

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031619\
 Data File : VX008150.D
 Acq On : 16 Mar 2019 19:20
 Operator : JC/SP
 Sample : K1960-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-3-9.0-031419

Quant Time: Mar 18 03:13:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	319028	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	430116	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	373004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182089	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	139285	43.28	ug/l	0.00
Spiked Amount			Recovery	=	86.56%	
35) Dibromofluoromethane	5.50	113	128334	47.05	ug/l	0.00
Spiked Amount			Recovery	=	94.10%	
50) Toluene-d8	8.71	98	496073	47.82	ug/l	0.00
Spiked Amount			Recovery	=	95.64%	
62) 4-Bromofluorobenzene	11.13	95	172210	46.34	ug/l	0.00
Spiked Amount			Recovery	=	92.68%	

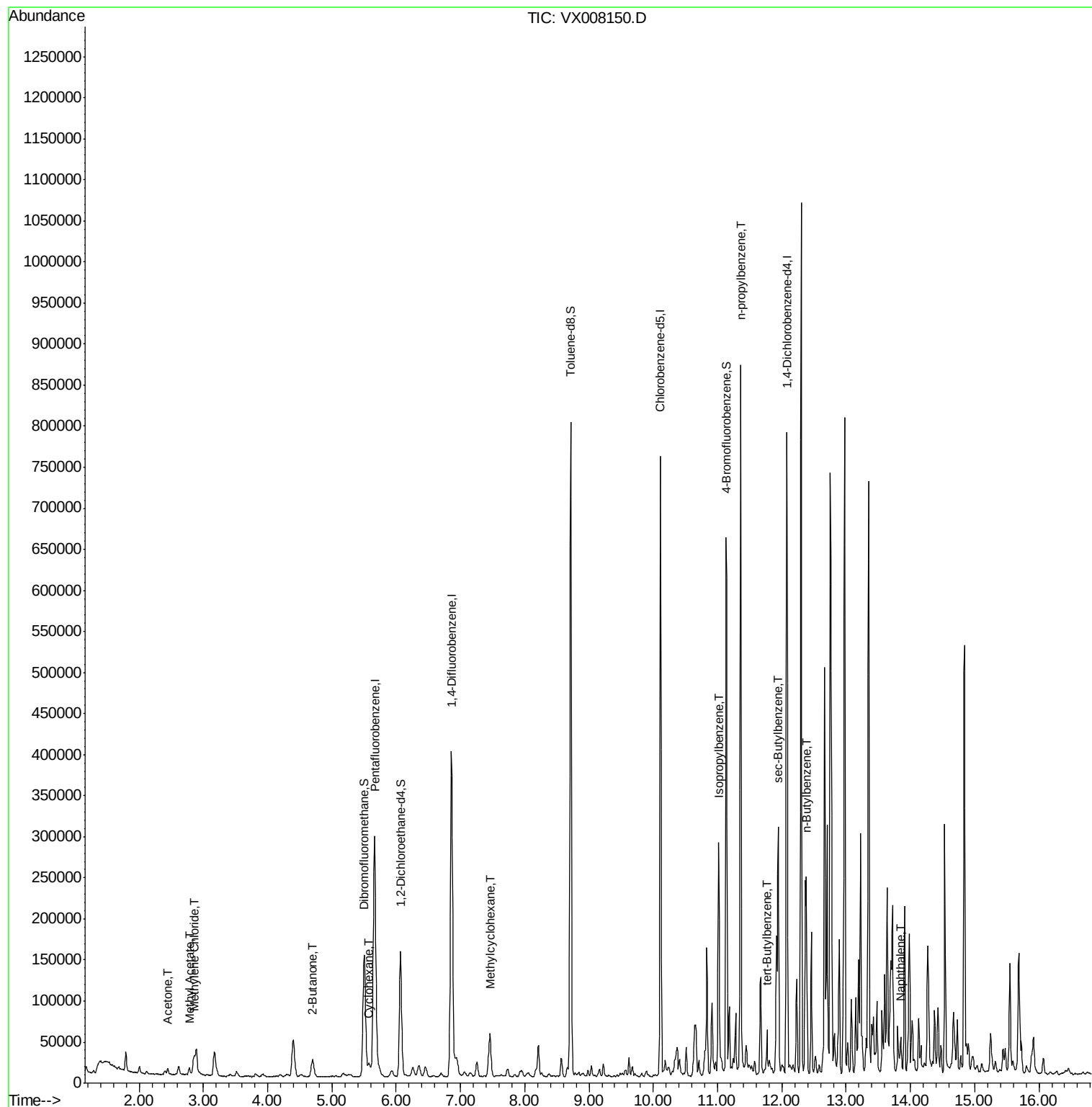
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	7600	5.002	ug/l	98
18) Methyl Acetate	2.78	43	8935	2.721	ug/l #	90
20) Methylene Chloride	2.86	84	6755	2.489	ug/l #	85
25) 2-Butanone	4.69	43	39422	16.904	ug/l	99
31) Cyclohexane	5.57	56	10372	2.254	ug/l	91
39) Methylcyclohexane	7.46	83	22562	4.988	ug/l	95
73) Isopropylbenzene	11.02	105	152251	13.055	ug/l	100
78) n-propylbenzene	11.36	91	529343	41.370	ug/l	99
83) tert-Butylbenzene	11.77	119	19213	1.995	ug/l	89
85) sec-Butylbenzene	11.94	105	158118	13.780	ug/l	96
89) n-Butylbenzene	12.38	91	106860	12.306	ug/l #	83
95) Naphthalene	13.83	128	12467	1.114	ug/l #	94

