

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111218\
 Data File : VX005897.D
 Acq On : 12 Nov 2018 13:48
 Operator : JC/MD
 Sample : J5889-11DL 10X
 Misc : 12.72g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BOTTOM-BDL

Quant Time: Nov 13 04:40:02 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	109561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	166371	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	156983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	85381	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	68624	54.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.96%	
35) Dibromofluoromethane	5.50	113	53397	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
50) Toluene-d8	8.71	98	205228	54.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.10%	
62) 4-Bromofluorobenzene	11.14	95	78095	57.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.48%	

Target Compounds

						Qvalue
5) Bromomethane	1.64	94	227	0.285	ug/l #	79
11) Tert butyl alcohol	3.02	59	1384	3.836	ug/l #	72
16) Acetone	2.45	43	540	0.796	ug/l	99
18) Methyl Acetate	2.78	43	297	Below Cal	#	55
20) Methylene Chloride	2.85	84	504	0.452	ug/l	91
29) Tetrahydrofuran	5.17	42	208	0.304	ug/l #	44
31) Cyclohexane	5.59	56	822	0.468	ug/l	93
36) 1,1-Dichloropropene	5.66	75	7755	4.835	ug/l #	49
38) Carbon Tetrachloride	5.66	117	10164	6.330	ug/l #	16
39) Methylcyclohexane	7.46	83	7311	4.498	ug/l	90
48) Methyl methacrylate	7.73	41	462	0.337	ug/l #	70
51) 4-Methyl-2-Pentanone	8.66	43	888	0.461	ug/l #	38
55) 1,1,2-Trichloroethane	9.16	97	3859	3.314	ug/l #	18
56) Ethyl methacrylate	9.16	69	954	0.547	ug/l #	1
59) 2-Hexanone	9.55	43	1331	0.784	ug/l #	32
67) Ethyl Benzene	10.25	91	38442	7.623	ug/l	100
68) m/p-Xylenes	10.36	106	12379	6.436	ug/l	97
69) o-Xylene	10.70	106	981	0.569	ug/l	96
73) Isopropylbenzene	11.02	105	17374	3.519	ug/l	99
74) N-amyl acetate	10.91	43	4091	2.690	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	2986	1.648	ug/l #	28
76) 1,2,3-Trichloropropane	11.14	75	38508	22.150	ug/l #	37
78) n-propylbenzene	11.36	91	43947	7.552	ug/l	98
79) 2-Chlorotoluene	11.43	91	15764	4.482	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	90314	21.525	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	38508	70.594	ug/l #	10
82) 4-Chlorotoluene	11.51	91	9705	2.341	ug/l #	44
83) tert-Butylbenzene	11.81	119	39694	9.351	ug/l #	59
84) 1,2,4-Trimethylbenzene	11.81	105	318228	68.770	ug/l	100
85) sec-Butylbenzene	11.94	105	23368	4.502	ug/l	83
86) p-Isopropyltoluene	12.07	119	22807	4.960	ug/l	96
89) n-Butylbenzene	12.38	91	42785	10.040	ug/l #	30
90) Hexachloroethane	12.61	117	6418	8.361	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	13.02	75	934	2.112	ug/l #	14

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX111218\
Data File : VX005897.D
Acq On : 12 Nov 2018 13:48
Operator : JC/MD
Sample : J5889-11DL 10X
Misc : 12.72g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BOTTOM-BDL

Quant Time: Nov 13 04:40:02 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

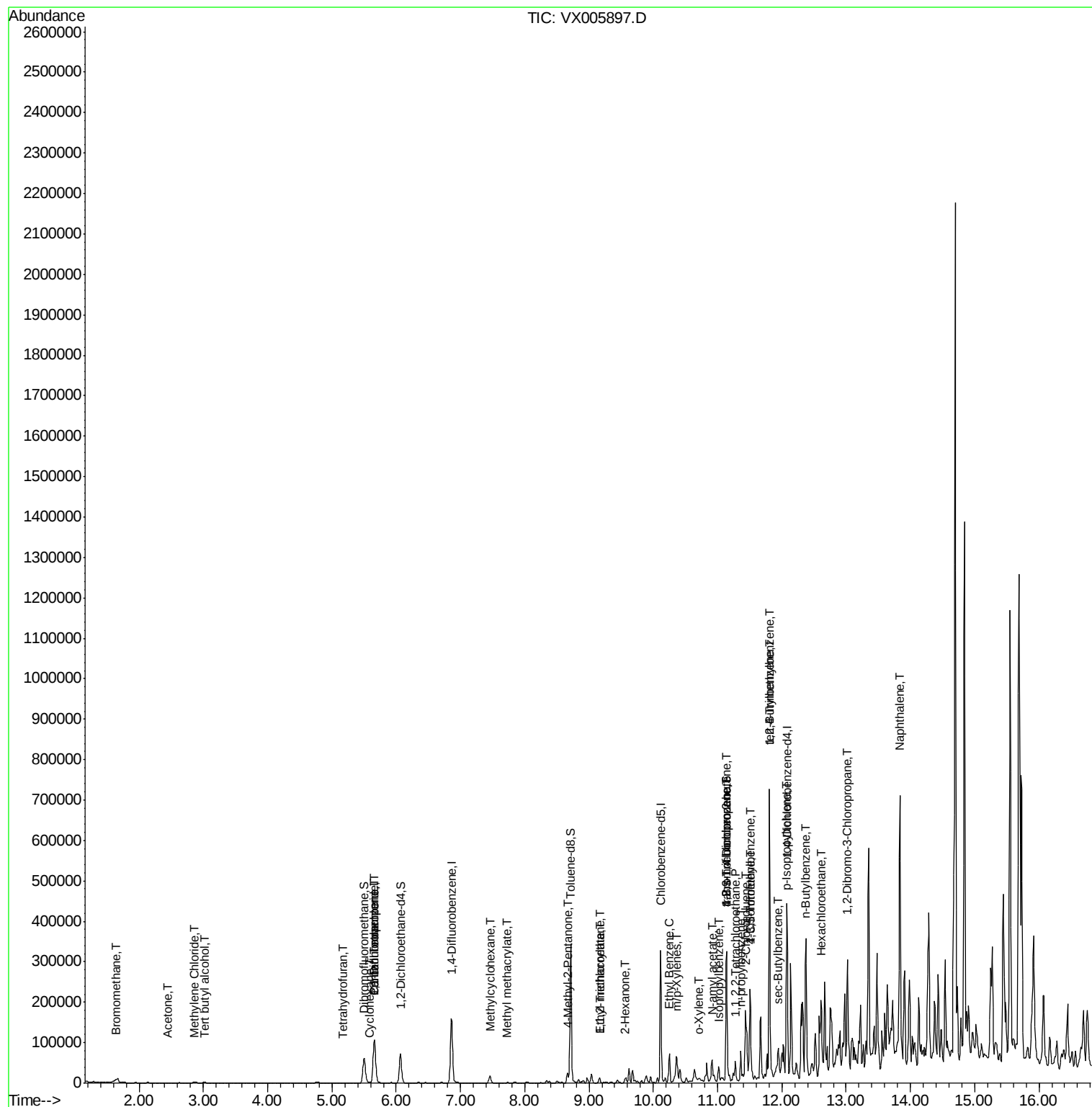
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	406488	65.794	ug/l	99

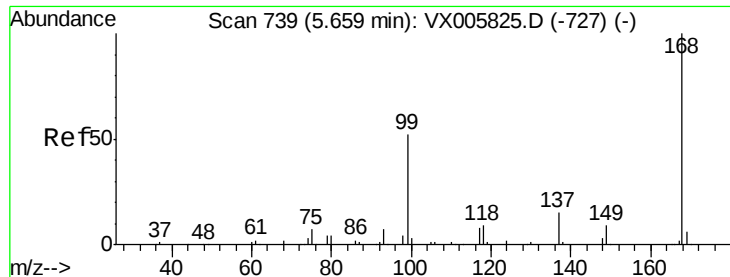
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX111218\
Data File : VX005897.D
Acq On : 12 Nov 2018 13:48
Operator : JC/MD
Sample : J5889-11DL 10X
Misc : 12.72g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BOTTOM-BDL

Quant Time: Nov 13 04:40:02 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: VX005897.D

Acq: 12 Nov 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

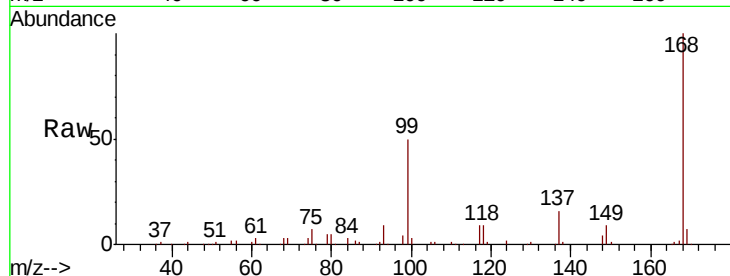
BOTTOM-BDL

Tot Ion:168 Resp: 109561

Ion Ratio Lower Upper

168 100

99 50.3 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

40000

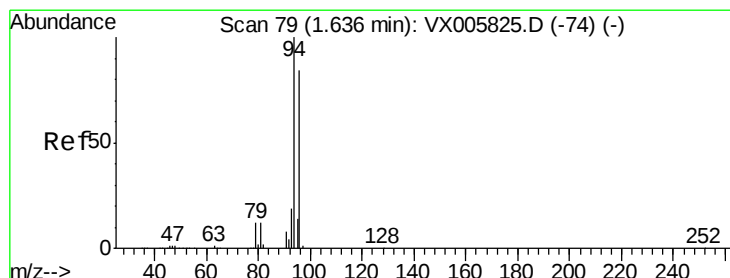
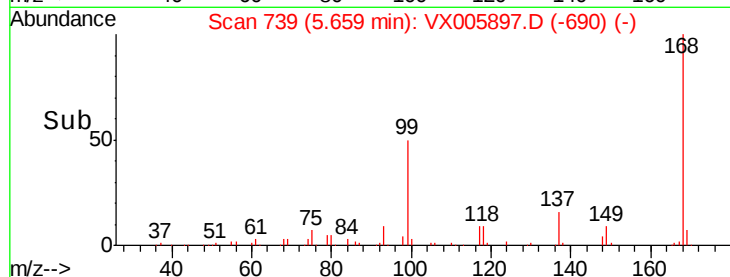
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.285 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005897.D

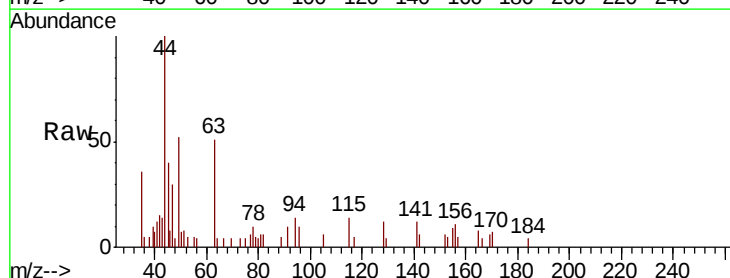
Acq: 12 Nov 2018 13:48

Tgt Ion: 94 Resp: 227

Ion Ratio Lower Upper

94 100

96 73.3 75.2 112.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

200

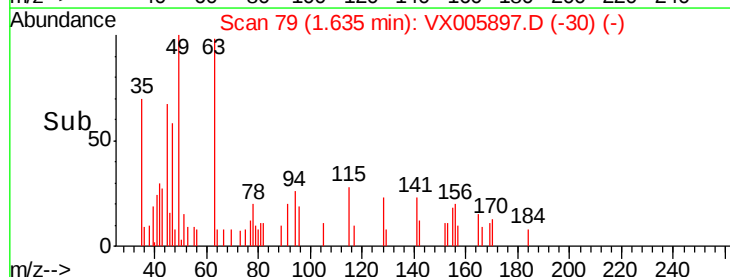
150

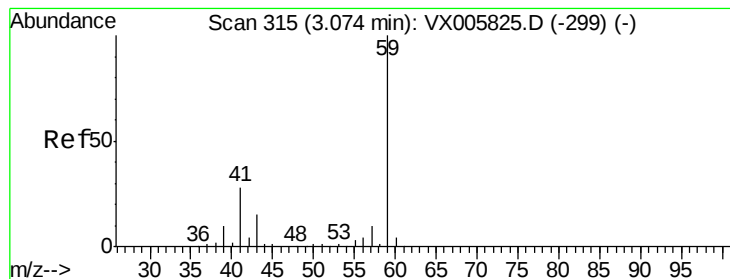
100

50

0

Time--> 1.62 1.64 1.66



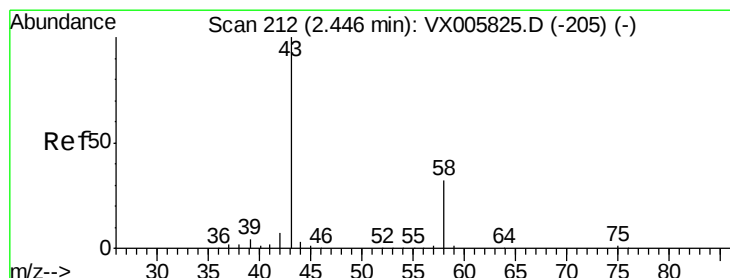
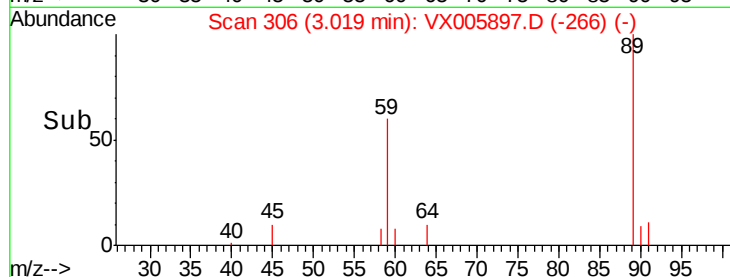
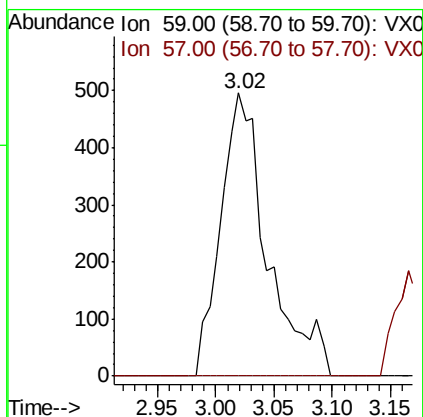
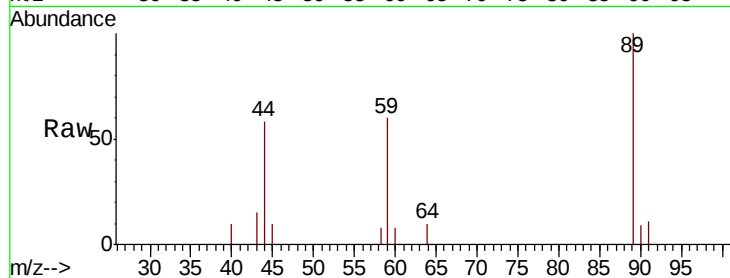


#11

Tert butyl alcohol
 Concen: 3.836 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.05 min
 Lab File: VX005897.D
 Acq: 12 Nov 2018 13:48

