

Data File : VX000278.D
Acq On : 12 Mar 2018 16:28
Operator : JC/MD
Sample : J1727-01ME
Misc : 5.73g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T-1ME

Quant Time: Mar 14 04:37:47 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	149979	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	250944	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.13	117	269838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	176630	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	95846	46.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.20%	
35) Dibromofluoromethane	5.52	113	68366	43.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.74%	
50) Toluene-d8	8.73	98	319662	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
62) 4-Bromofluorobenzene	11.15	95	137884	54.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.22%	

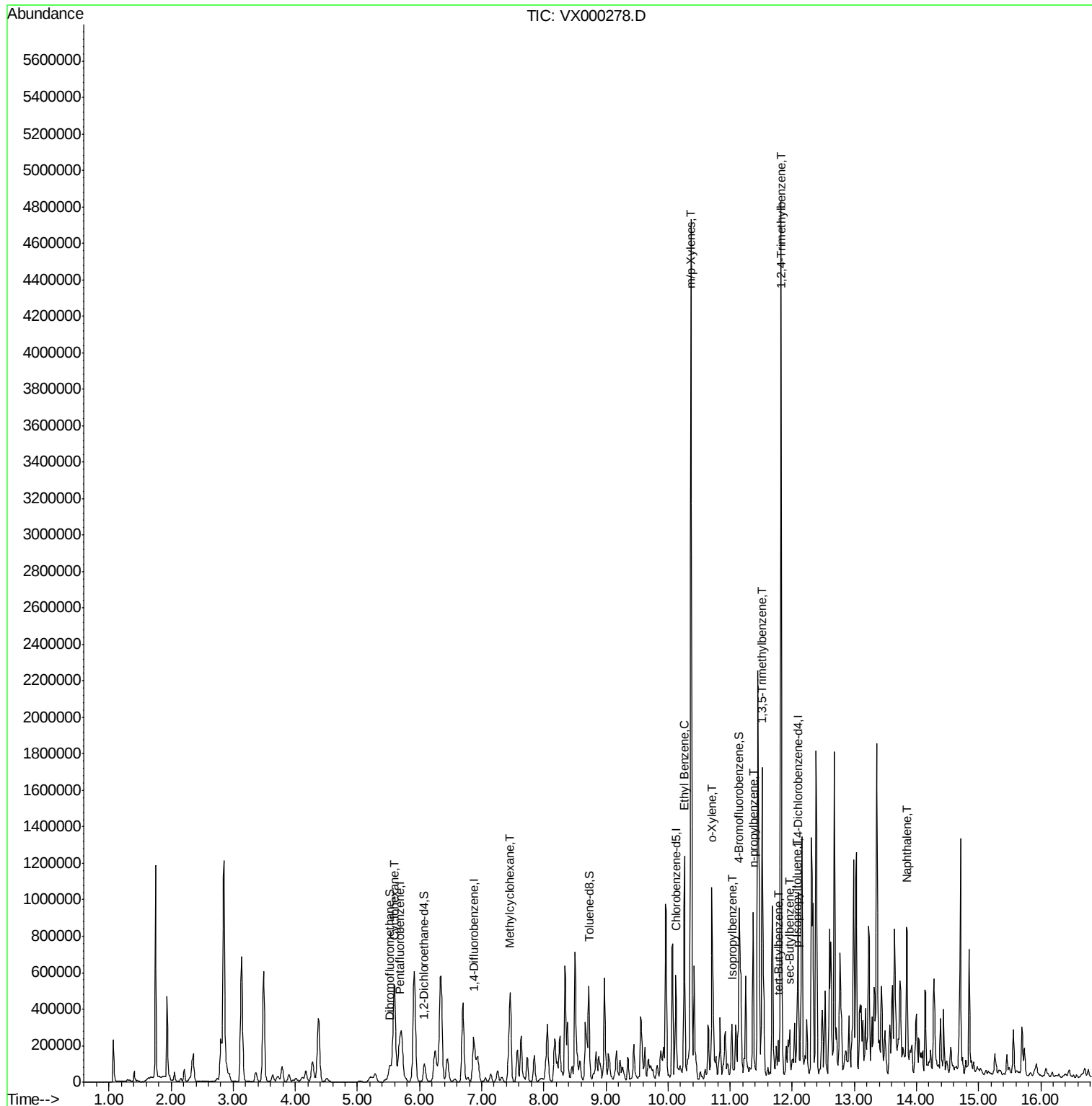
Target Compounds						Qvalue
31) Cyclohexane	5.59	56	149021	65.51	ug/l	# 47
39) Methylcyclohexane	7.46	83	207887	75.88	ug/l	95
67) Ethyl Benzene	10.26	91	690889	72.64	ug/l	100
68) m/p-Xylenes	10.37	106	1210639	330.74	ug/l	97
69) o-Xylene	10.71	106	249969	71.05	ug/l	96
73) Isopropylbenzene	11.03	105	147298	13.32	ug/l	99
78) n-propylbenzene	11.37	91	552508	42.45	ug/l	100
80) 1,3,5-Trimethylbenzene	11.52	105	710976	77.01	ug/l	99
83) tert-Butylbenzene	11.78	119	9375	1.04	ug/l	# 43
84) 1,2,4-Trimethylbenzene	11.82	105	2084216	219.52	ug/l	99
85) sec-Butylbenzene	11.96	105	92294	8.12	ug/l	97
86) p-Isopropyltoluene	12.07	119	47290	4.72	ug/l	98
95) Naphthalene	13.85	128	516055	37.77	ug/l	98

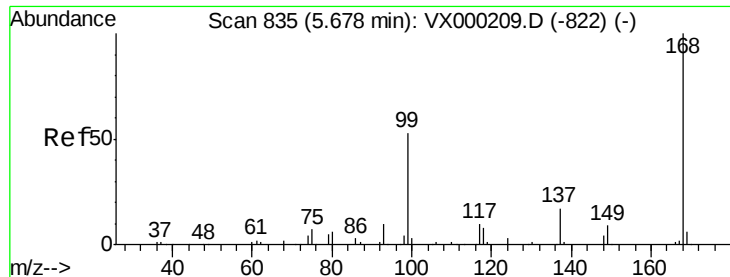
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000278.D

Acq: 12 Mar 2018 16:28

Instrument :

MSVOA_X

ClientSampleId :

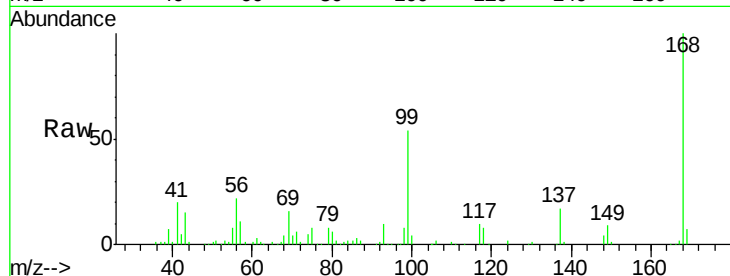
T-1ME

Tgt Ion:168 Resp: 149979

Ion Ratio Lower Upper

168 100

99 53.5 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

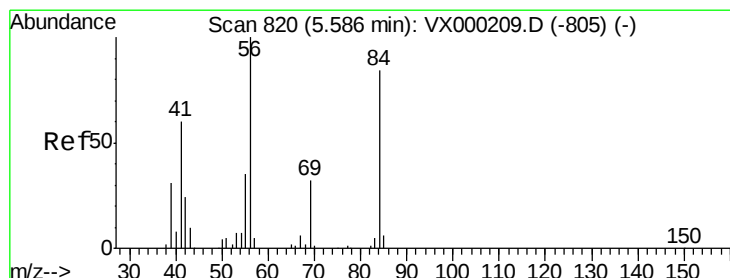
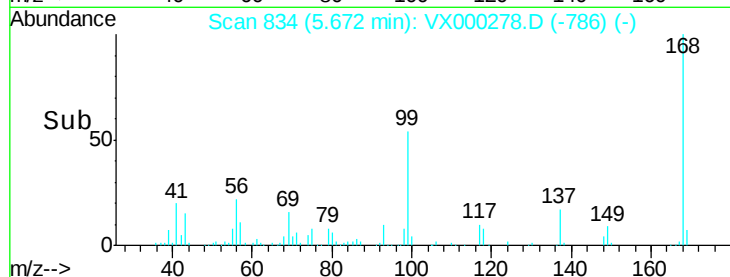
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 65.51 ug/l