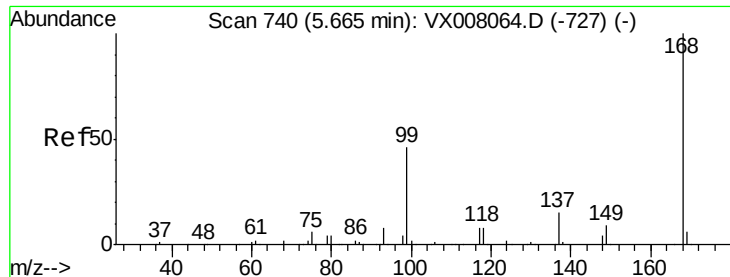
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031619\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 03:56:35 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008150.D

Acq: 16 Mar 2019 19:20

Instrument :

MSVOA_X

ClientSampleId :

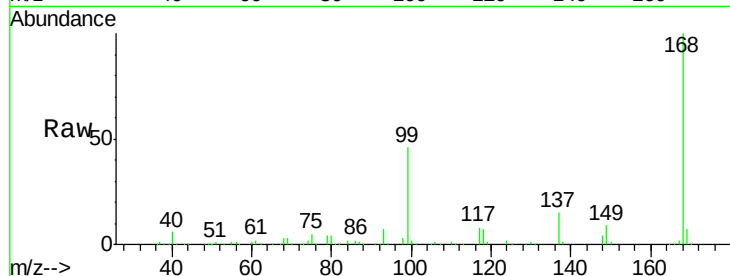
T3-MW-3-9.0-031419

Tot Ion:168 Resp: 319028

Ion Ratio Lower Upper

168 100

99 45.7 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VX008150.D (-691) (-)

Ion 98.90 (98.60 to 99.60): VX008150.D (-691) (-)

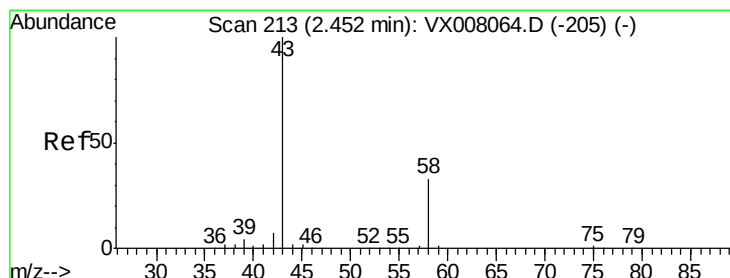
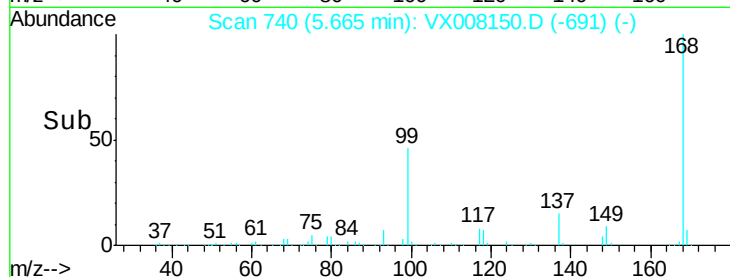
5.67

100000

50000

0

Time-->



#16

Acetone

Concen: 5.002 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008150.D

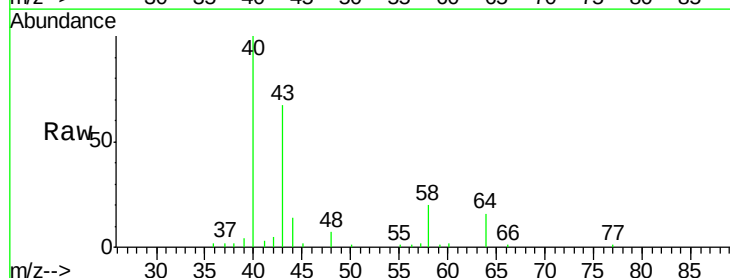
Acq: 16 Mar 2019 19:20

Tgt Ion: 43 Resp: 7600

Ion Ratio Lower Upper

43 100

58 31.0 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX008150.D (-164) (-)

Ion 58.00 (57.70 to 58.70): VX008150.D (-164) (-)

