

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX004979.D
 Acq On : 03 Oct 2018 19:47
 Operator : JC/MD
 Sample : PB113446ZHE#05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#05

Quant Time: Oct 04 01:26:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	285298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	451992	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	435468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	246302	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	200552	49.21	ug/l	0.00
Spiked Amount			Recovery	=	98.42%	
35) Dibromofluoromethane	5.50	113	167702	43.78	ug/l	0.00
Spiked Amount			Recovery	=	87.56%	
50) Toluene-d8	8.72	98	643228	50.51	ug/l	0.00
Spiked Amount			Recovery	=	101.02%	
62) 4-Bromofluorobenzene	11.14	95	238867	52.06	ug/l	0.00
Spiked Amount			Recovery	=	104.12%	

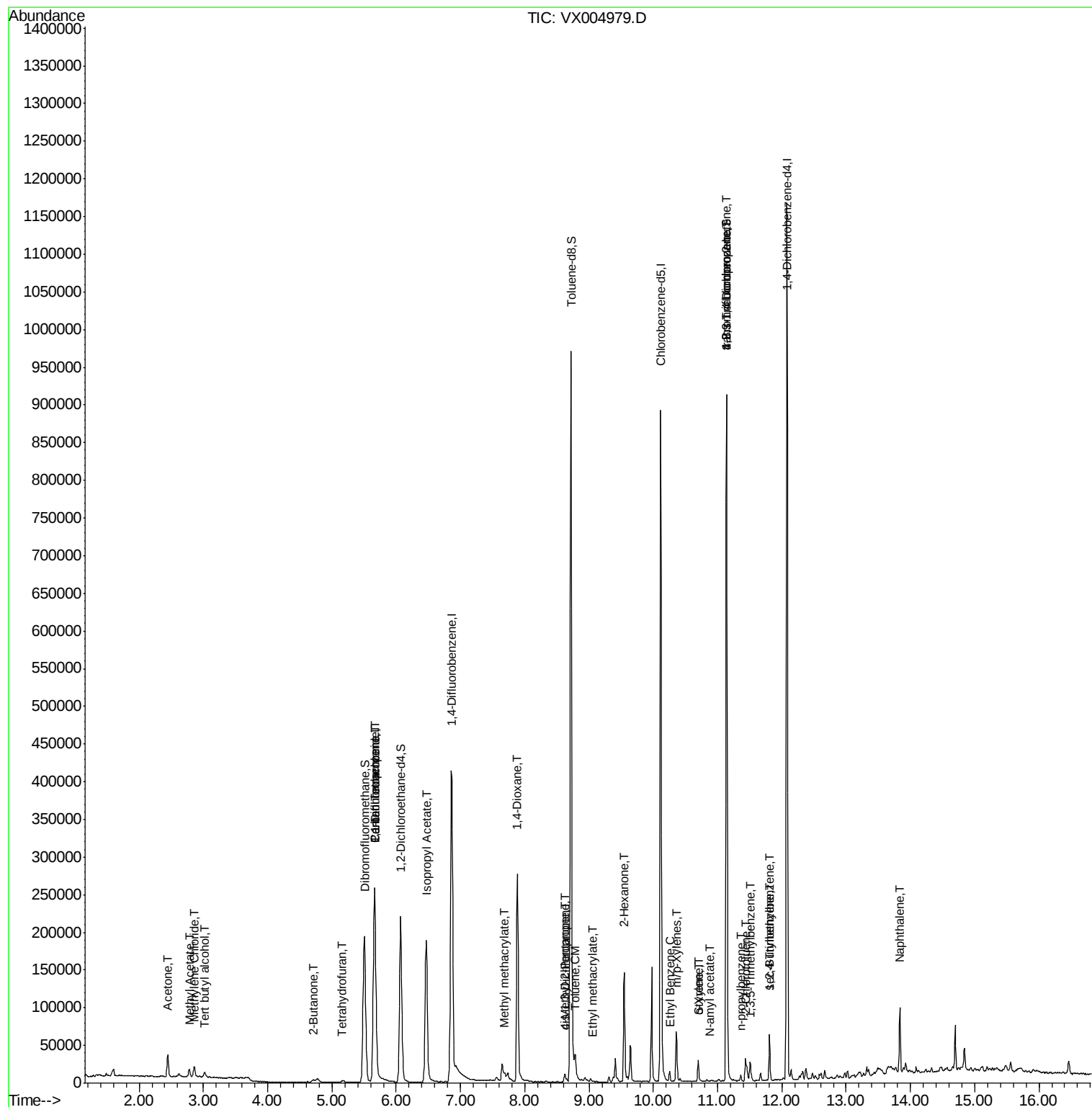
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.73	64	676	Below Cal		93
11) Tert butyl alcohol	3.01	59	4675	4.103	ug/l #	75
16) Acetone	2.45	43	31968	13.436	ug/l	91
18) Methyl Acetate	2.78	43	12632	2.095	ug/l	93
20) Methylene Chloride	2.85	84	6170	0.960	ug/l	90
25) 2-Butanone	4.71	43	6872	1.959	ug/l	93
29) Tetrahydrofuran	5.16	42	2381	1.092	ug/l	95
36) 1,1-Dichloropropene	5.67	75	17961	3.437	ug/l #	46
38) Carbon Tetrachloride	5.67	117	24394	4.440	ug/l #	18
43) Isopropyl Acetate	6.47	43	257445	25.710	ug/l	96
48) Methyl methacrylate	7.69	41	9799	2.156	ug/l #	23
49) 1,4-Dioxane	7.88	88	43	0.381	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	3682	0.584	ug/l #	37
52) Toluene	8.79	92	6885	0.766	ug/l	97
54) cis-1,3-Dichloropropene	8.62	75	1691	0.303	ug/l #	69
56) Ethyl methacrylate	9.07	69	190	2.890	ug/l #	95
59) 2-Hexanone	9.55	43	17190	3.272	ug/l #	52
67) Ethyl Benzene	10.26	91	7913	0.446	ug/l	99
68) m/p-Xylenes	10.36	106	15732	2.271	ug/l	93
69) o-Xylene	10.70	106	5359	0.842	ug/l	100
70) Styrene	10.71	104	586	2.188	ug/l #	1
74) N-amyl acetate	10.89	43	172	1.767	ug/l #	28
76) 1,2,3-Trichloropropane	11.14	75	115861	20.987	ug/l #	35
78) n-propylbenzene	11.36	91	4900	0.275	ug/l	96
79) 2-Chlorotoluene	11.44	91	3079	0.277	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	10205	0.522	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	115861	56.953	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	28175	1.729	ug/l	99
85) sec-Butylbenzene	11.80	105	28175	1.810	ug/l #	56
95) Naphthalene	13.83	128	52375	3.239	ug/l	98

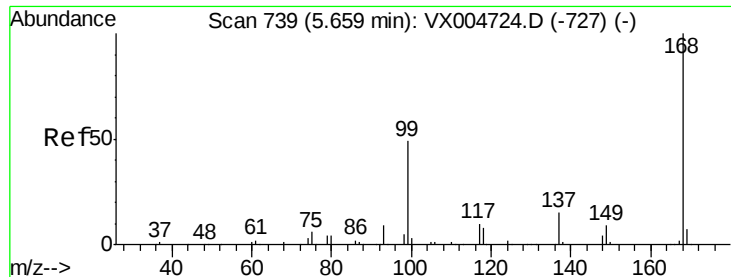
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004979.D

Acq: 03 Oct 2018 19:47

Instrument :

MSVOA_X

ClientSampleId :

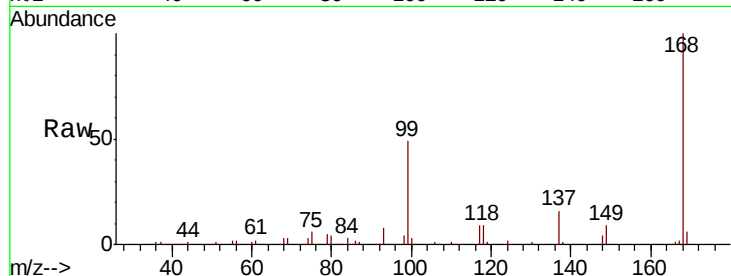
PB113446ZHE#05

Tot Ion:168 Resp: 285298

Ion Ratio Lower Upper

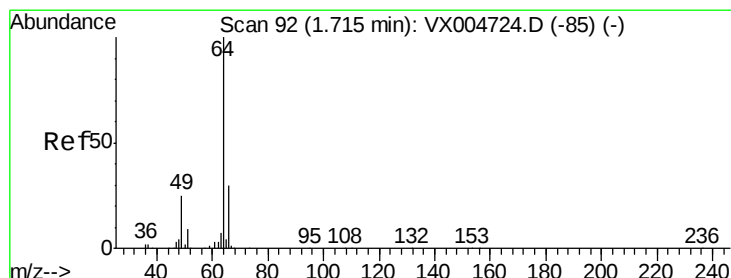
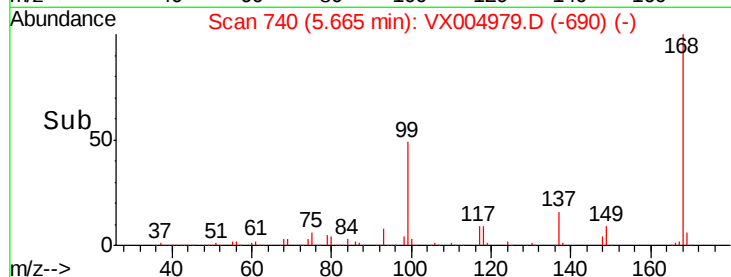
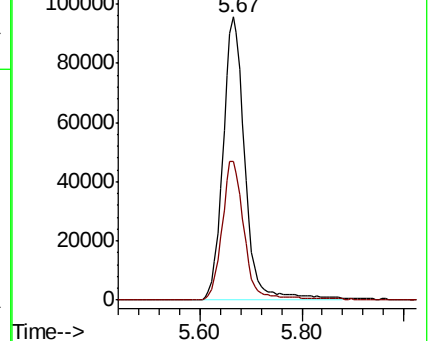
168 100

99 49.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 95

Delta R.T. 0.02 min

Lab File: VX004979.D

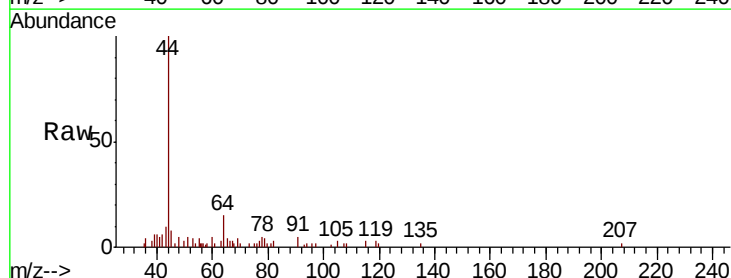
Acq: 03 Oct 2018 19:47

Tgt Ion: 64 Resp: 676

Ion Ratio Lower Upper

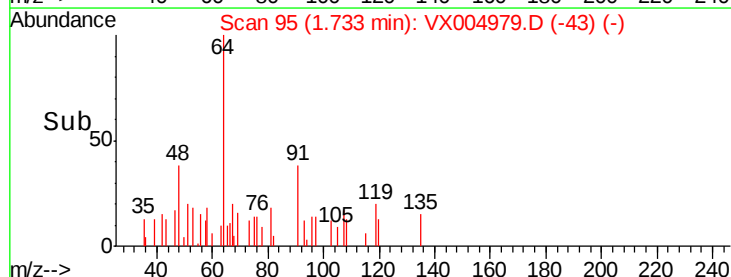
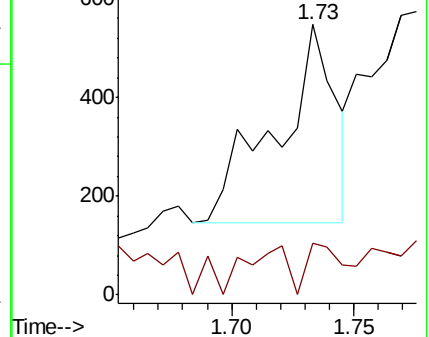
64 100

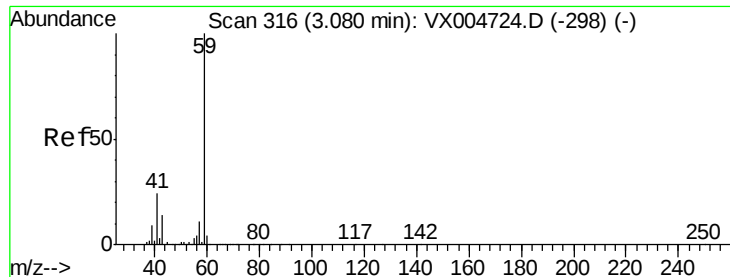
66 26.2 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