RT: 5.59 min Scan# 821

Delta R.T. 0.01 min

Lab File: VX000278.D

Acq: 12 Mar 2018 16:28

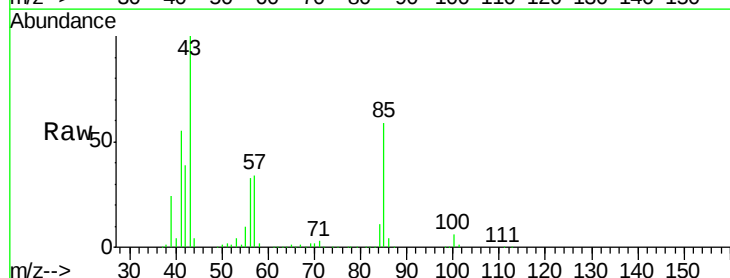
Tgt Ion: 56 Resp: 149021

Ion Ratio Lower Upper

56 100

69 4.8 25.3 37.9#

84 34.0 67.2 100.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

5.59

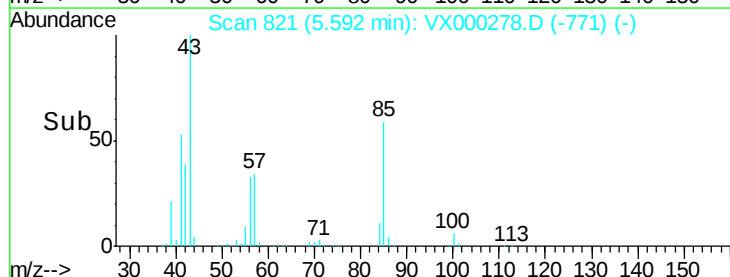
60000

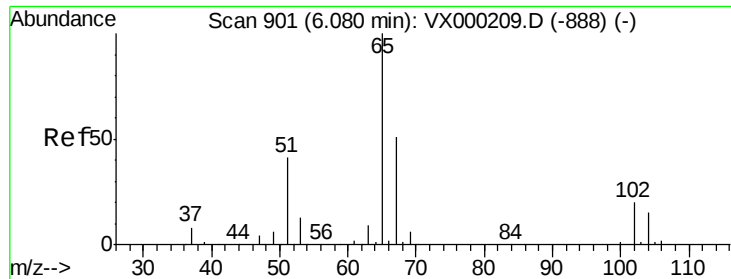
40000

20000

0

Time--> 5.50 5.60 5.70





#33

1,2-Dichloroethane-d4

Concen: 46.10 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000278.D

Acq: 12 Mar 2018 16:28

Instrument :

MSVOA_X

ClientSampleId :

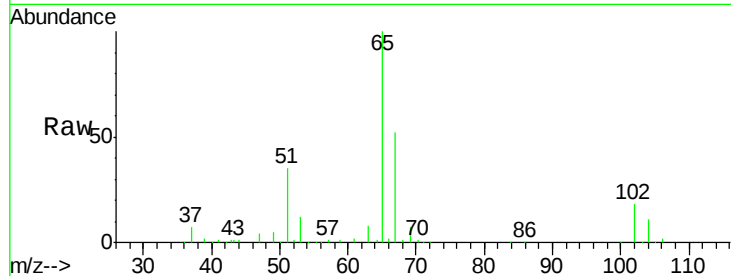
T-1ME

Tgt Ion: 65 Resp: 95846

Ion Ratio Lower Upper

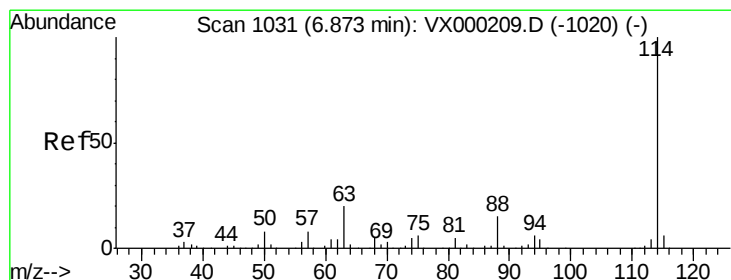
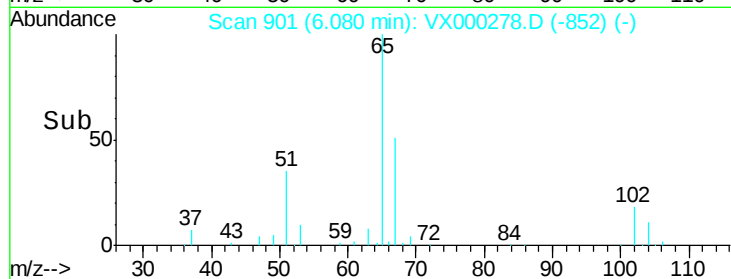
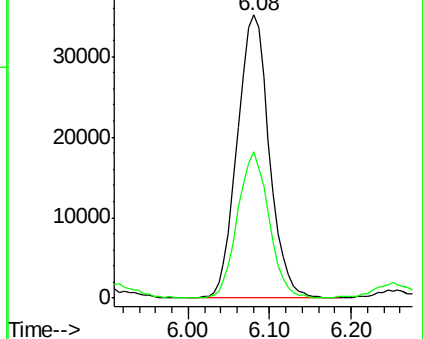
65 100

67 50.6 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VX000209.D (-888) (-)

Ion 66.90 (66.60 to 67.60): VX000209.D (-888) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000278.D

Acq: 12 Mar 2018 16:28

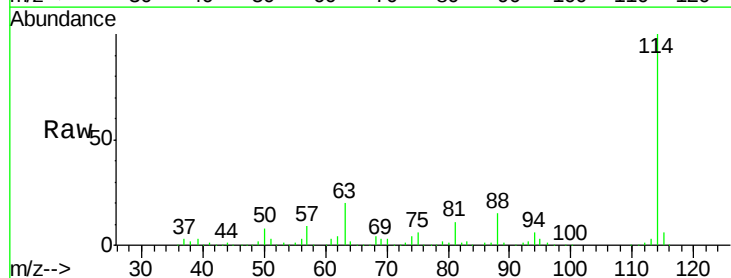
Tgt Ion: 114 Resp: 250944

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.2

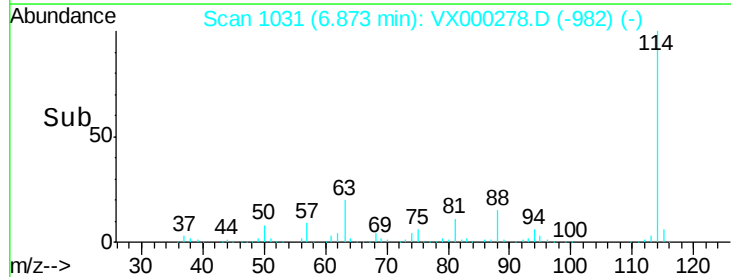
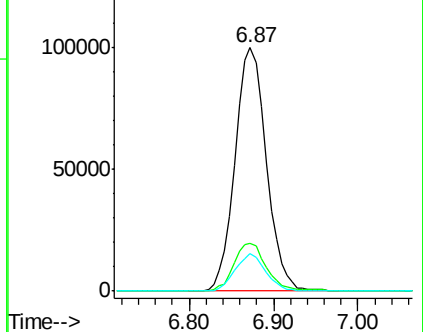
88 15.4 0.0 29.8