2.45

5000

4000

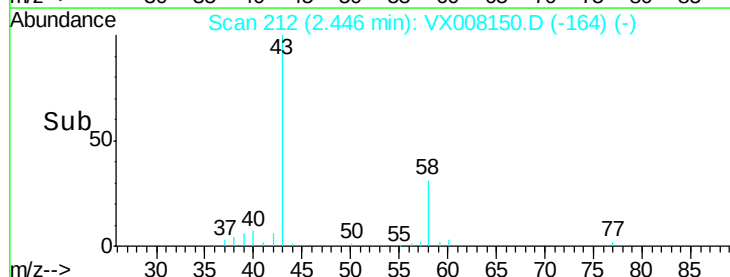
3000

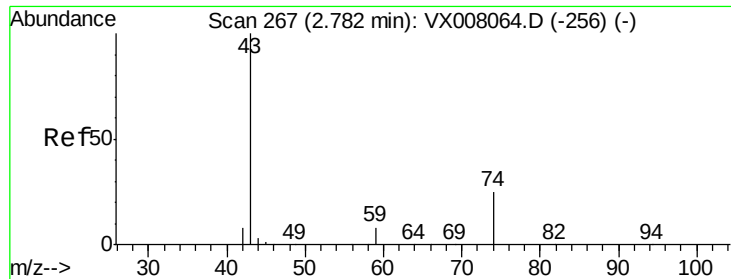
2000

1000

0

Time-->

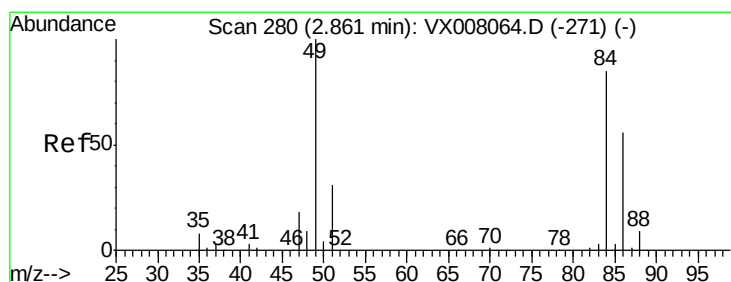
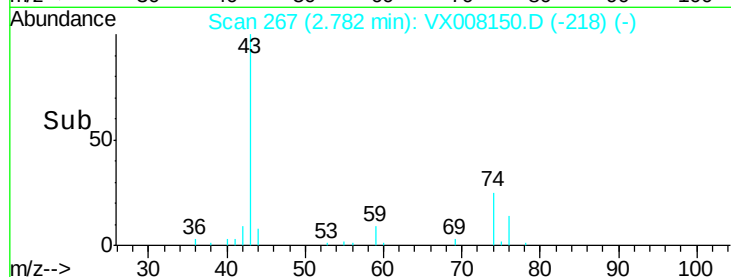
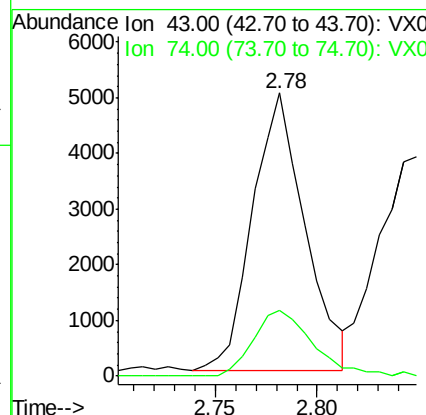
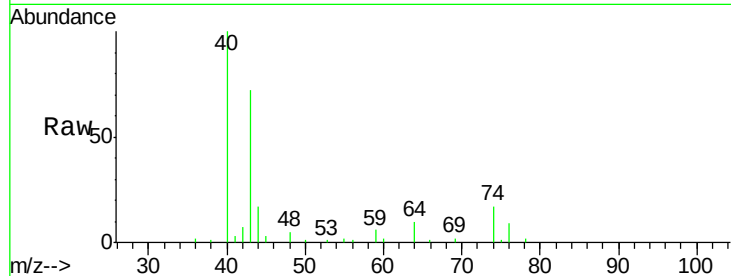




#18
Methyl Acetate
Concen: 2.721 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX008150.D
Acq: 16 Mar 2019 19:20

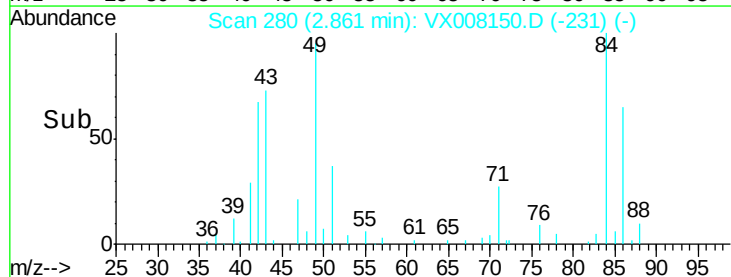
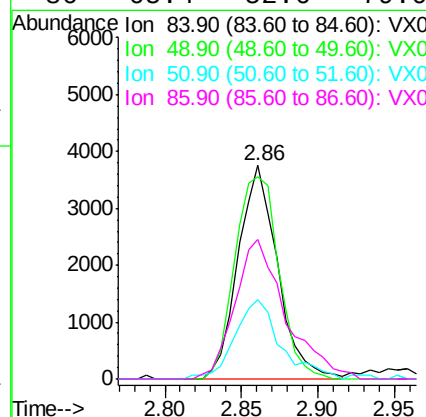
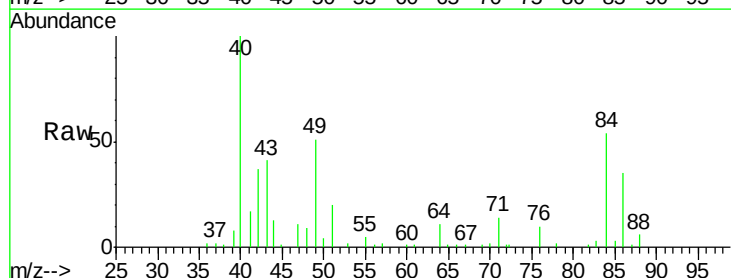
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-031419

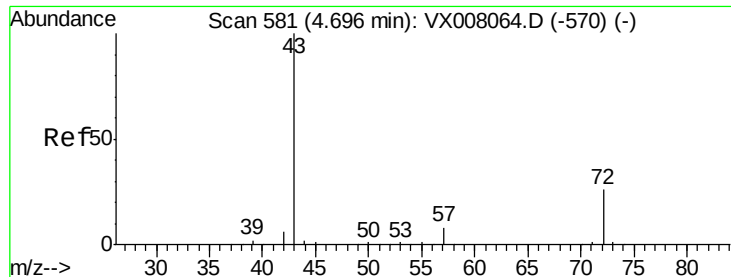
Tot Ion: 43 Resp: 8935
Ion Ratio Lower Upper
43 100
74 26.9 17.8 26.6#



#20
Methylene Chloride
Concen: 2.489 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX008150.D
Acq: 16 Mar 2019 19:20