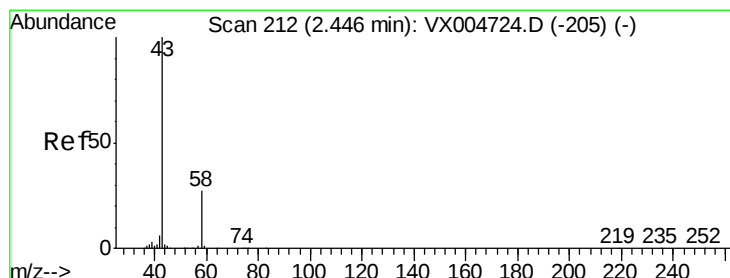
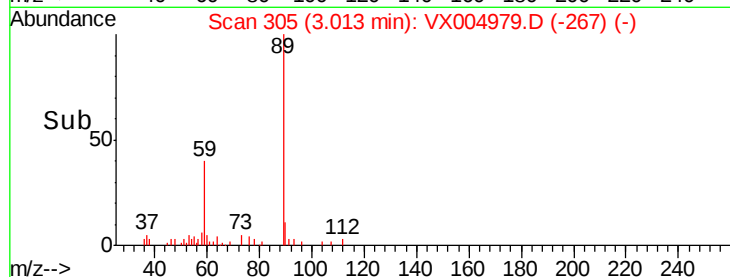
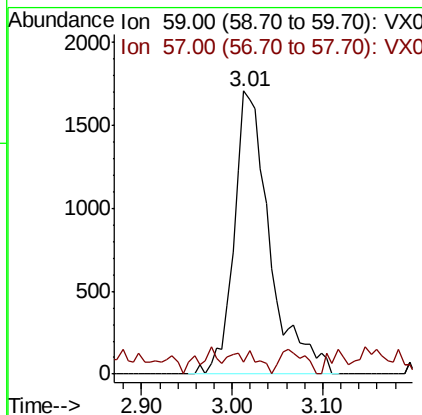
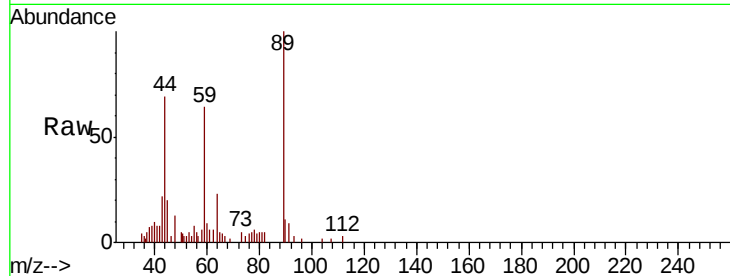


#11

Tert butyl alcohol
 Concen: 4.103 ug/l
 RT: 3.01 min Scan# 305
 Delta R.T. -0.07 min
 Lab File: VX004979.D
 Acq: 03 Oct 2018 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#05

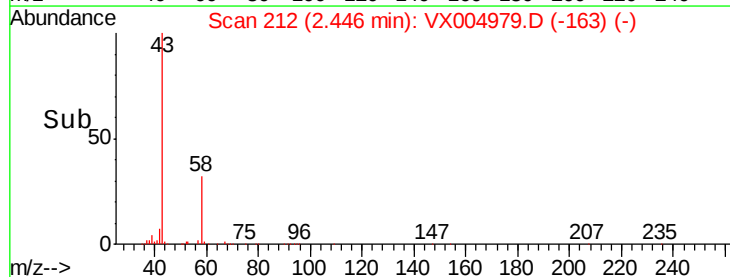
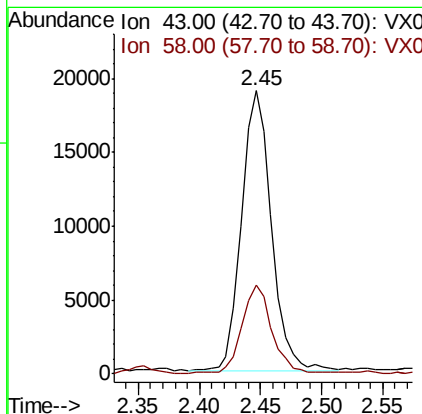
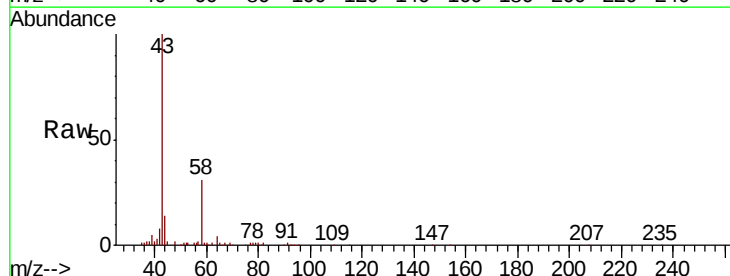
Tot Ion: 59 Resp: 4675
 Ion Ratio Lower Upper
 59 100
 57 1.4 8.6 12.8#

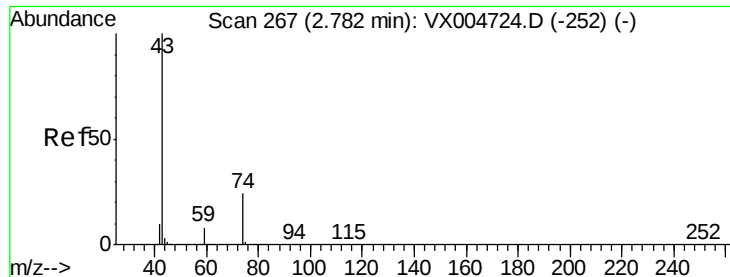


#16

Acetone
 Concen: 13.436 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX004979.D
 Acq: 03 Oct 2018 19:47

Tgt Ion: 43 Resp: 31968
 Ion Ratio Lower Upper
 43 100
 58 31.7 21.8 32.6

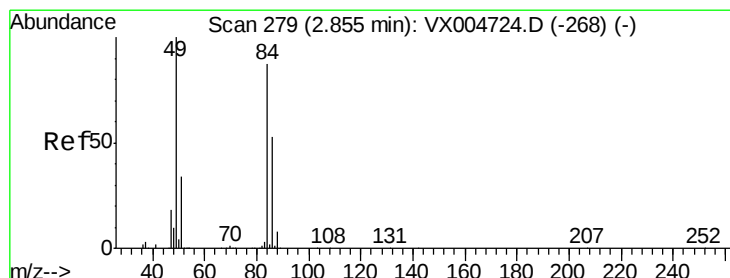
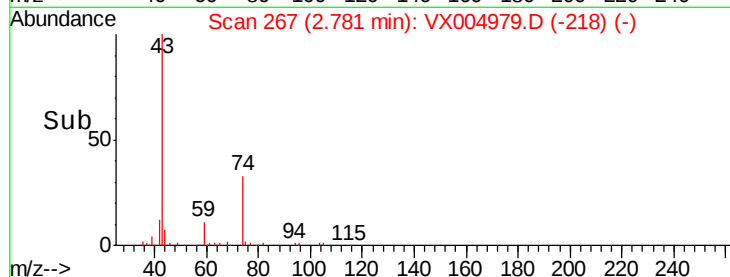
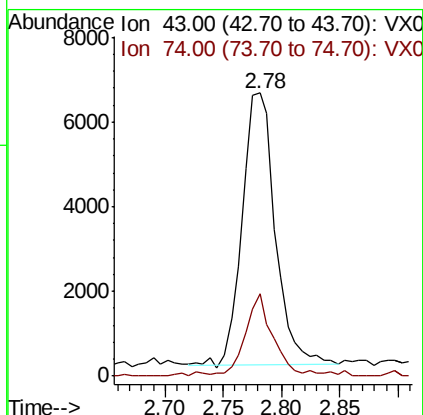
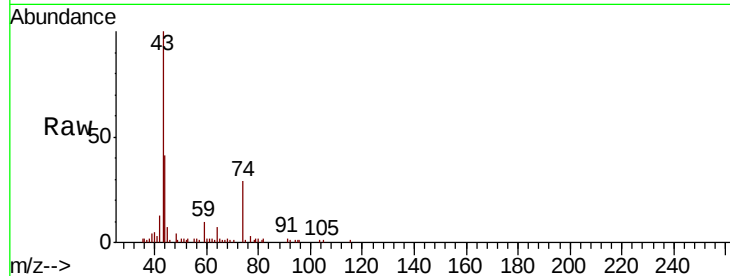




#18
Methvl Acetate
Concen: 2.095 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX004979.D
Acq: 03 Oct 2018 19:47

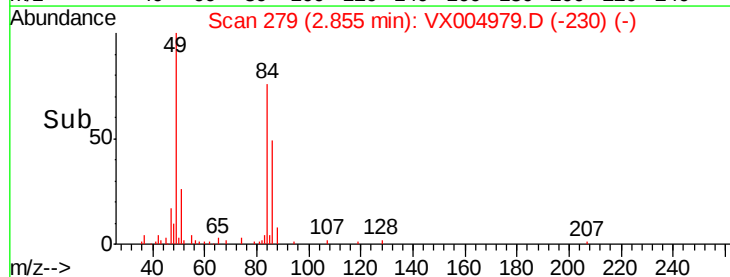
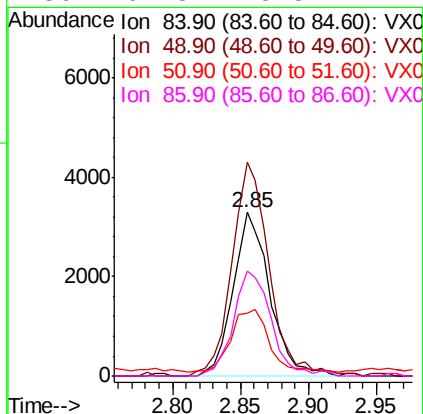
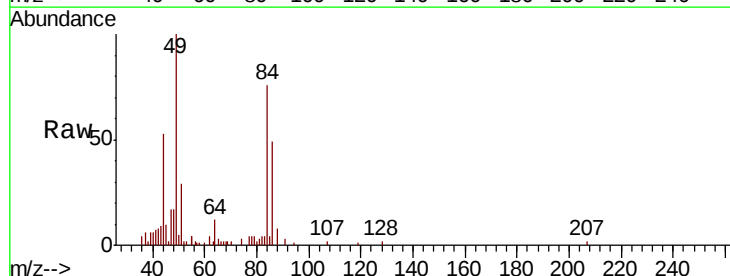
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#05

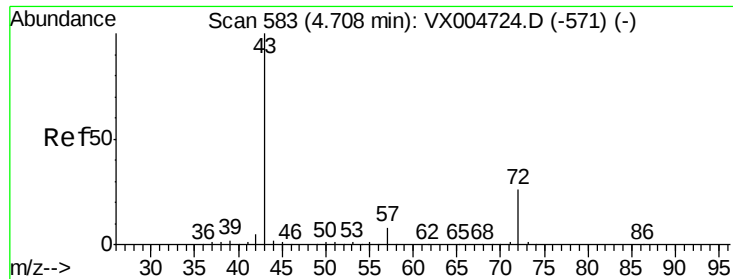
Tot Ion: 43 Resp: 12632
Ion Ratio Lower Upper
43 100
74 25.7 17.8 26.8



#20
Methylene Chloride
Concen: 0.960 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004979.D
Acq: 03 Oct 2018 19:47

Tgt Ion: 84 Resp: 6170
Ion Ratio Lower Upper
84 100
49 130.8 92.3 138.5
51 35.9 31.8 47.6
86 64.3 48.5 72.7

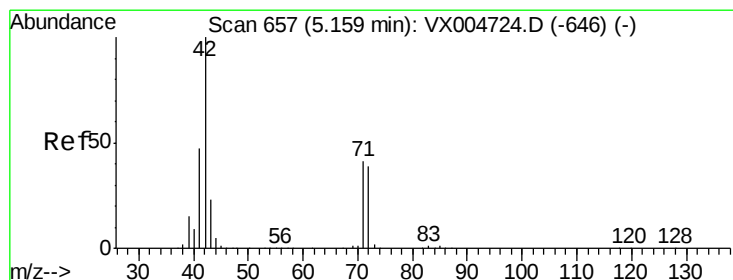
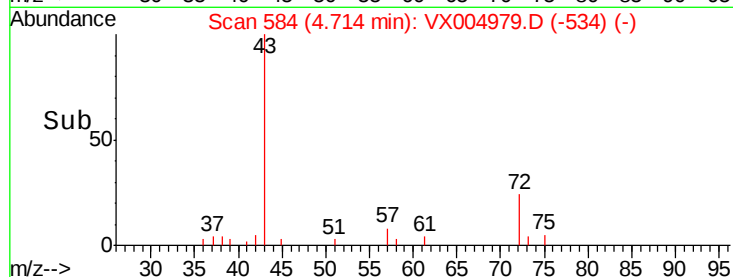
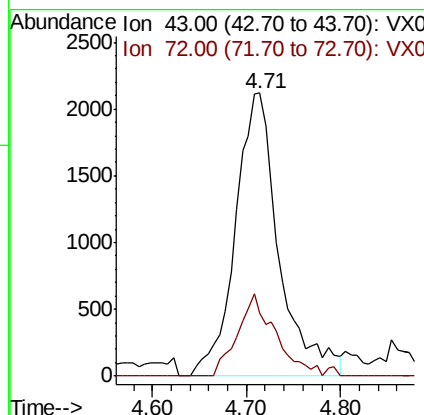
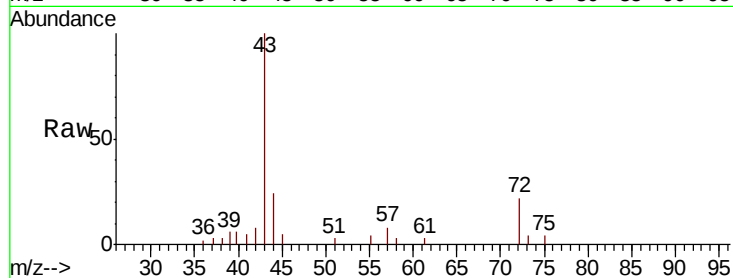




#25
2-Butanone
Concen: 1.959 ug/l
RT: 4.71 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX004979.D
Acq: 03 Oct 2018 19:47