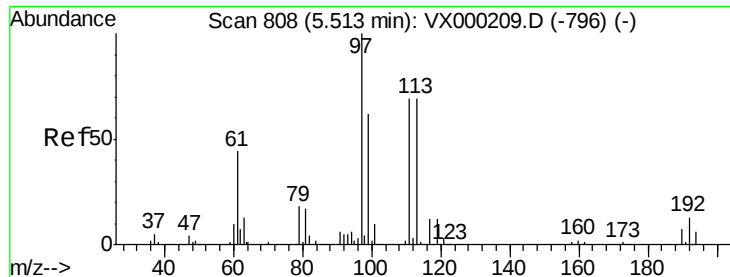


Abundance Ion 113.90 (113.60 to 114.60): VX000209.D (-1020) (-)

Ion 63.00 (62.70 to 63.70): VX000209.D (-1020) (-)

Ion 87.90 (87.60 to 88.60): VX000209.D (-1020) (-)





#35

Dibromofluoromethane

Concen: 43.37 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000278.D

Acq: 12 Mar 2018 16:28

Instrument :

MSVOA_X

ClientSampleId :

T-1ME

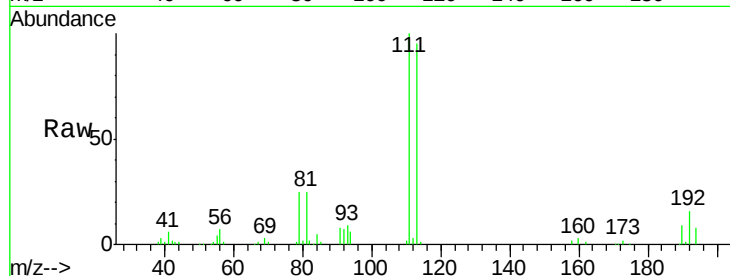
Tgt Ion:113 Resp: 68366

Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.6

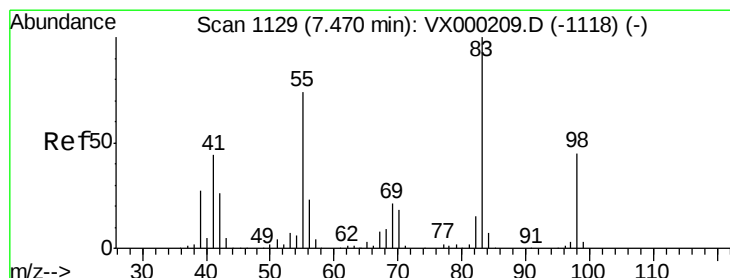
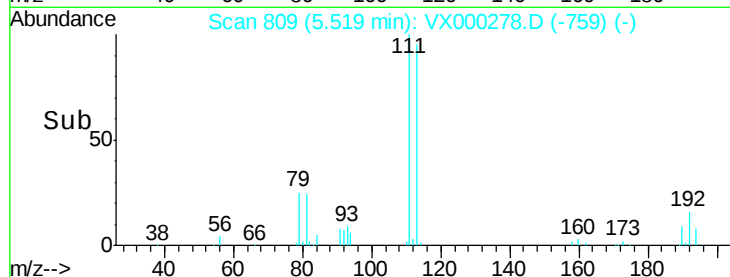
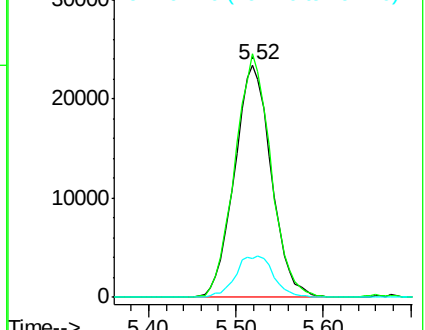
192 18.6 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#39

Methylcyclohexane

Concen: 75.88 ug/l

RT: 7.46 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX000278.D

Acq: 12 Mar 2018 16:28

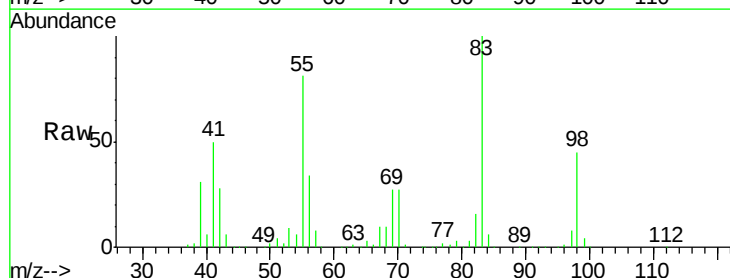
Tgt Ion: 83 Resp: 207887

Ion Ratio Lower Upper

83 100

55 80.6 59.4 89.0

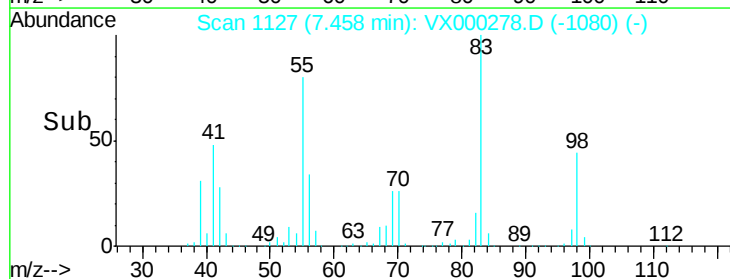
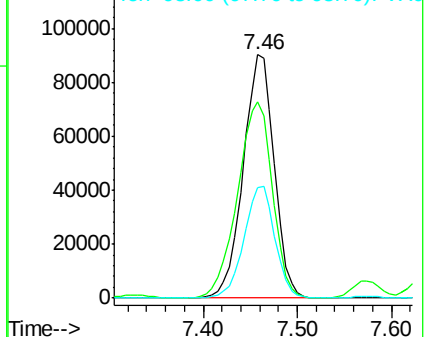
98 45.4 36.3 54.5

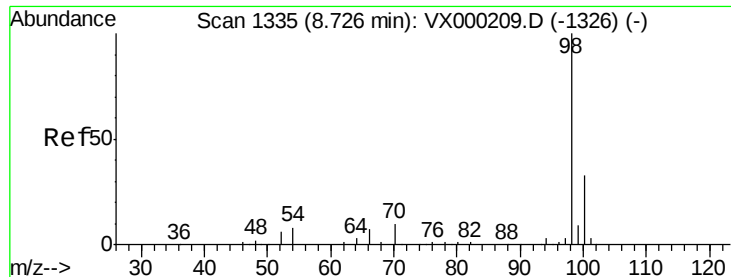


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

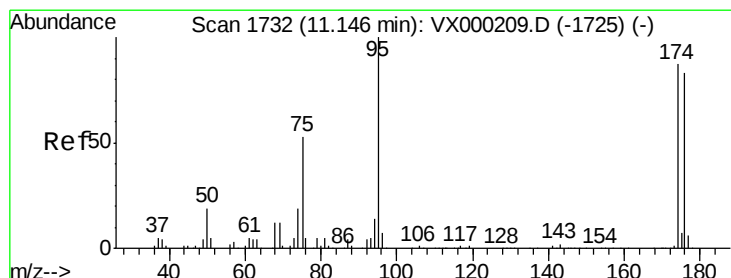
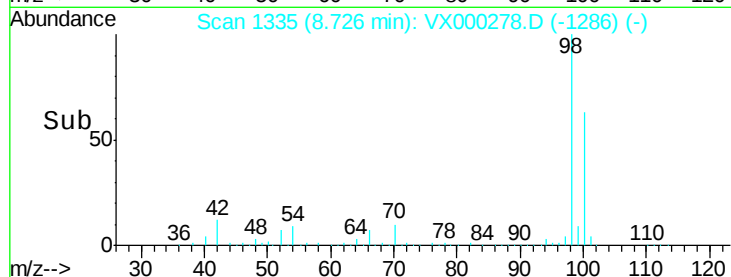
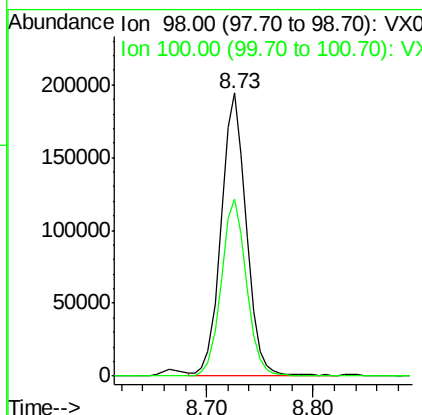
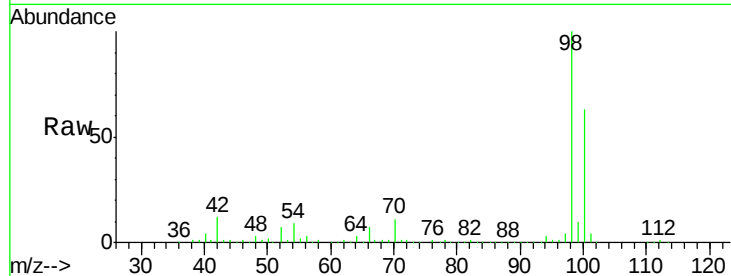




