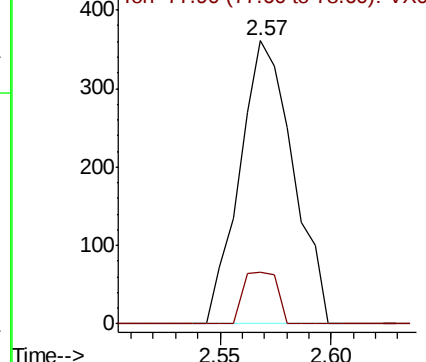
Ion Ratio Lower Upper

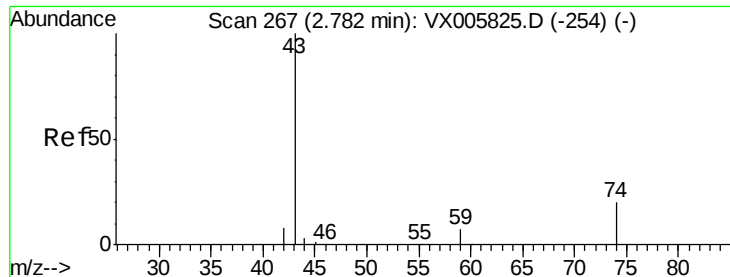
76 100

78 18.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

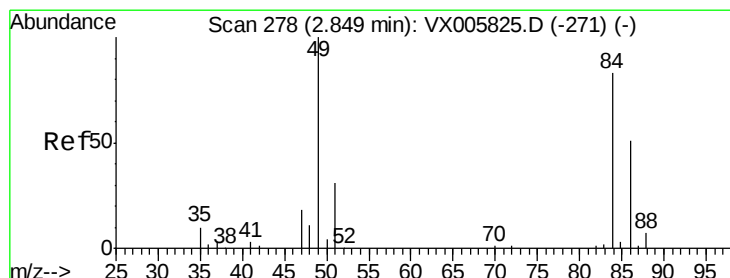
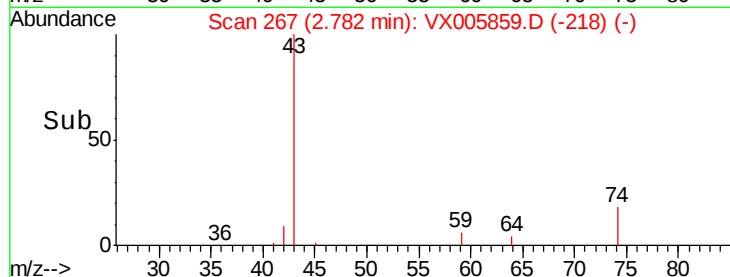
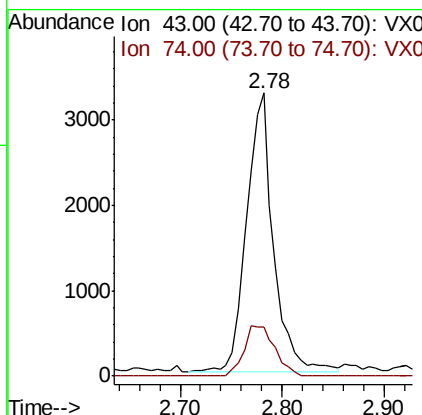
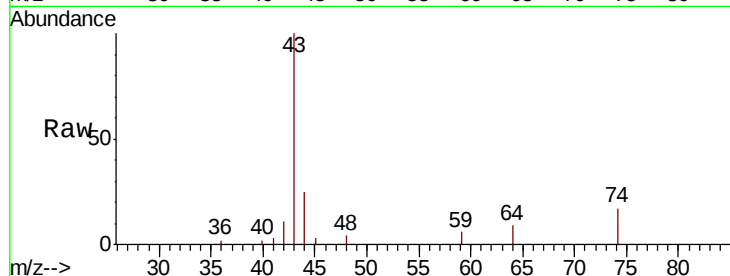




#18
Methyl Acetate
Concen: 1.752 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005859.D
Acq: 09 Nov 2018 14:12

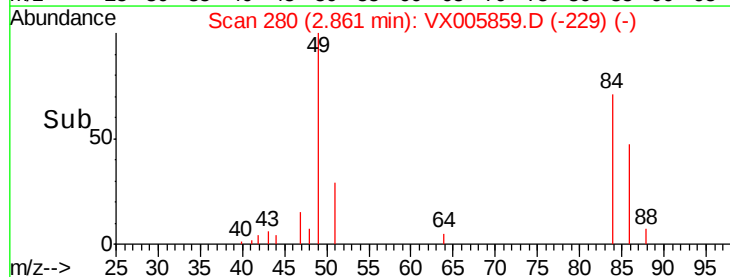
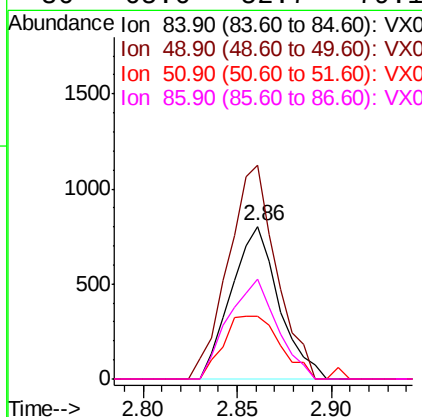
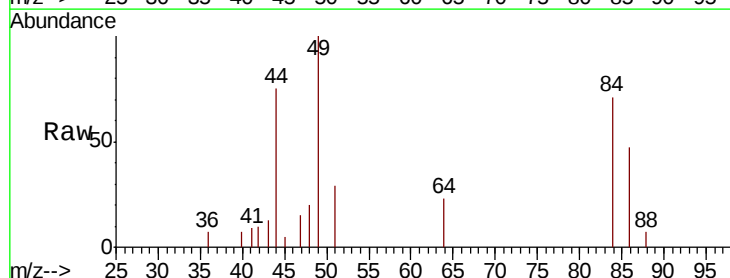
Instrument :
MSVOA_X
ClientSampleId :
PB114659ZHE#02

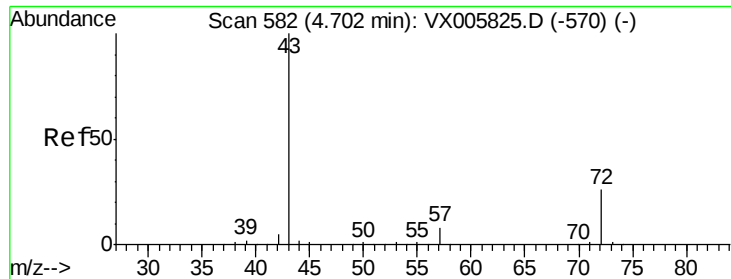
Tot Ion: 43 Resp: 5937
Ion Ratio Lower Upper
43 100
74 20.8 16.8 25.2



#20
Methylene Chloride
Concen: 1.233 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005859.D
Acq: 09 Nov 2018 14:12

Tgt Ion: 84 Resp: 1409
Ion Ratio Lower Upper
84 100
49 140.0 109.5 164.3
51 41.1 33.3 49.9
86 65.6 52.7 79.1





#25

2-Butanone

Concen: 0.734 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005859.D

Acq: 09 Nov 2018 14:12

Instrument :

MSVOA_X

ClientSampleId :

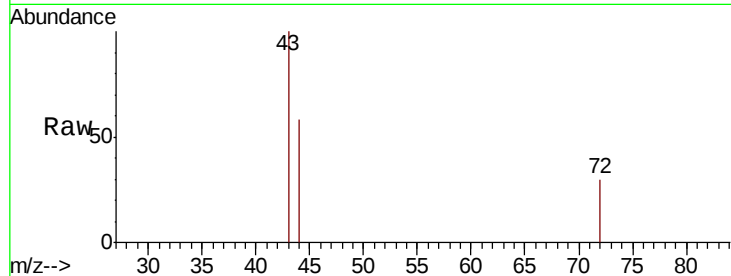
PB114659ZHE#02

Tot Ion: 43 Resp: 803

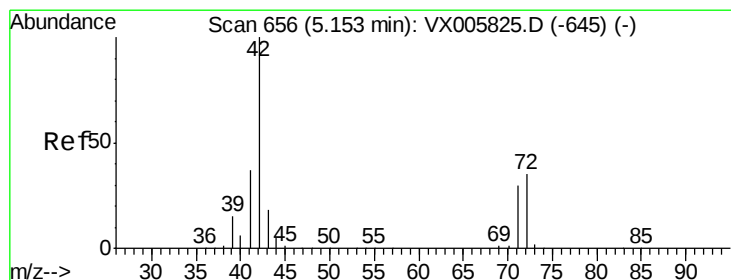
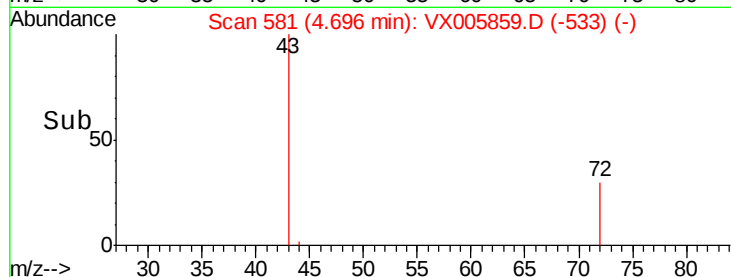
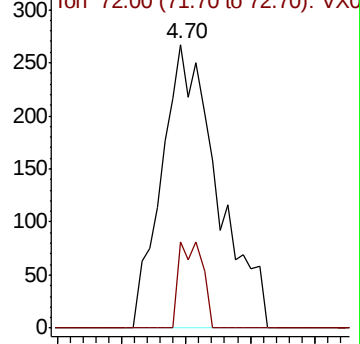
Ion Ratio Lower Upper