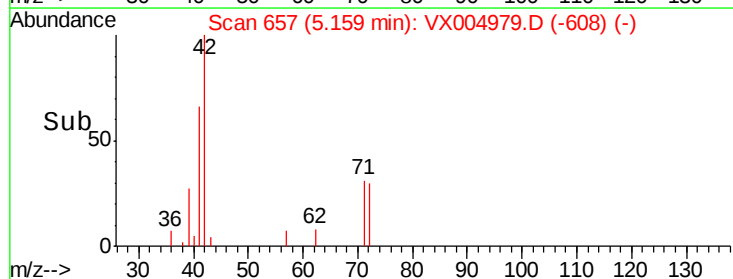
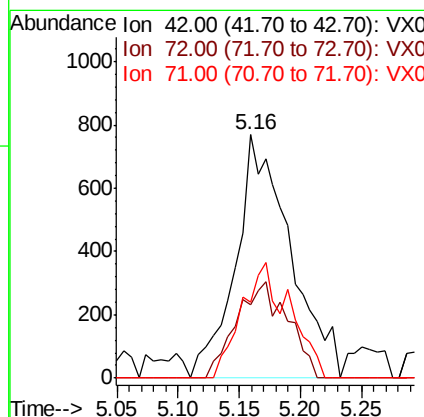
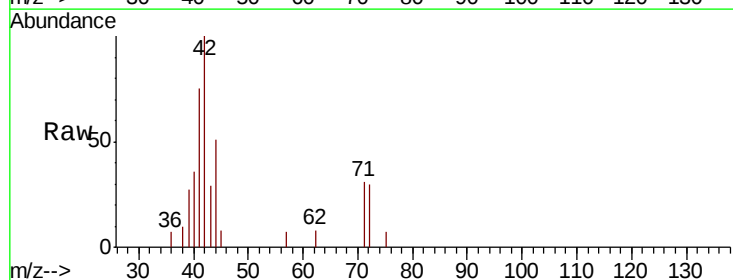
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#05

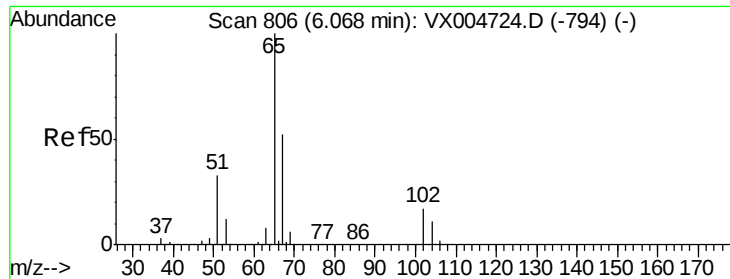
Tot Ion: 43 Resp: 6872
Ion Ratio Lower Upper
43 100
72 22.2 20.8 31.2



#29
Tetrahydrofuran
Concen: 1.092 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX004979.D
Acq: 03 Oct 2018 19:47

Tgt Ion: 42 Resp: 2381
Ion Ratio Lower Upper
42 100
72 37.5 33.7 50.5
71 41.9 32.2 48.4





#33

1,2-Dichloroethane-d4

Concen: 49.209 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004979.D

Acq: 03 Oct 2018 19:47

Instrument :

MSVOA_X

ClientSampleId :

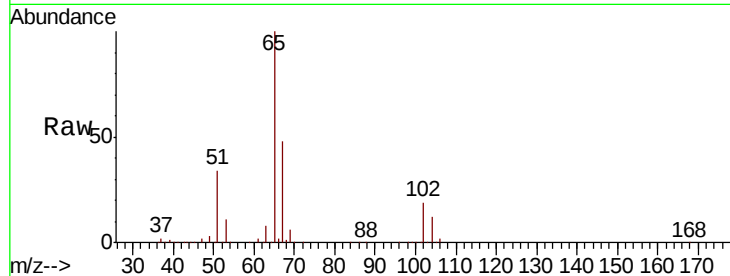
PB113446ZHE#05

Tot Ion: 65 Resp: 200552

Ion Ratio Lower Upper

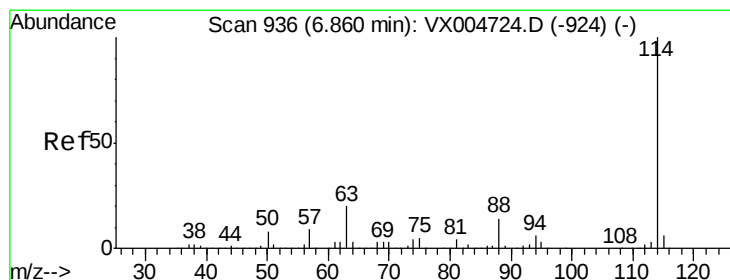
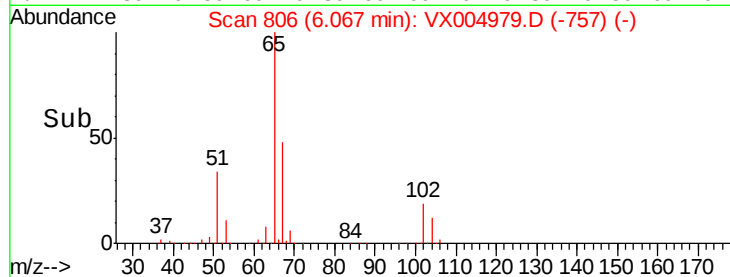
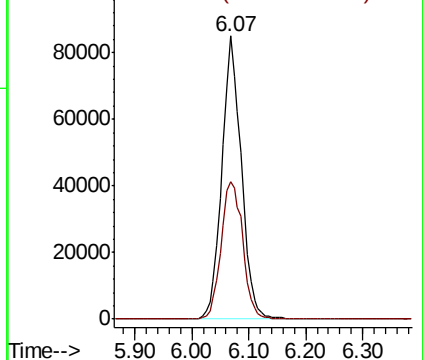
65 100

67 54.1 0.0 107.4



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: VX004979.D

Acq: 03 Oct 2018 19:47

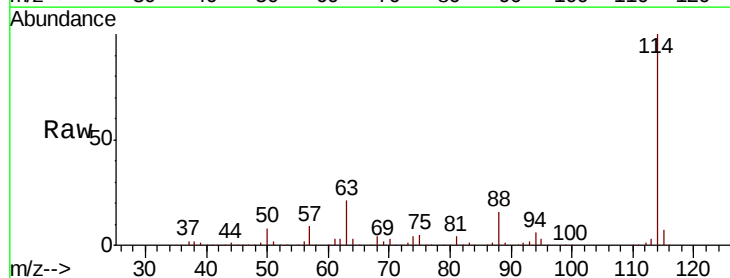
Tgt Ion: 114 Resp: 451992

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.8

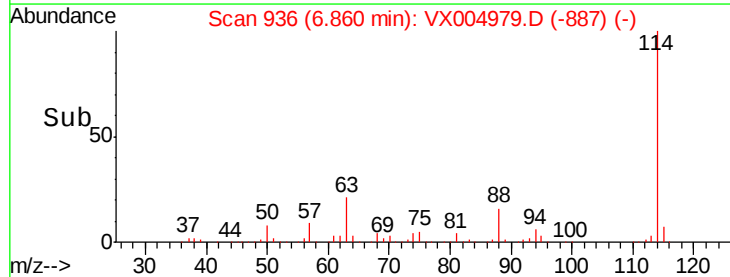
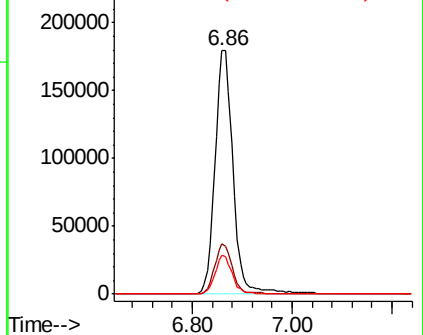
88 16.1 0.0 27.0

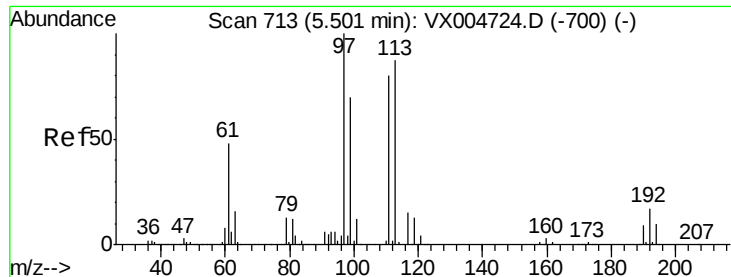


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 43.779 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004979.D

Acq: 03 Oct 2018 19:47

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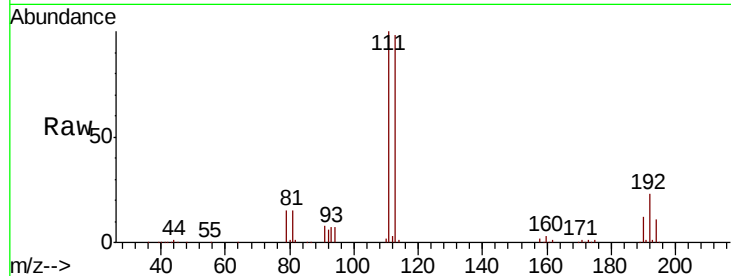
Tot Ion:113 Resp: 167702

Ion Ratio Lower Upper

113 100

111 103.2 77.0 115.4

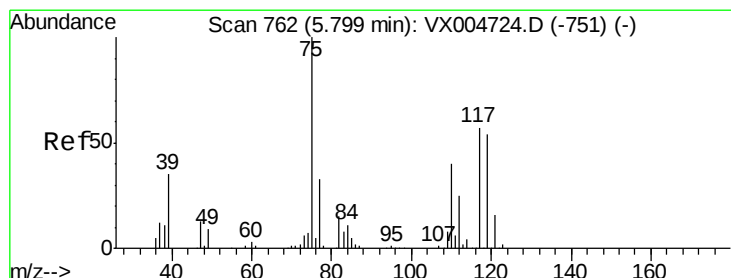
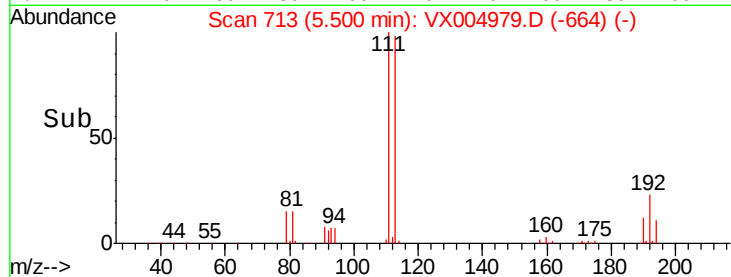
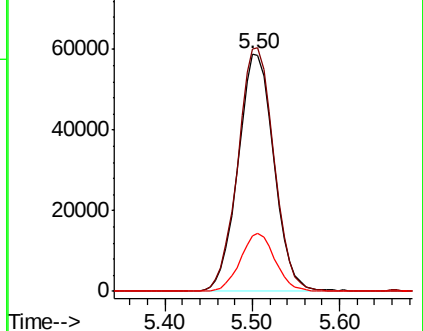
192 23.6 17.0 25.6



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: 3.437 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX004979.D

Acq: 03 Oct 2018 19:47

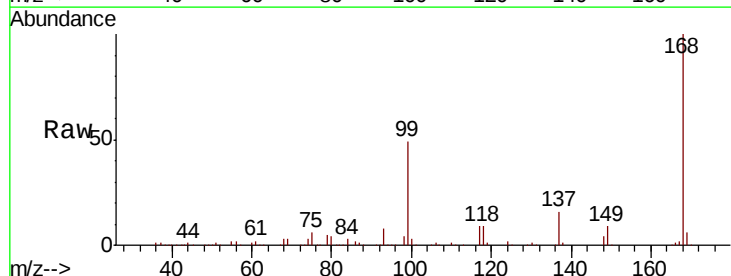
Tgt Ion: 75 Resp: 17961

Ion Ratio Lower Upper

75 100

110 9.0 20.0 59.9#

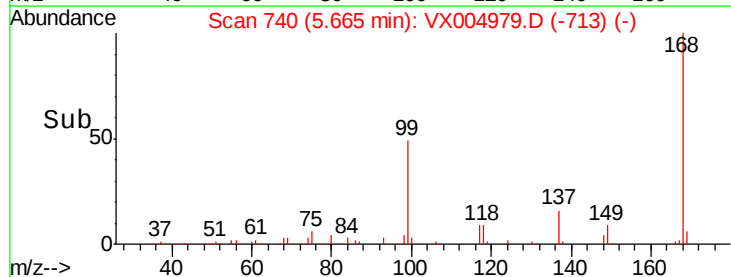
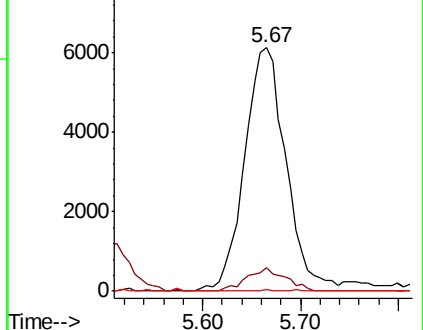
77 0.1 27.1 40.7#

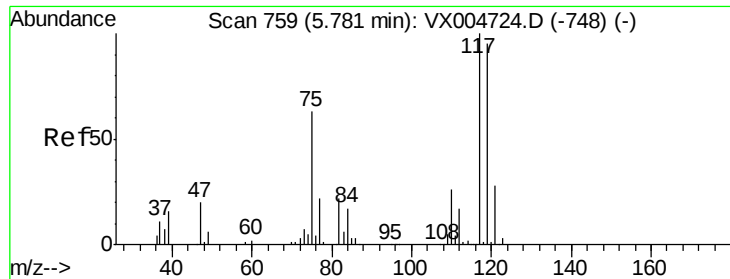


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 4.440 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX004979.D