#50
Toluene-d8
Concen: 48.96 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000278.D
Acq: 12 Mar 2018 16:28

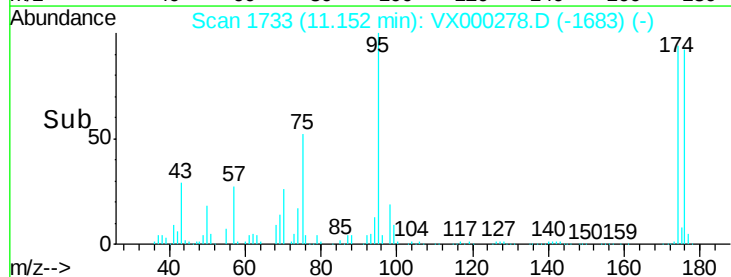
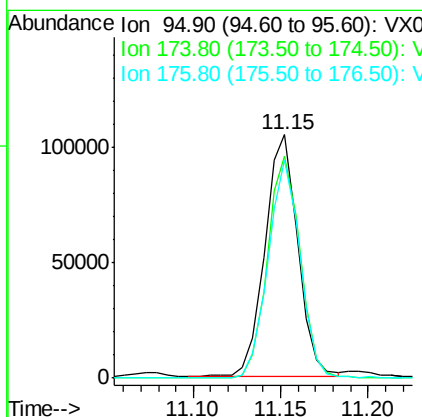
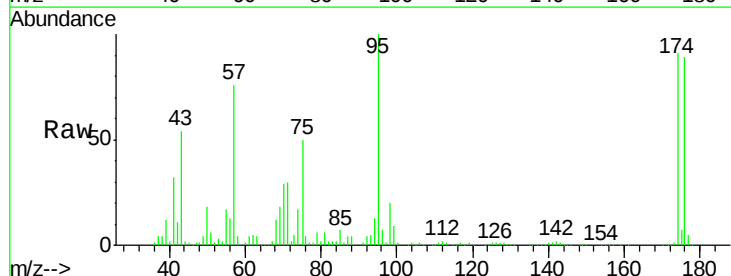
Instrument :
MSVOA_X
ClientSampleId :
T-1ME

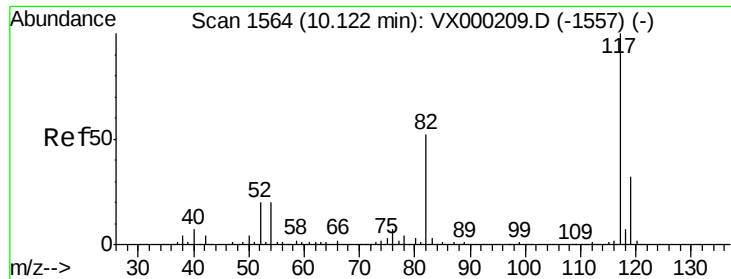
Tgt Ion: 98 Resp: 319662
Ion Ratio Lower Upper
98 100
100 62.8 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 54.11 ug/l
RT: 11.15 min Scan# 1733
Delta R.T. 0.01 min
Lab File: VX000278.D
Acq: 12 Mar 2018 16:28

Tgt Ion: 95 Resp: 137884
Ion Ratio Lower Upper
95 100
174 91.1 0.0 175.6
176 87.4 0.0 171.0

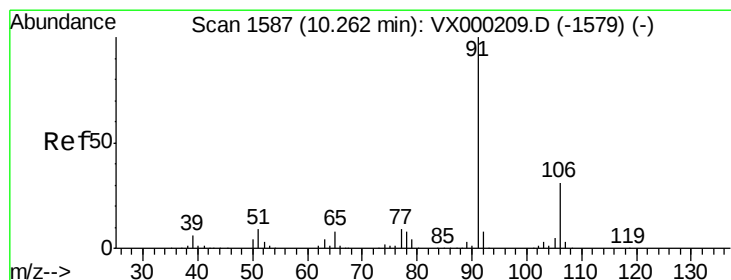
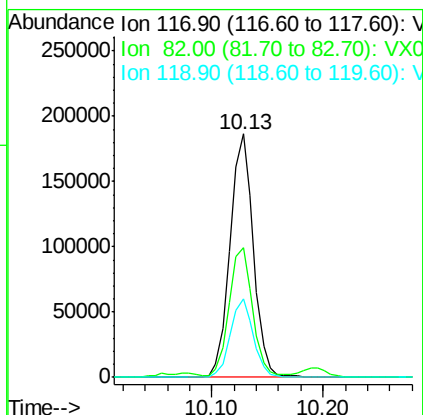
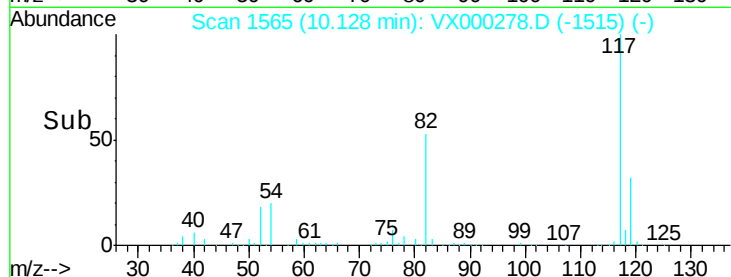
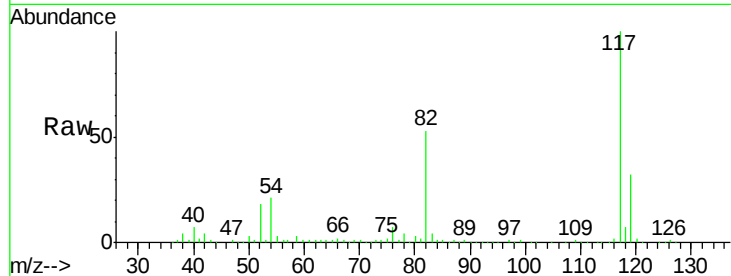




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.13 min Scan# 1565
Delta R.T. 0.01 min
Lab File: VX000278.D
Acq: 12 Mar 2018 16:28