43 100

72 30.3 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0



#29

Tetrahydrofuran

Concen: 0.702 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.02 min

Lab File: VX005859.D

Acq: 09 Nov 2018 14:12

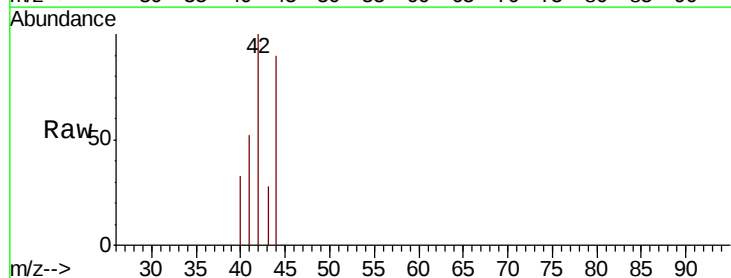
Tgt Ion: 42 Resp: 493

Ion Ratio Lower Upper

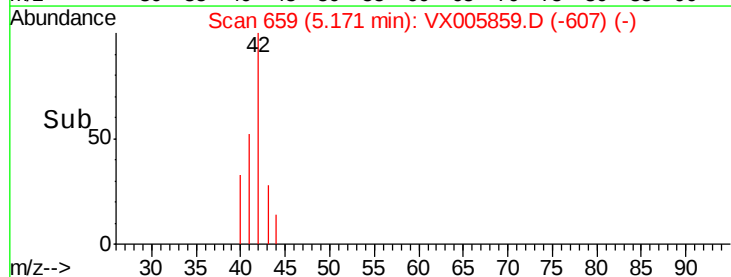
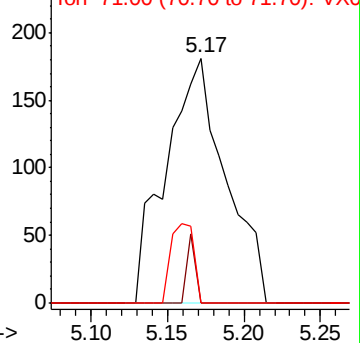
42 100

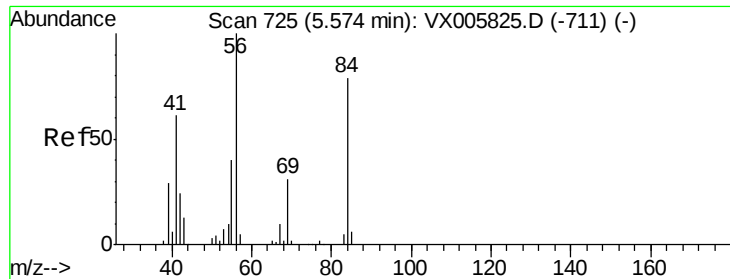
72 3.9 32.0 48.0#

71 12.4 29.8 44.8#



Abundance Ion 42.00 (41.70 to 42.70): VX0

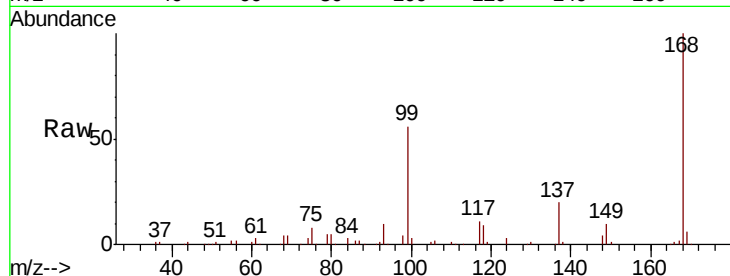




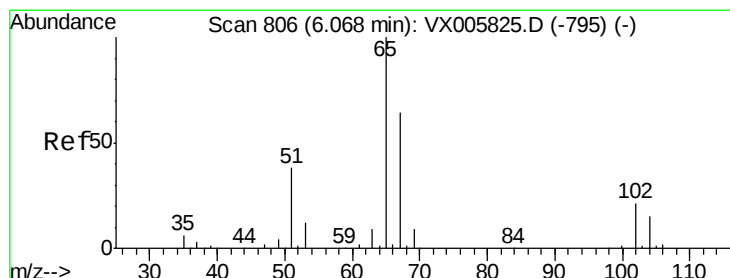
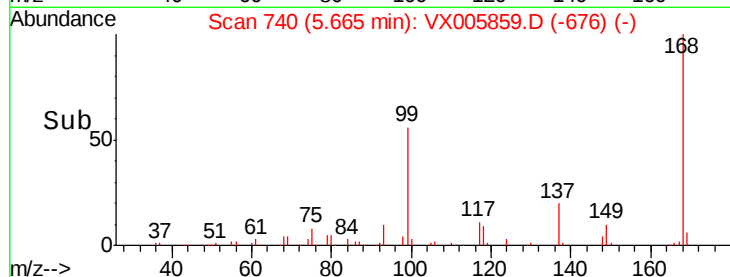
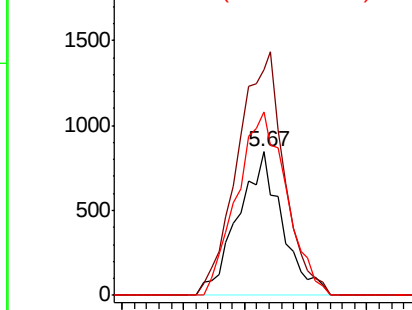
#31
Cyclohexane
Concen: 1.182 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX005859.D
Acq: 09 Nov 2018 14:12

Instrument :
MSVOA_X
ClientSampleId :
PB114659ZHE#02

Tot Ion: 56 Resp: 2128
Ion Ratio Lower Upper
56 100
69 157.6 22.6 34.0#
84 127.8 62.7 94.1#

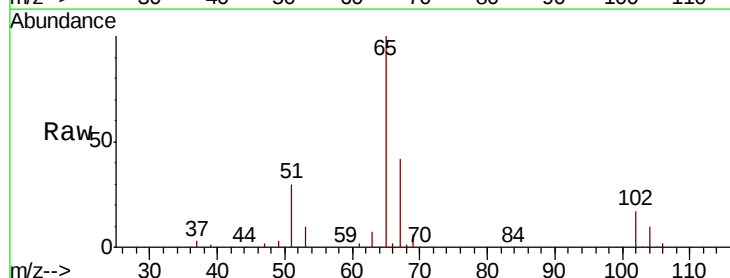


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

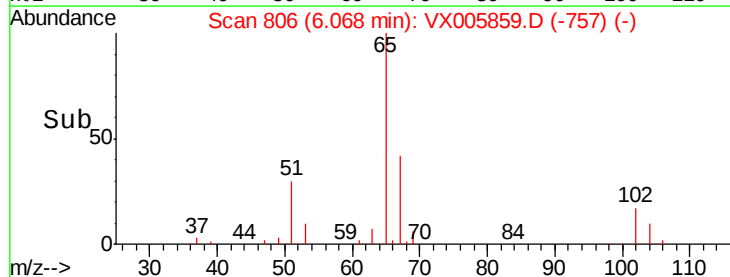
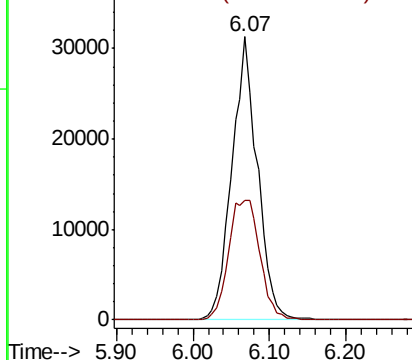


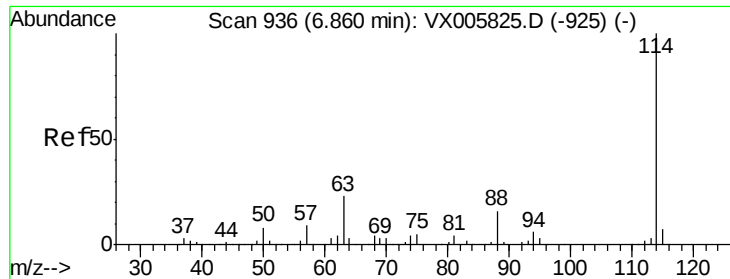
#33
1,2-Dichloroethane-d4
Concen: 55.760 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005859.D
Acq: 09 Nov 2018 14:12

Tgt Ion: 65 Resp: 72065
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

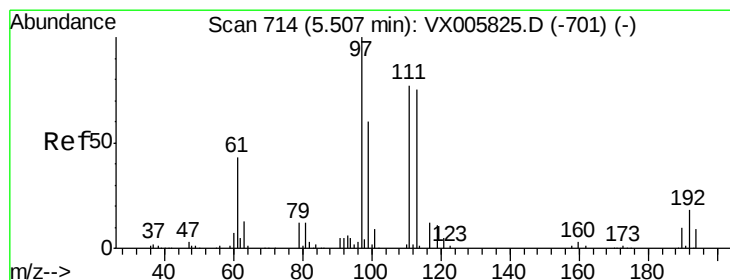
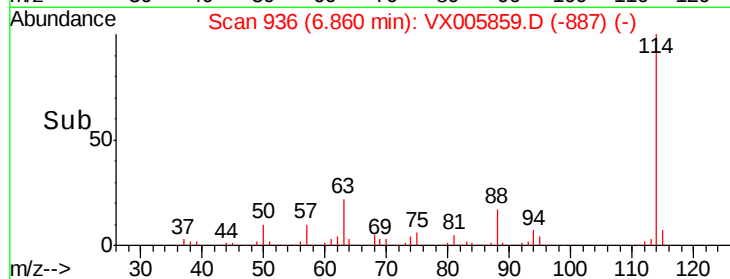
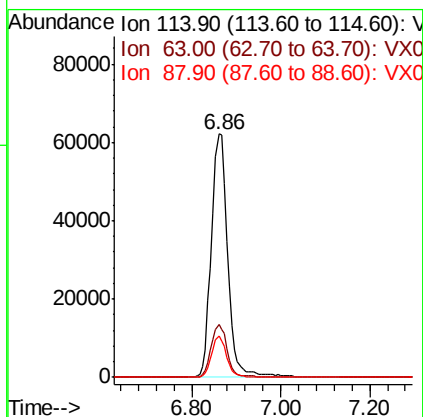
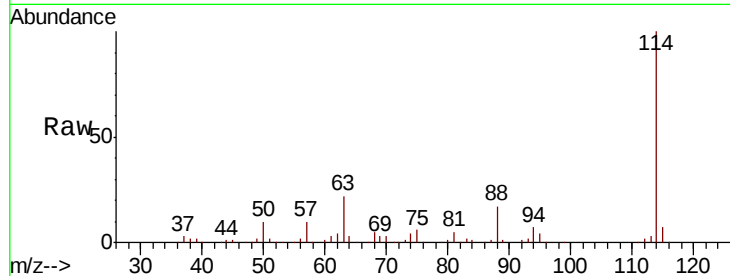




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005859.D
 Acq: 09 Nov 2018 14:12