Acq: 03 Oct 2018 19:47

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#05

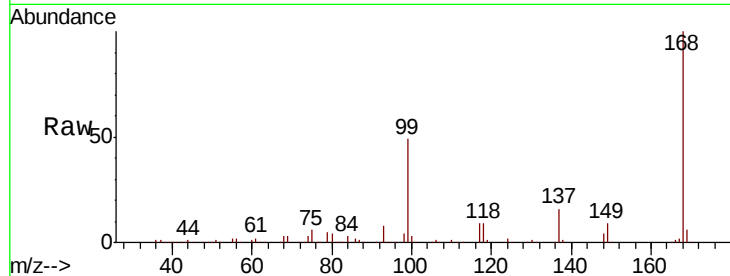
Tot Ion:117 Resp: 24394

Ion Ratio Lower Upper

117 100

119 6.6 75.2 112.8#

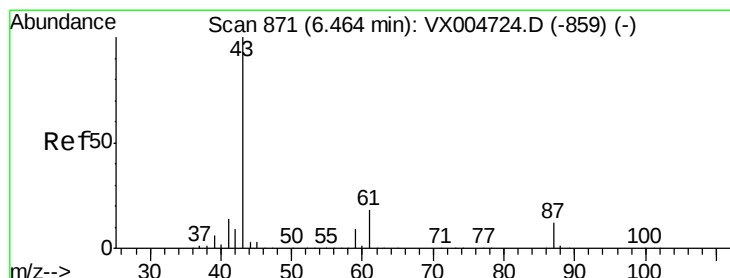
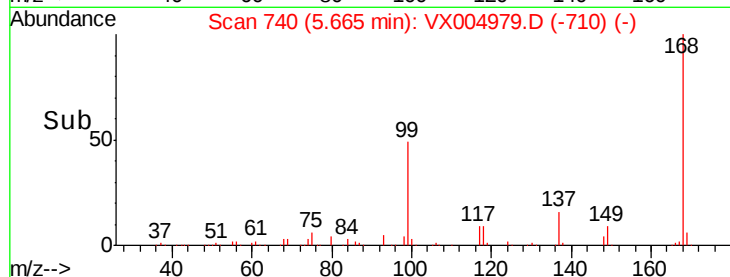
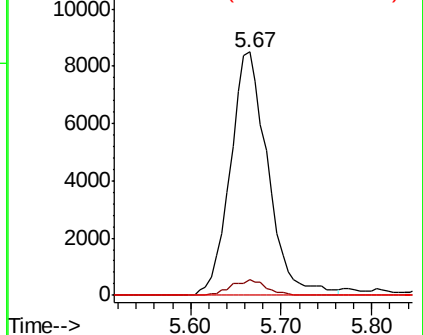
121 0.0 22.5 33.7#



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: 25.710 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX004979.D

Acq: 03 Oct 2018 19:47

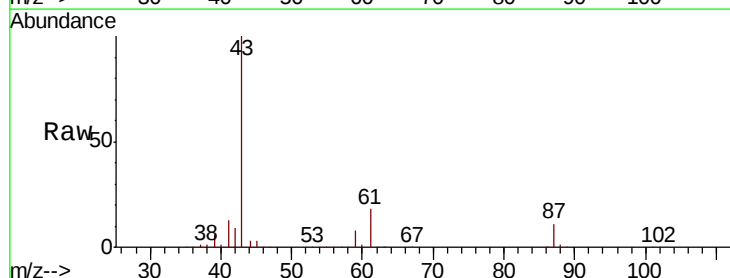
Tgt Ion: 43 Resp: 257445

Ion Ratio Lower Upper

43 100

61 19.9 14.2 21.4

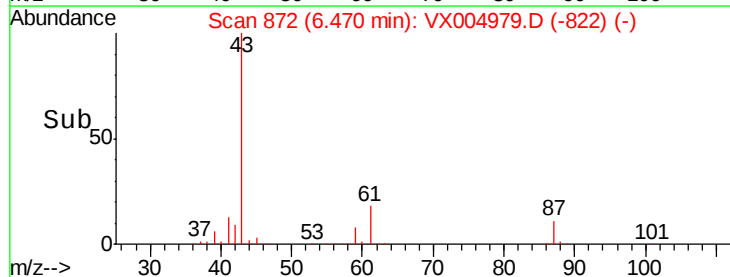
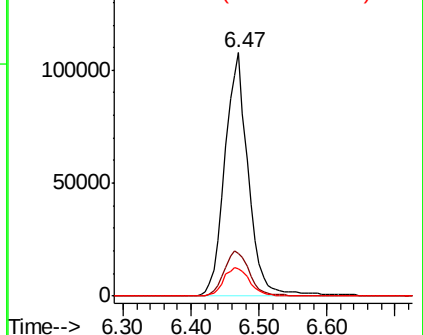
87 13.2 9.3 13.9

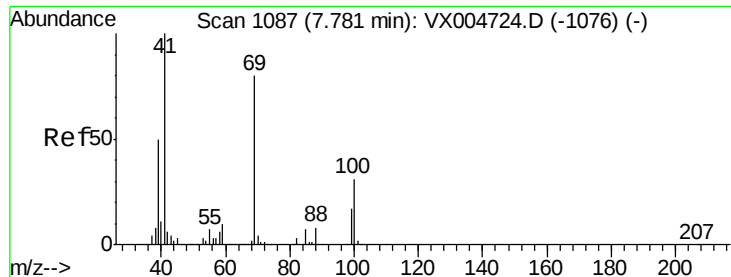


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

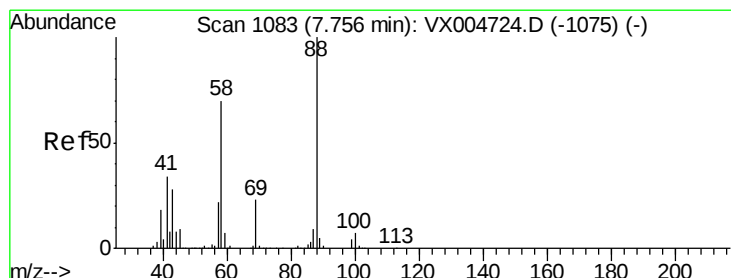
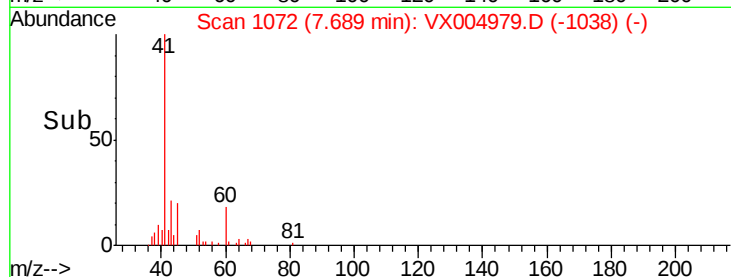
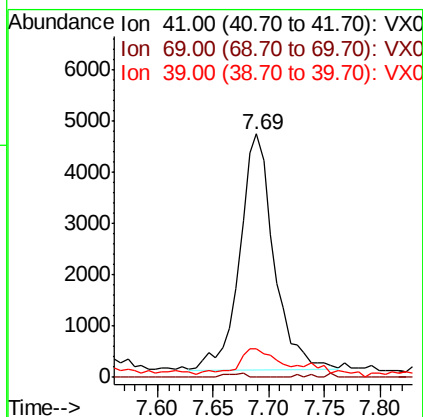
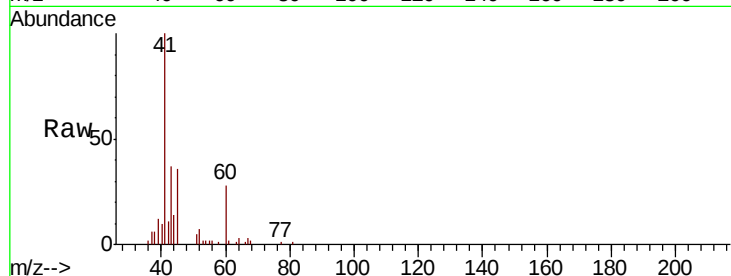




#48
Methyl methacrylate
Concen: 2.156 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.09 min
Lab File: VX004979.D
Acq: 03 Oct 2018 19:47

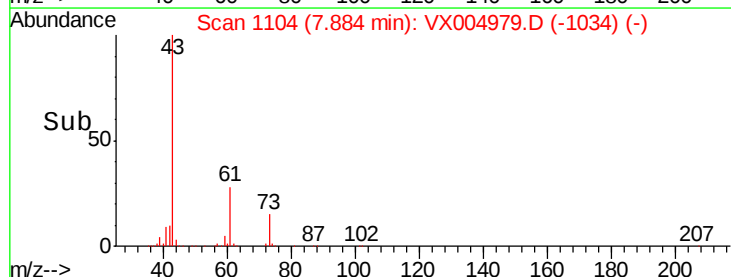
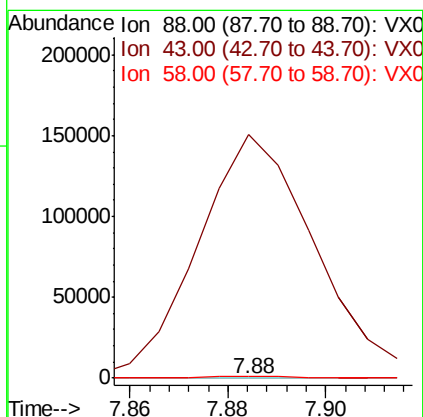
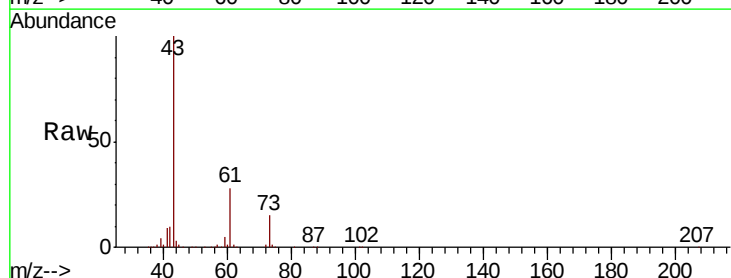
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#05

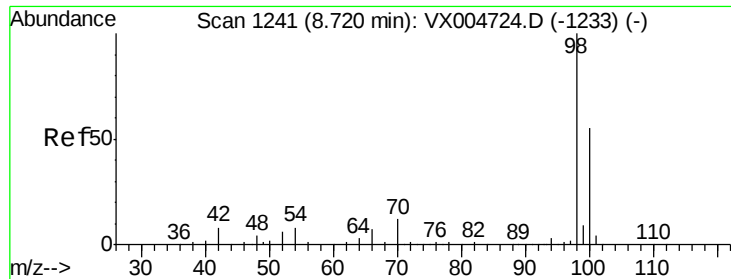
Tot Ion: 41 Resp: 9799
Ion Ratio Lower Upper
41 100
69 0.9 63.8 95.6#
39 11.5 40.7 61.1#



#49
1,4-Dioxane
Concen: 0.381 ug/l
RT: 7.88 min Scan# 1104
Delta R.T. 0.13 min
Lab File: VX004979.D
Acq: 03 Oct 2018 19:47

Tgt Ion: 88 Resp: 43
Ion Ratio Lower Upper
88 100
43 608490.7 25.1 37.7#
58 3427.9 56.2 84.2#

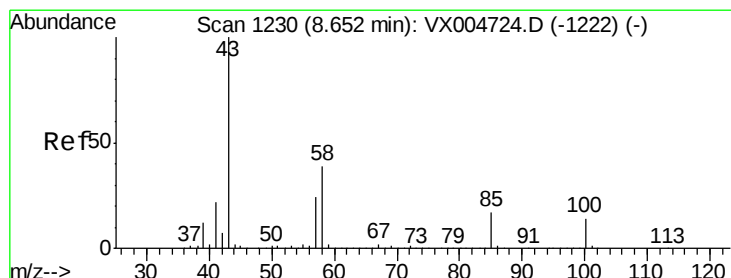
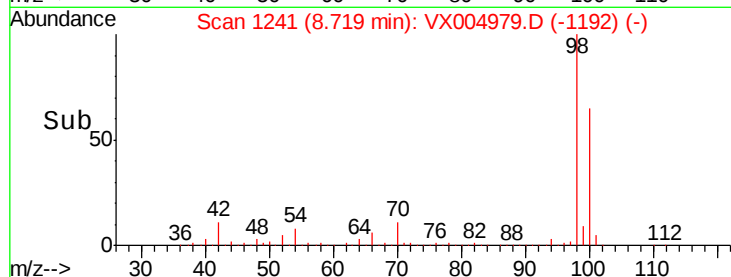
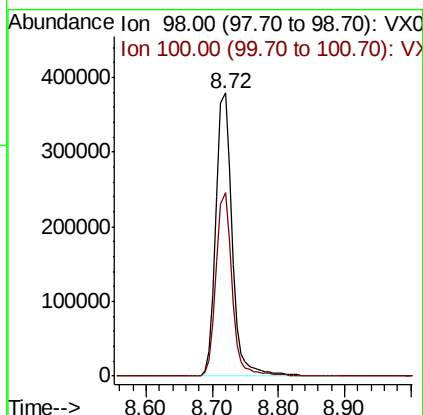
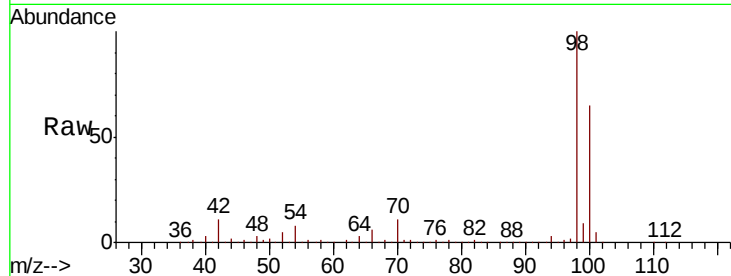




#50
Toluene-d8
Concen: 50.508 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004979.D
Acq: 03 Oct 2018 19:47