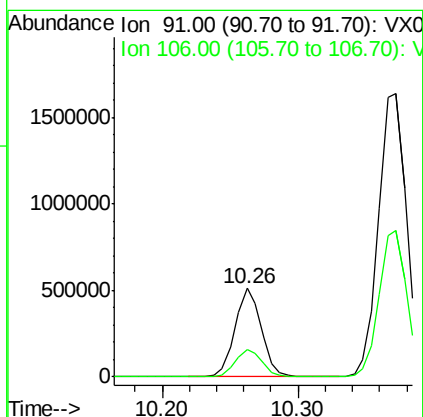
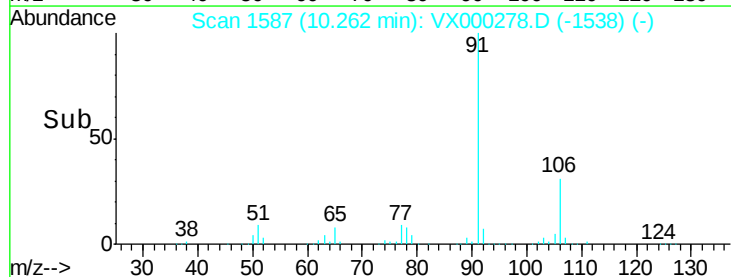
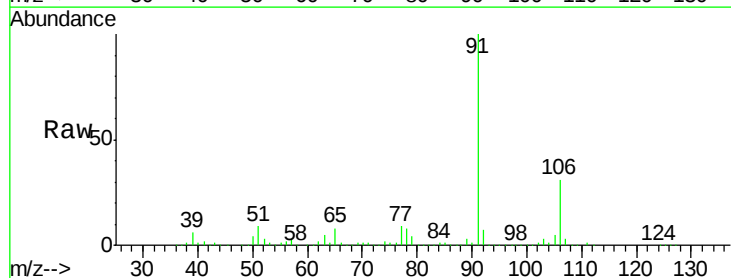
Instrument :
MSVOA_X
ClientSampleId :
T-1ME

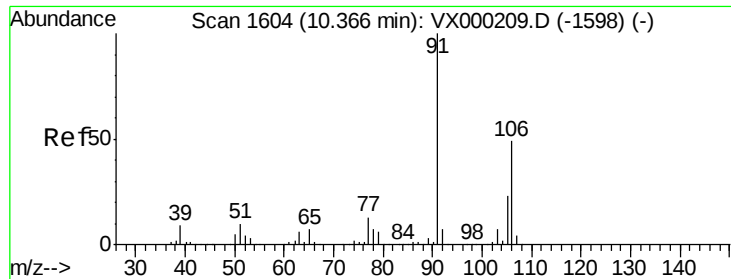
Tgt Ion: 117 Resp: 269838
Ion Ratio Lower Upper
117 100
82 52.5 42.0 63.0
119 32.4 25.3 37.9



#67
Ethyl Benzene
Concen: 72.64 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000278.D
Acq: 12 Mar 2018 16:28

Tgt Ion: 91 Resp: 690889
Ion Ratio Lower Upper
91 100
106 31.4 25.2 37.8

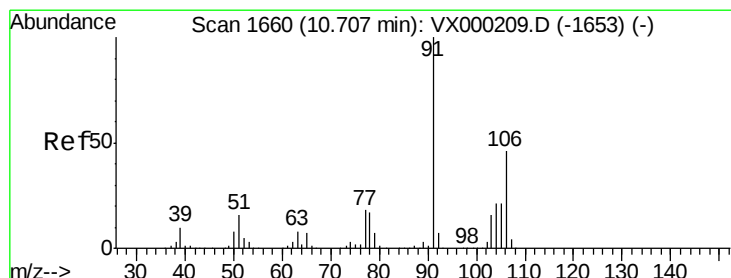
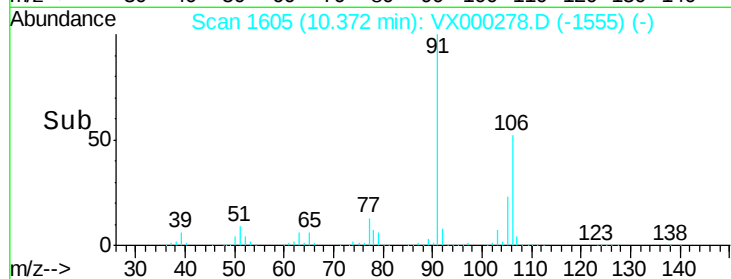
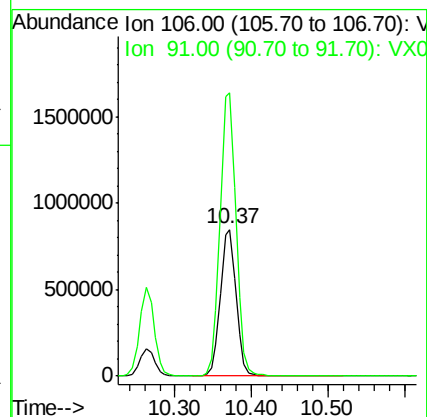
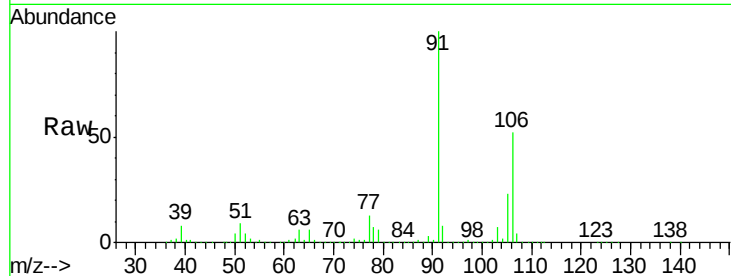




#68
m/p-Xylenes
Concen: 330.74 ug/l
RT: 10.37 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VX000278.D
Acq: 12 Mar 2018 16:28

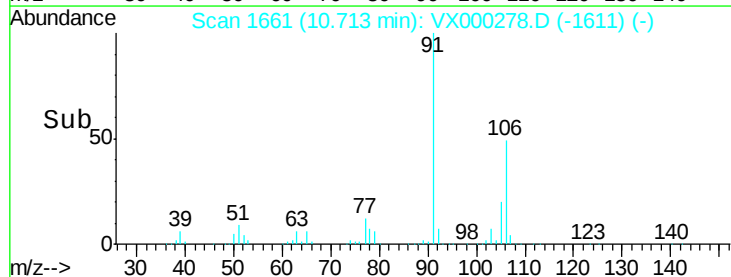
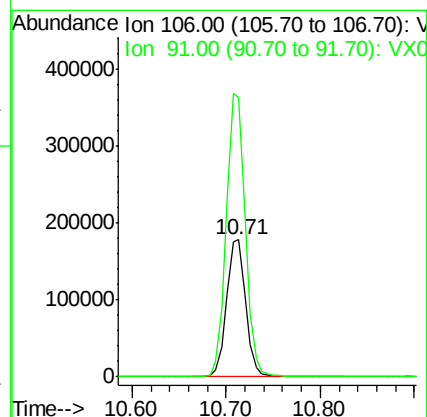
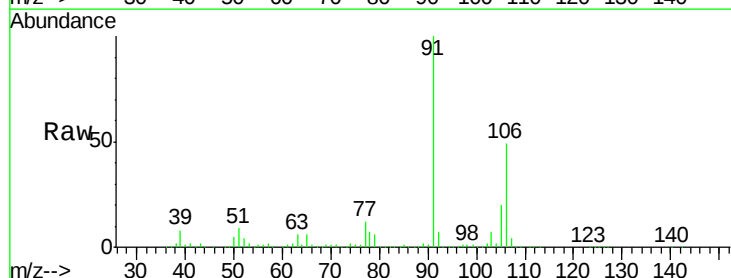
Instrument :
MSVOA_X
ClientSampleId :
T-1ME

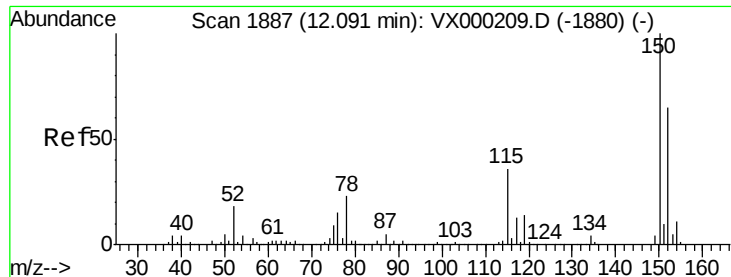
Tgt Ion:106 Resp: 1210639
Ion Ratio Lower Upper
106 100
91 196.2 160.9 241.3