Instrument :
 MSVOA_X
 ClientSampleId :
 BOTTOM-BDL

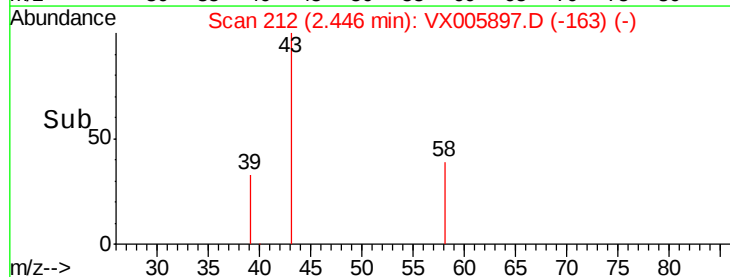
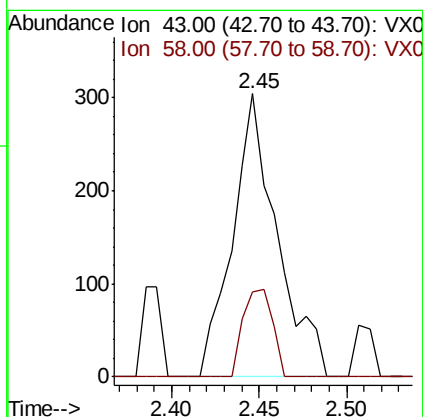
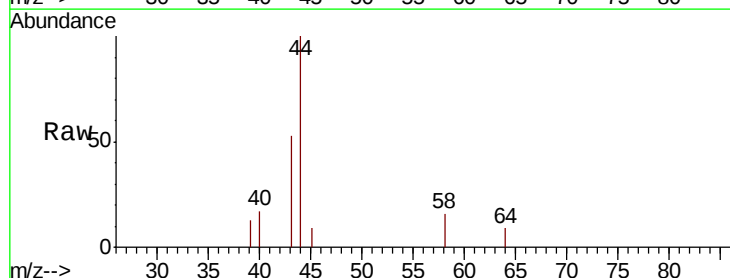
Tot Ion: 59 Resp: 1384
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

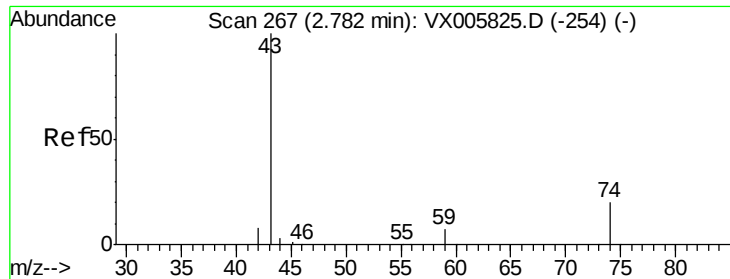


#16

Acetone
 Concen: 0.796 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX005897.D
 Acq: 12 Nov 2018 13:48

Tgt Ion: 43 Resp: 540
 Ion Ratio Lower Upper
 43 100
 58 30.3 23.8 35.6

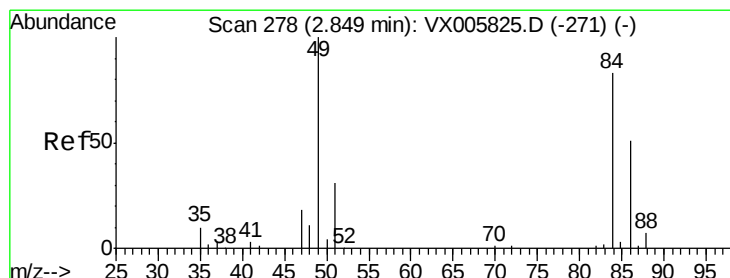
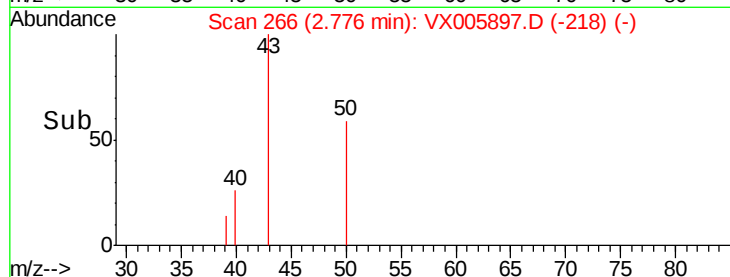
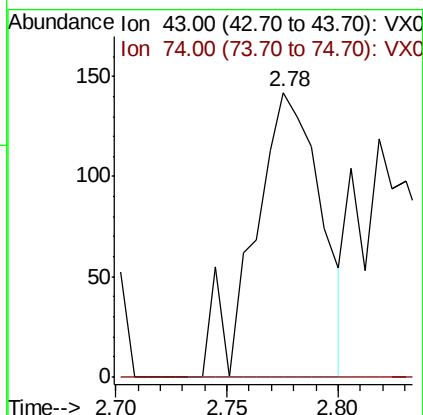
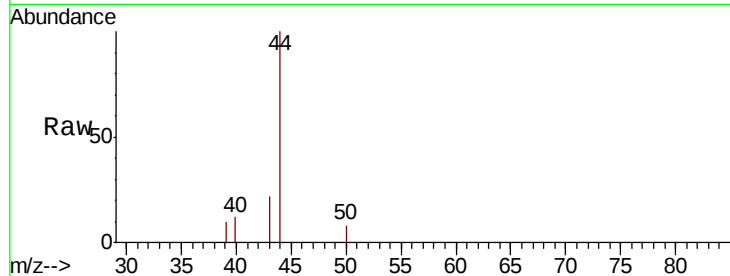




#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005897.D
Acq: 12 Nov 2018 13:48

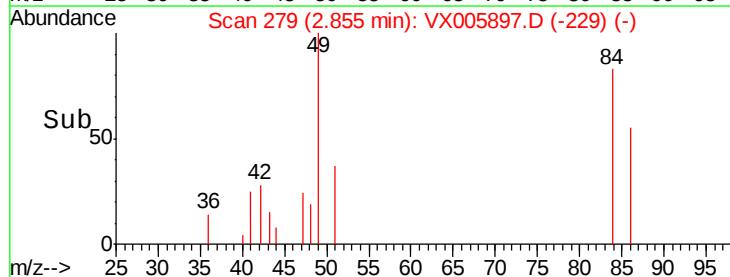
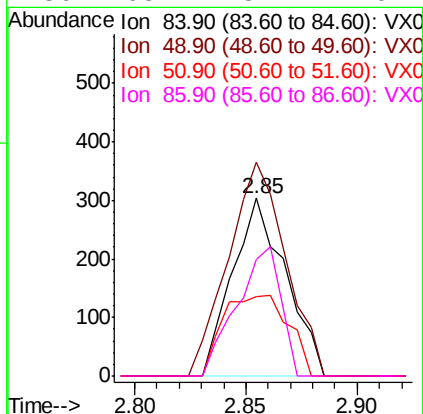
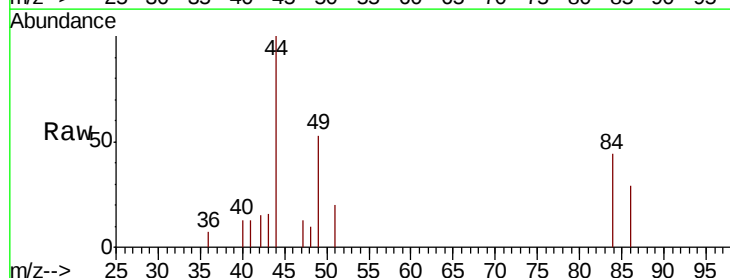
Instrument :
MSVOA_X
ClientSampleId :
BOTTOM-BDL

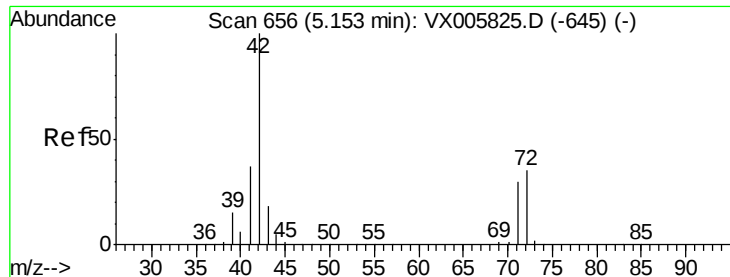
Tot Ion: 43 Resp: 297
Ion Ratio Lower Upper
43 100
74 0.0 16.8 25.2#



#20
Methylene Chloride
Concen: 0.452 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX005897.D
Acq: 12 Nov 2018 13:48

Tgt Ion: 84 Resp: 504
Ion Ratio Lower Upper
84 100
49 120.5 109.5 164.3
51 44.6 33.3 49.9
86 65.7 52.7 79.1





#29

Tetrahydrofuran

Concen: 0.304 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX005897.D

Acq: 12 Nov 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

BOTTOM-BDL

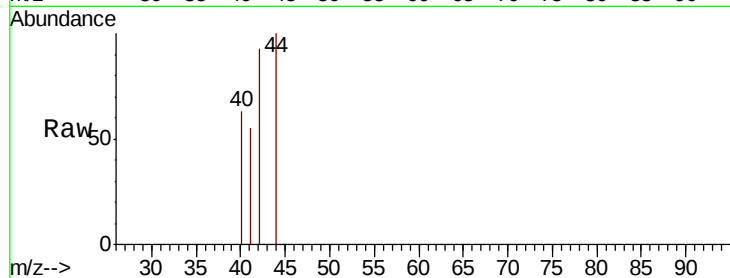
Tot Ion: 42 Resp: 208

Ion Ratio Lower Upper

42 100

72 0.0 32.0 48.0#

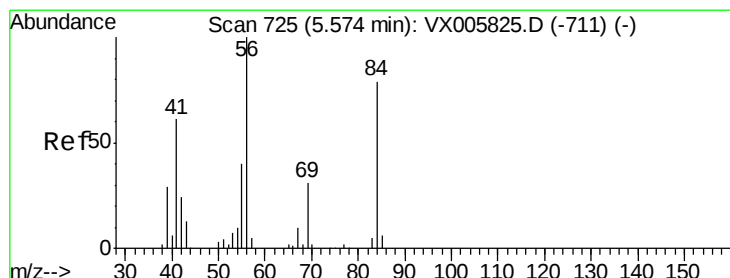
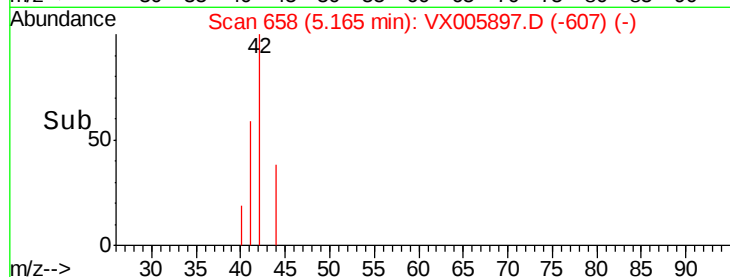
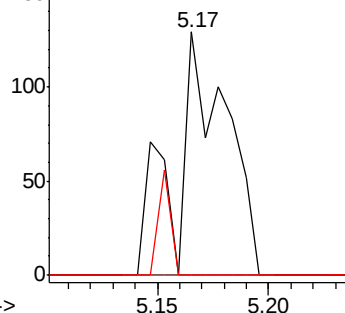
71 9.6 29.8 44.8#



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: 0.468 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX005897.D

Acq: 12 Nov 2018 13:48

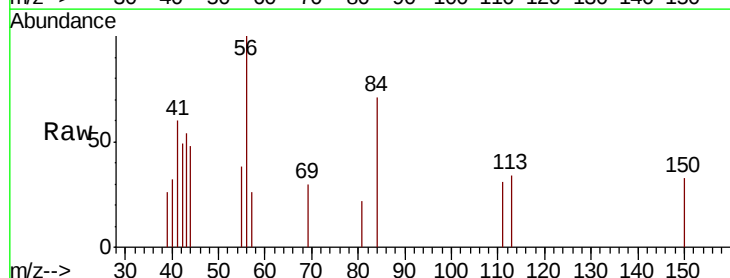
Tgt Ion: 56 Resp: 822

Ion Ratio Lower Upper

56 100

69 30.2 22.6 34.0

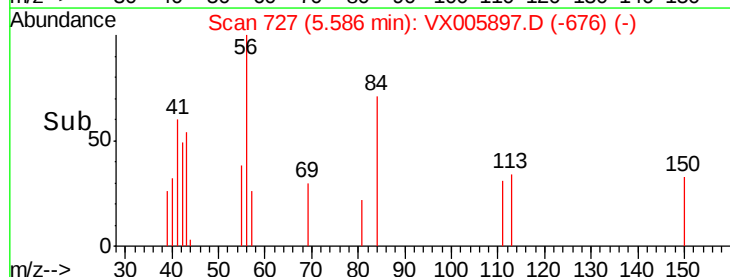
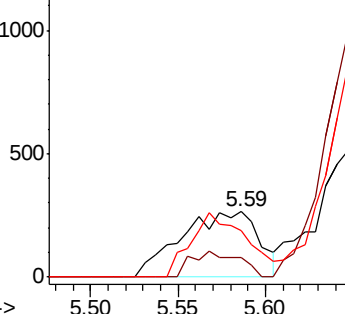
84 71.3 62.7 94.1

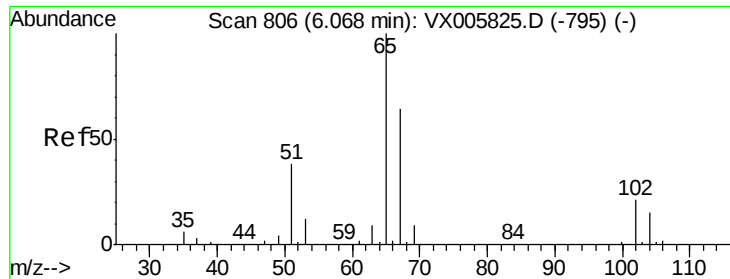


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

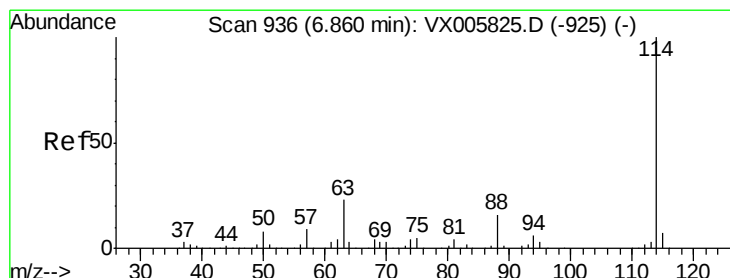
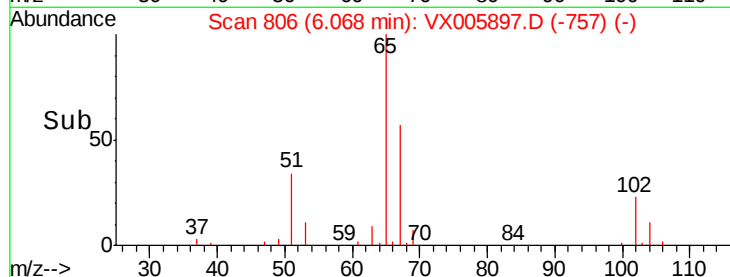
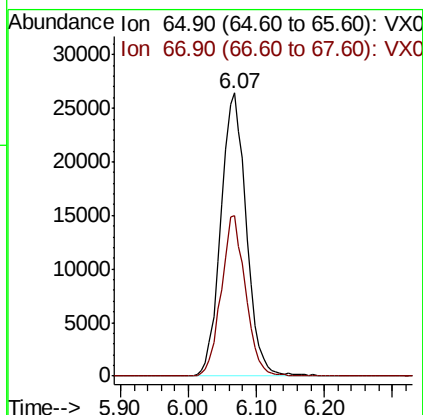
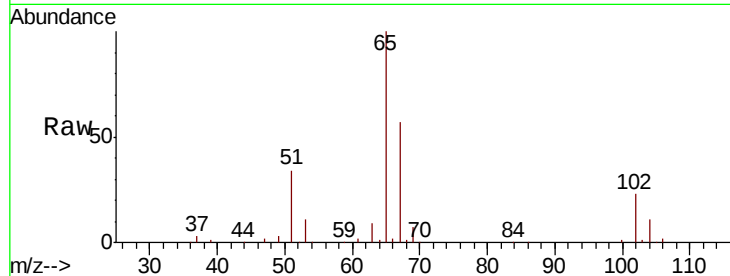