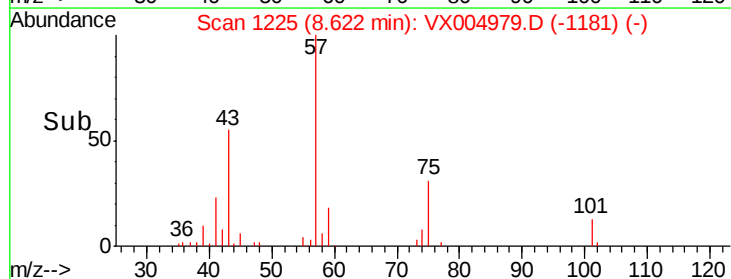
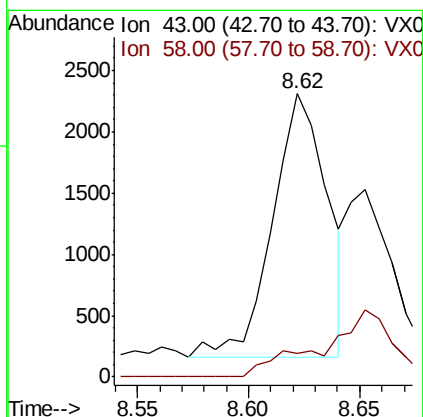
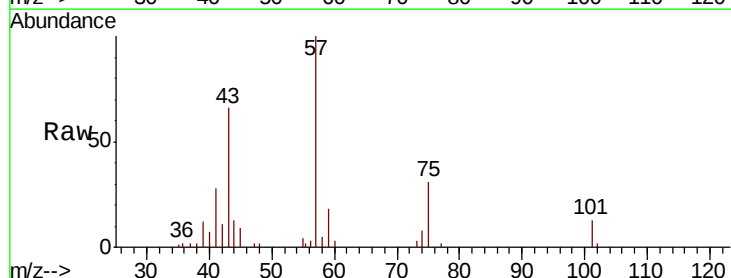
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#05

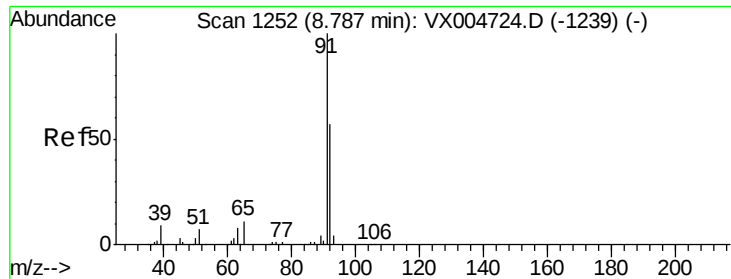
Tot Ion: 98 Resp: 643228
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.584 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. -0.03 min
Lab File: VX004979.D
Acq: 03 Oct 2018 19:47

Tgt Ion: 43 Resp: 3682
Ion Ratio Lower Upper
43 100
58 0.0 30.5 45.7#





#52

Toluene

Concen: 0.766 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004979.D

Acq: 03 Oct 2018 19:47

Instrument :

MSVOA_X

ClientSampleId :

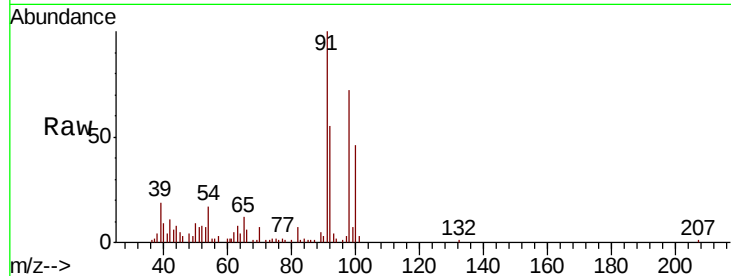
PB113446ZHE#05

Tot Ion: 92 Resp: 6885

Ion Ratio Lower Upper

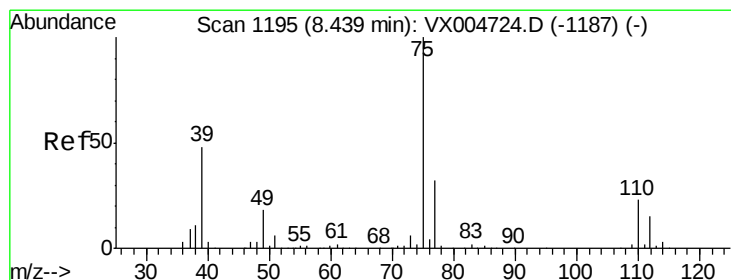
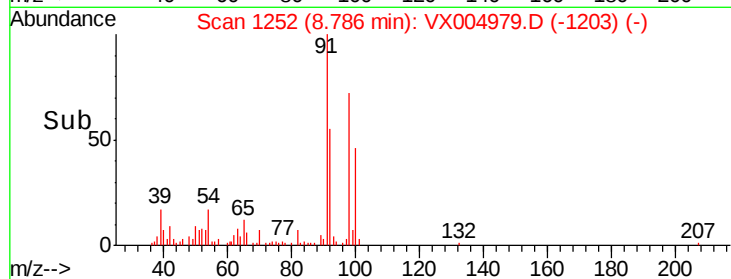
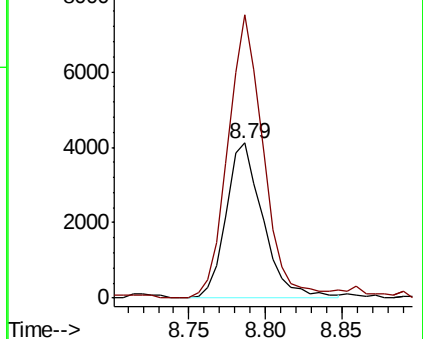
92 100

91 175.3 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 0.303 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. 0.18 min

Lab File: VX004979.D

Acq: 03 Oct 2018 19:47

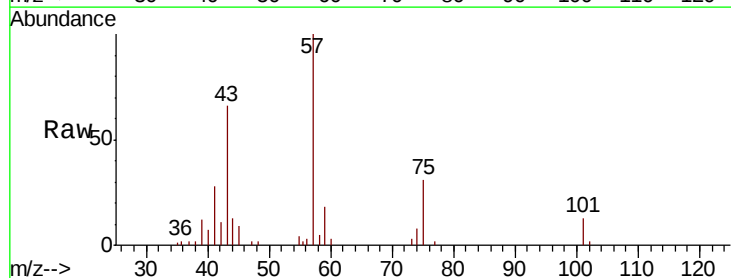
Tgt Ion: 75 Resp: 1691

Ion Ratio Lower Upper

75 100

77 8.0 25.7 38.5#

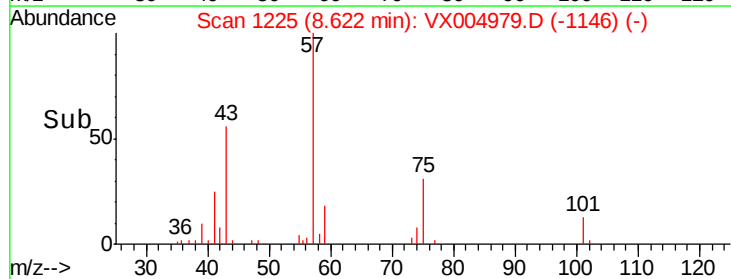
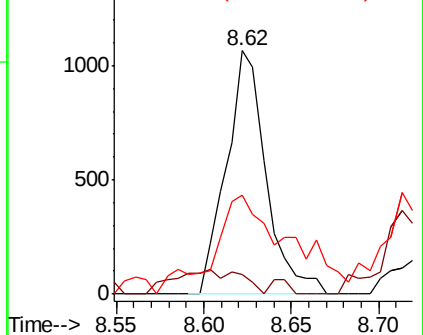
39 32.3 38.3 57.5#

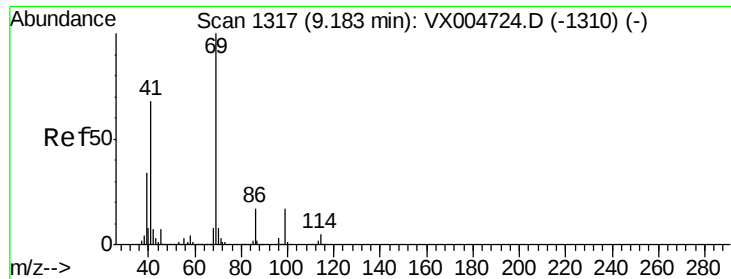


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#56

Ethyl methacrylate

Concen: 2.890 ug/l

RT: 9.07 min Scan# 1298

Delta R.T. -0.12 min

Lab File: VX004979.D

Acq: 03 Oct 2018 19:47

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#05

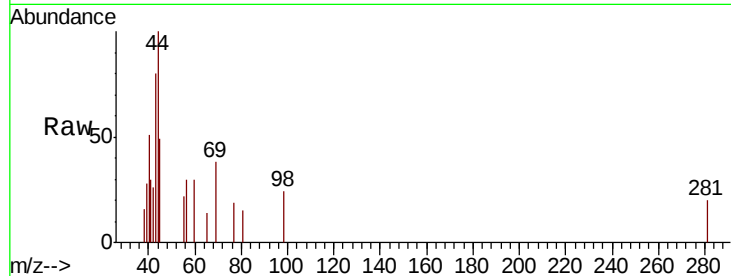
Tot Ion: 69 Resp: 190

Ion Ratio Lower Upper

69 100

41 71.6 56.9 85.3

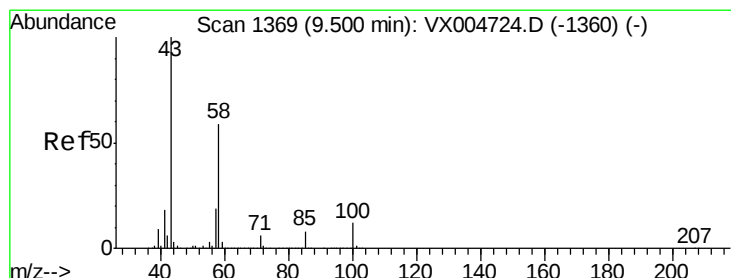
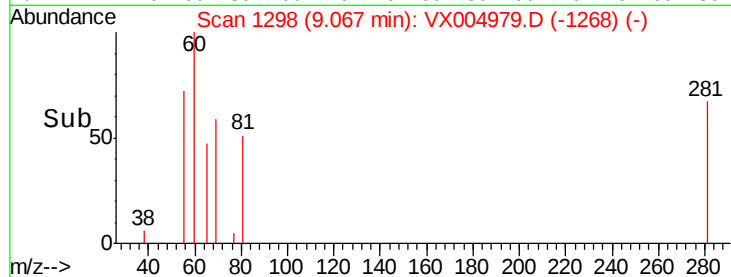
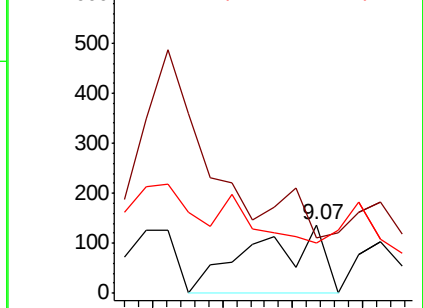
39 44.2 28.4 42.6#



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: 3.272 ug/l

RT: 9.55 min Scan# 1377

Delta R.T. 0.05 min

Lab File: VX004979.D

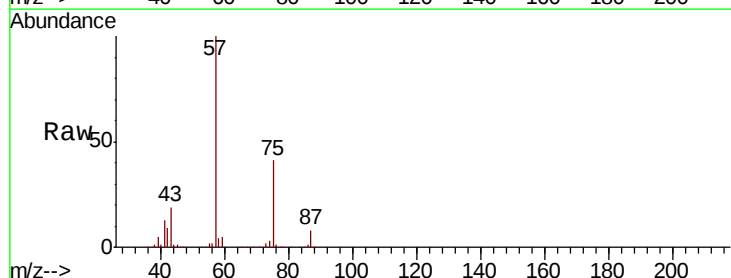
Acq: 03 Oct 2018 19:47

Tgt Ion: 43 Resp: 17190

Ion Ratio Lower Upper

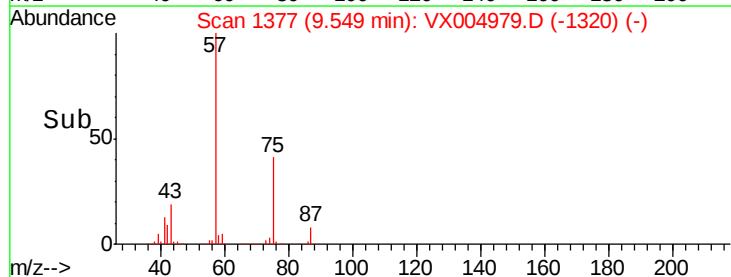
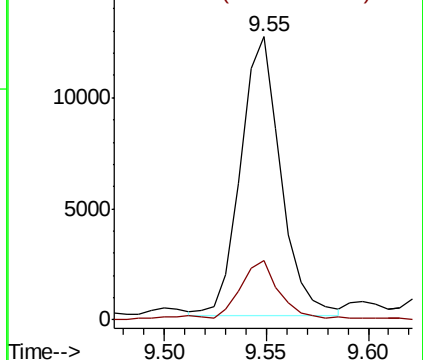
43 100

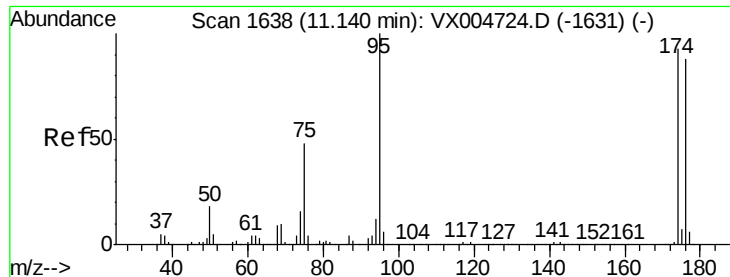
58 21.6 28.4 85.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

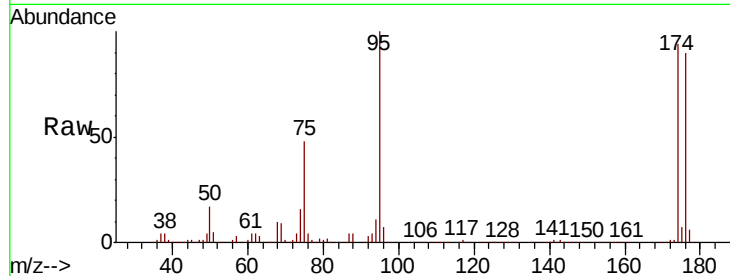




#62
4-Bromofluorobenzene
Concen: 52.065 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004979.D
Acq: 03 Oct 2018 19:47