#69
o-Xylene
Concen: 71.05 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.01 min
Lab File: VX000278.D
Acq: 12 Mar 2018 16:28

Tgt Ion:106 Resp: 249969
Ion Ratio Lower Upper
106 100
91 205.9 105.9 317.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VX000278.D

Acq: 12 Mar 2018 16:28

Instrument :

MSVOA_X

ClientSampled :

T-1ME

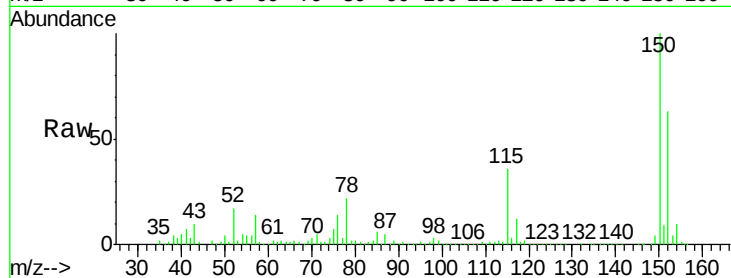
Tgt Ion:152 Resp: 176630

Ion Ratio Lower Upper

152 100

115 57.2 39.8 119.3

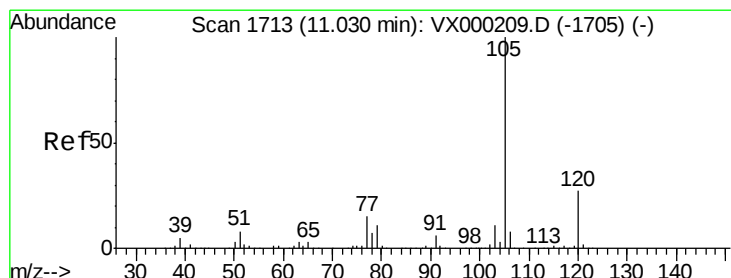
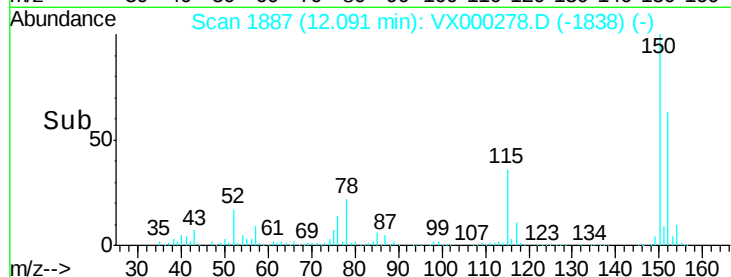
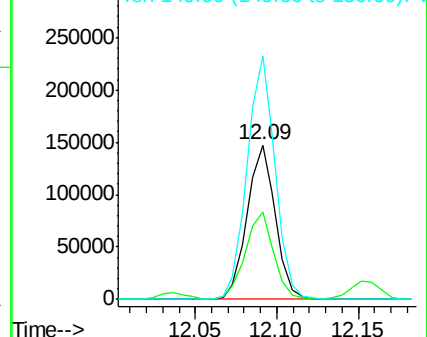
150 157.3 0.0 345.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 13.32 ug/l

RT: 11.03 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VX000278.D

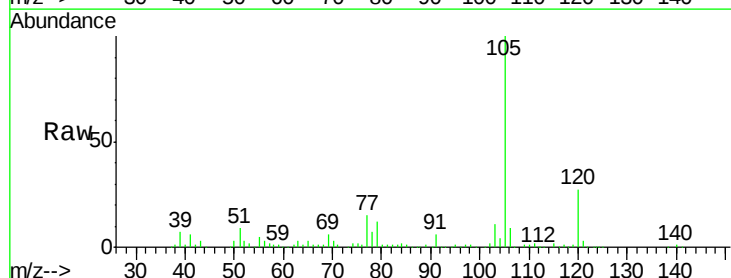
Acq: 12 Mar 2018 16:28

Tgt Ion:105 Resp: 147298

Ion Ratio Lower Upper

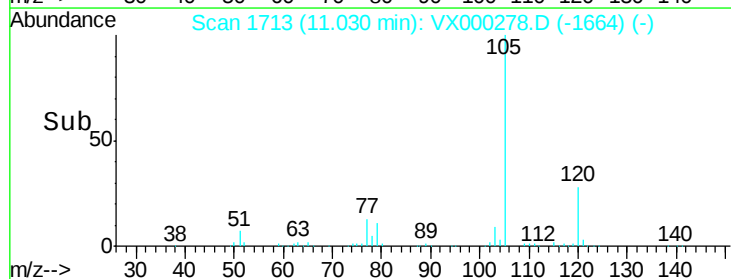
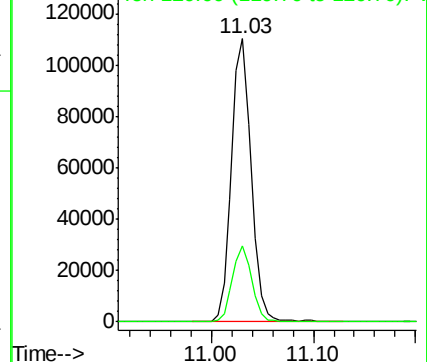
105 100

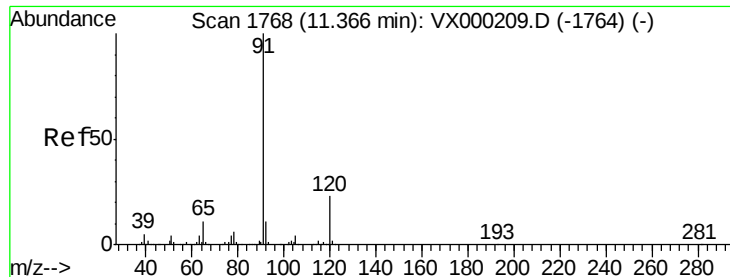
120 26.6 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 42.45 ug/l

RT: 11.37 min Scan# 1769

Delta R.T. 0.01 min

Lab File: VX000278.D

Acq: 12 Mar 2018 16:28

Instrument :

MSVOA_X

ClientSampleId :

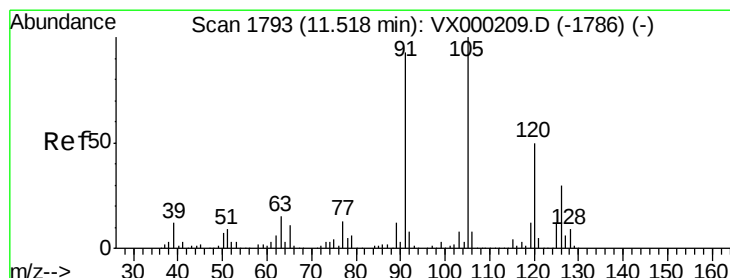
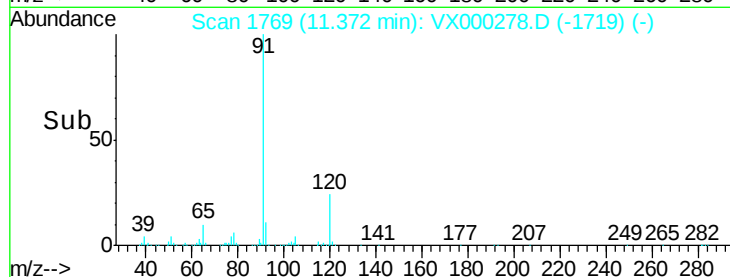
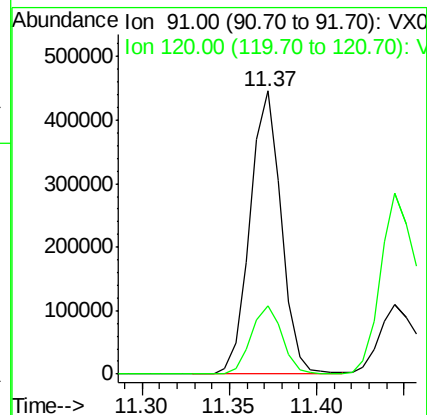
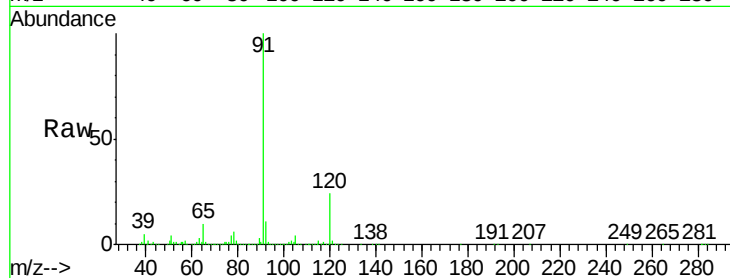
T-1ME