Tgt Ion: 84 Resp: 6755
Ion Ratio Lower Upper
84 100
49 94.5 99.3 148.9#
51 37.5 31.3 46.9
86 65.4 52.6 79.0





#25

2-Butanone

Concen: 16.904 ug/l

RT: 4.69 min Scan# 580

Delta R.T. -0.01 min

Lab File: VX008150.D

Acq: 16 Mar 2019 19:20

Instrument :

MSVOA_X

ClientSampleId :

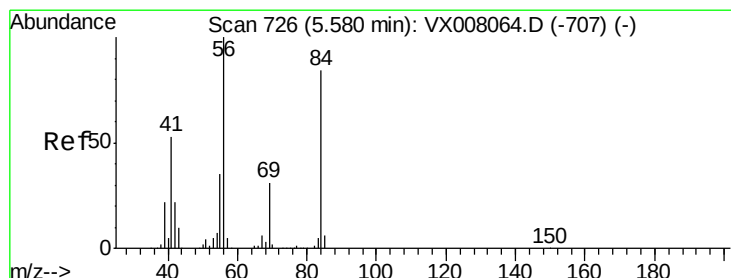
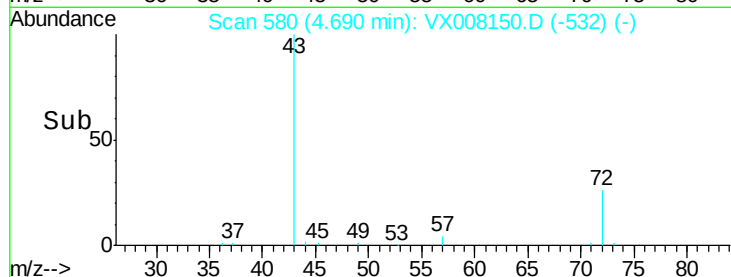
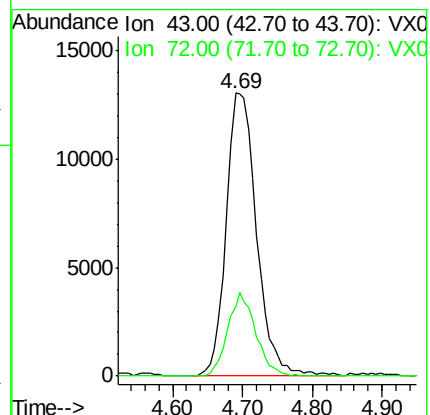
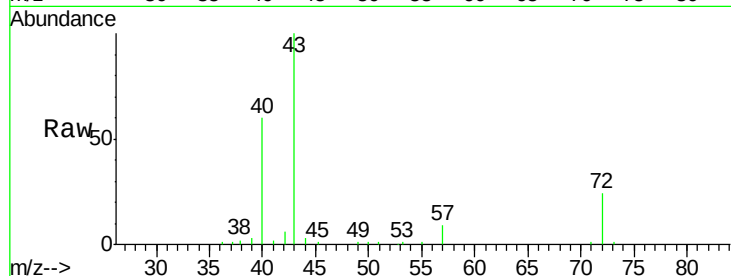
T3-MW-3-9.0-031419

Tot Ion: 43 Resp: 39422

Ion Ratio Lower Upper

43 100

72 24.5 19.9 29.9



#31

Cyclohexane

Concen: 2.254 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008150.D

Acq: 16 Mar 2019 19:20

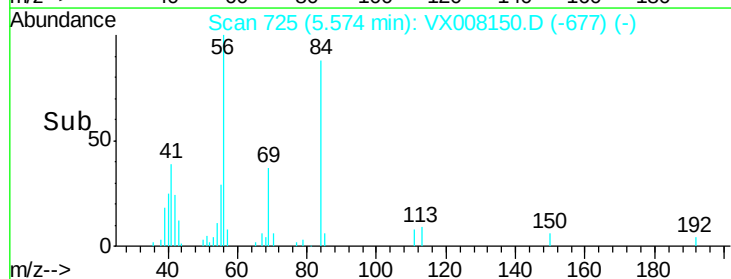
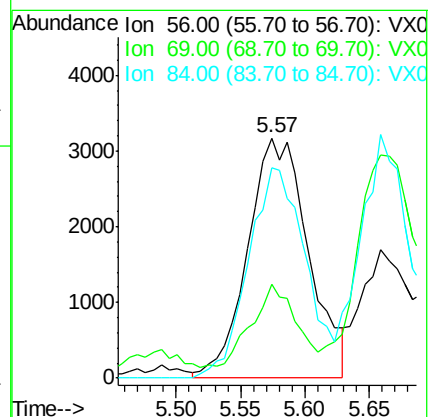
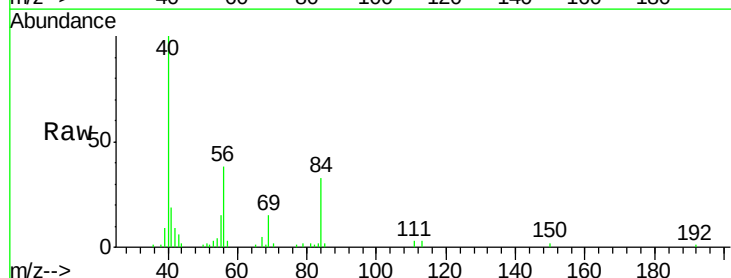
Tgt Ion: 56 Resp: 10372