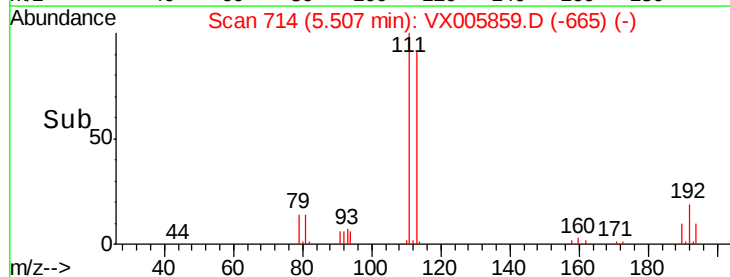
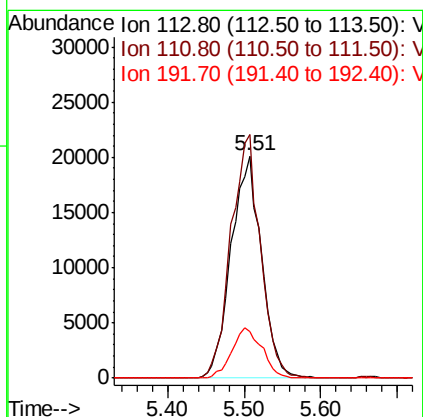
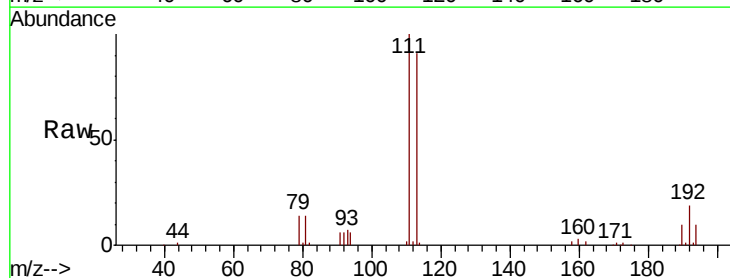
Instrument :
 MSVOA_X
 ClientSampleId :
 PB114659ZHE#02

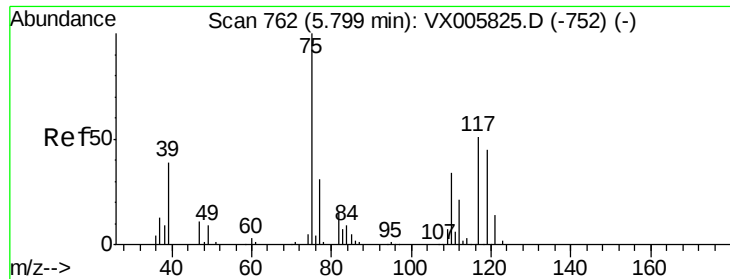
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	42.8
88	16.8	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 51.309 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VX005859.D
 Acq: 09 Nov 2018 14:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.9	82.3	123.5
192	22.6	17.9	26.9

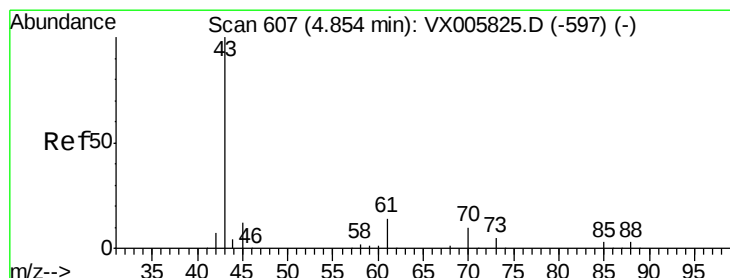
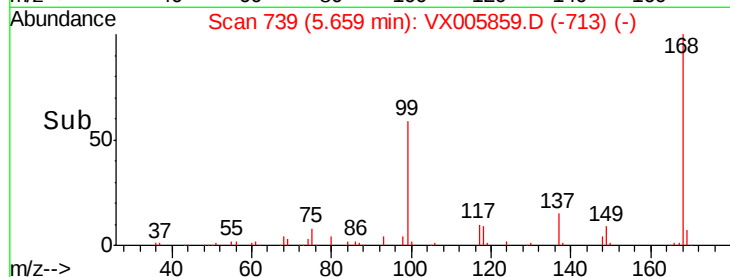
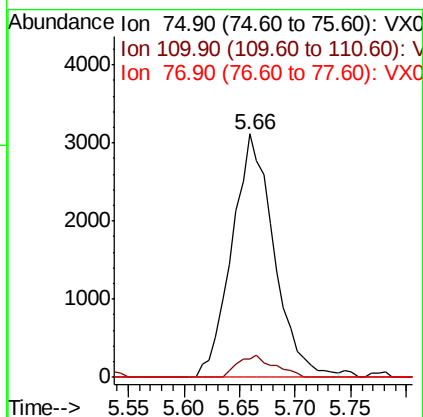
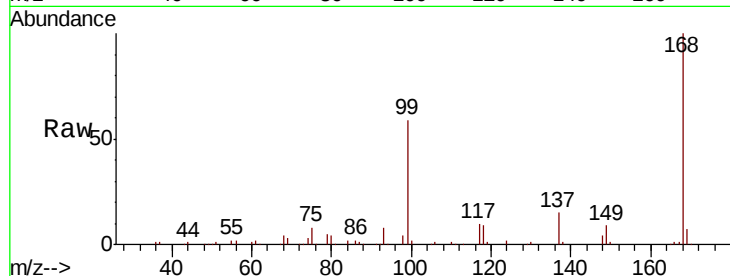




#36
 1,1-Dichloropropene
 Concen: 5.354 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX005859.D
 Acq: 09 Nov 2018 14:12

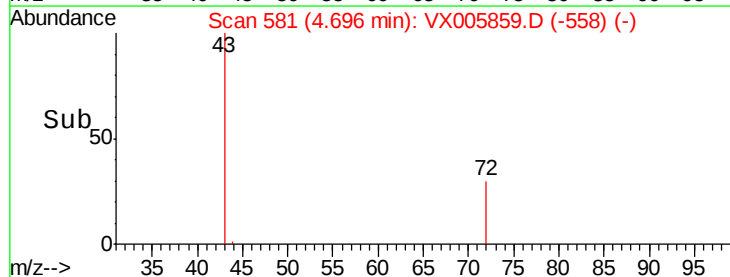
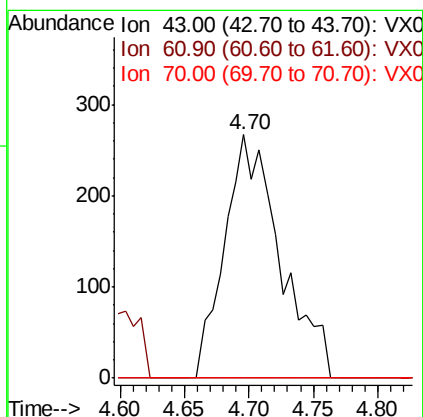
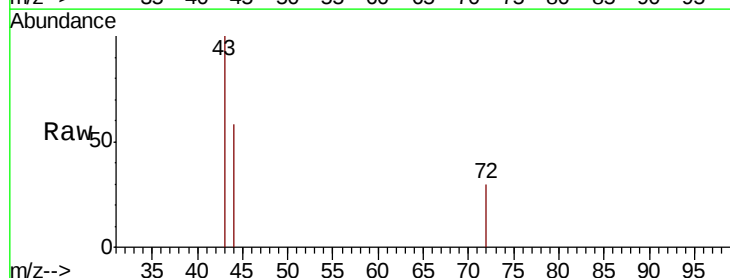
Instrument :
 MSVOA_X
 ClientSampleId :
 PB114659ZHE#02

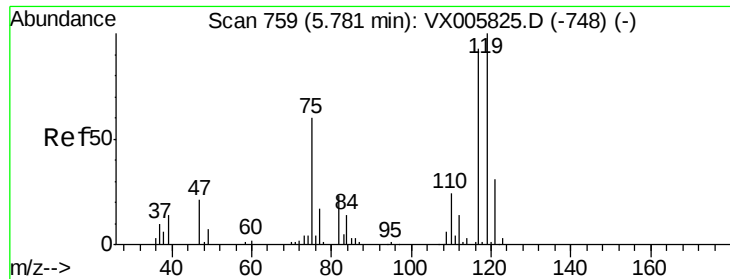
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.8	17.4	52.2#
77	0.0	25.8	38.6#



#37
 Ethyl Acetate
 Concen: 0.400 ug/l
 RT: 4.70 min Scan# 581
 Delta R.T. -0.16 min
 Lab File: VX005859.D
 Acq: 09 Nov 2018 14:12

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.8	16.2#
70	0.0	7.8	11.8#





#38

Carbon Tetrachloride

Concen: 6.877 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX005859.D

Acq: 09 Nov 2018 14:12

Instrument :

MSVOA_X

ClientSampleId :

PB114659ZHE#02

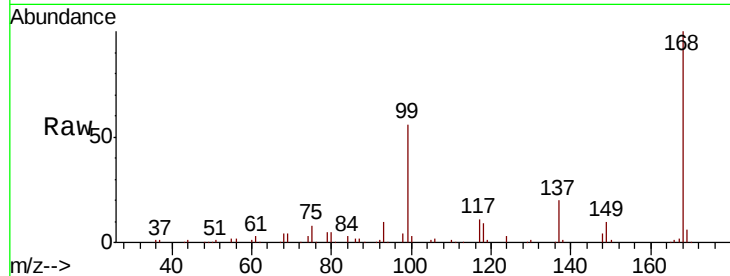
Tot Ion:117 Resp: 10517

Ion Ratio Lower Upper

117 100

119 4.7 78.1 117.1#

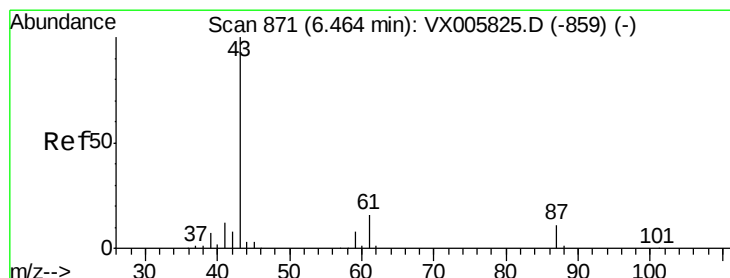
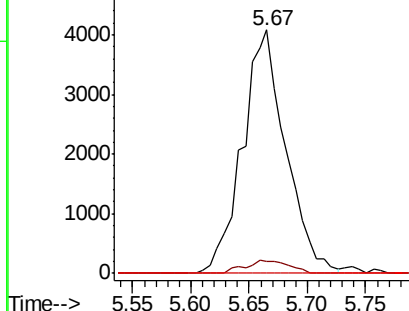
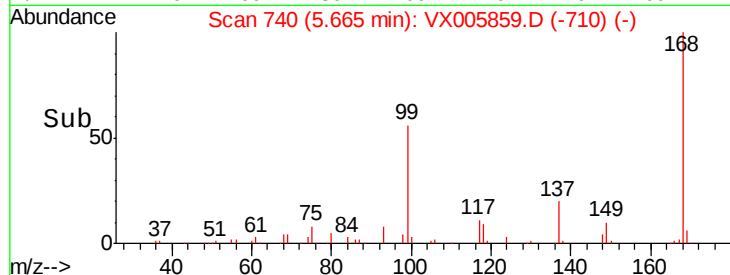
121 0.0 24.6 36.8#