#33
 1,2-Dichloroethane-d4
 Concen: 54.483 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005897.D
 Acq: 12 Nov 2018 13:48

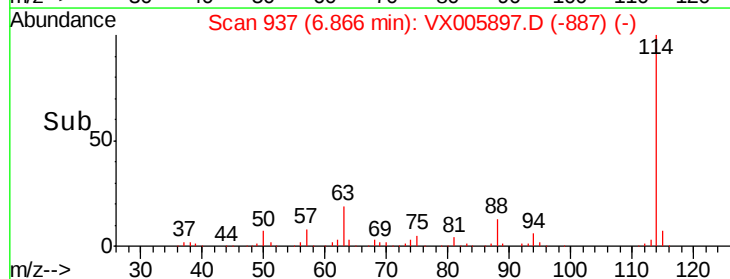
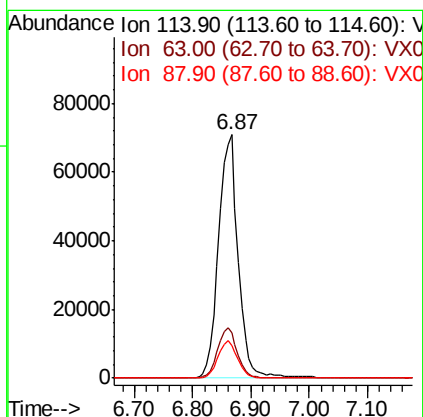
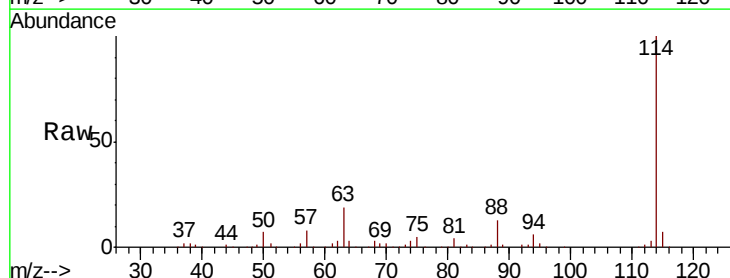
Instrument :
 MSVOA_X
 ClientSampleId :
 BOTTOM-BDL

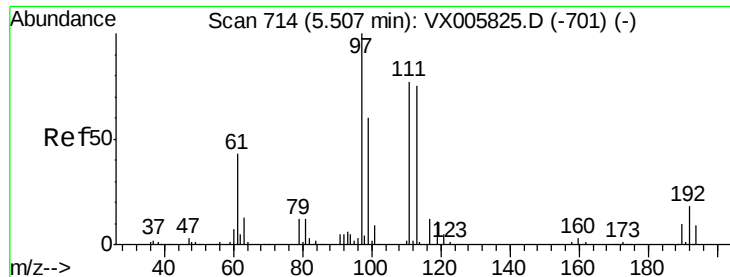
Tot Ion: 65 Resp: 68624
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005897.D
 Acq: 12 Nov 2018 13:48

Tgt Ion: 114 Resp: 166371
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 42.8
 88 13.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 47.188 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX005897.D

Acq: 12 Nov 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

BOTTOM-BDL

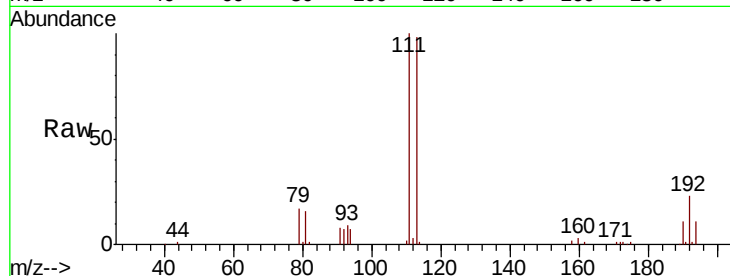
Tot Ion:113 Resp: 53397

Ion Ratio Lower Upper

113 100

111 101.7 82.3 123.5

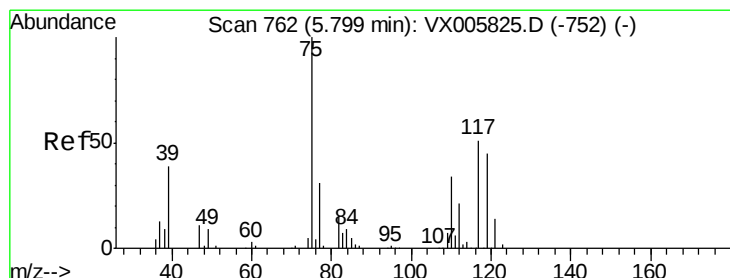
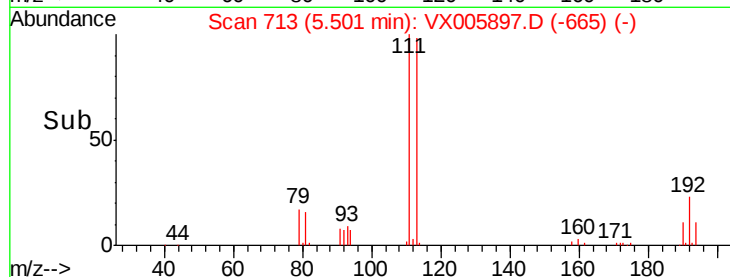
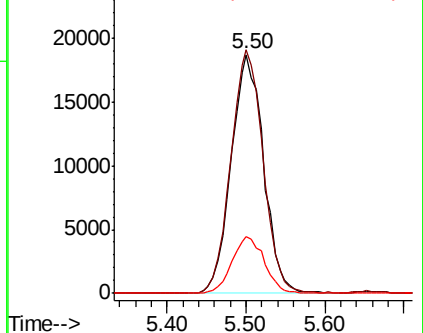
192 23.6 17.9 26.9



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: 4.835 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX005897.D

Acq: 12 Nov 2018 13:48

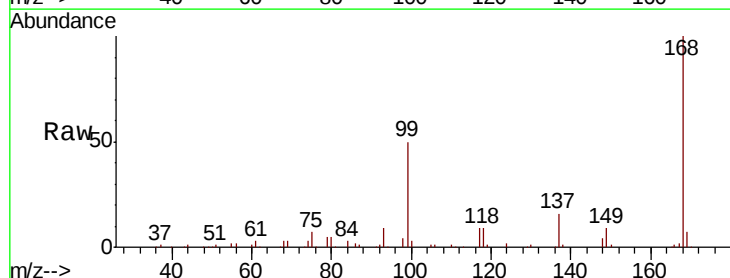
Tgt Ion: 75 Resp: 7755

Ion Ratio Lower Upper

75 100

110 8.8 17.4 52.2#

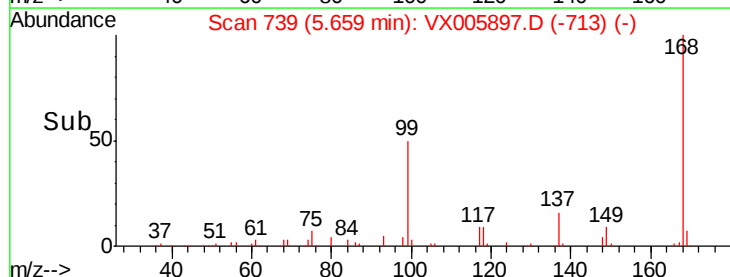
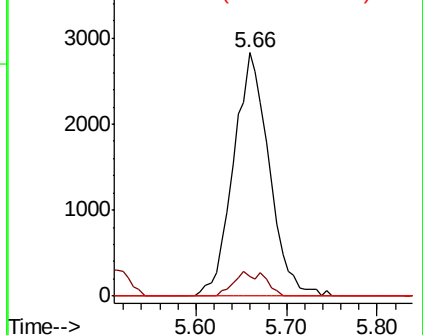
77 0.0 25.8 38.6#

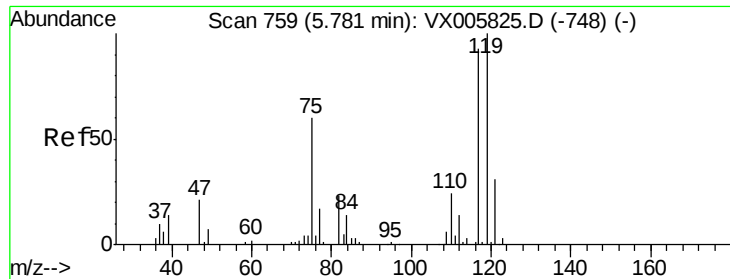


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.330 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX005897.D

Acq: 12 Nov 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

BOTTOM-BDL

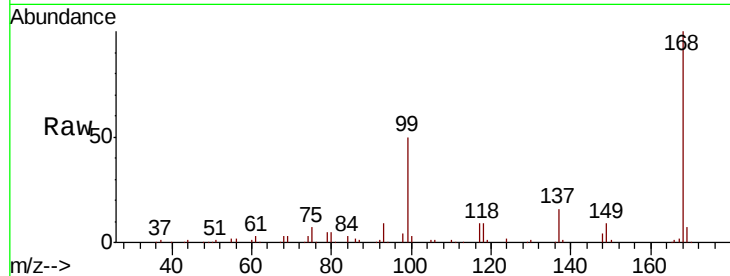
Tot Ion:117 Resp: 10164

Ion Ratio Lower Upper

117 100

119 5.9 78.1 117.1#

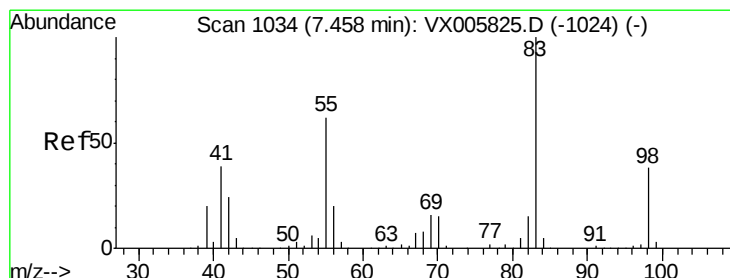
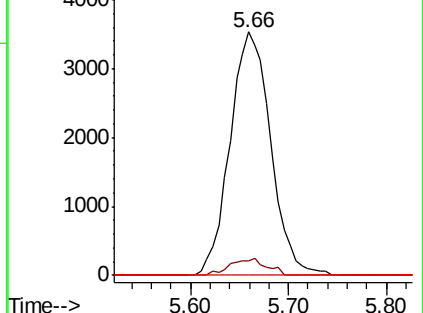
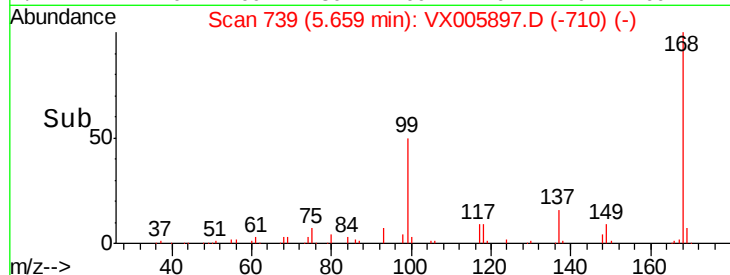
121 0.0 24.6 36.8#



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: 4.498 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX005897.D

Acq: 12 Nov 2018 13:48

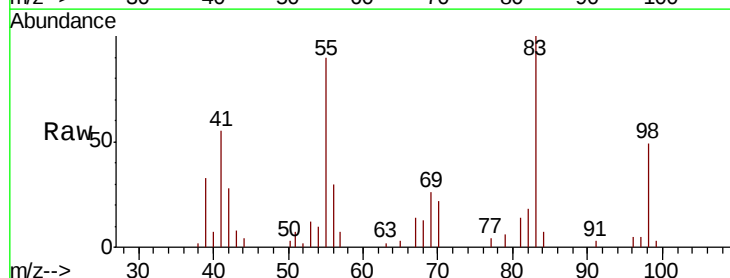
Tgt Ion: 83 Resp: 7311

Ion Ratio Lower Upper

83 100

55 90.1 63.7 95.5

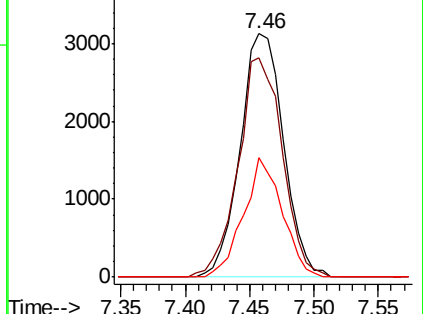
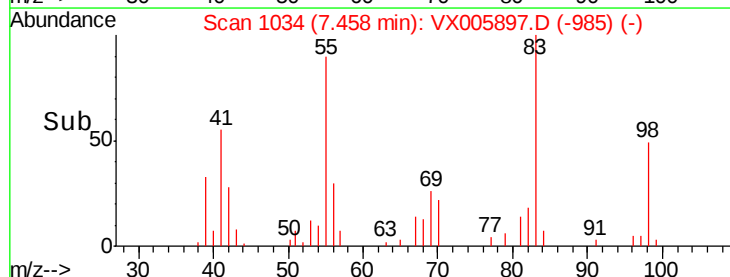
98 48.9 36.2 54.2