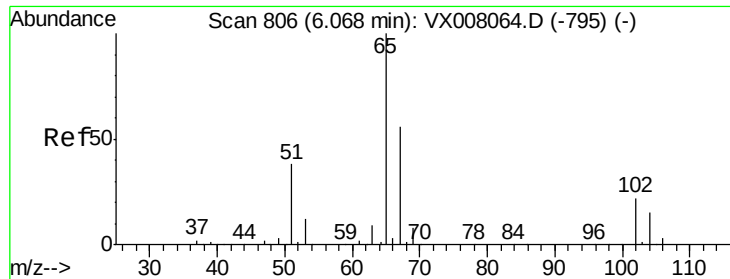
Ion Ratio Lower Upper

56 100

69 33.7 24.0 36.0

84 89.9 65.3 97.9

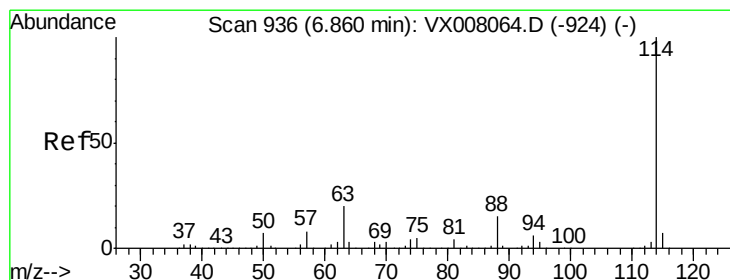
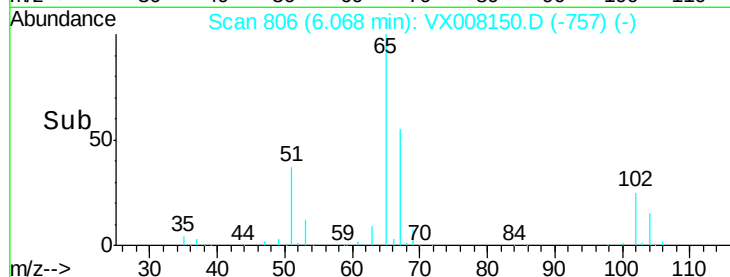
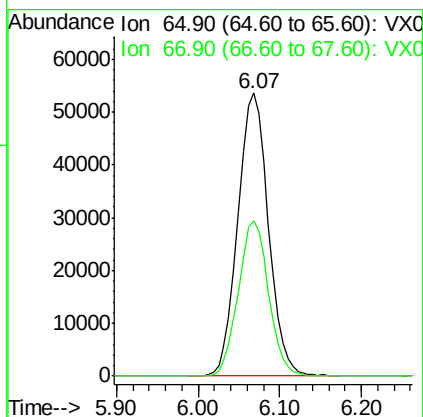
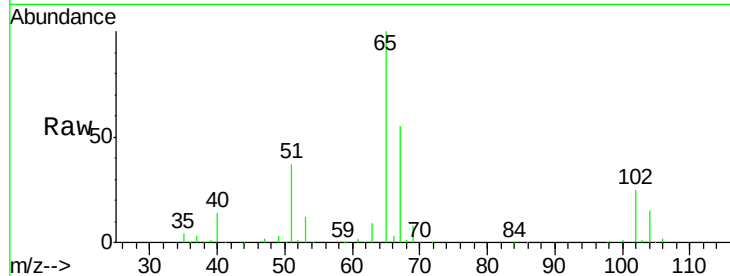




#33
 1,2-Dichloroethane-d4
 Concen: 43.281 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX008150.D
 Acq: 16 Mar 2019 19:20

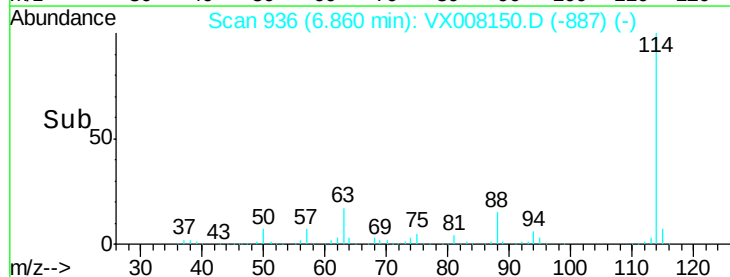
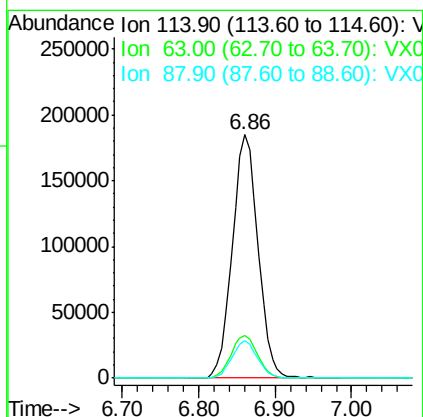
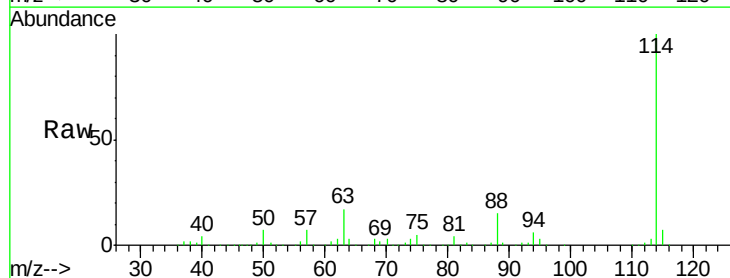
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-3-9.0-031419