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#05

Tot Ion	Ratio	Lower	Upper
95	100		
174	91.3	0.0	185.0
176	88.3	0.0	180.2

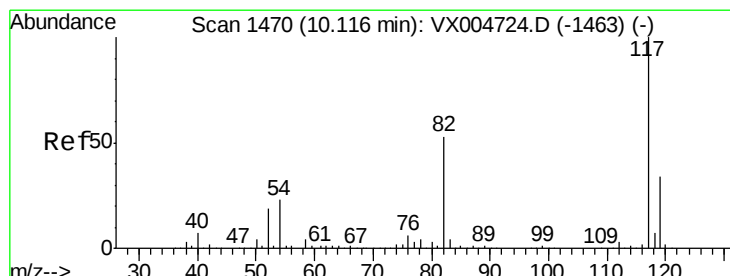
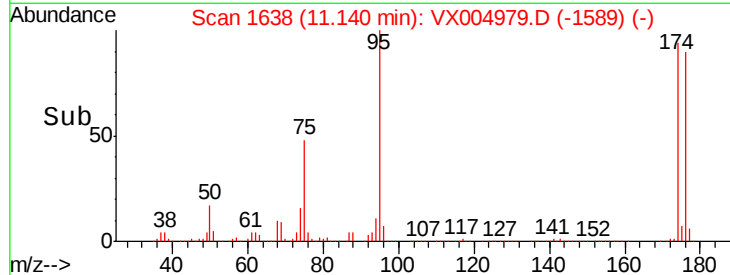
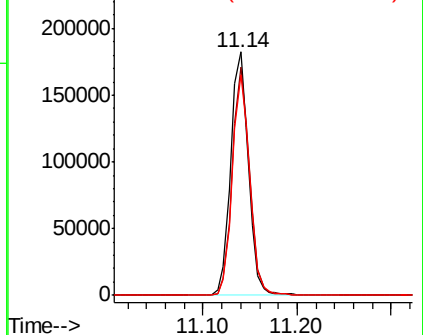


Abundance

Ion 94.90 (94.60 to 95.60): VX004724.D (-1631) (-)

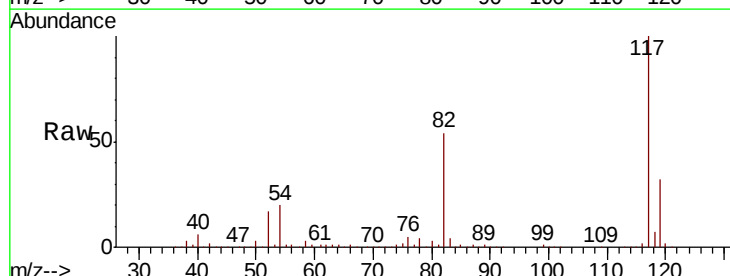
Ion 173.80 (173.50 to 174.50): VX004724.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX004724.D (-1631) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004979.D
Acq: 03 Oct 2018 19:47

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.0	42.2	63.4
119	32.4	27.4	41.0

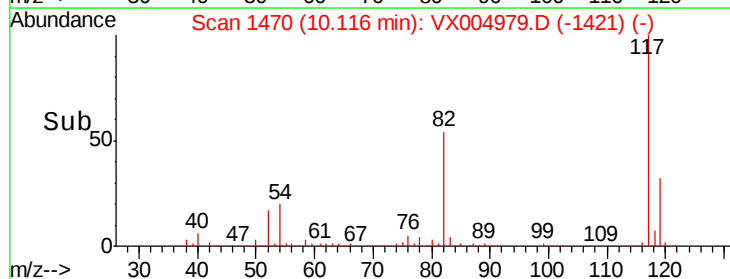
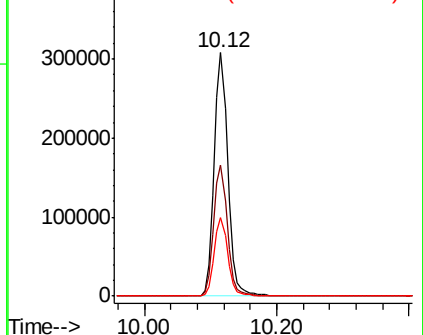


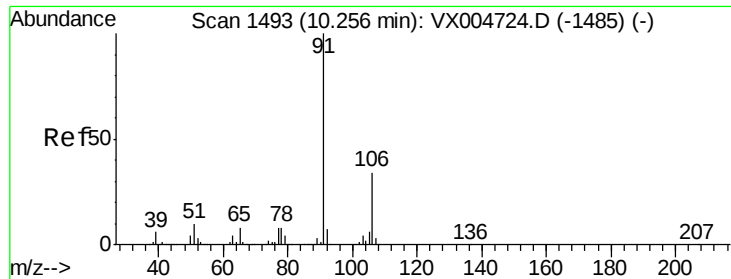
Abundance

Ion 116.90 (116.60 to 117.60): VX004724.D (-1463) (-)

Ion 82.00 (81.70 to 82.70): VX004724.D (-1463) (-)

Ion 118.90 (118.60 to 119.60): VX004724.D (-1463) (-)





#67

Ethyl Benzene

Concen: 0.446 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX004979.D

Acq: 03 Oct 2018 19:47

Instrument :

MSVOA_X

ClientSampleId :

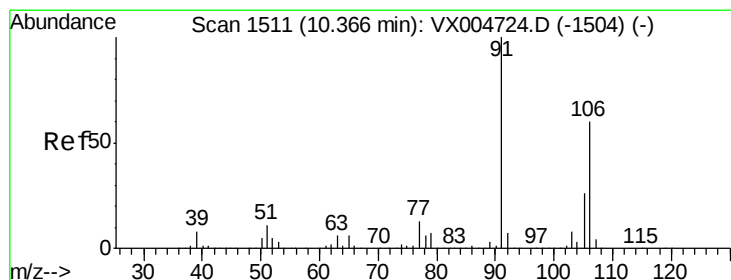
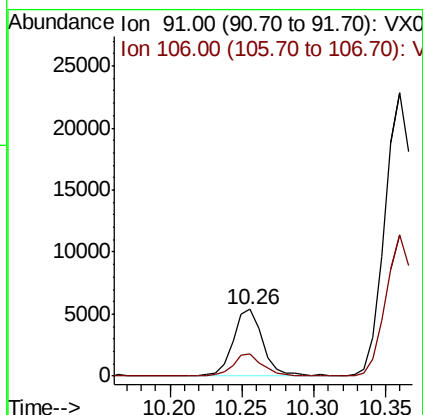
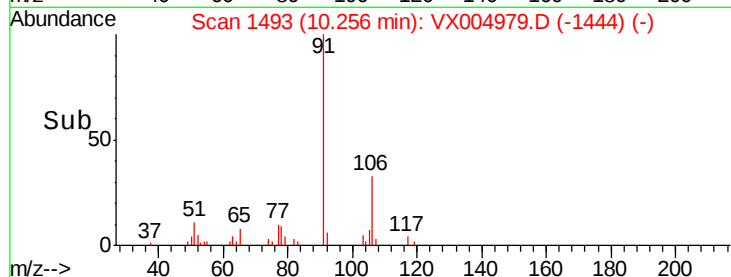
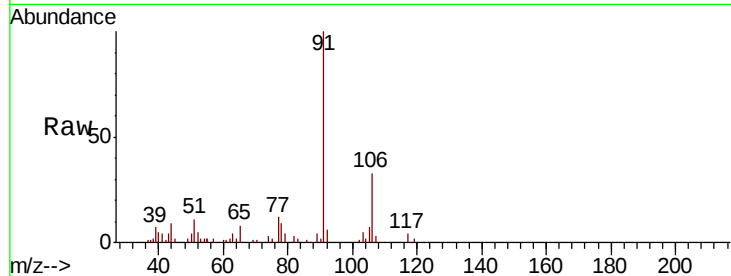
PB113446ZHE#05

Tot Ion: 91 Resp: 7913

Ion Ratio Lower Upper

91 100

106 33.3 26.9 40.3



#68

m/p-Xylenes

Concen: 2.271 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX004979.D

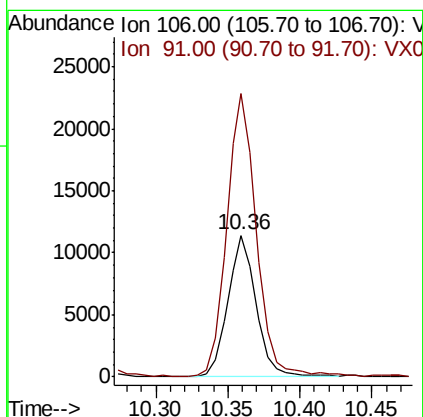
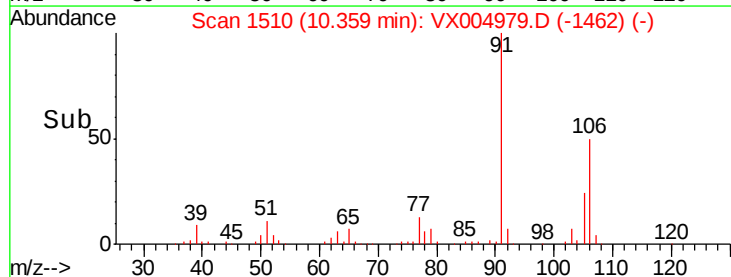
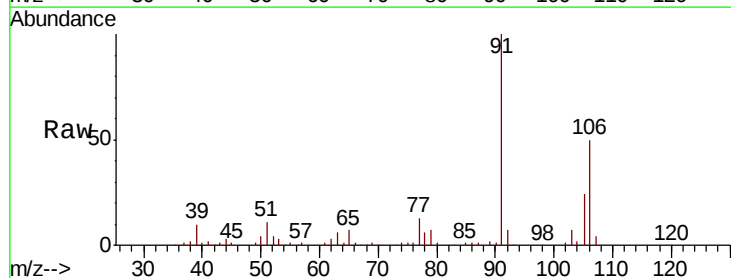
Acq: 03 Oct 2018 19:47

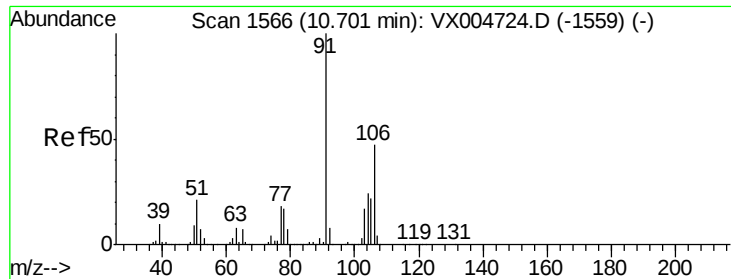
Tgt Ion: 106 Resp: 15732

Ion Ratio Lower Upper

106 100

91 207.1 157.5 236.3

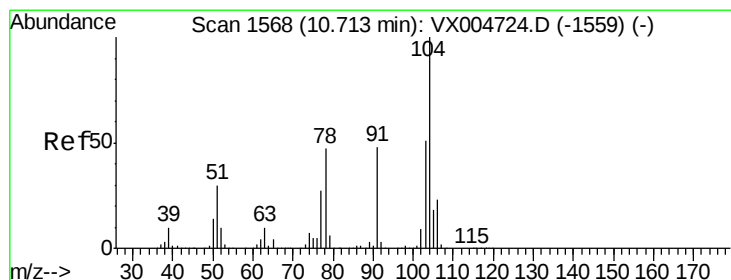
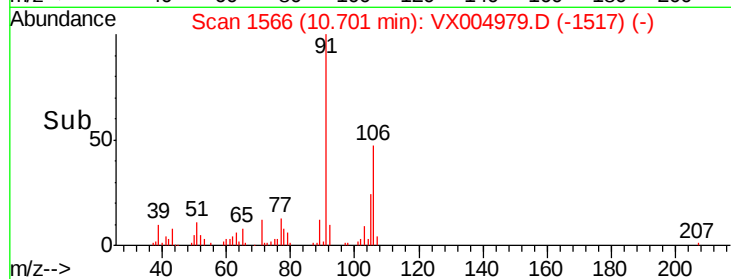
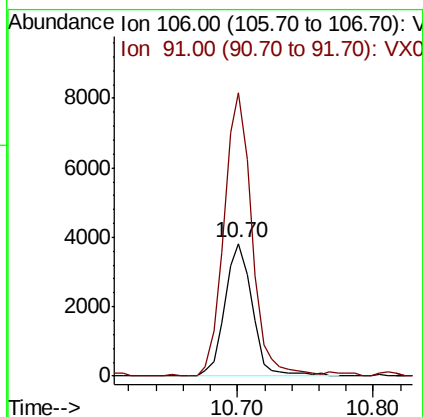
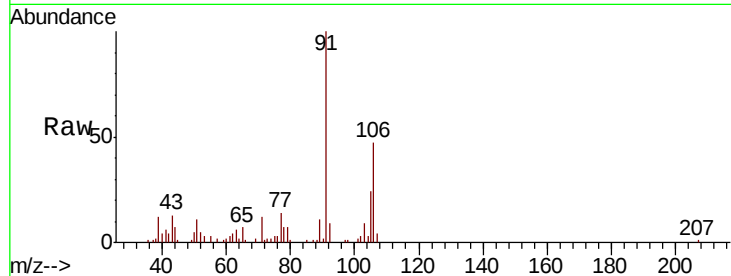




#69
o-Xylene
Concen: 0.842 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004979.D
Acq: 03 Oct 2018 19:47