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



#43

Isopropyl Acetate

Concen: 9.167 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX005859.D

Acq: 09 Nov 2018 14:12

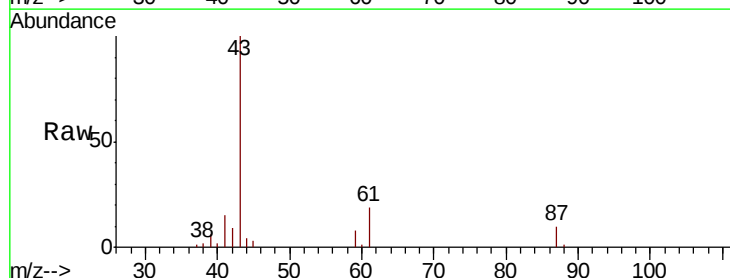
Tgt Ion: 43 Resp: 26683

Ion Ratio Lower Upper

43 100

61 19.4 14.6 22.0

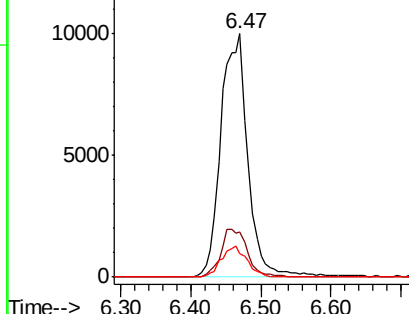
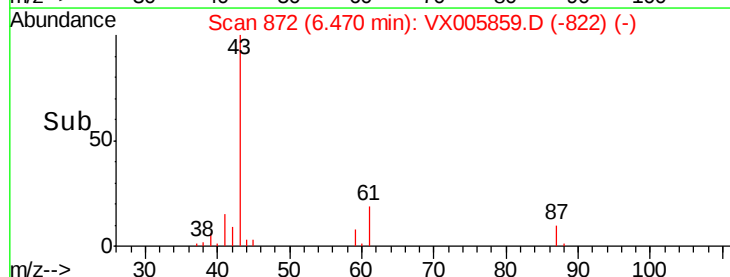
87 11.9 9.6 14.4

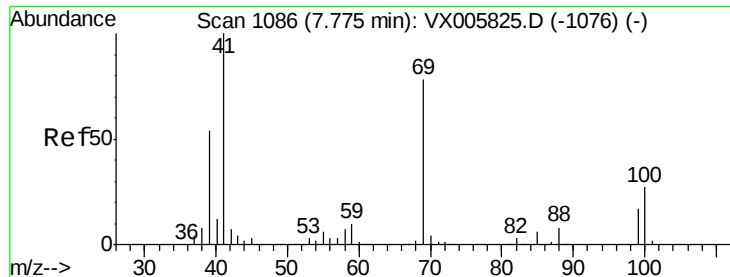


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

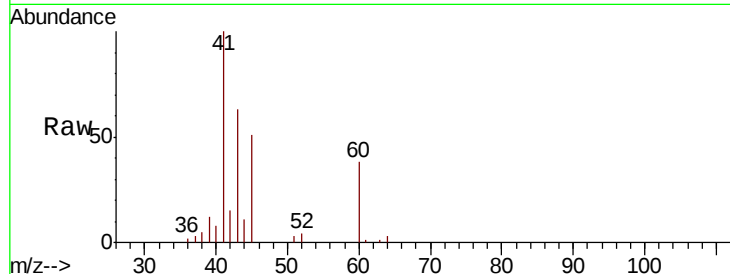




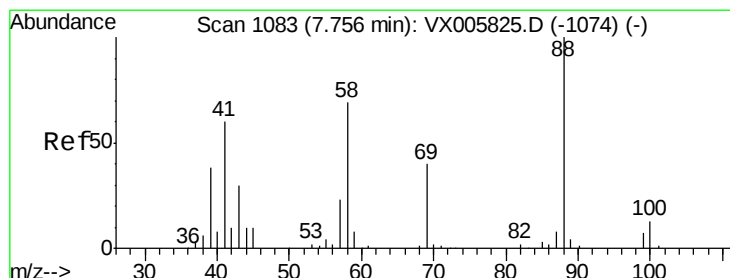
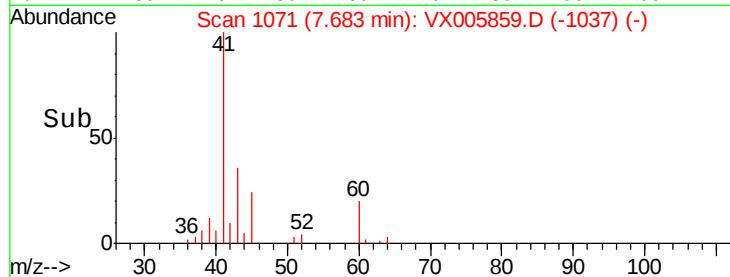
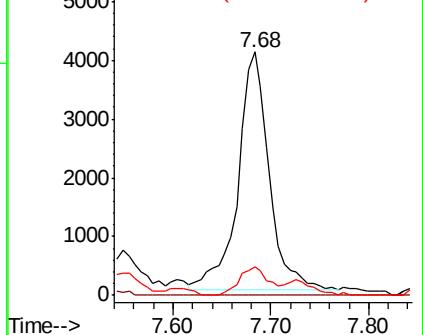
#48
Methvl methacrylate
Concen: 6.808 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX005859.D
Acq: 09 Nov 2018 14:12

Instrument :
MSVOA_X
ClientSampleId :
PB114659ZHE#02

Tot Ion: 41 Resp: 8898
Ion Ratio Lower Upper
41 100
69 0.0 63.2 94.8#
39 0.0 42.2 63.2#

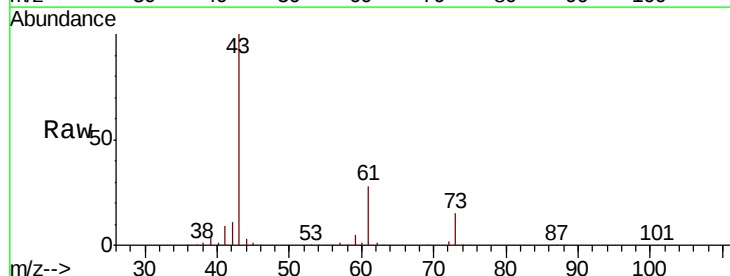


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

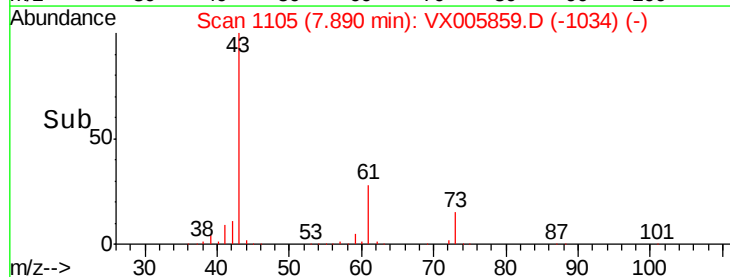
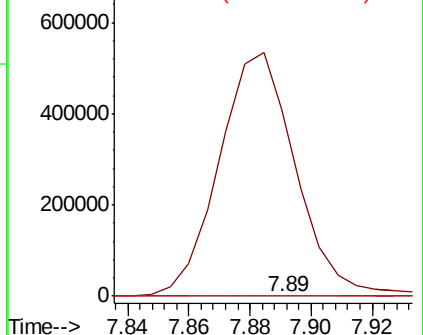


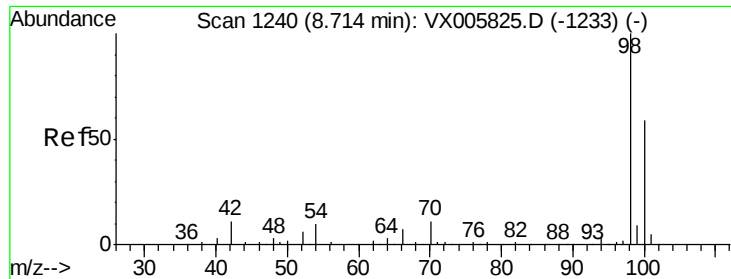
#49
1,4-Dioxane
Concen: 5.007 ug/l
RT: 7.89 min Scan# 1105
Delta R.T. 0.13 min
Lab File: VX005859.D
Acq: 09 Nov 2018 14:12

Tgt Ion: 88 Resp: 141
Ion Ratio Lower Upper
88 100
43 668447.5 27.4 41.0#
58 2549.6 59.4 89.2#