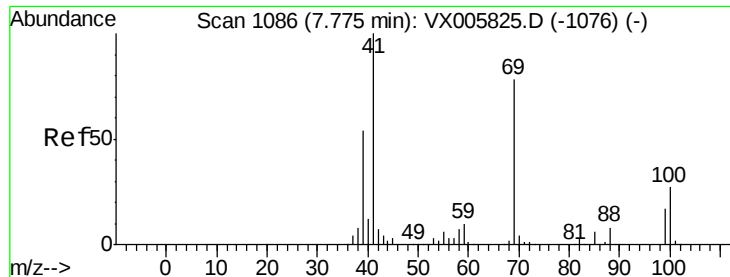


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

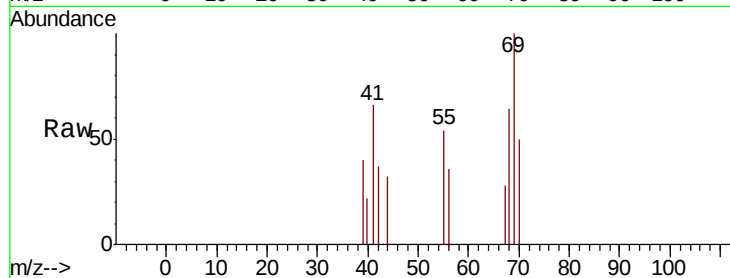




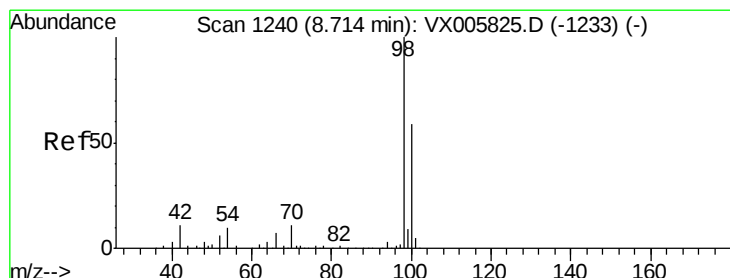
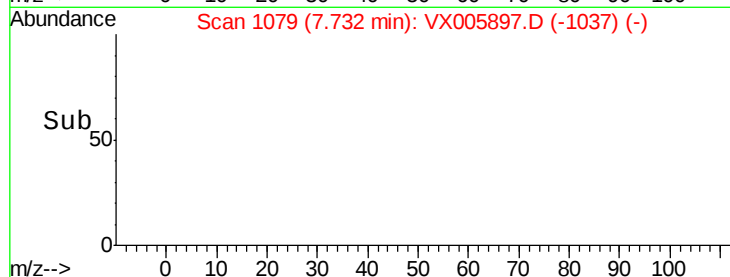
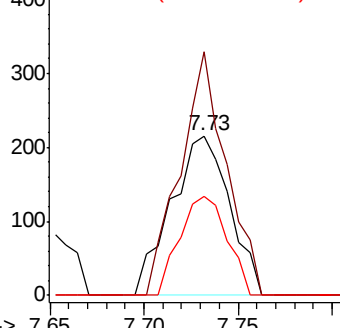
#48
Methvl methacrvlate
Concen: 0.337 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.04 min
Lab File: VX005897.D
Acq: 12 Nov 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
BOTTOM-BDL

Tot Ion: 41 Resp: 462
Ion Ratio Lower Upper
41 100
69 120.8 63.2 94.8#
39 50.2 42.2 63.2

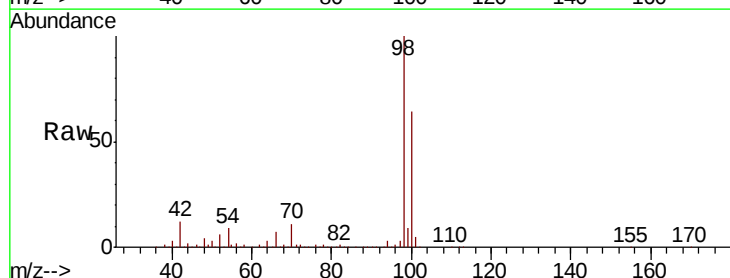


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

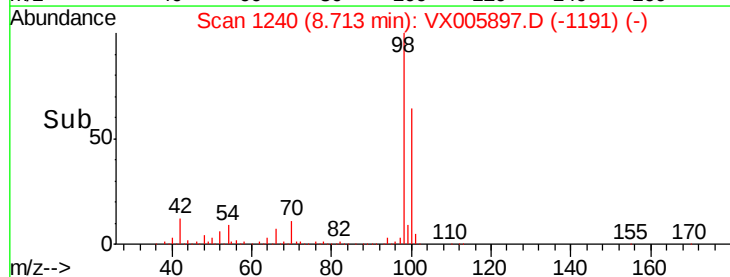
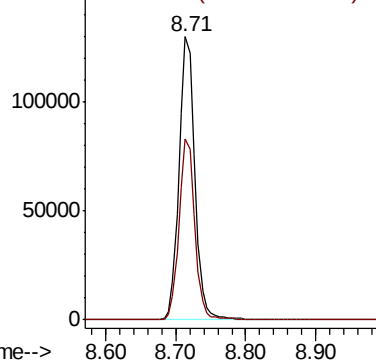


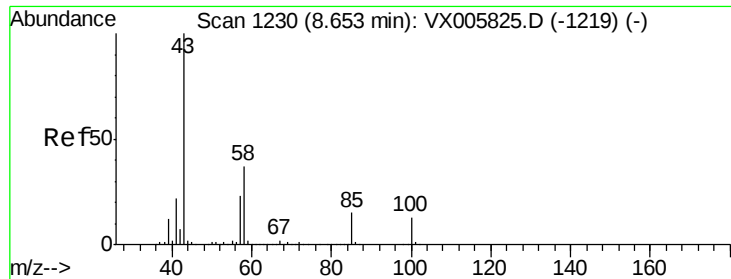
#50
Toluene-d8
Concen: 54.553 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005897.D
Acq: 12 Nov 2018 13:48

Tgt Ion: 98 Resp: 205228
Ion Ratio Lower Upper
98 100
100 63.8 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 0.461 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VX005897.D

Acq: 12 Nov 2018 13:48

Instrument :

MSVOA_X

ClientSampled :

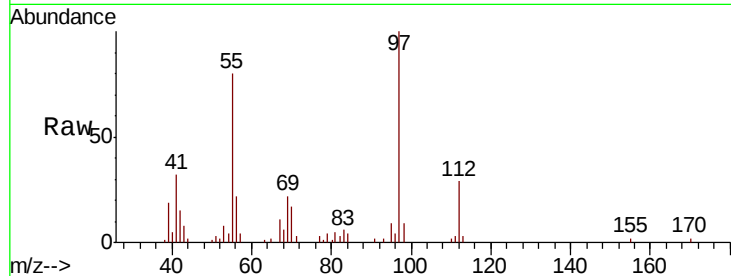
BOTTOM-BDL

Tot Ion: 43 Resp: 888

Ion Ratio Lower Upper

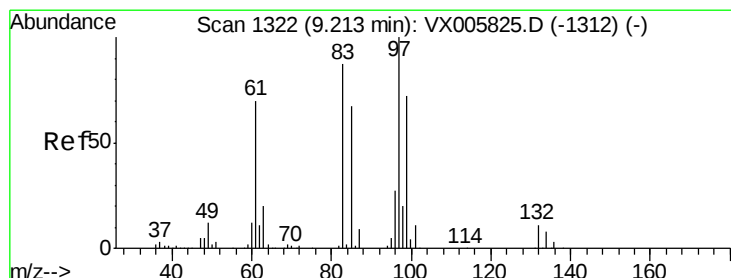
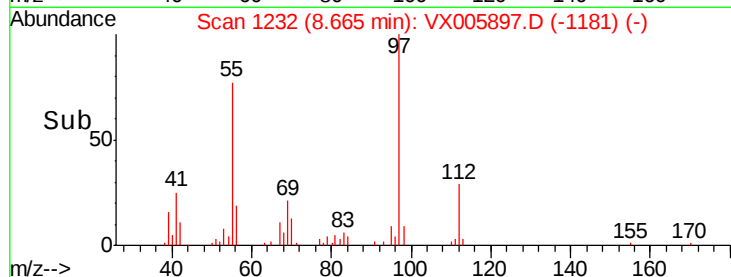
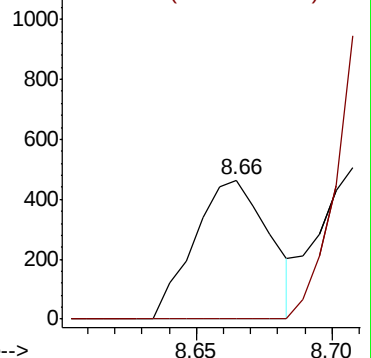
43 100

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: 3.314 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX005897.D

Acq: 12 Nov 2018 13:48

Tgt Ion: 97 Resp: 3859

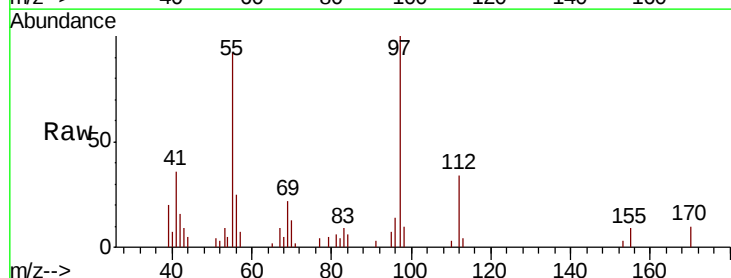
Ion Ratio Lower Upper

97 100

83 8.6 70.7 106.1#

85 0.0 45.8 68.6#

99 0.0 51.8 77.8#

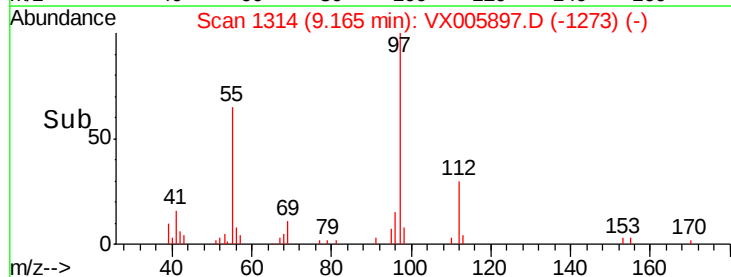
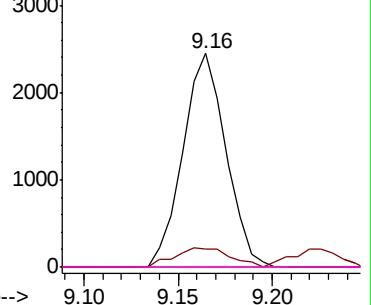


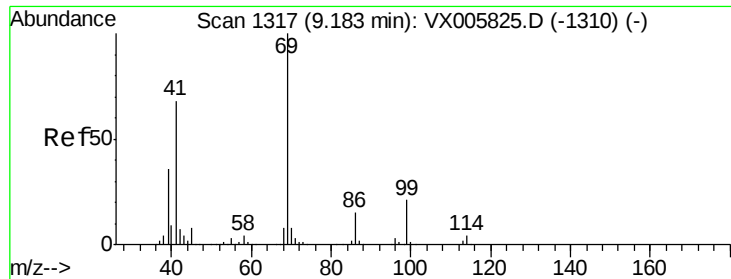
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#56

Ethyl methacrylate

Concen: 0.547 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.02 min

Lab File: VX005897.D

Acq: 12 Nov 2018 13:48

Instrument :

MSVOA_X

ClientSampled :

BOTTOM-BDL

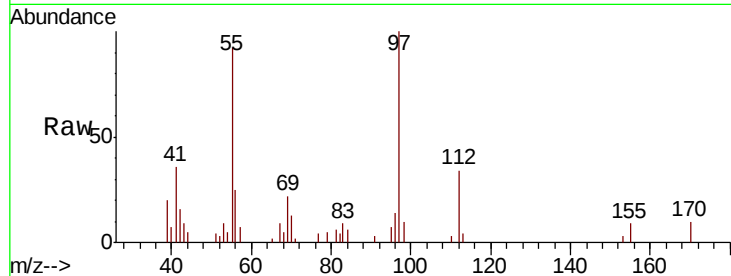
Tot Ion: 69 Resp: 954

Ion Ratio Lower Upper

69 100

41 179.0 57.0 85.6#

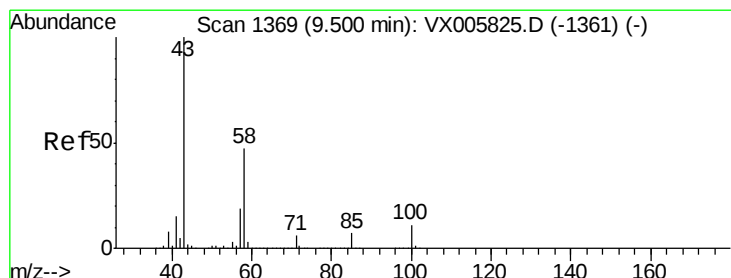
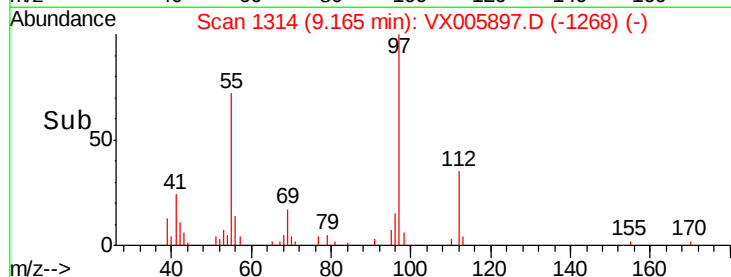
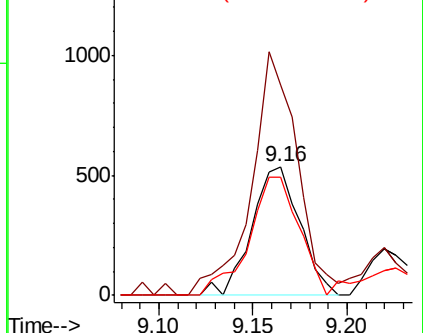
39 95.3 28.3 42.5#



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



#59

2-Hexanone

Concen: 0.784 ug/l

RT: 9.55 min Scan# 1378

Delta R.T. 0.05 min

Lab File: VX005897.D

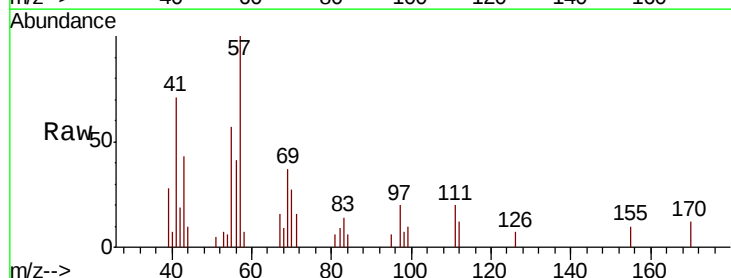
Acq: 12 Nov 2018 13:48

Tgt Ion: 43 Resp: 1331

Ion Ratio Lower Upper

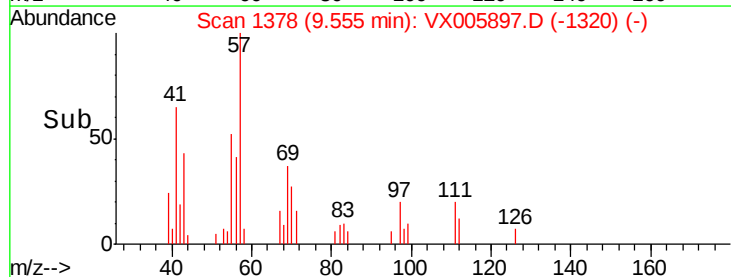
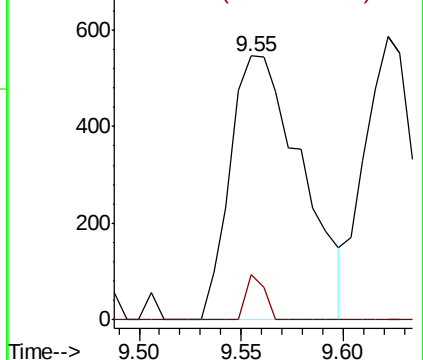
43 100

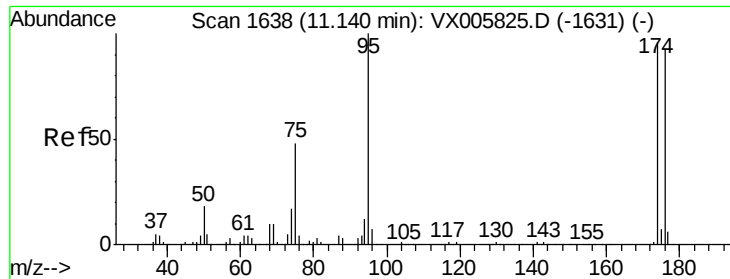
58 4.4 25.9 77.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 57.738 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005897.D