Tgt Ion: 91 Resp: 552508

Ion Ratio Lower Upper

91 100

120 24.2 12.2 36.4



#80

1,3,5-Trimethylbenzene

Concen: 77.01 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000278.D

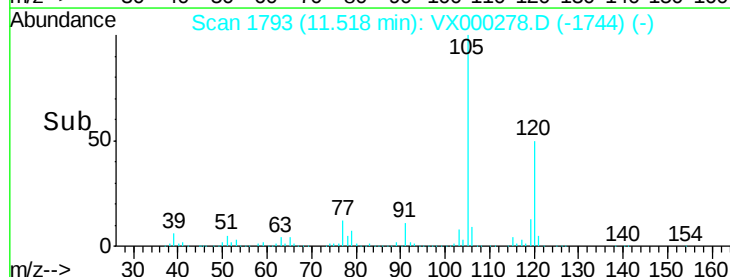
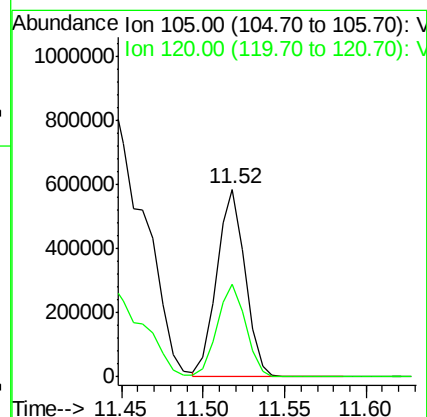
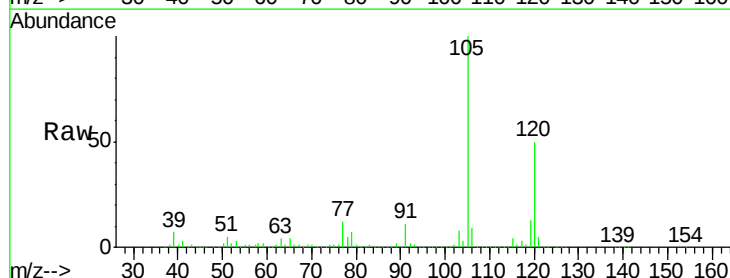
Acq: 12 Mar 2018 16:28

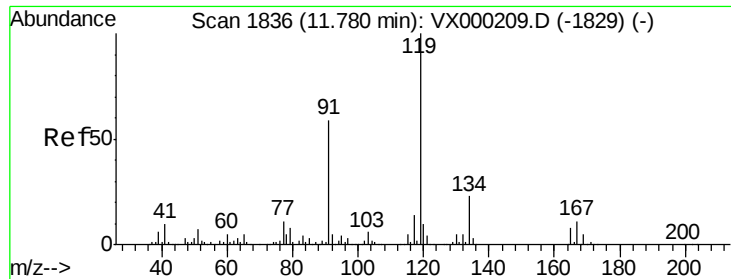
Tgt Ion: 105 Resp: 710976

Ion Ratio Lower Upper

105 100

120 50.1 24.9 74.6

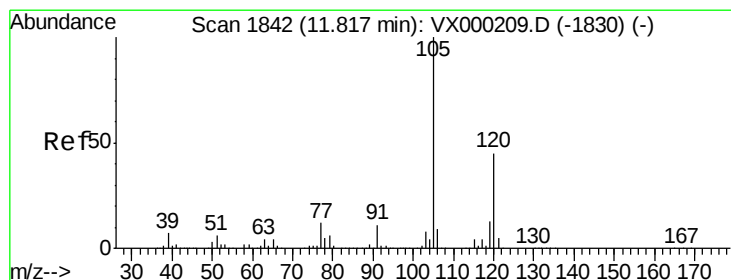
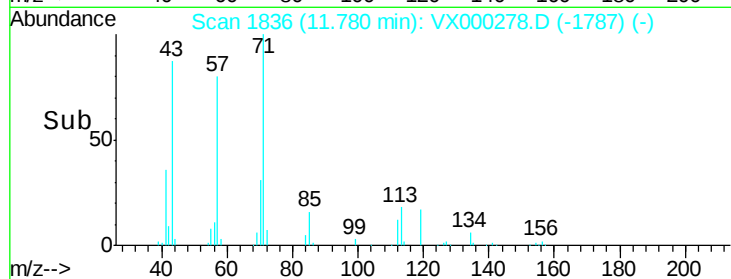
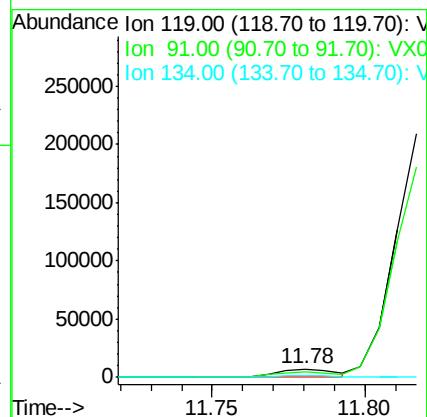
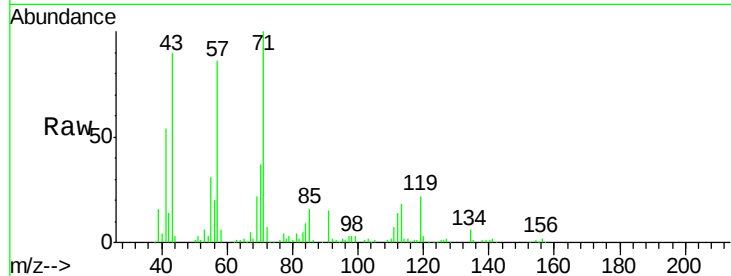




#83
 tert-Butylbenzene
 Concen: 1.04 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000278.D
 Acq: 12 Mar 2018 16:28

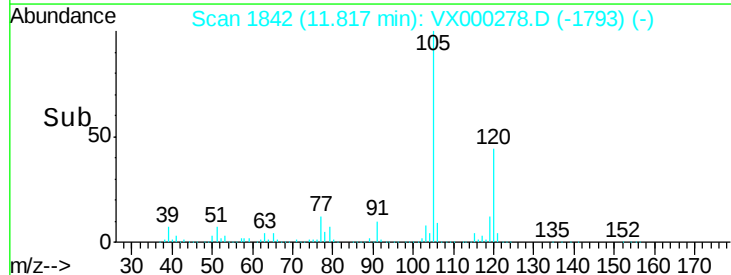
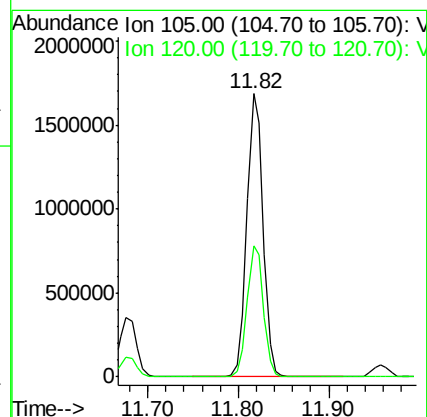
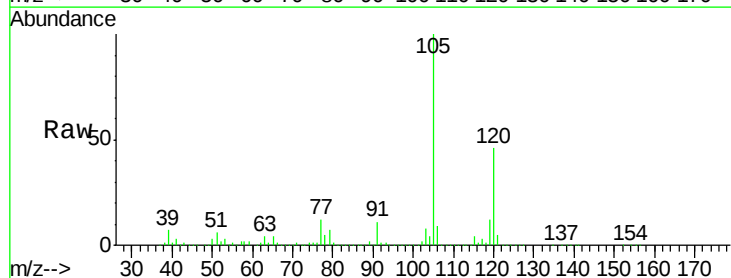
Instrument :
 MSVOA_X
 ClientSampled :
 T-1ME