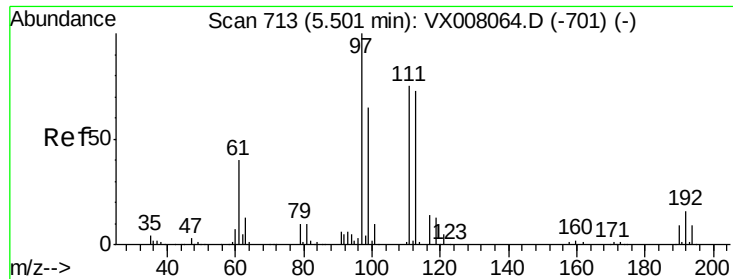
Tot Ion: 65 Resp: 139285
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008150.D
 Acq: 16 Mar 2019 19:20

Tgt Ion: 114 Resp: 430116
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 39.8
 88 15.4 0.0 31.4

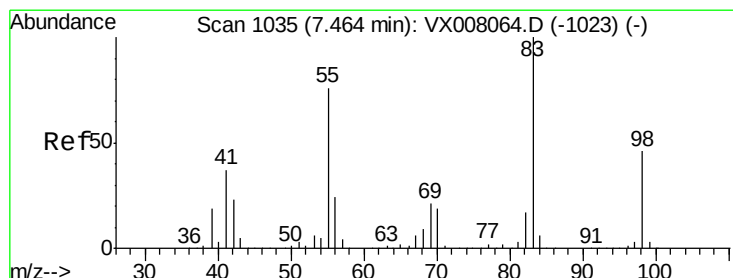
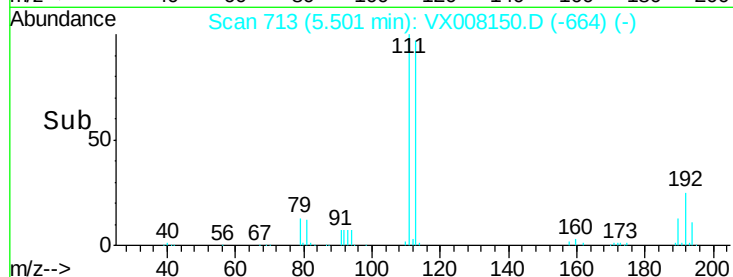
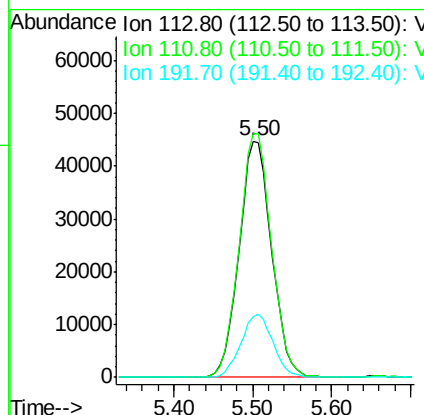
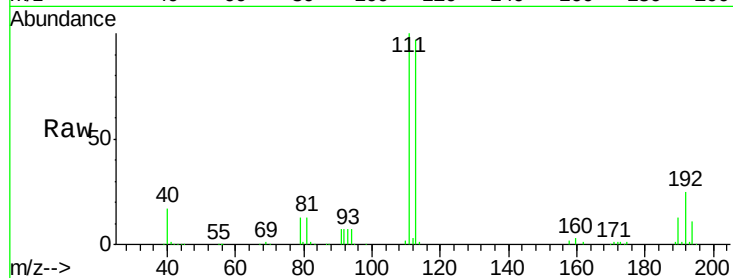




#35
 Dibromofluoromethane
 Concen: 47.051 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX008150.D
 Acq: 16 Mar 2019 19:20

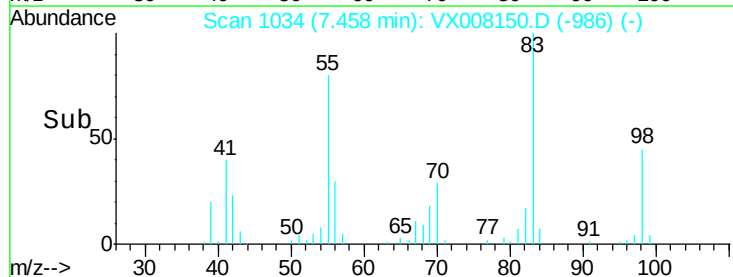
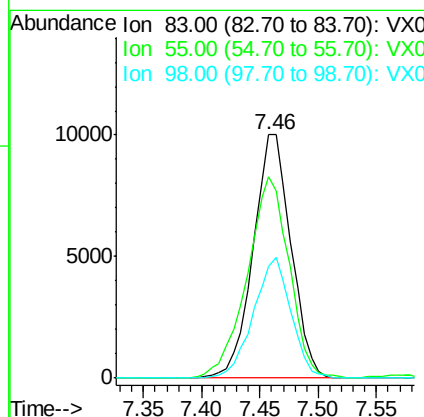
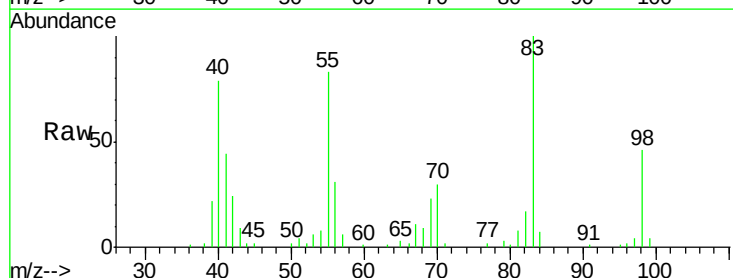
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-3-9.0-031419