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

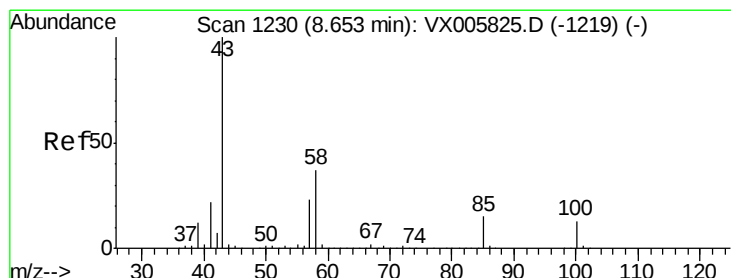
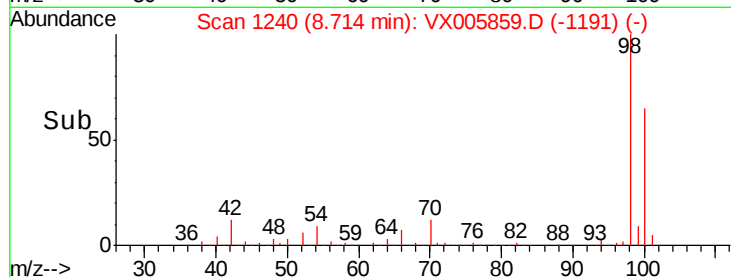
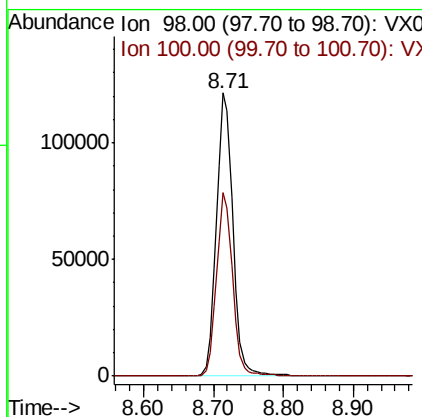
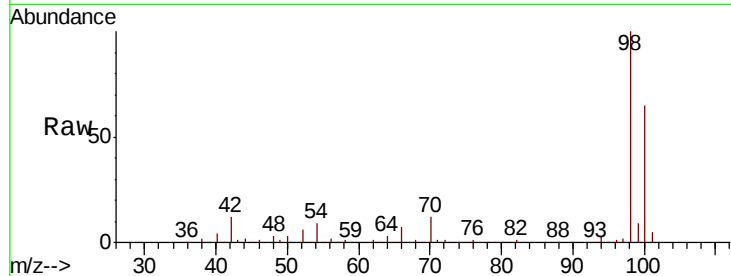




#50
Toluene-d8
Concen: 55.309 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005859.D
Acq: 09 Nov 2018 14:12

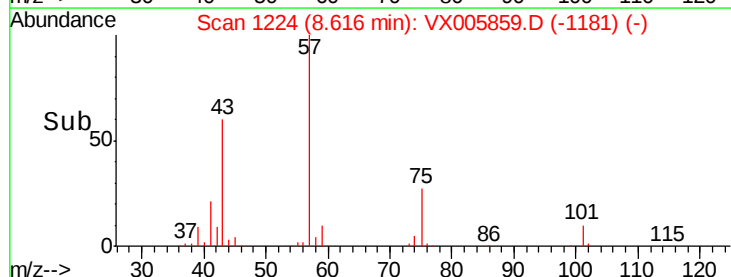
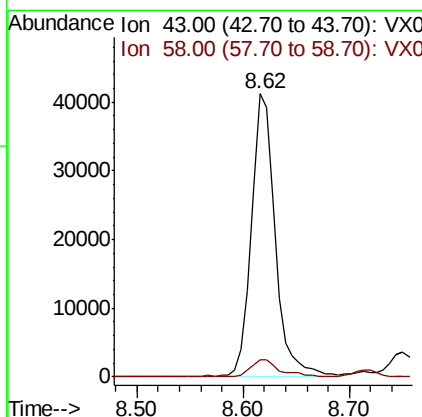
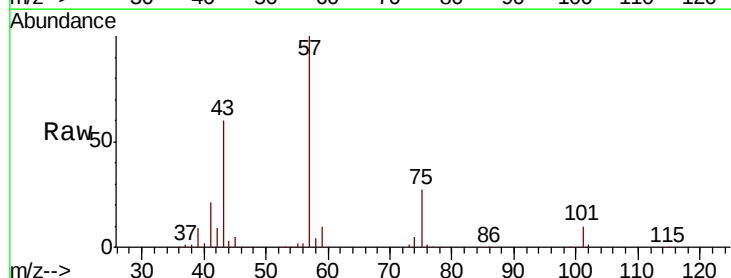
Instrument :
MSVOA_X
ClientSampleId :
PB114659ZHE#02

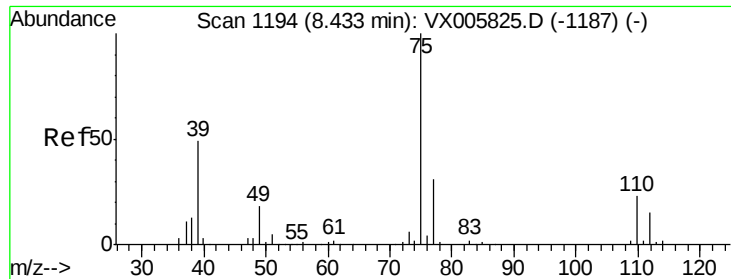
Tot Ion: 98 Resp: 198171
Ion Ratio Lower Upper
98 100
100 63.7 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 35.107 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.04 min
Lab File: VX005859.D
Acq: 09 Nov 2018 14:12

Tgt Ion: 43 Resp: 64401
Ion Ratio Lower Upper
43 100
58 7.5 29.7 44.5#



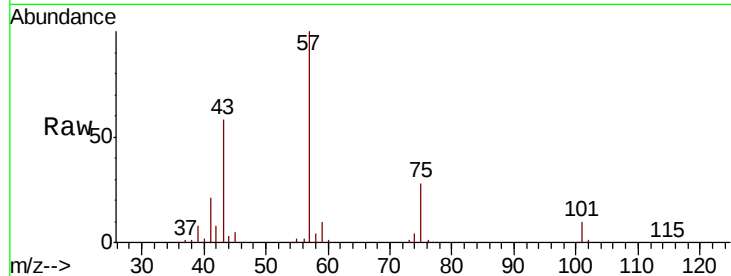


#54

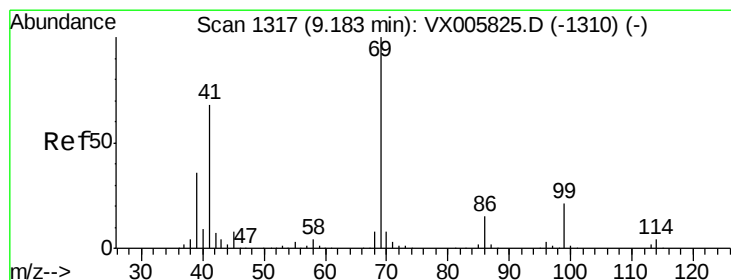
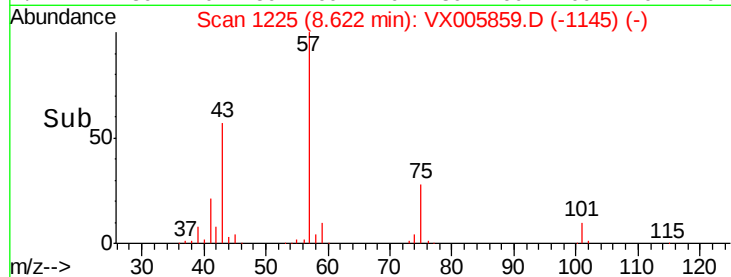
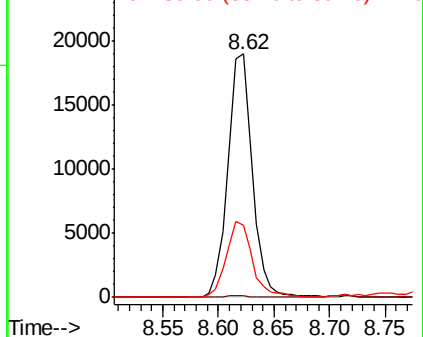
cis-1,3-Dichloropropene
 Concen: 18.838 ug/l
 RT: 8.62 min Scan# 1225
 Delta R.T. 0.19 min
 Lab File: VX005859.D
 Acq: 09 Nov 2018 14:12

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114659ZHE#02

Tot Ion: 75 Resp: 29043
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.2 37.8#
 39 29.5 38.2 57.2#



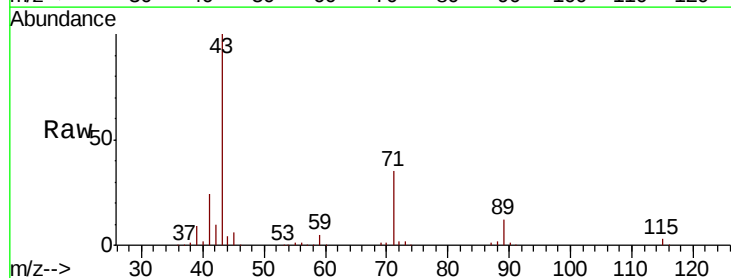
Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0
 Ion 39.00 (38.70 to 39.70): VX0



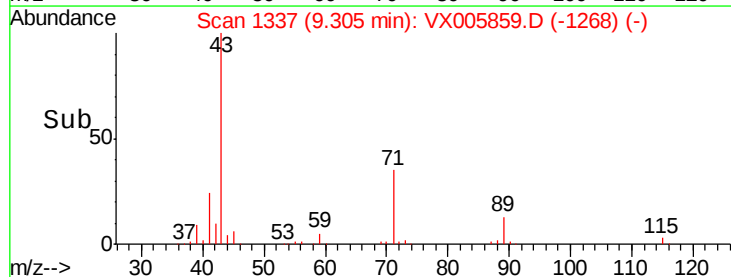
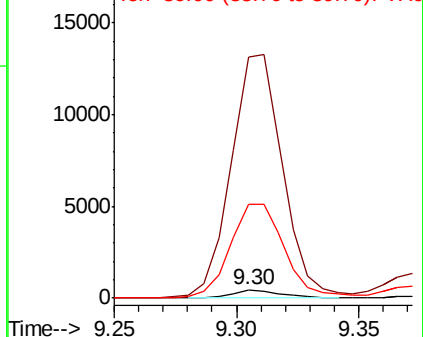
#56

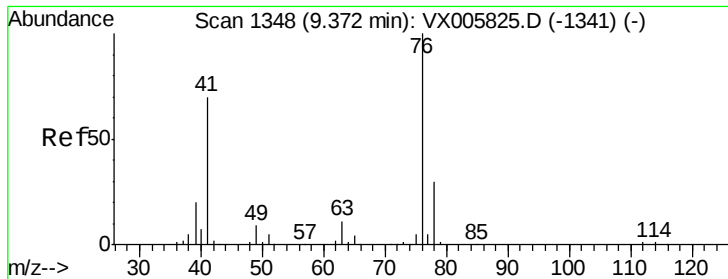
Ethyl methacrylate
 Concen: 0.360 ug/l
 RT: 9.30 min Scan# 1337
 Delta R.T. 0.12 min
 Lab File: VX005859.D
 Acq: 09 Nov 2018 14:12

Tgt Ion: 69 Resp: 598
 Ion Ratio Lower Upper
 69 100
 41 3267.2 57.0 85.6#
 39 1326.1 28.3 42.5#