Acq: 12 Nov 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

BOTTOM-BDL

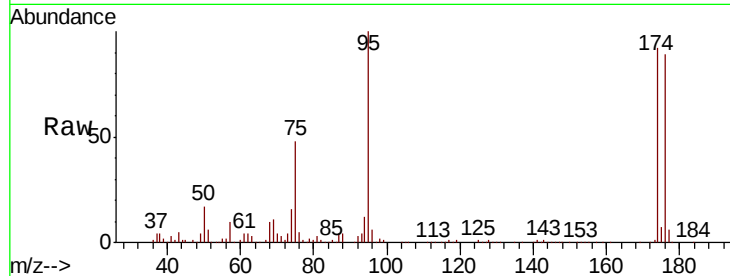
Tot Ion: 95 Resp: 78095

Ion Ratio Lower Upper

95 100

174 90.1 0.0 184.4

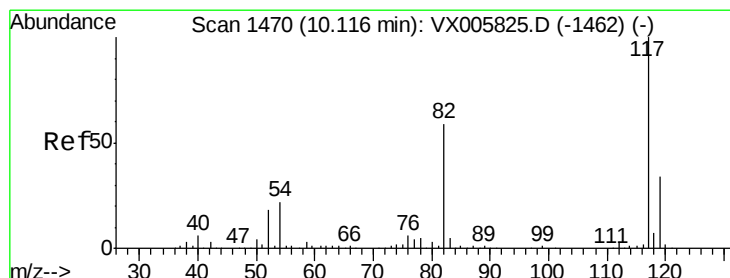
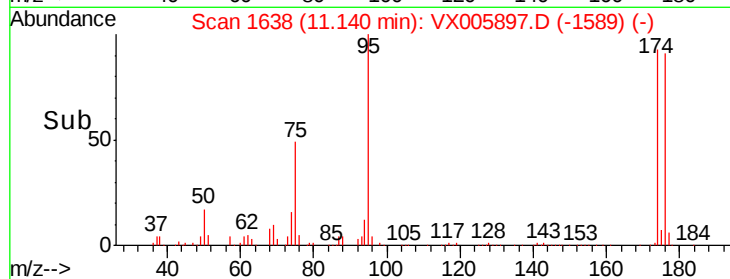
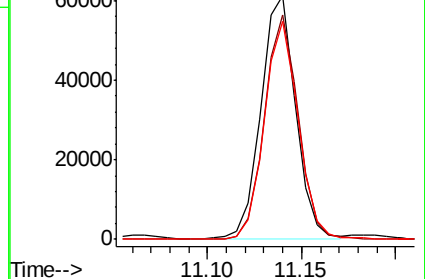
176 87.7 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX005825.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX005825.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX005825.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005897.D

Acq: 12 Nov 2018 13:48

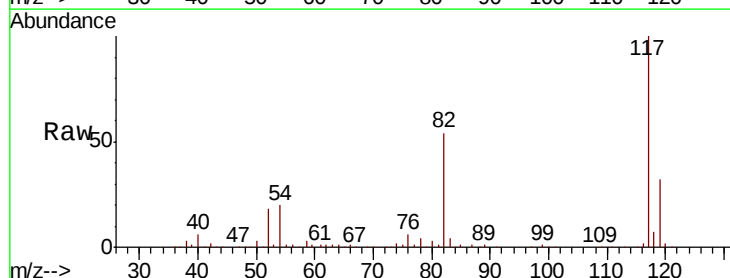
Tgt Ion: 117 Resp: 156983

Ion Ratio Lower Upper

117 100

82 54.0 44.1 66.1

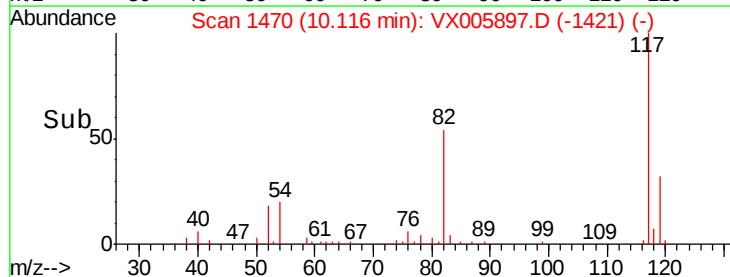
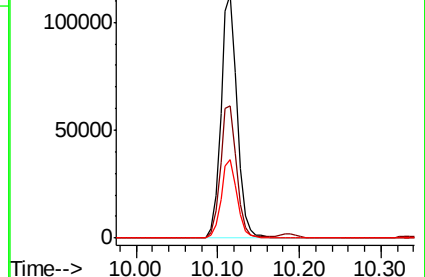
119 32.4 26.2 39.2

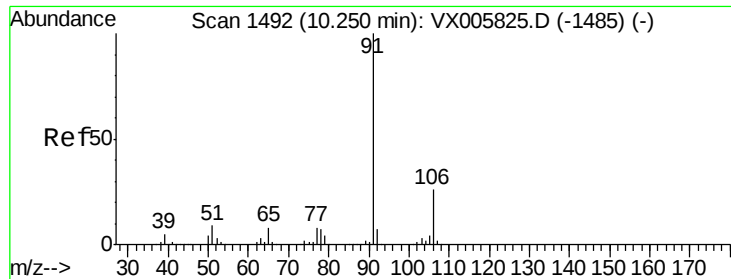


Abundance Ion 116.90 (116.60 to 117.60): VX005825.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX005825.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX005825.D (-1462) (-)

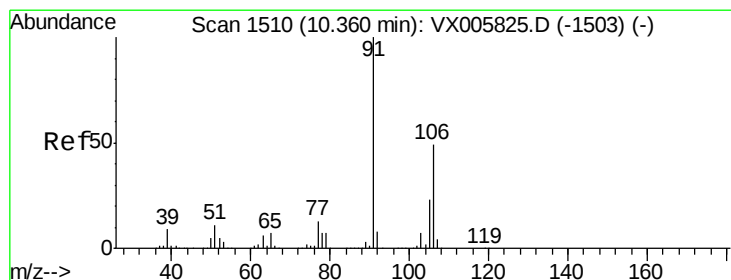
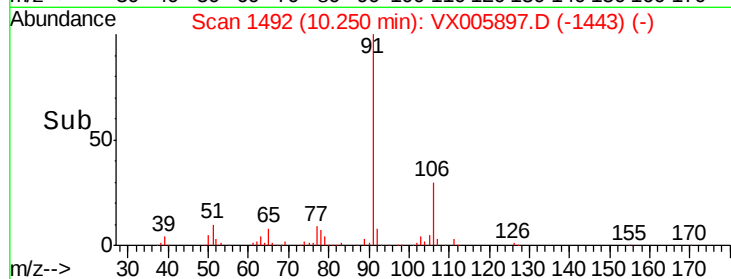
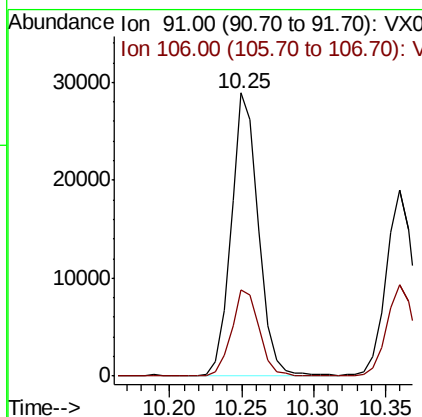
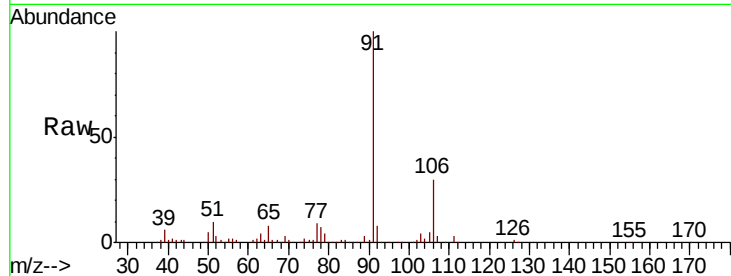




#67
Ethyl Benzene
Concen: 7.623 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX005897.D
Acq: 12 Nov 2018 13:48

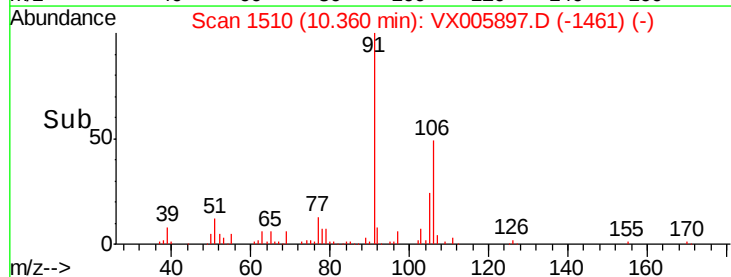
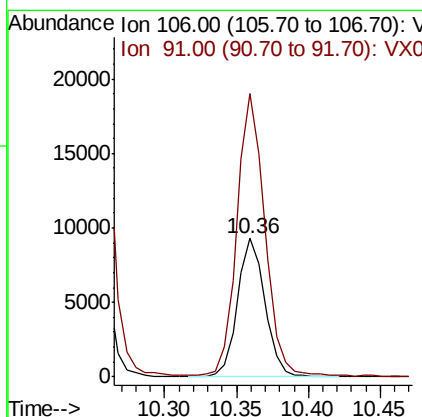
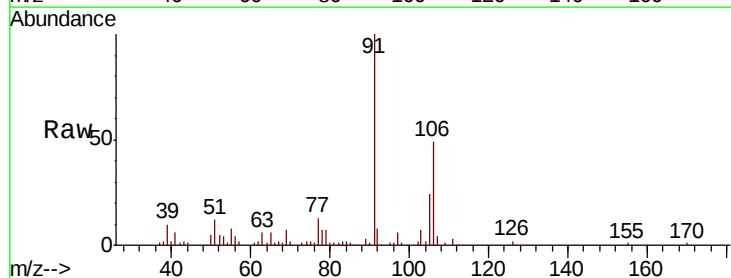
Instrument :
MSVOA_X
ClientSampleId :
BOTTOM-BDL

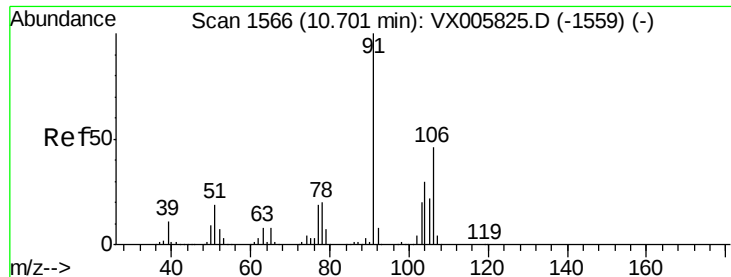
Tot Ion: 91 Resp: 38442
Ion Ratio Lower Upper
91 100
106 30.3 24.4 36.6



#68
m/p-Xylenes
Concen: 6.436 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005897.D
Acq: 12 Nov 2018 13:48

Tgt Ion: 106 Resp: 12379
Ion Ratio Lower Upper
106 100
91 209.9 164.2 246.4

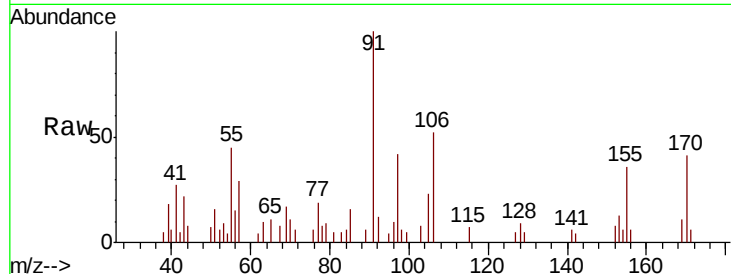




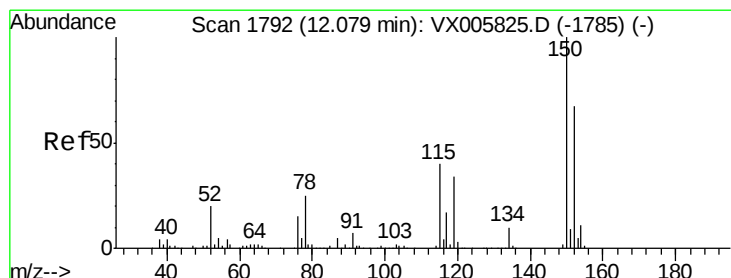
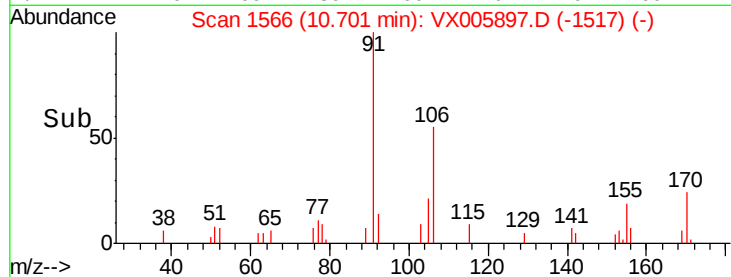
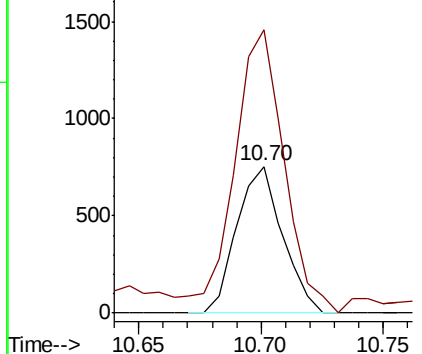
#69
o-Xylene
Concen: 0.569 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005897.D
Acq: 12 Nov 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
BOTTOM-BDL

Tot Ion:106 Resp: 981
Ion Ratio Lower Upper
106 100
91 211.1 108.5 325.5

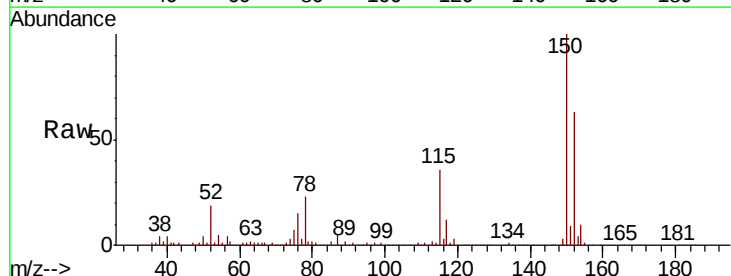


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

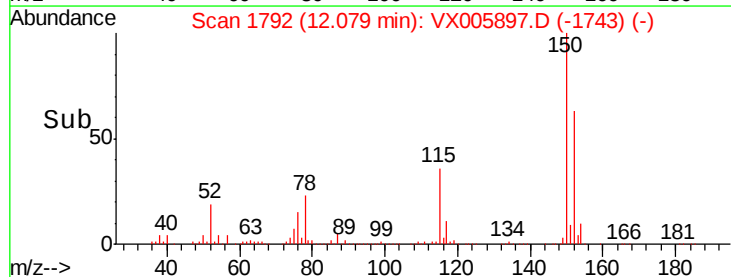
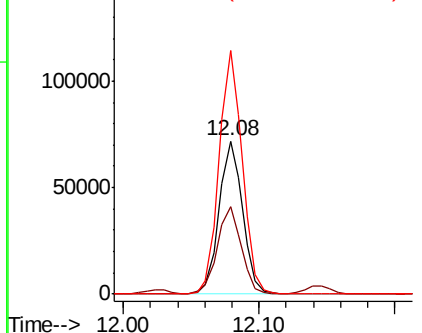