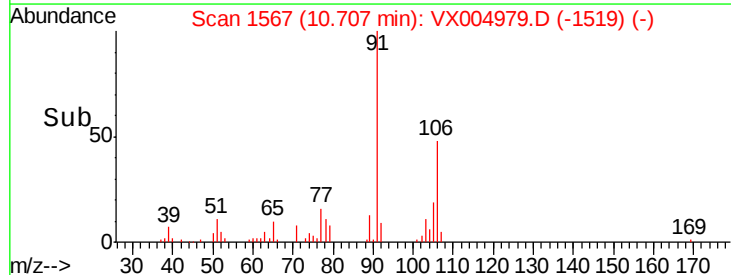
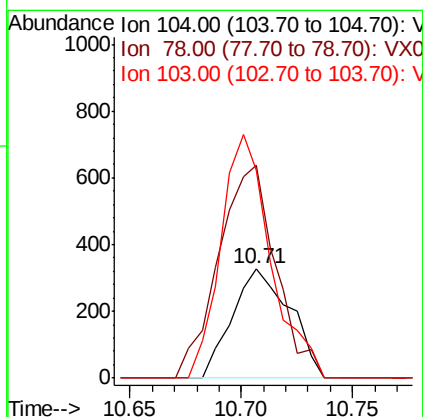
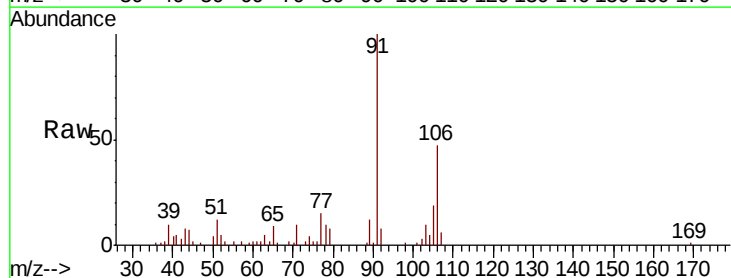
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#05

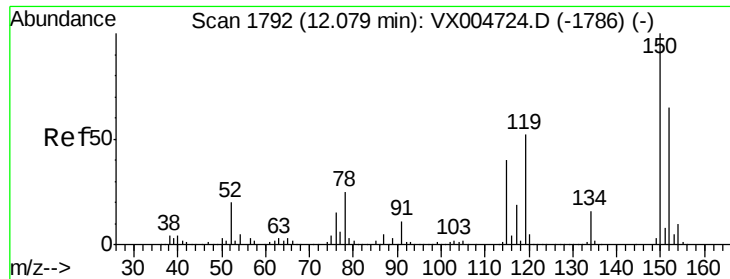
Tot Ion:106 Resp: 5359
Ion Ratio Lower Upper
106 100
91 216.8 108.3 324.8



#70
Styrene
Concen: 2.188 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX004979.D
Acq: 03 Oct 2018 19:47

Tgt Ion:104 Resp: 586
Ion Ratio Lower Upper
104 100
78 195.1 40.0 60.0#
103 193.9 44.3 66.5#



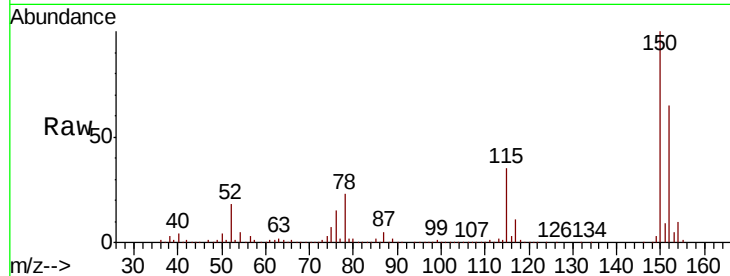


#72

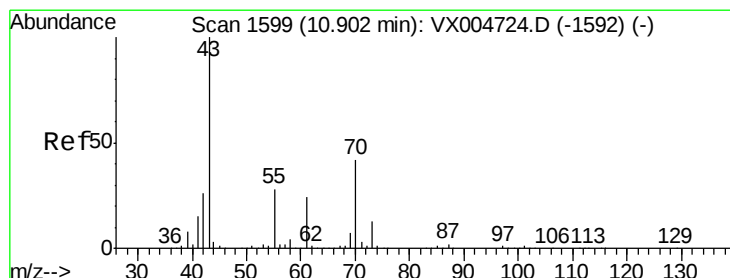
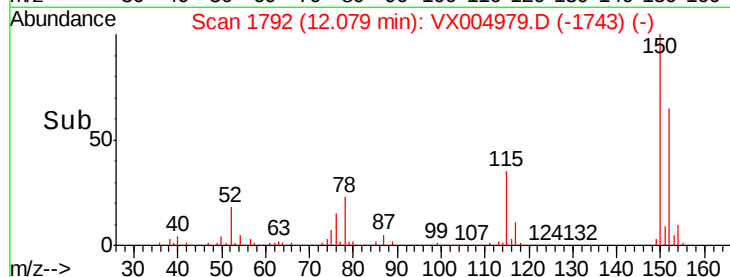
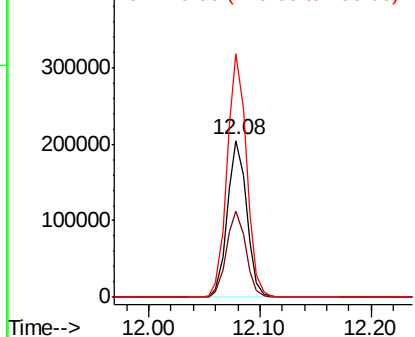
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004979.D
Acq: 03 Oct 2018 19:47

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#05

Tot Ion:152 Resp: 246302
Ion Ratio Lower Upper
152 100
115 55.0 40.2 120.6
150 155.4 0.0 351.0



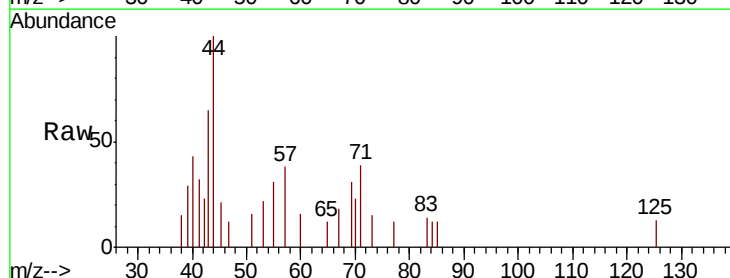
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



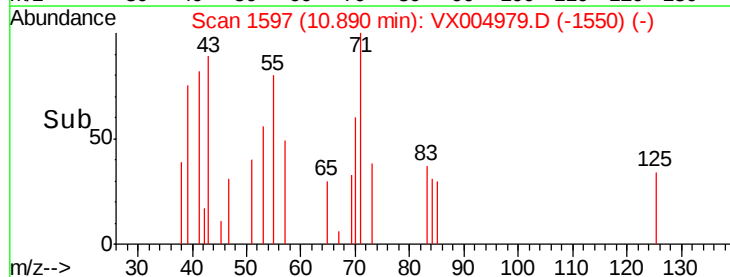
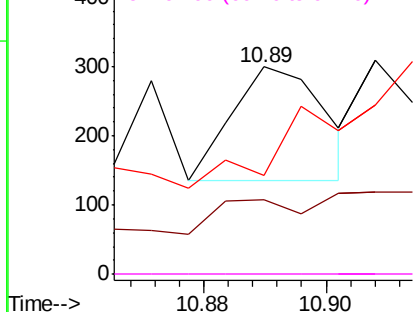
#74

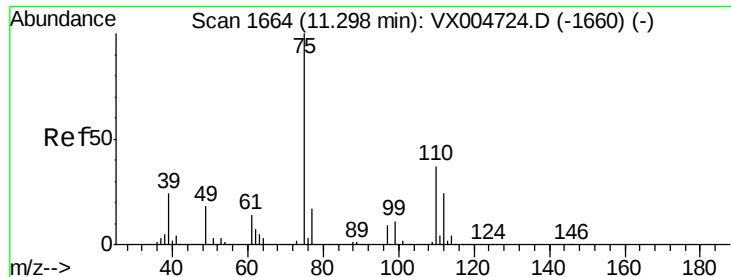
N-ethyl acetate
Concen: 1.767 ug/l
RT: 10.89 min Scan# 1597
Delta R.T. -0.01 min
Lab File: VX004979.D
Acq: 03 Oct 2018 19:47

Tgt Ion: 43 Resp: 172
Ion Ratio Lower Upper
43 100
70 102.9 32.6 48.8#
55 0.0 21.6 32.4#
61 0.0 19.1 28.7#



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

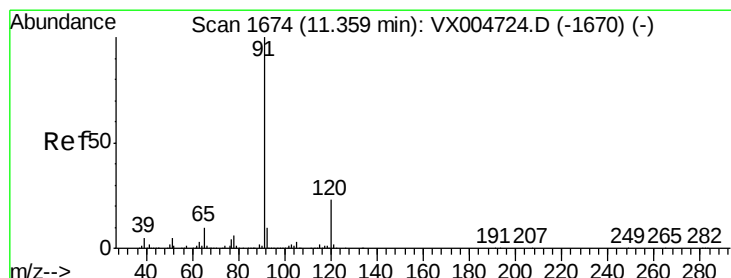
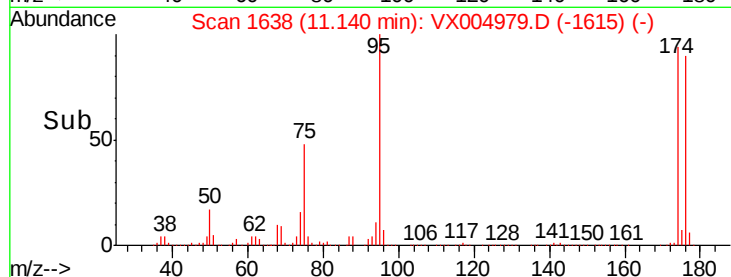
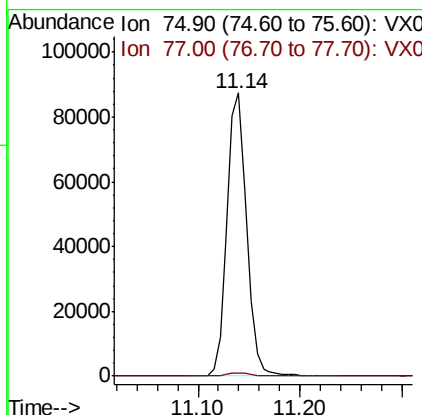
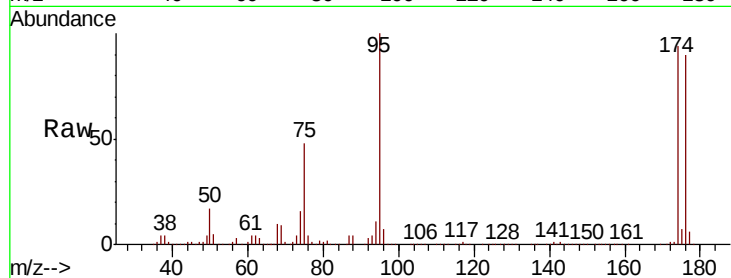




#76
 1,2,3-Trichloropropane
 Concen: 20.987 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX004979.D
 Acq: 03 Oct 2018 19:47

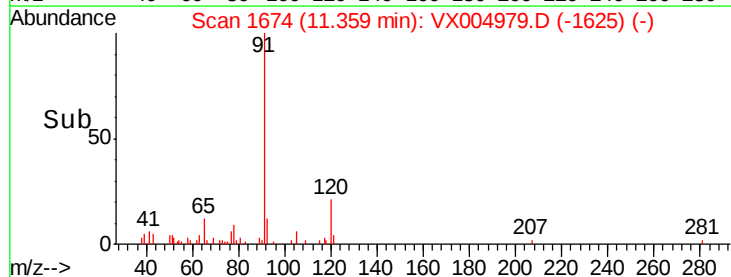
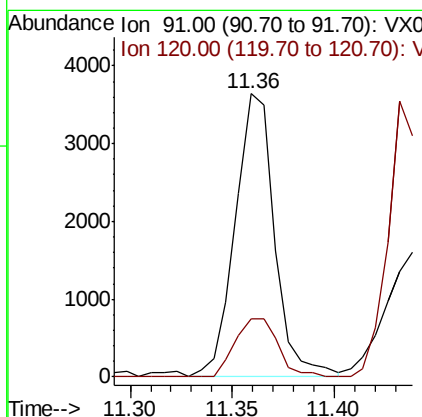
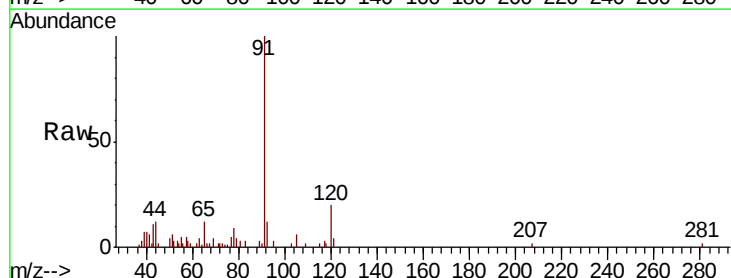
Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#05

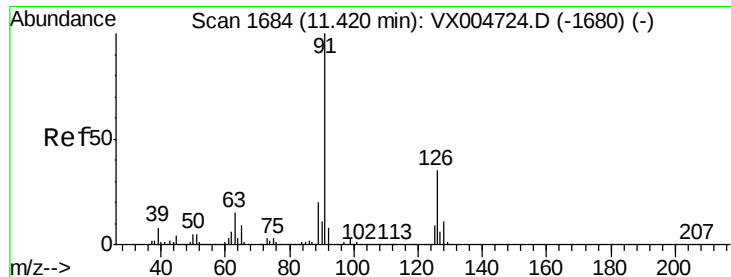
Tot Ion: 75 Resp: 115861
 Ion Ratio Lower Upper
 75 100
 77 1.5 21.4 64.3#



#78
 n-propylbenzene
 Concen: 0.275 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VX004979.D
 Acq: 03 Oct 2018 19:47