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: 3.751 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX005859.D

Acq: 09 Nov 2018 14:12

Instrument :

MSVOA_X

ClientSampleId :

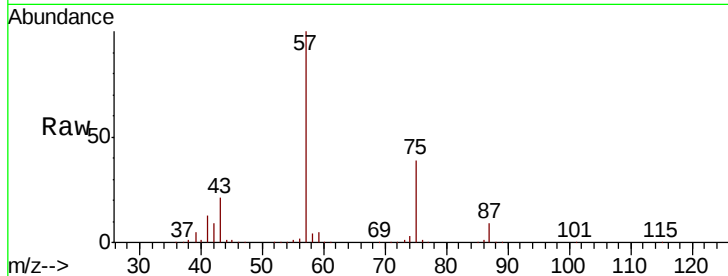
PB114659ZHE#02

Tot Ion: 76 Resp: 6991

Ion Ratio Lower Upper

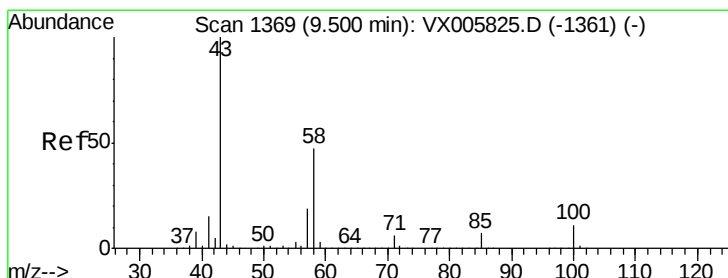
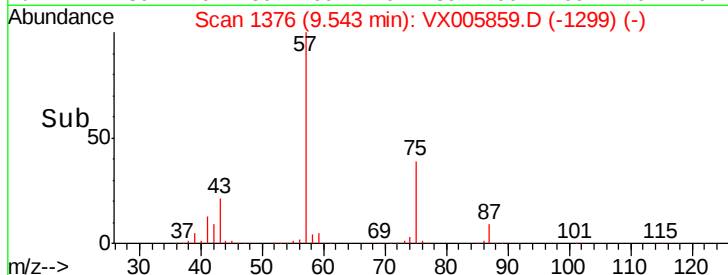
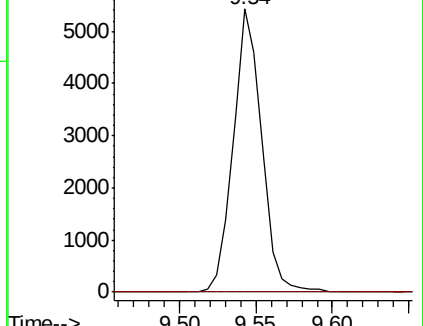
76 100

78 0.0 25.3 37.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 64.945 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.04 min

Lab File: VX005859.D

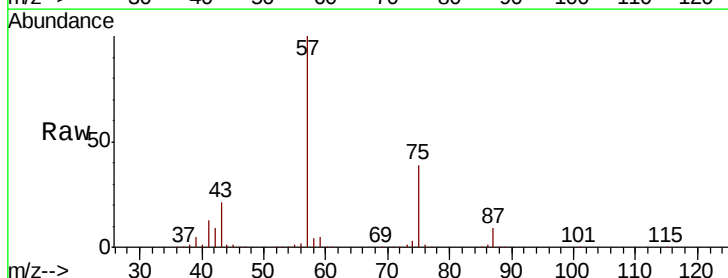
Acq: 09 Nov 2018 14:12

Tgt Ion: 43 Resp: 105013

Ion Ratio Lower Upper

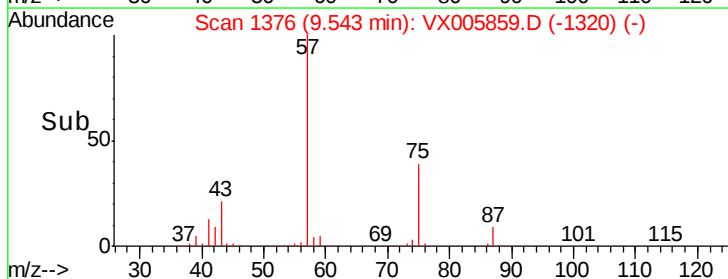
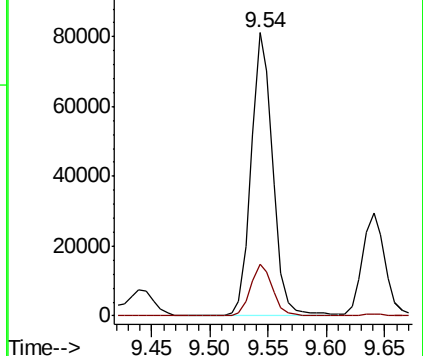
43 100

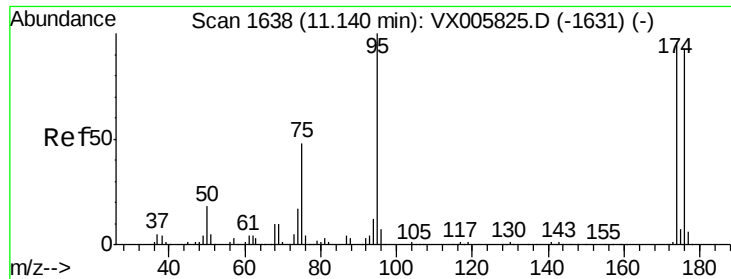
58 18.7 25.9 77.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

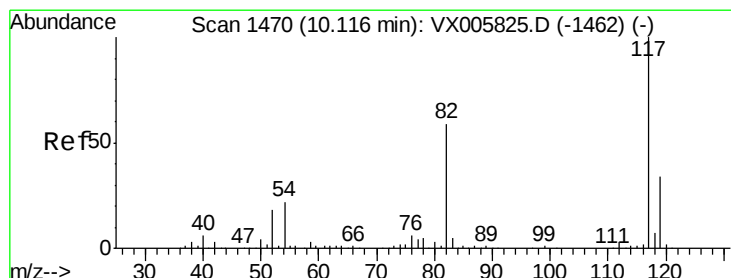
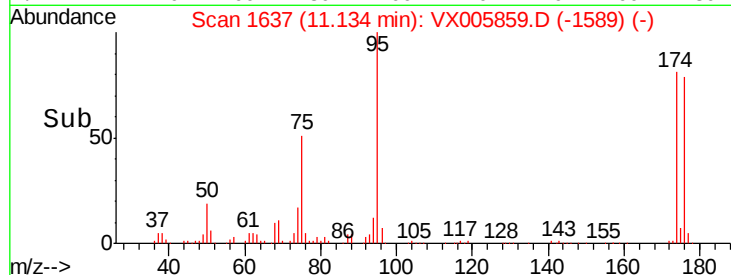
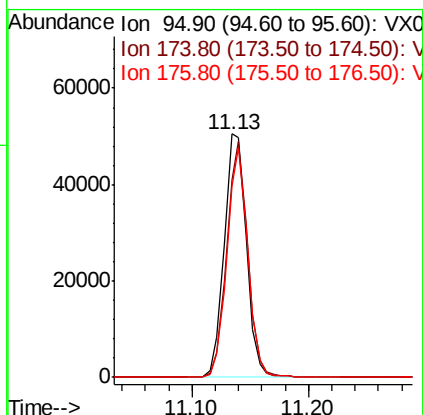
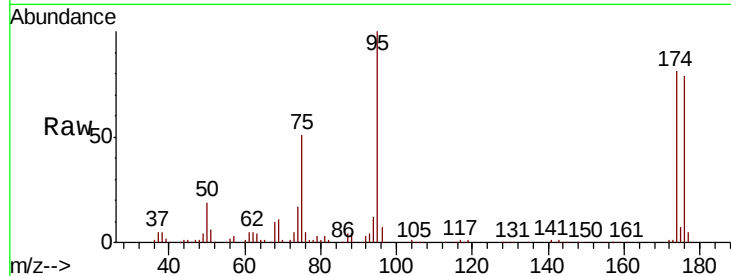




#62
4-Bromofluorobenzene
Concen: 51.833 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX005859.D
Acq: 09 Nov 2018 14:12

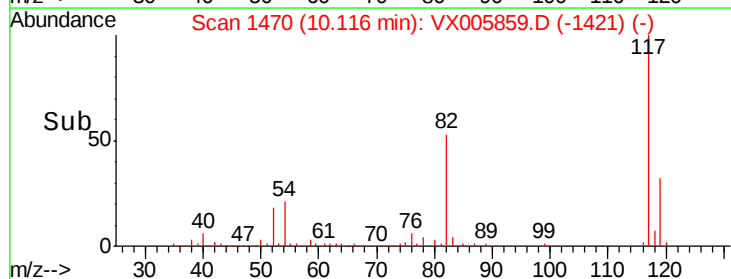
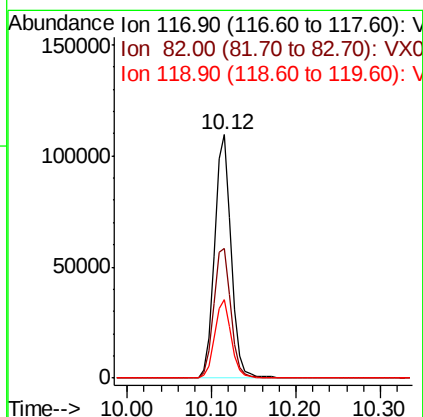
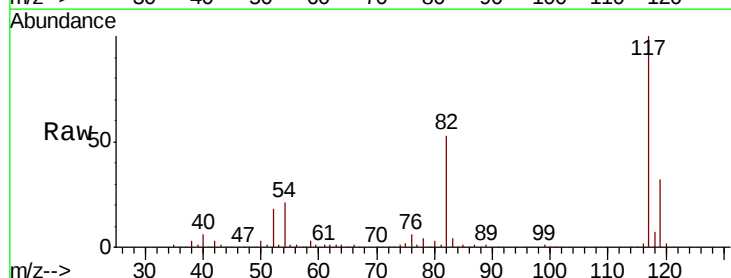
Instrument :
MSVOA_X
ClientSampleId :
PB114659ZHE#02