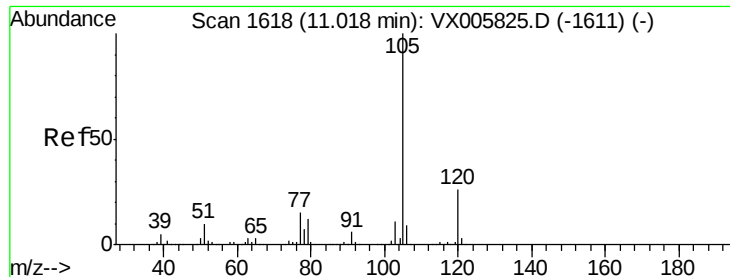
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005897.D
Acq: 12 Nov 2018 13:48

Tgt Ion:152 Resp: 85381
Ion Ratio Lower Upper
152 100
115 58.5 39.4 118.1
150 157.7 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: 3.519 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005897.D

Acq: 12 Nov 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

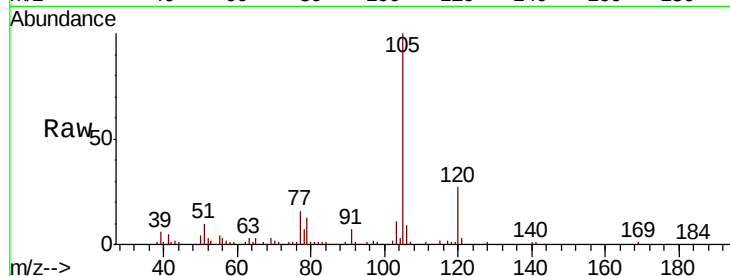
BOTTOM-BDL

Tot Ion:105 Resp: 17374

Ion Ratio Lower Upper

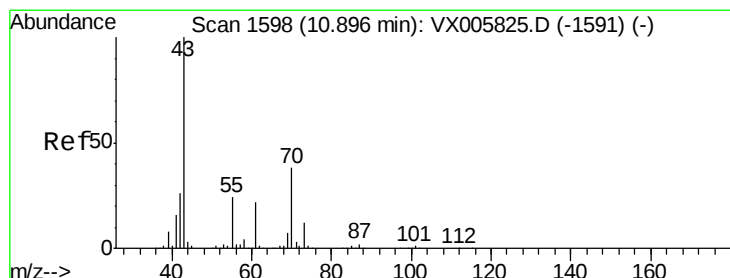
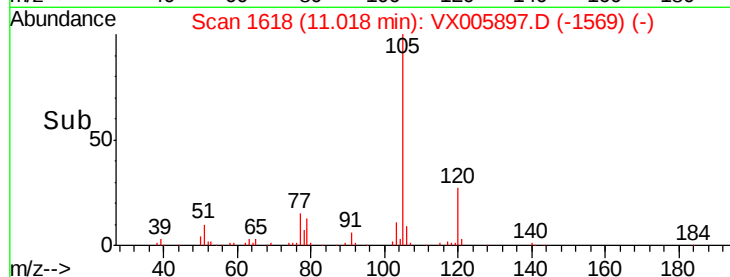
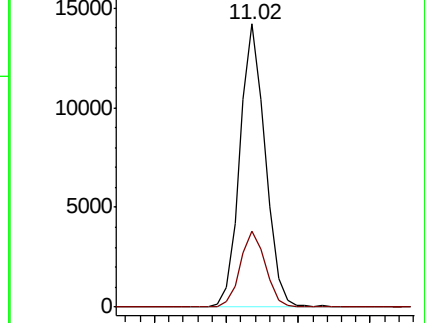
105 100

120 26.6 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-ethyl acetate

Concen: 2.690 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX005897.D

Acq: 12 Nov 2018 13:48

Tgt Ion: 43 Resp: 4091

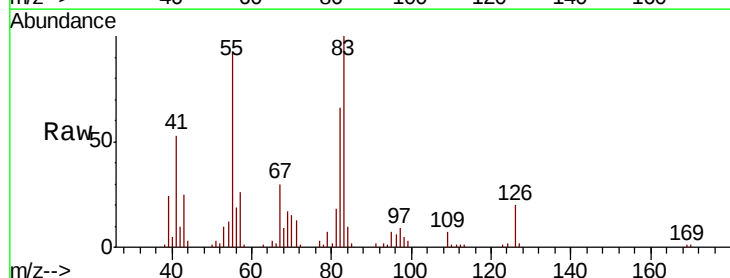
Ion Ratio Lower Upper

43 100

70 90.7 31.6 47.4#

55 334.1 19.7 29.5#

61 0.0 18.3 27.5#

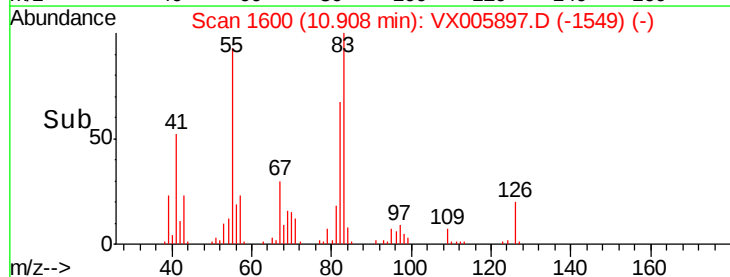
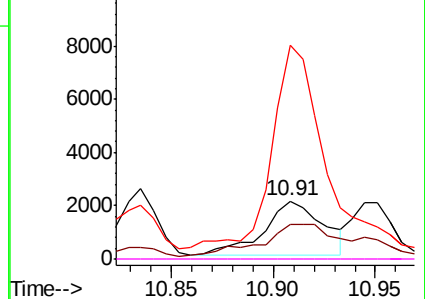


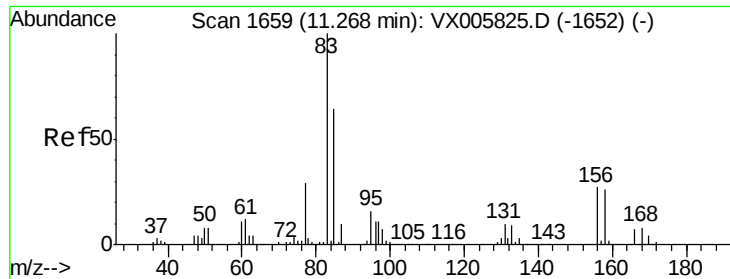
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 1.648 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX005897.D

Acq: 12 Nov 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

BOTTOM-BDL

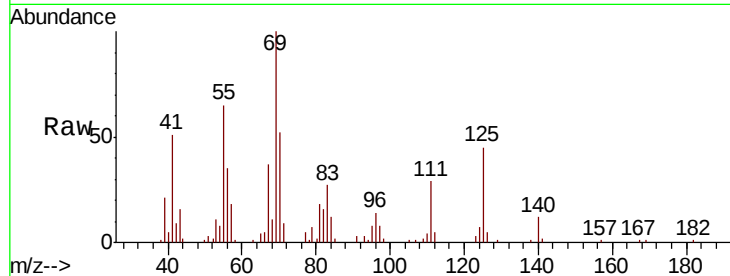
Tot Ion: 83 Resp: 2986

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

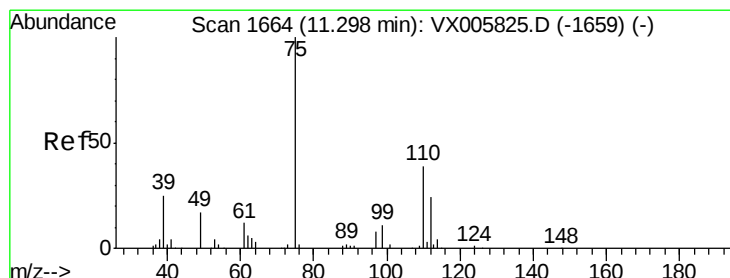
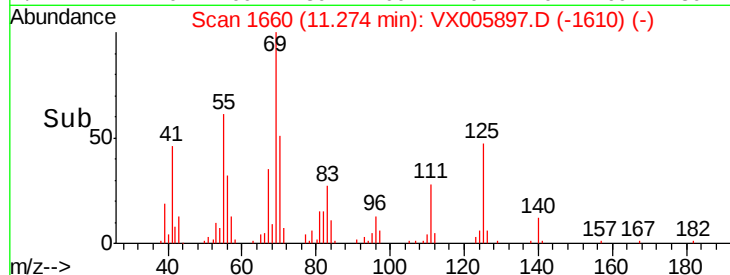
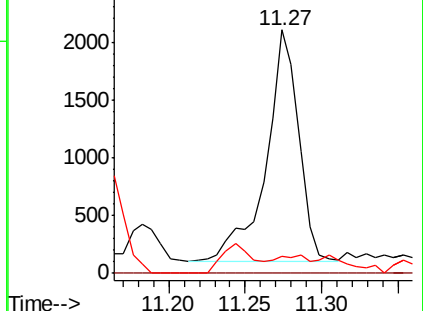
85 2.1 32.0 96.2#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.150 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005897.D

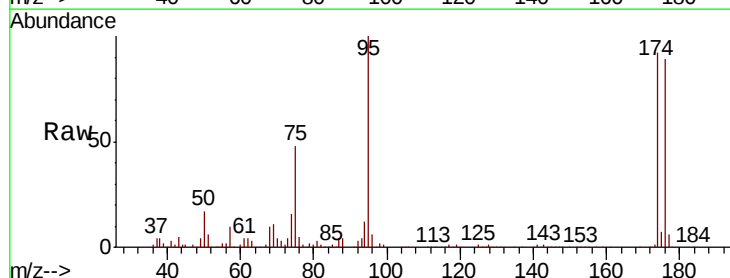
Acq: 12 Nov 2018 13:48

Tgt Ion: 75 Resp: 38508

Ion Ratio Lower Upper

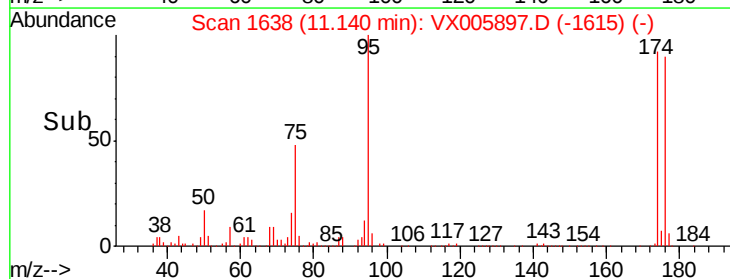
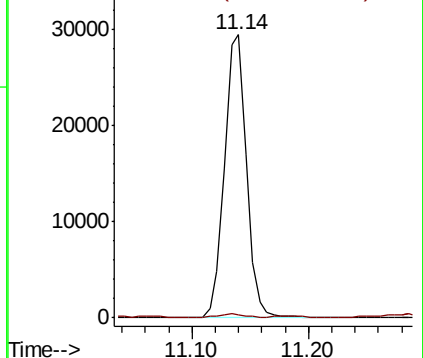
75 100

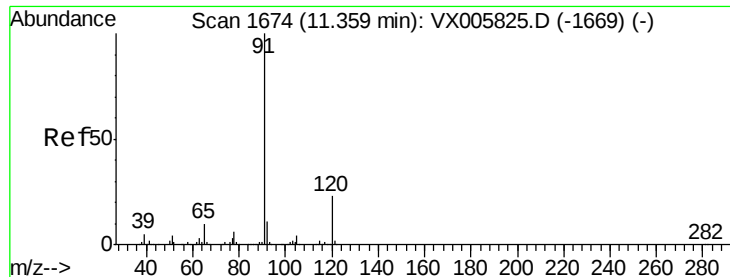
77 1.4 20.5 61.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 7.552 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005897.D

Acq: 12 Nov 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

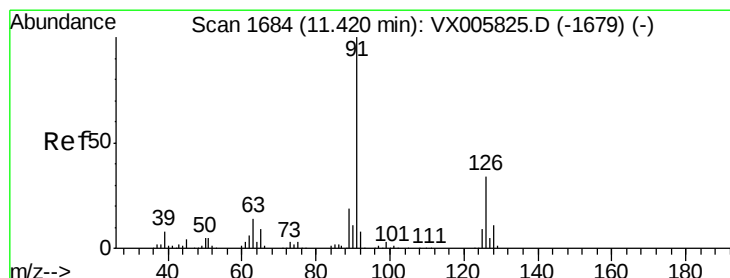
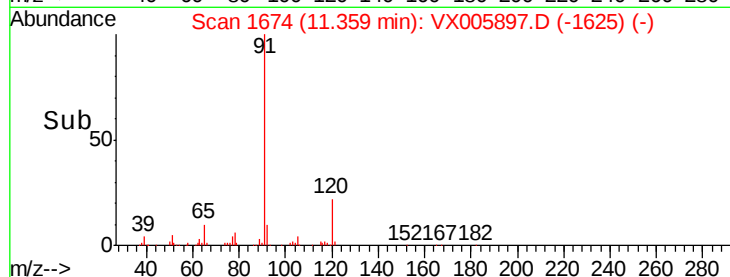
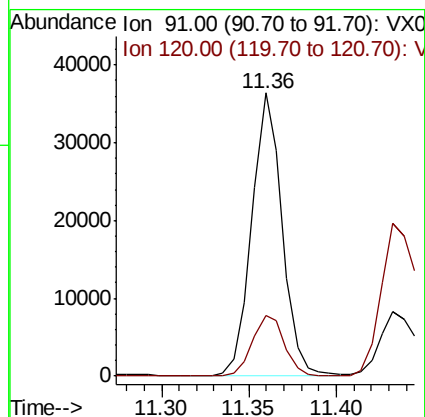
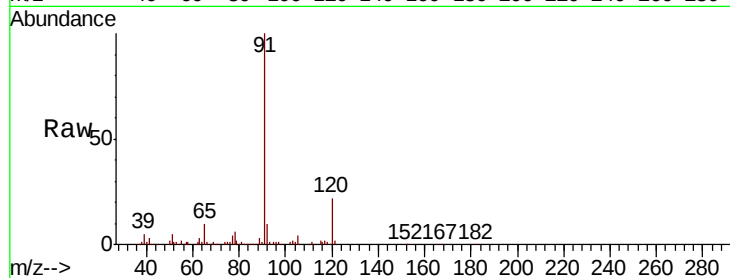
BOTTOM-BDL