Tgt Ion: 91 Resp: 4900
 Ion Ratio Lower Upper
 91 100
 120 22.0 12.0 36.0

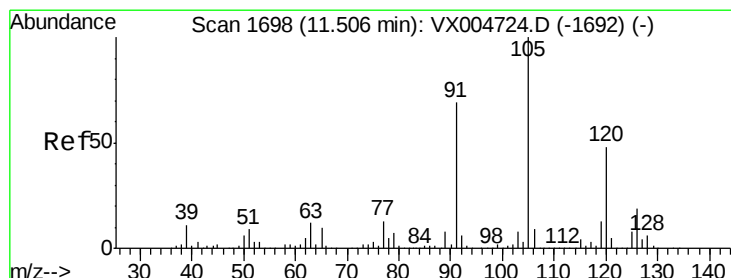
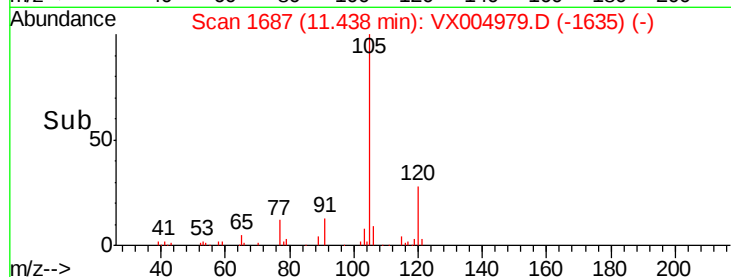
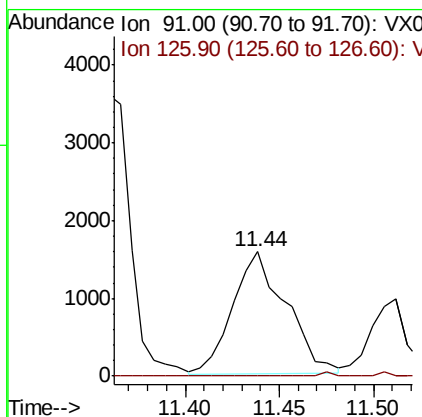
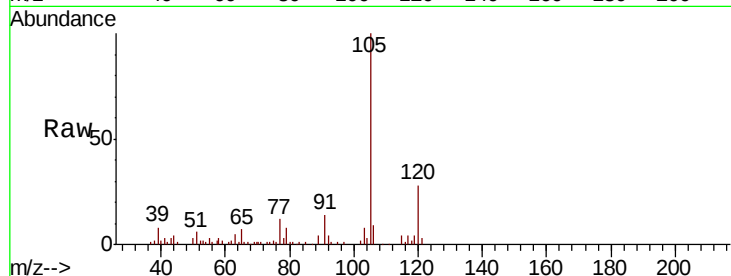




#79
 2-Chlorotoluene
 Concen: 0.277 ug/l
 RT: 11.44 min Scan# 1687
 Delta R.T. 0.02 min
 Lab File: VX004979.D
 Acq: 03 Oct 2018 19:47

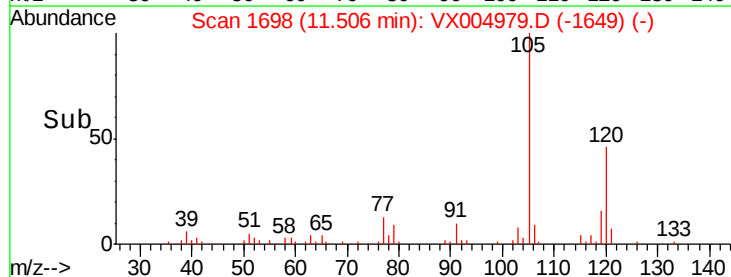
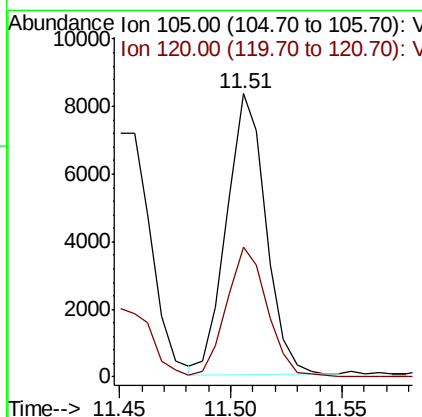
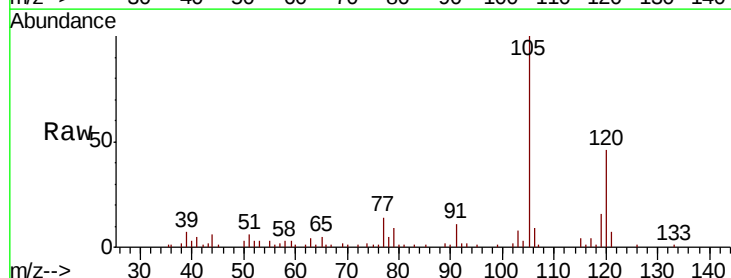
Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#05

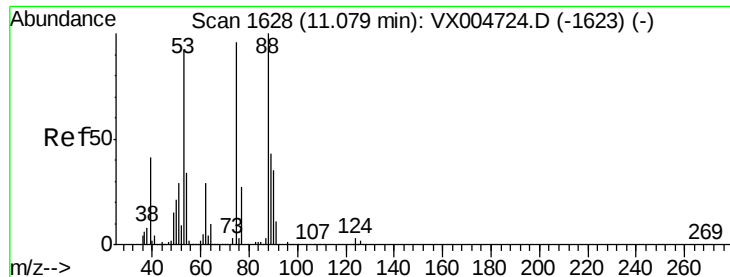
Tot Ion: 91 Resp: 3079
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.6 52.9#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.522 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX004979.D
 Acq: 03 Oct 2018 19:47

Tgt Ion: 105 Resp: 10205
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 56.953 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004979.D

Acq: 03 Oct 2018 19:47

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#05

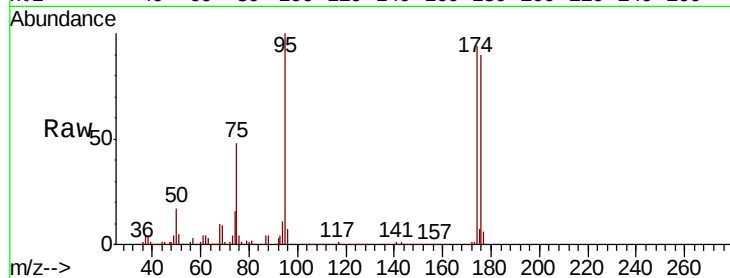
Tot Ion: 75 Resp: 115861

Ion Ratio Lower Upper

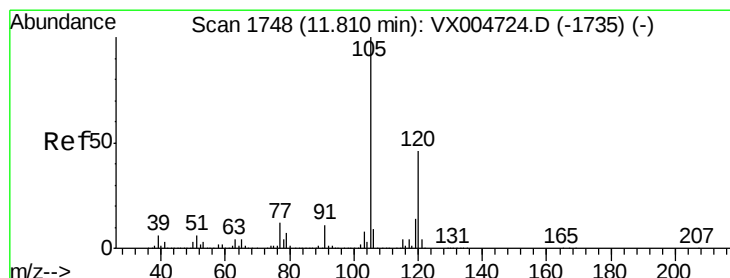
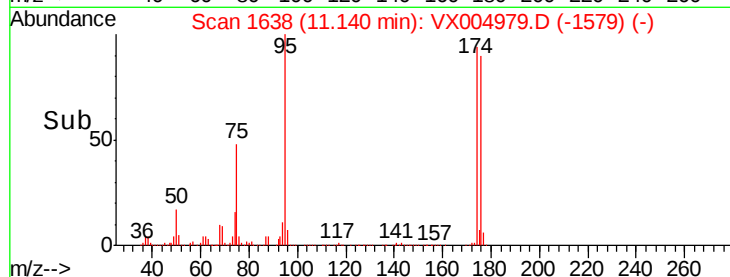
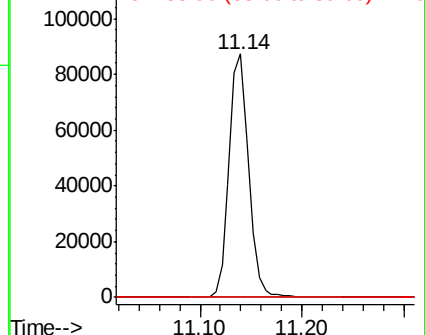
75 100

53 0.2 80.2 120.4#

89 0.0 37.1 55.7#



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: 1.729 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.01 min

Lab File: VX004979.D

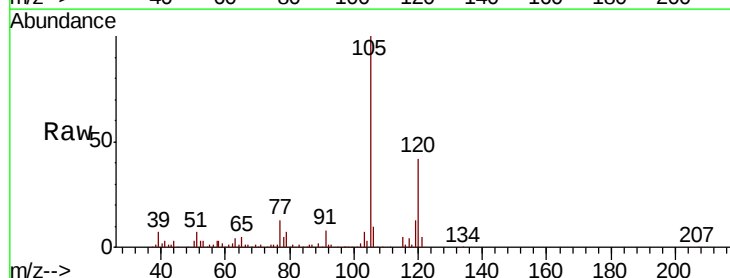
Acq: 03 Oct 2018 19:47

Tgt Ion: 105 Resp: 28175

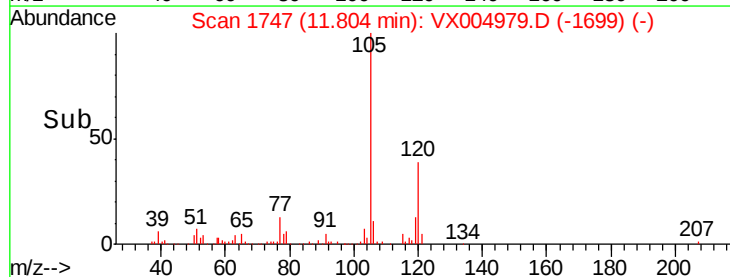
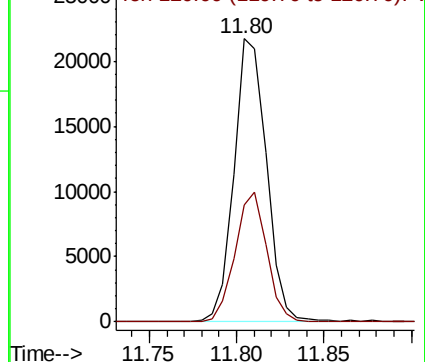
Ion Ratio Lower Upper

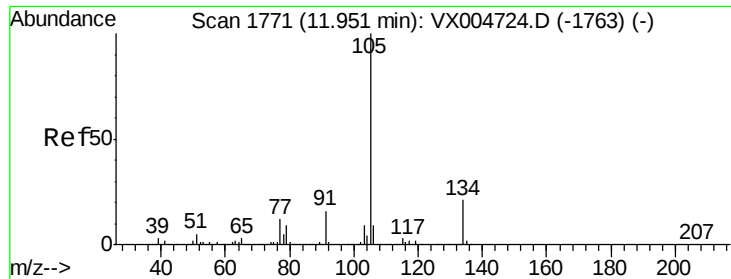
105 100

120 44.9 22.8 68.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

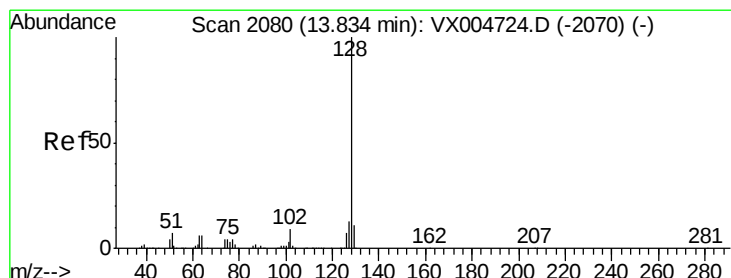
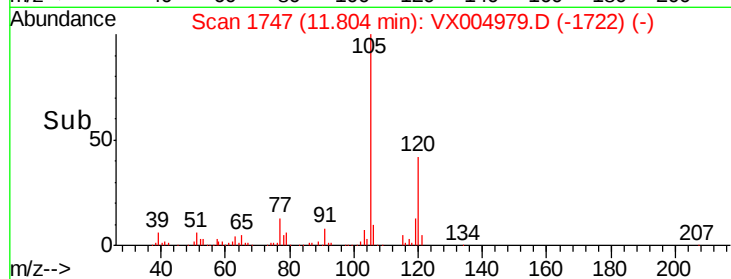
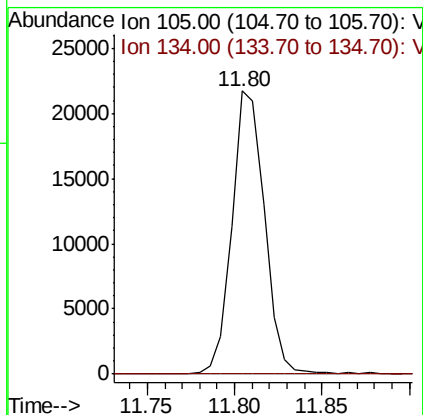
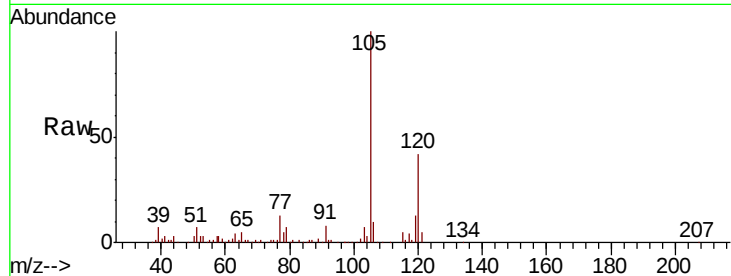




#85
 sec-Butylbenzene
 Concen: 1.810 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.15 min
 Lab File: VX004979.D
 Acq: 03 Oct 2018 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#05

Tot Ion:105 Resp: 28175
 Ion Ratio Lower Upper
 105 100
 134 0.1 10.2 30.4#



#95
 Naphthalene
 Concen: 3.239 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX004979.D
 Acq: 03 Oct 2018 19:47

Tgt Ion:128 Resp: 52375
 Ion Ratio Lower Upper
 128 100
 127 13.9 10.4 15.6
 129 11.4 8.7 13.1