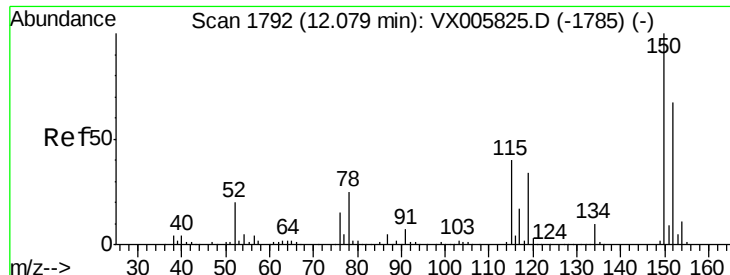
Tot Ion: 95 Resp: 66771
Ion Ratio Lower Upper
95 100
174 91.8 0.0 184.4
176 88.6 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005859.D
Acq: 09 Nov 2018 14:12

Tgt Ion: 117 Resp: 149062
Ion Ratio Lower Upper
117 100
82 53.1 44.1 66.1
119 32.2 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005859.D

Acq: 09 Nov 2018 14:12

Instrument :

MSVOA_X

ClientSampleId :

PB114659ZHE#02

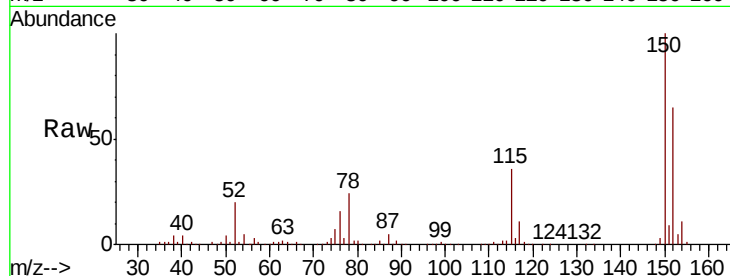
Tot Ion:152 Resp: 70168

Ion Ratio Lower Upper

152 100

115 55.7 39.4 118.1

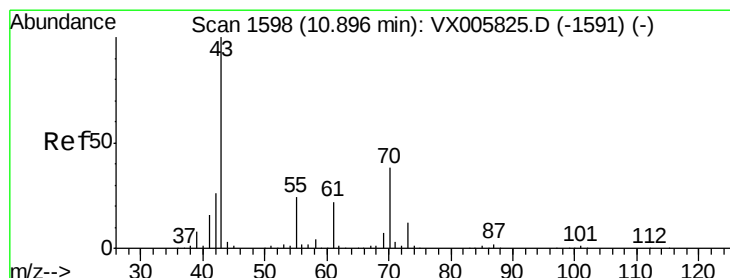
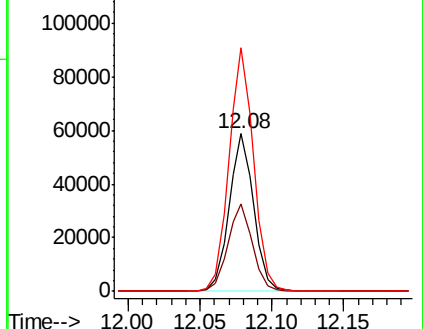
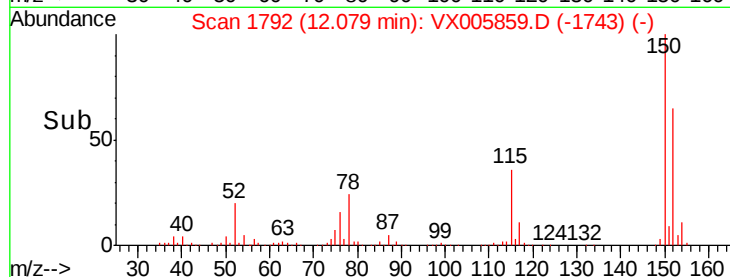
150 155.3 0.0 346.4



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



#74

N-ethyl acetate

Concen: 5.562 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.20 min

Lab File: VX005859.D

Acq: 09 Nov 2018 14:12

Tgt Ion: 43 Resp: 10067

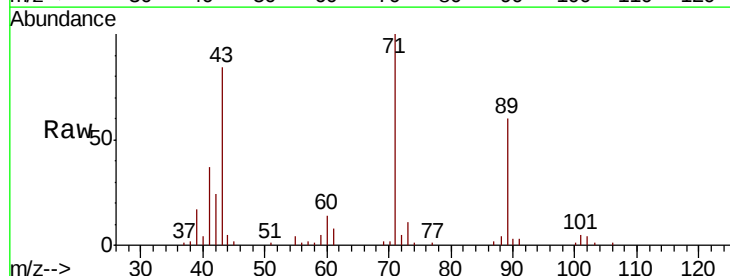
Ion Ratio Lower Upper

43 100

70 2.5 31.6 47.4#

55 5.3 19.7 29.5#

61 9.1 18.3 27.5#

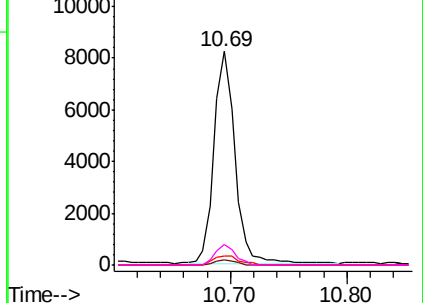
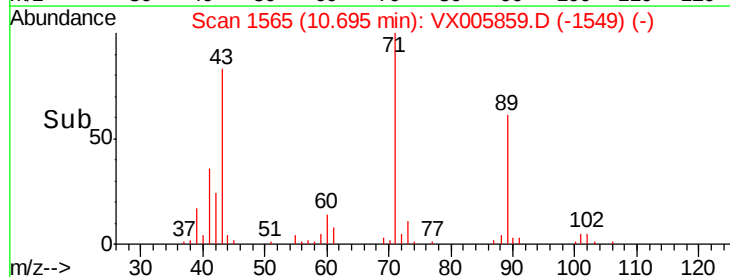


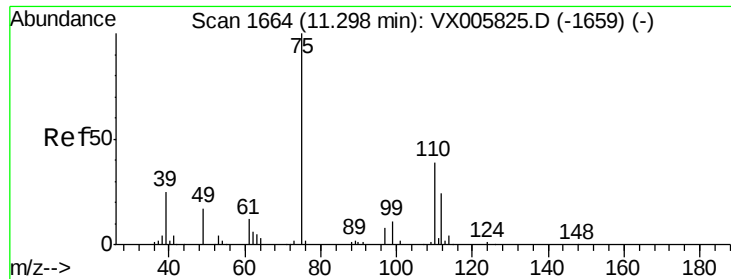
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

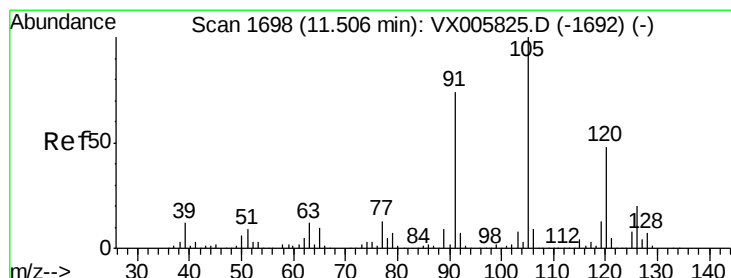
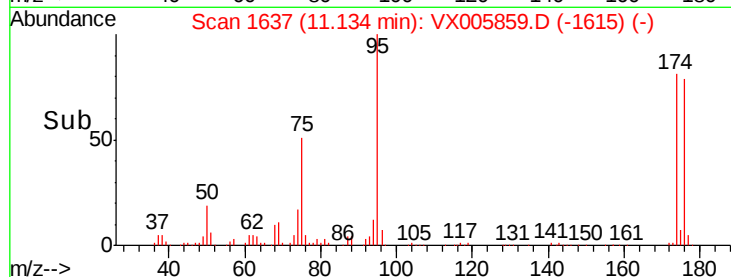
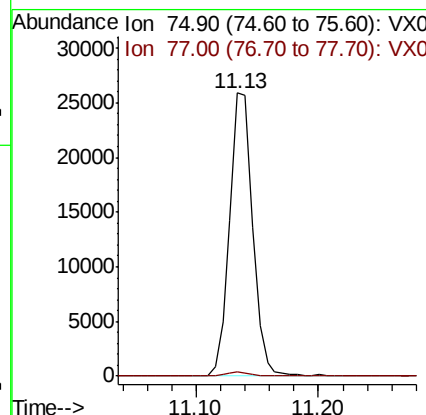
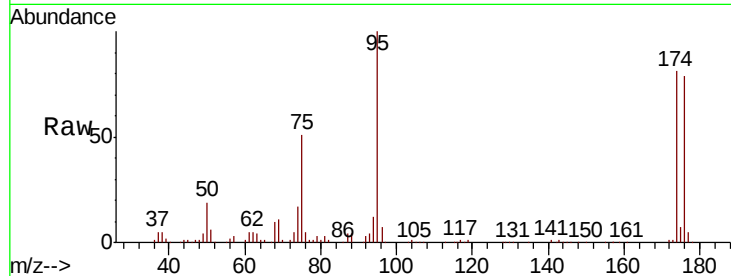




#76
 1,2,3-Trichloropropane
 Concen: 23.714 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX005859.D
 Acq: 09 Nov 2018 14:12

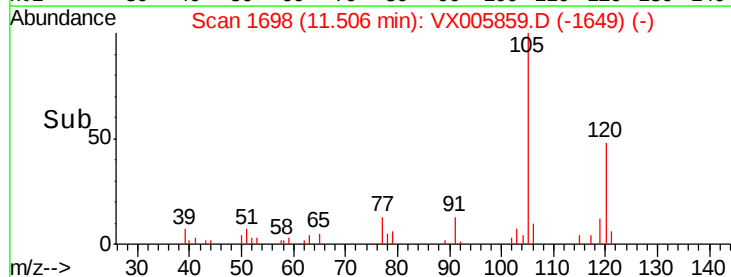
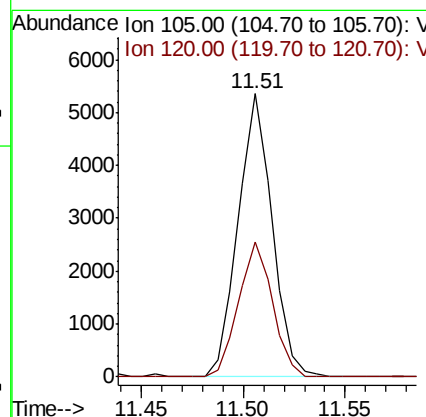
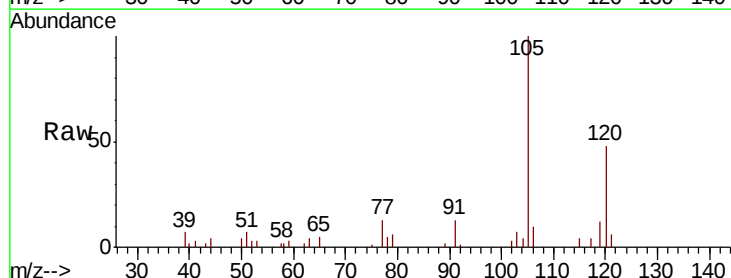
Instrument :
 MSVOA_X
 ClientSampleId :
 PB114659ZHE#02