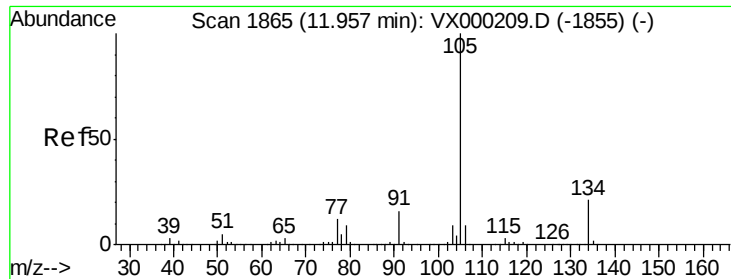
Tgt Ion:119 Resp: 9375
 Ion Ratio Lower Upper
 119 100
 91 0.0 28.9 86.7#
 134 25.3 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 219.52 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000278.D
 Acq: 12 Mar 2018 16:28

Tgt Ion:105 Resp: 2084216
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.0 69.0

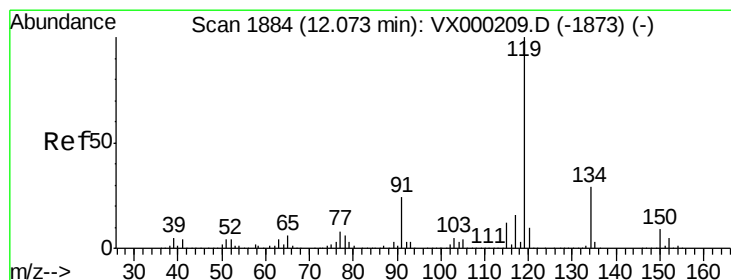
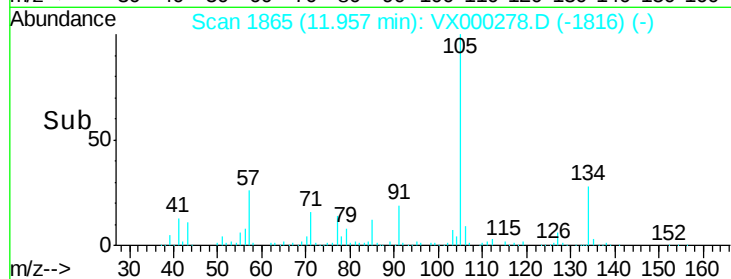
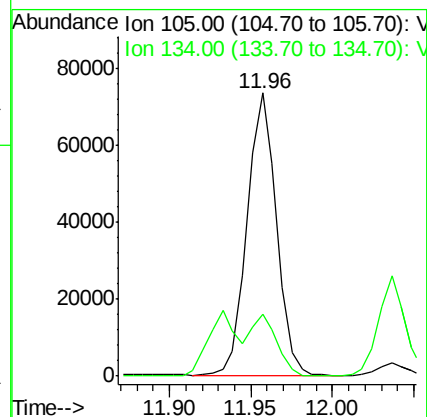
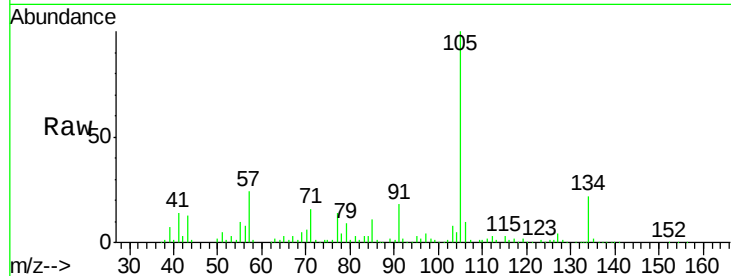




#85
 sec-Butylbenzene
 Concen: 8.12 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000278.D
 Acq: 12 Mar 2018 16:28

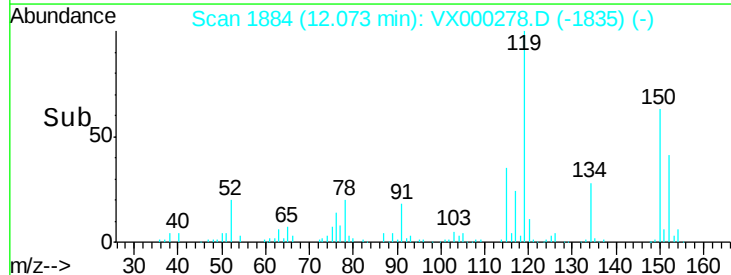
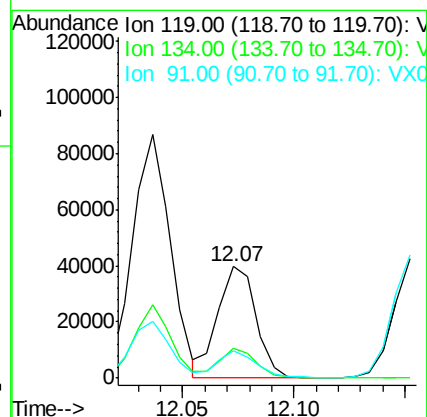
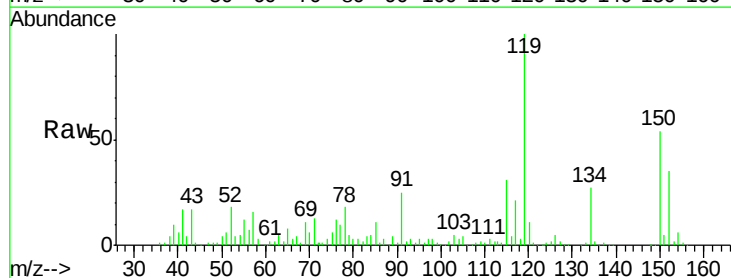
Instrument :
 MSVOA_X
 ClientSampleId :
 T-1ME

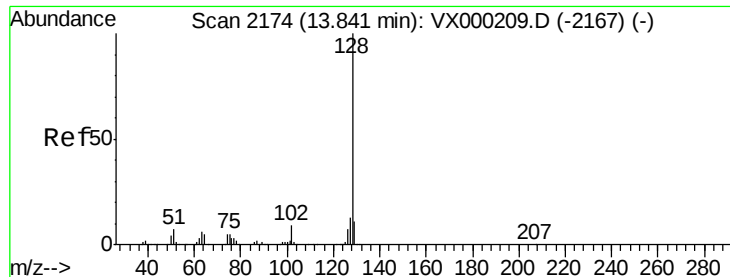
Tgt Ion:105 Resp: 92294
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 4.72 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000278.D
 Acq: 12 Mar 2018 16:28

Tgt Ion:119 Resp: 47290
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.8 41.3
 91 24.2 12.0 36.0





#95
 Naphthalene
 Concen: 37.77 ug/l
 RT: 13.85 min Scan# 2175
 Delta R.T. 0.01 min
 Lab File: VX000278.D
 Acq: 12 Mar 2018 16:28

Instrument :
 MSVOA_X
 ClientSampleId :
 T-1ME

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	11.9	8.6	13.0