Tot Ion: 91 Resp: 43947

Ion Ratio Lower Upper

91 100

120 22.7 11.9 35.5



#79

2-Chlorotoluene

Concen: 4.482 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX005897.D

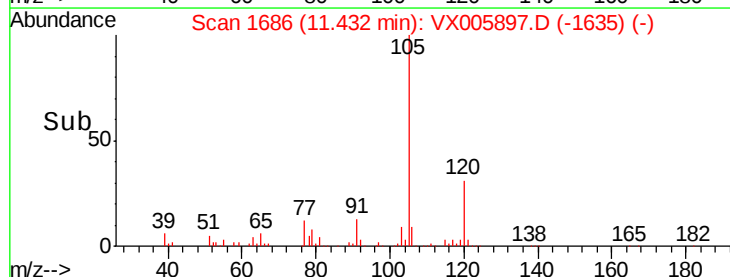
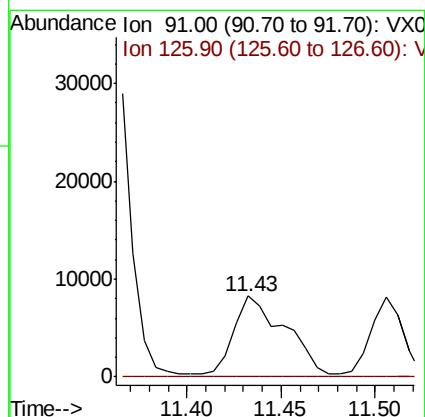
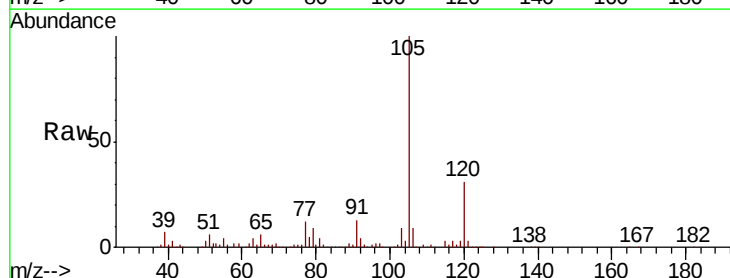
Acq: 12 Nov 2018 13:48

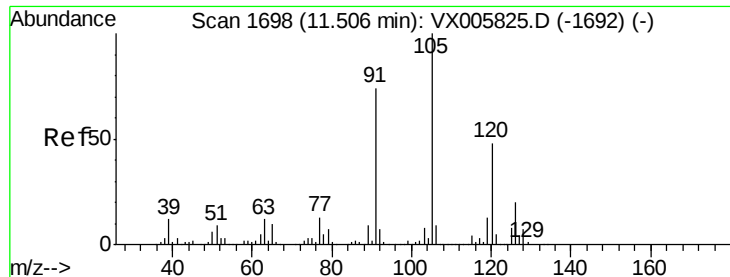
Tgt Ion: 91 Resp: 15764

Ion Ratio Lower Upper

91 100

126 0.1 17.3 52.0#

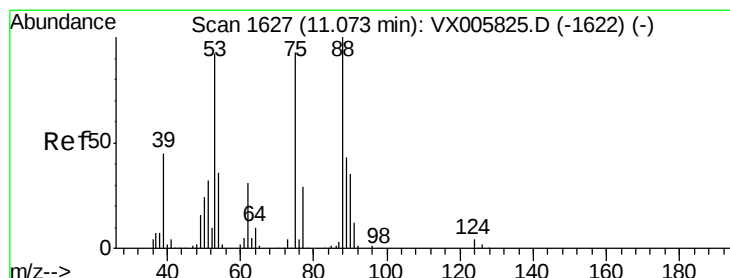
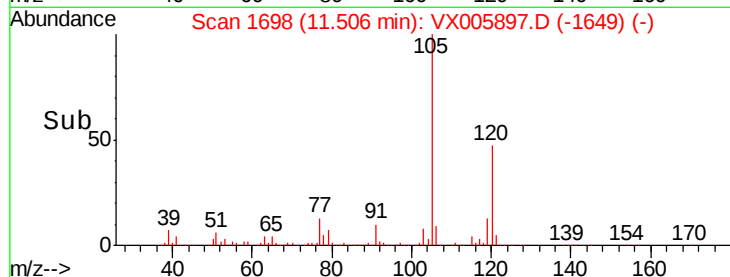
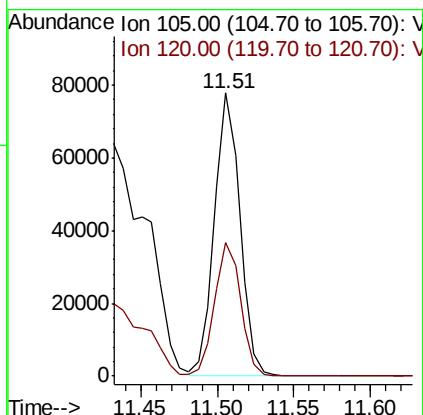
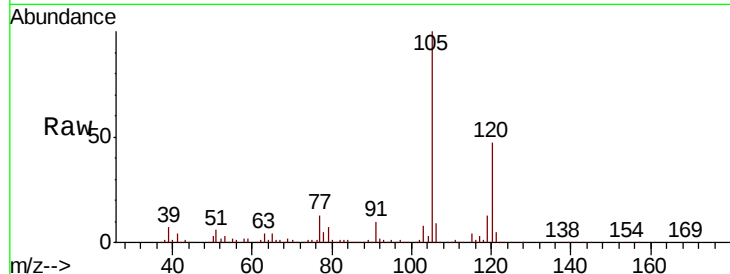




#80
 1,3,5-Trimethylbenzene
 Concen: 21.525 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005897.D
 Acq: 12 Nov 2018 13:48

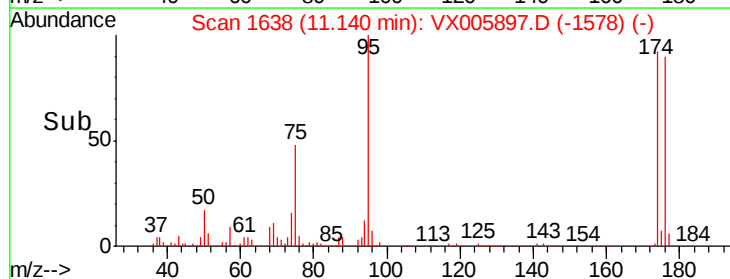
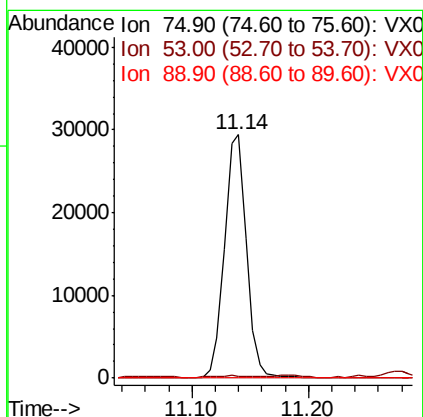
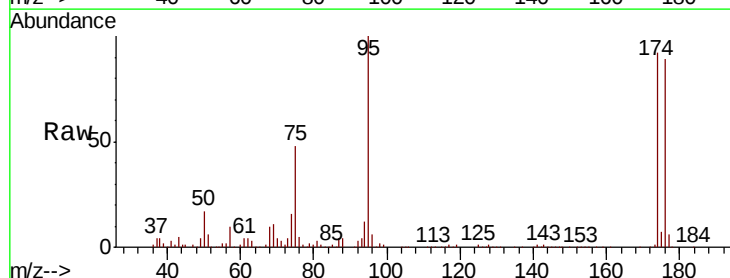
Instrument :
 MSVOA_X
 ClientSampleId :
 BOTTOM-BDL

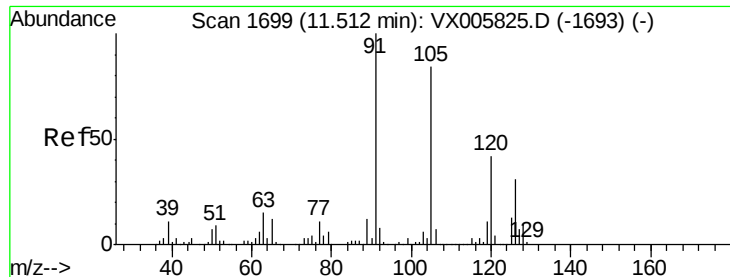
Tot Ion:105 Resp: 90314
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.1 72.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.594 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.07 min
 Lab File: VX005897.D
 Acq: 12 Nov 2018 13:48

Tgt Ion: 75 Resp: 38508
 Ion Ratio Lower Upper
 75 100
 53 0.9 80.2 120.2#
 89 0.0 39.8 59.8#





#82

4-Chlorotoluene

Concen: 2.341 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX005897.D

Acq: 12 Nov 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

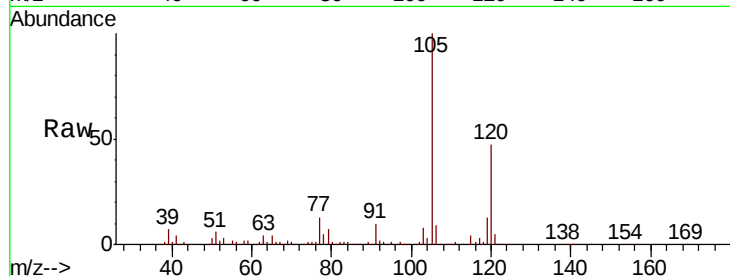
BOTTOM-BDL

Tot Ion: 91 Resp: 9705

Ion Ratio Lower Upper

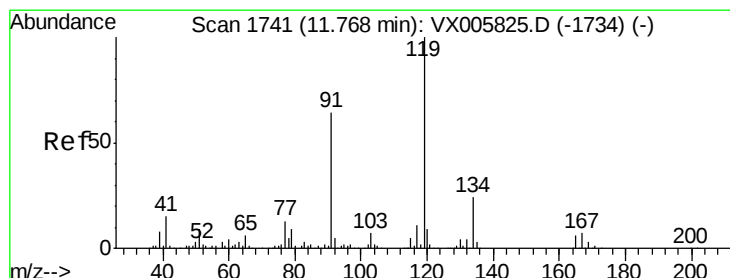
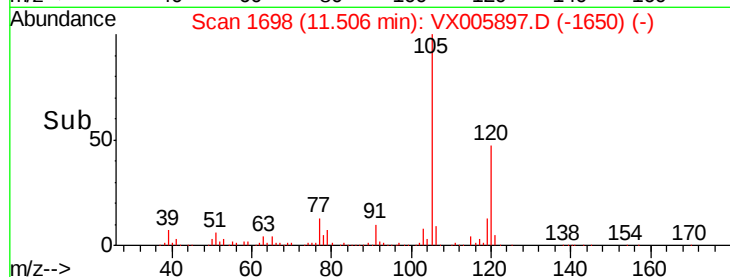
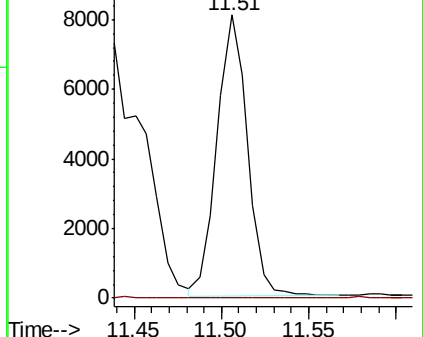
91 100

126 0.0 15.2 45.6#



Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1693) (-)

Ion 125.90 (125.60 to 126.60): VX005825.D (-1693) (-)



#83

tert-Butylbenzene

Concen: 9.351 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.04 min

Lab File: VX005897.D

Acq: 12 Nov 2018 13:48

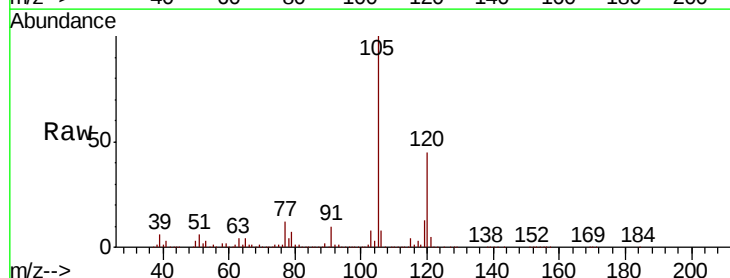
Tgt Ion: 119 Resp: 39694

Ion Ratio Lower Upper

119 100

91 86.0 28.5 85.5#

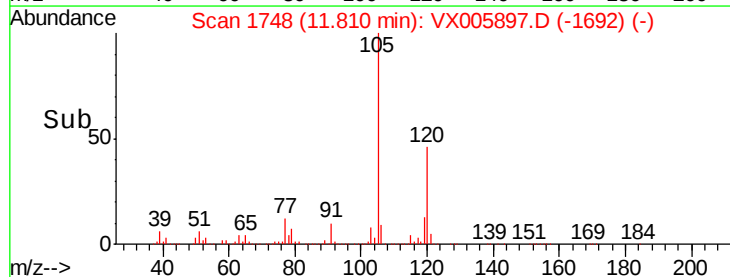
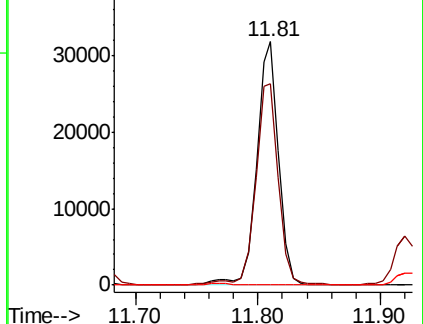
134 0.0 11.3 33.8#

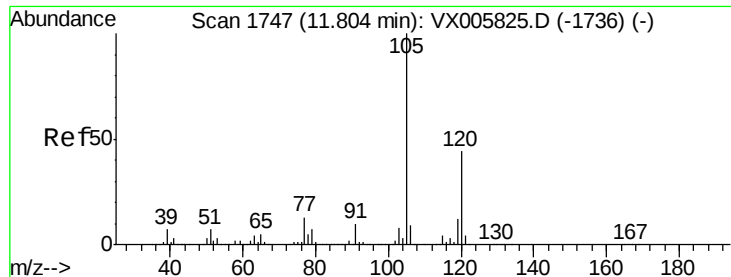


Abundance Ion 119.00 (118.70 to 119.70): VX005825.D (-1734) (-)

Ion 91.00 (90.70 to 91.70): VX005825.D (-1734) (-)

Ion 134.00 (133.70 to 134.70): VX005825.D (-1734) (-)

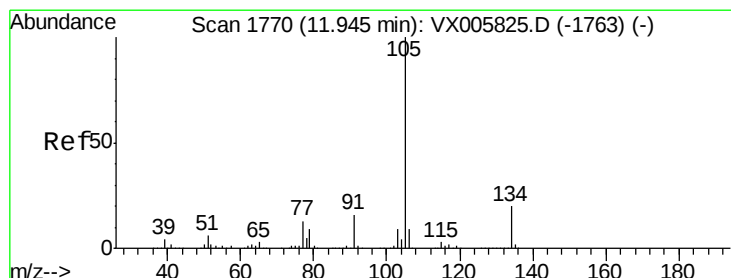
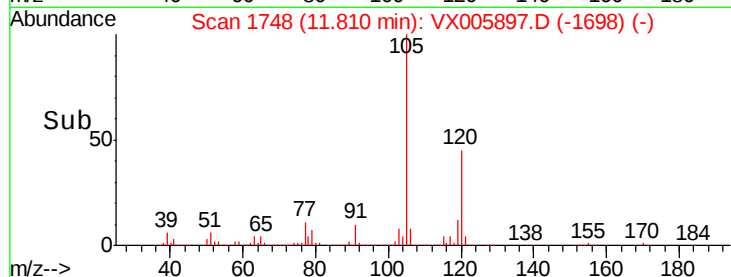
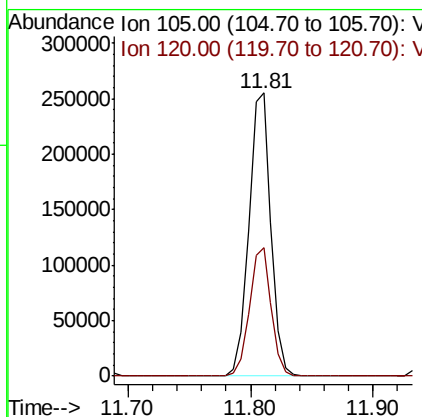
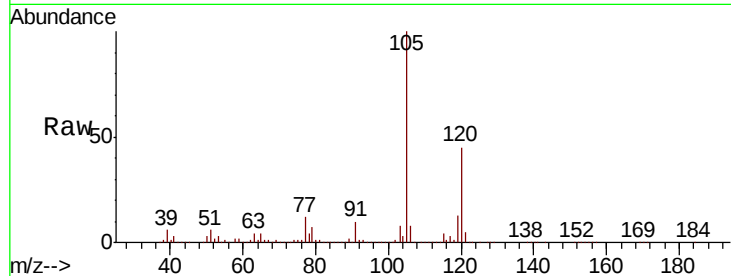