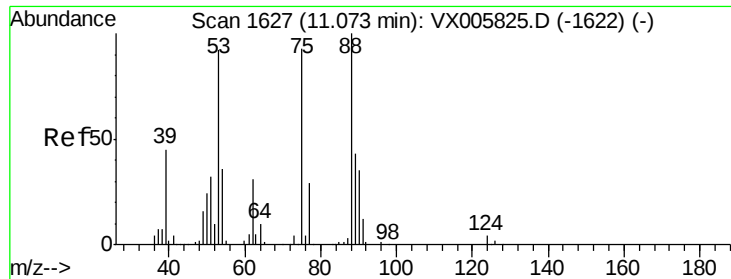
Tot Ion: 75 Resp: 33882
 Ion Ratio Lower Upper
 75 100
 77 1.4 20.5 61.6#



#80
 1,3,5-Trimethylbenzene
 Concen: 1.784 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005859.D
 Acq: 09 Nov 2018 14:12

Tgt Ion: 105 Resp: 6153
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 75.581 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX005859.D

Acq: 09 Nov 2018 14:12

Instrument :

MSVOA_X

ClientSampleId :

PB114659ZHE#02

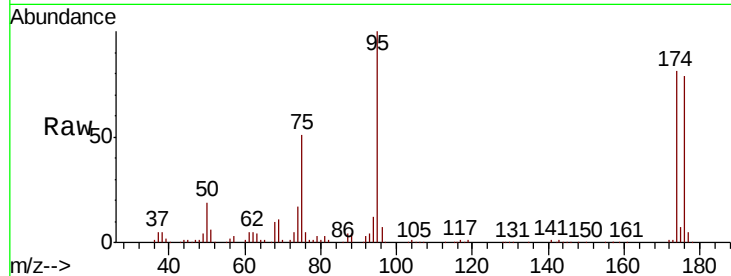
Tot Ion: 75 Resp: 33882

Ion Ratio Lower Upper

75 100

53 0.1 80.2 120.2#

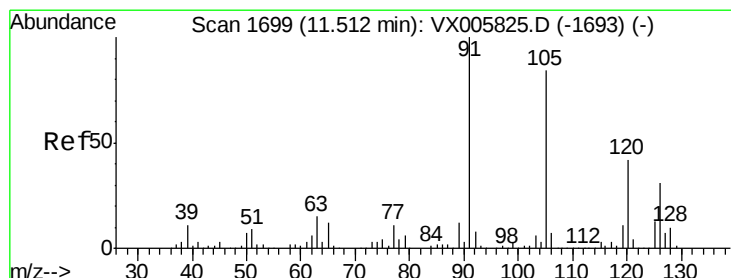
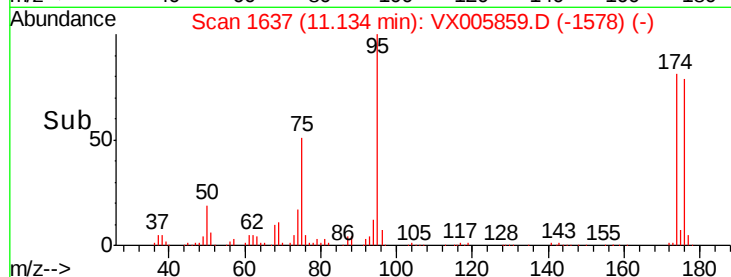
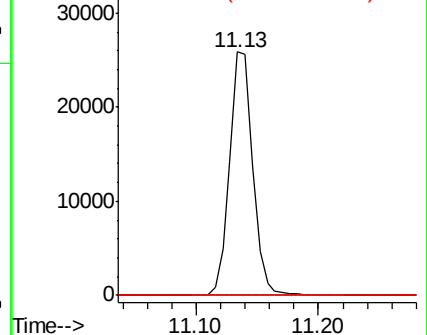
89 0.0 39.8 59.8#



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



#82

4-Chlorotoluene

Concen: 0.260 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX005859.D

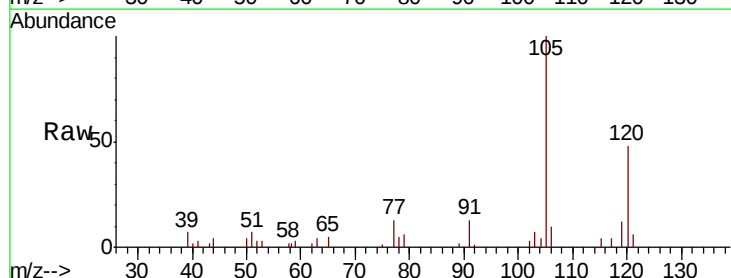
Acq: 09 Nov 2018 14:12

Tgt Ion: 91 Resp: 887

Ion Ratio Lower Upper

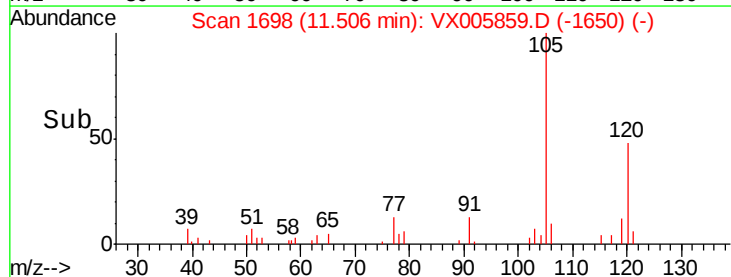
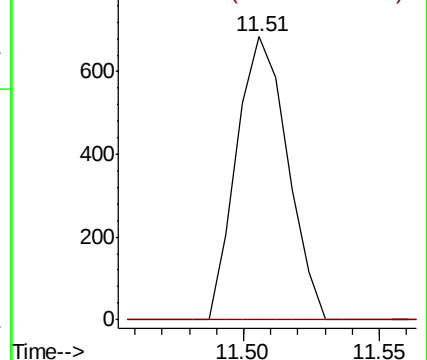
91 100

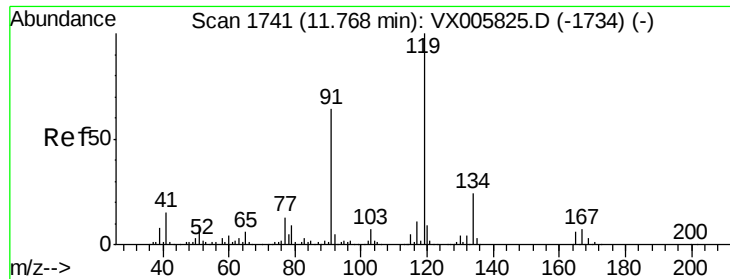
126 0.0 15.2 45.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 0.224 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.26 min

Lab File: VX005859.D

Acq: 09 Nov 2018 14:12

Instrument :

MSVOA_X

ClientSampleId :

PB114659ZHE#02

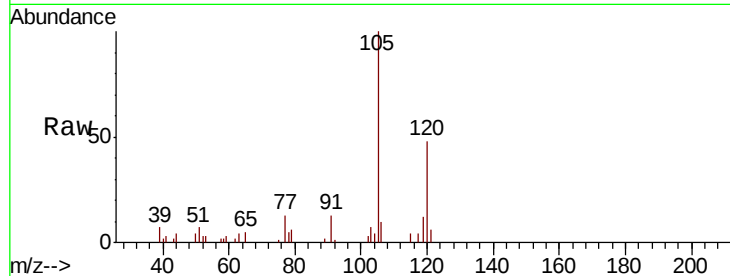
Tot Ion:119 Resp: 781

Ion Ratio Lower Upper

119 100

91 113.6 28.5 85.5#

134 0.0 11.3 33.8#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

11.51

600

400

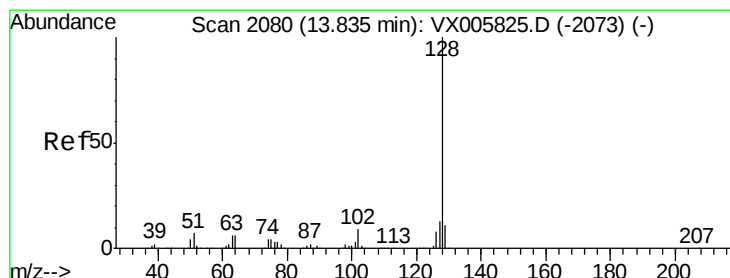
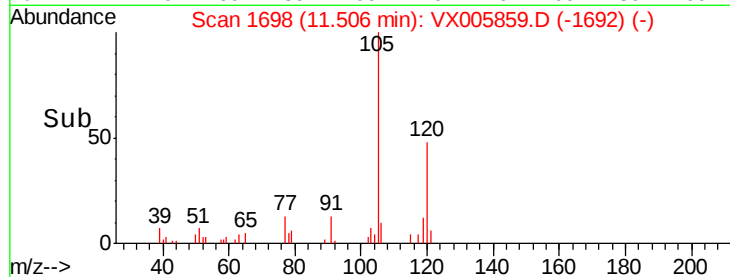
200

0

11.50

11.55

Time-->



#95

Naphthalene

Concen: 1.234 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005859.D

Acq: 09 Nov 2018 14:12

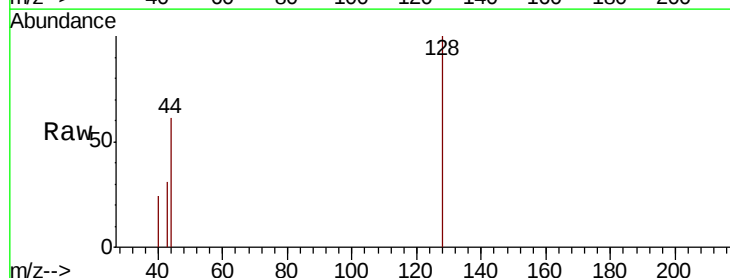
Tgt Ion:128 Resp: 292

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 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

13.83

300

200

100

0

13.80

13.85

Time-->