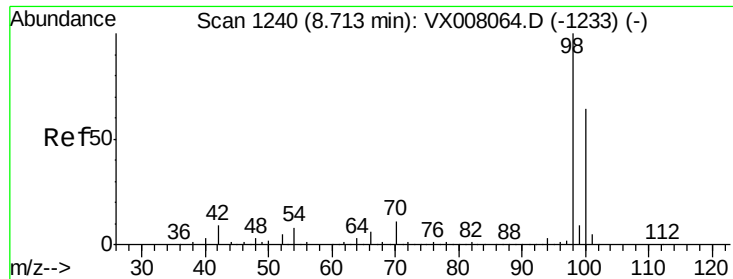
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.4	122.0
192	26.2	19.4	29.0



#39
 Methylcyclohexane
 Concen: 4.988 ug/l
 RT: 7.46 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: VX008150.D
 Acq: 16 Mar 2019 19:20

Tgt Ion	Ratio	Lower	Upper
83	100		
55	82.8	60.4	90.6
98	45.8	36.5	54.7

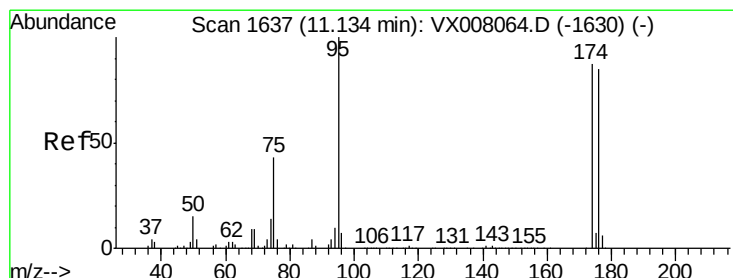
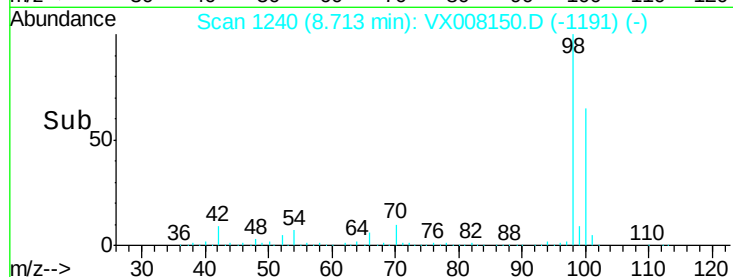
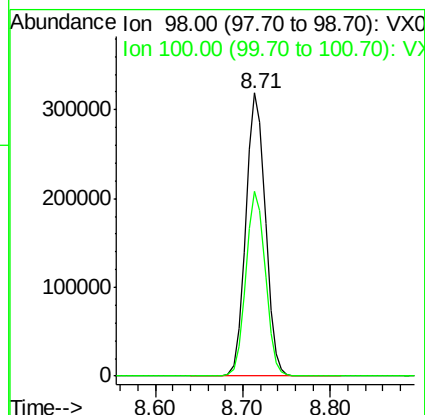
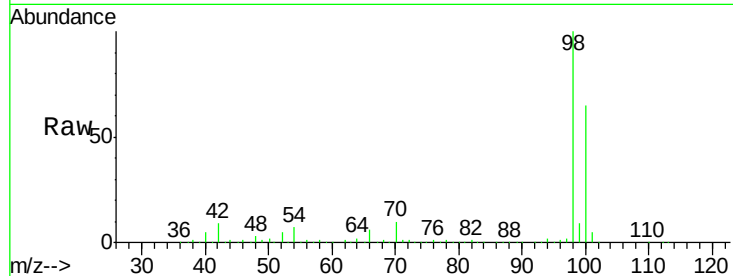




#50
Toluene-d8
Concen: 47.820 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008150.D
Acq: 16 Mar 2019 19:20

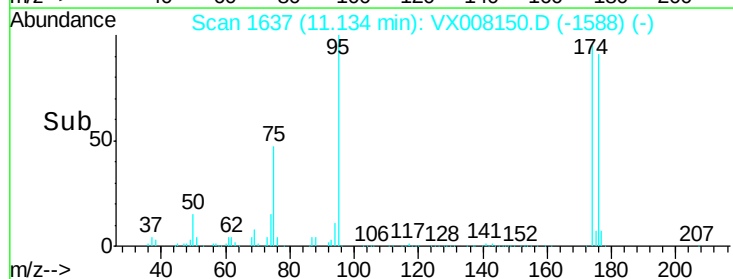
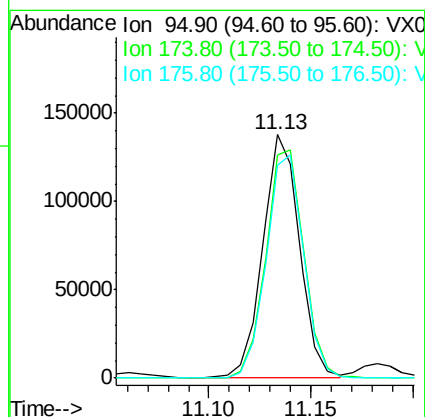
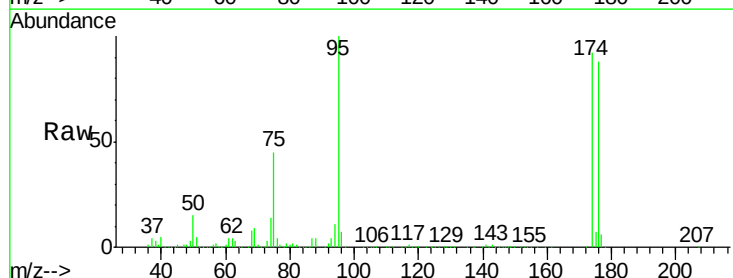
Instrument :
MSVOA_X
ClientSampleId :
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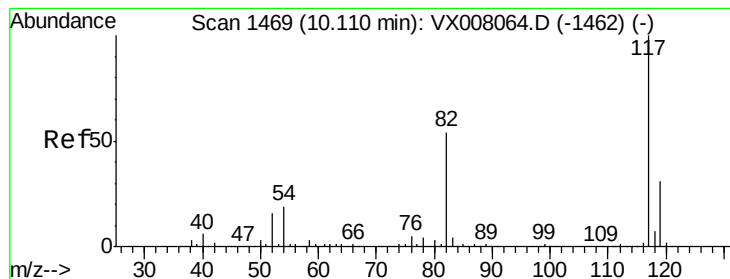
Tot Ion: 98 Resp: 496073
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 46.340 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008150.D
Acq: 16 Mar 2019 19:20