#84
 1,2,4-Trimethylbenzene
 Concen: 68.770 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005897.D
 Acq: 12 Nov 2018 13:48

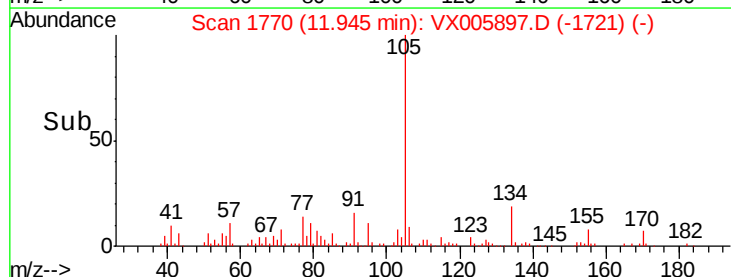
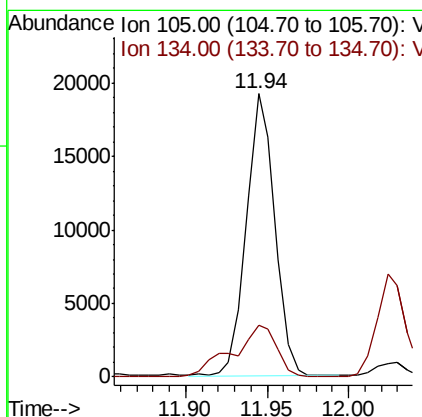
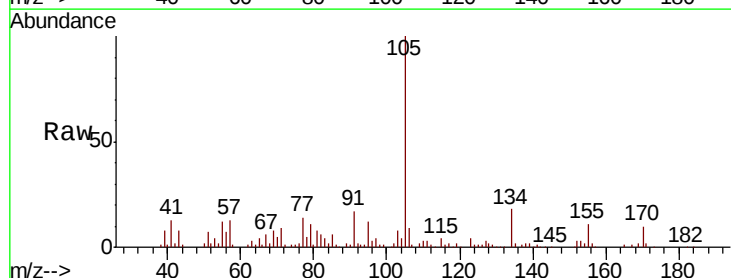
Instrument :
 MSVOA_X
 ClientSampleId :
 BOTTOM-BDL

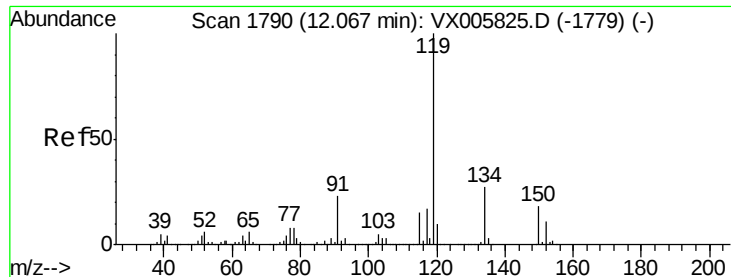
Tot Ion:105 Resp: 318228
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.0



#85
 sec-Butylbenzene
 Concen: 4.502 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005897.D
 Acq: 12 Nov 2018 13:48

Tgt Ion:105 Resp: 23368
 Ion Ratio Lower Upper
 105 100
 134 28.4 10.2 30.4

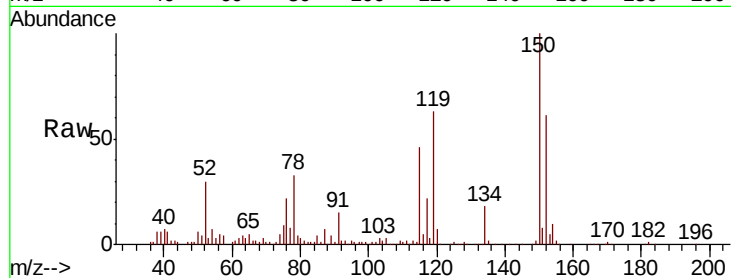




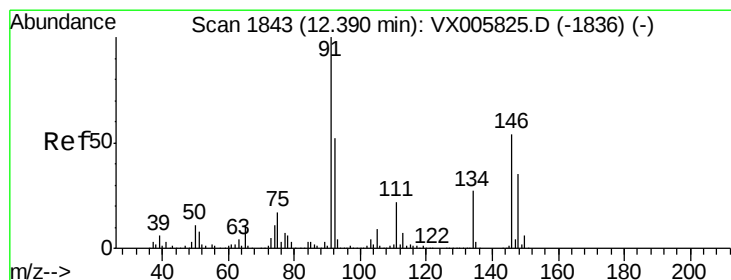
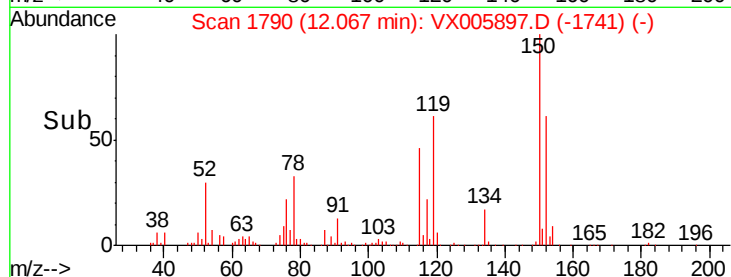
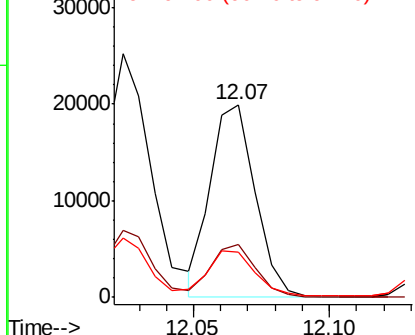
#86
p-Isopropyltoluene
Concen: 4.960 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX005897.D
Acq: 12 Nov 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
BOTTOM-BDL

Tot Ion:119 Resp: 22807
Ion Ratio Lower Upper
119 100
134 27.8 13.0 39.0
91 25.3 11.4 34.2

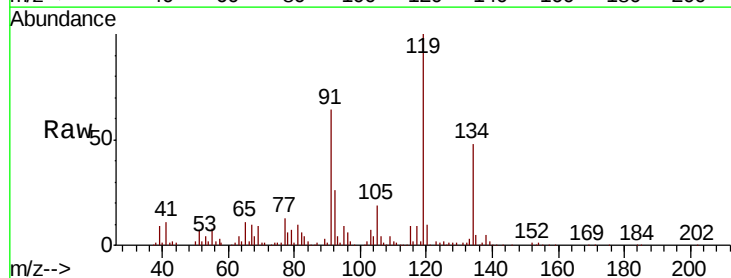


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): VX0

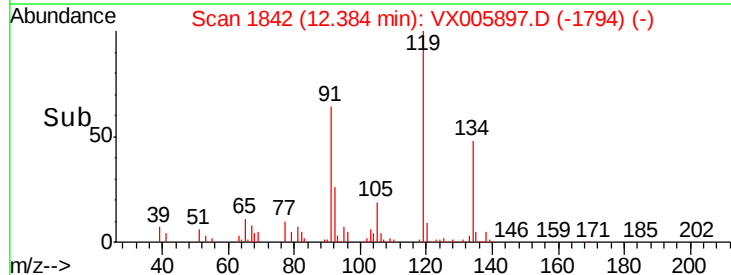
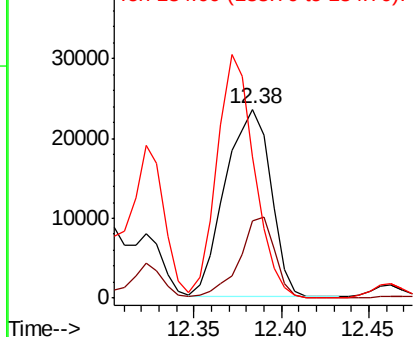


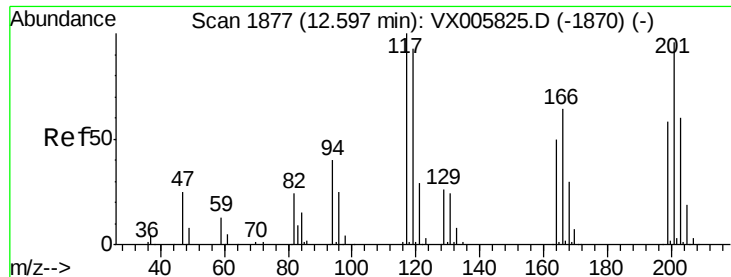
#89
n-Butylbenzene
Concen: 10.040 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX005897.D
Acq: 12 Nov 2018 13:48

Tgt Ion: 91 Resp: 42785
Ion Ratio Lower Upper
91 100
92 33.9 26.1 78.2
134 106.1 13.1 39.3#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 8.361 ug/l

RT: 12.61 min Scan# 1879

Delta R.T. 0.01 min

Lab File: VX005897.D

Acq: 12 Nov 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

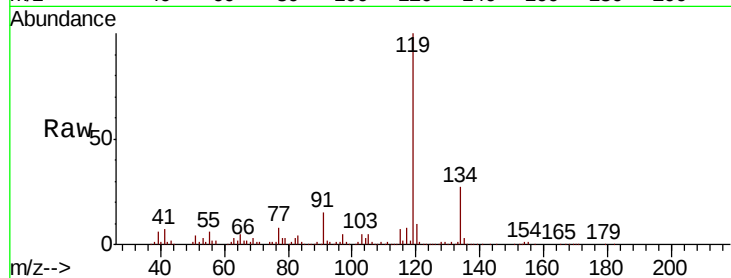
BOTTOM-BDL

Tot Ion:117 Resp: 6418

Ion Ratio Lower Upper

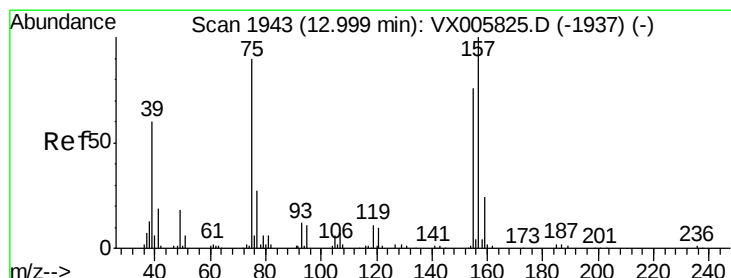
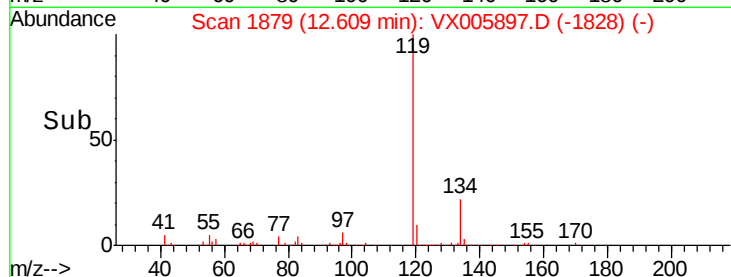
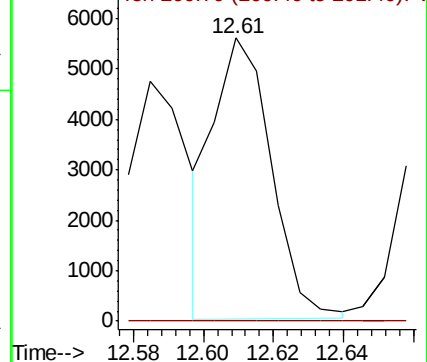
117 100

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: 2.112 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX005897.D

Acq: 12 Nov 2018 13:48

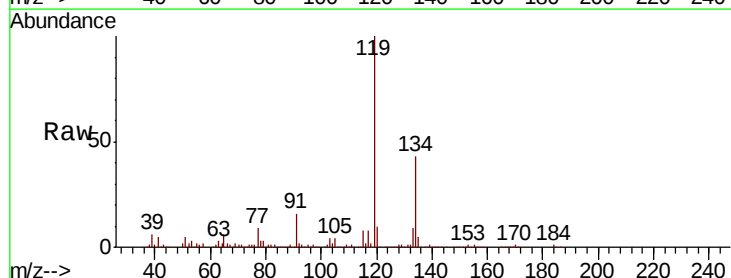
Tgt Ion: 75 Resp: 934

Ion Ratio Lower Upper

75 100

155 0.0 45.4 136.1#

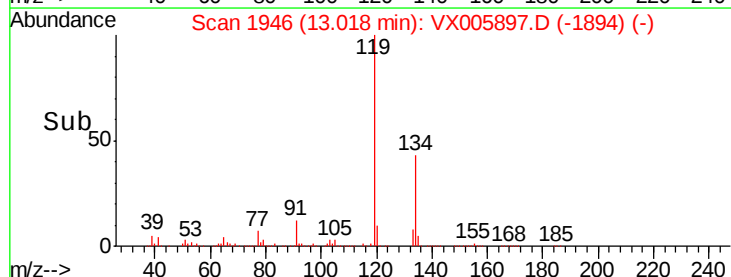
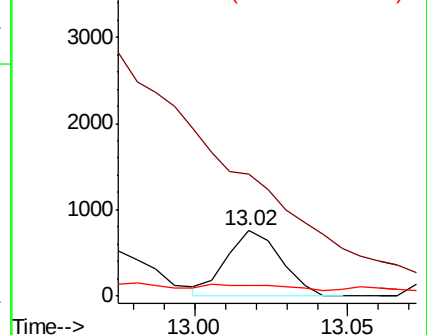
157 30.0 57.4 172.0#

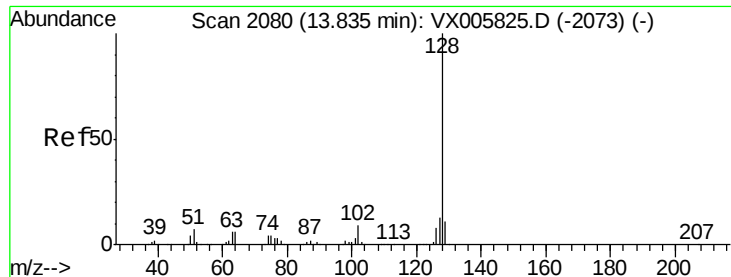


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

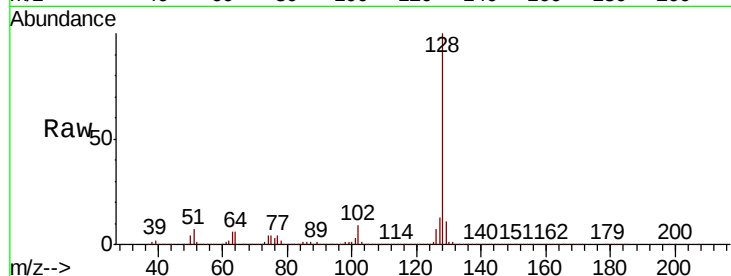




#95
Naphthalene
Concen: 65.794 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005897.D
Acq: 12 Nov 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
BOTTOM-BDL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.5	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