Tgt Ion: 95 Resp: 172210
Ion Ratio Lower Upper
95 100
174 97.5 0.0 182.8
176 94.2 0.0 178.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008150.D

Acq: 16 Mar 2019 19:20

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-3-9.0-031419

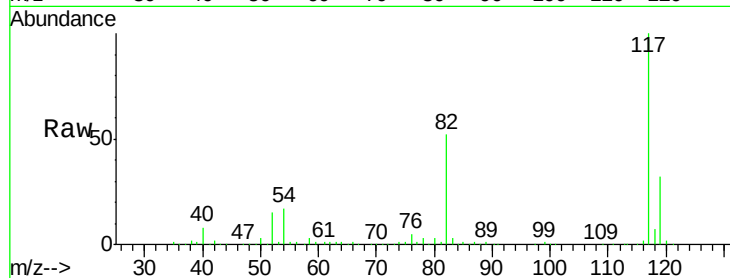
Tot Ion:117 Resp: 373004

Ion Ratio Lower Upper

117 100

82 51.9 44.3 66.5

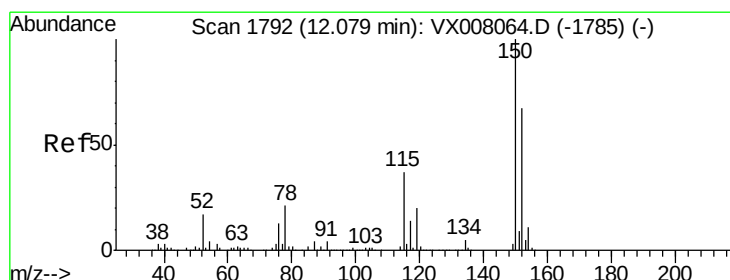
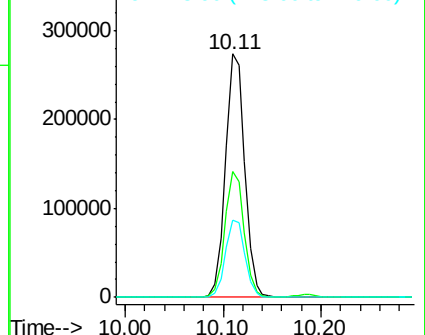
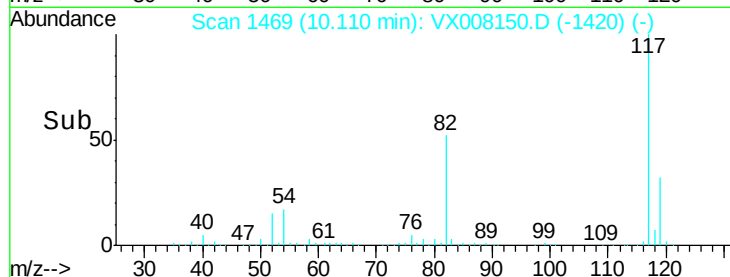
119 31.8 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008150.D

Acq: 16 Mar 2019 19:20

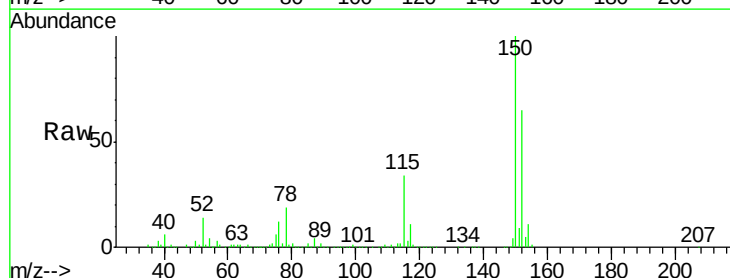
Tgt Ion:152 Resp: 182089

Ion Ratio Lower Upper

152 100

115 53.6 38.6 115.7

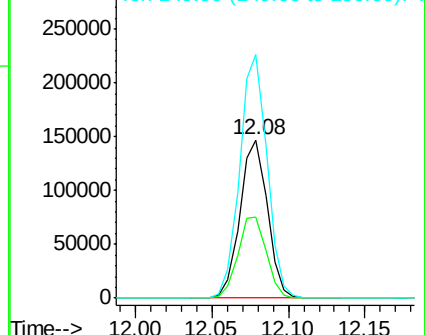
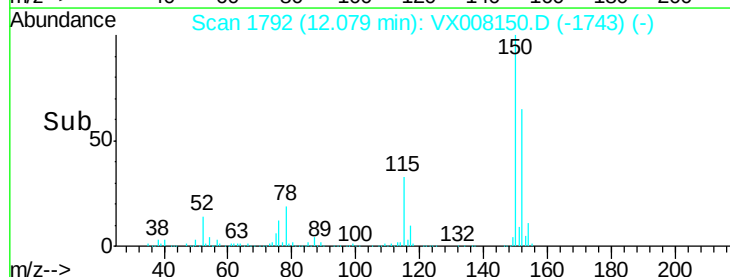
150 153.9 0.0 348.4

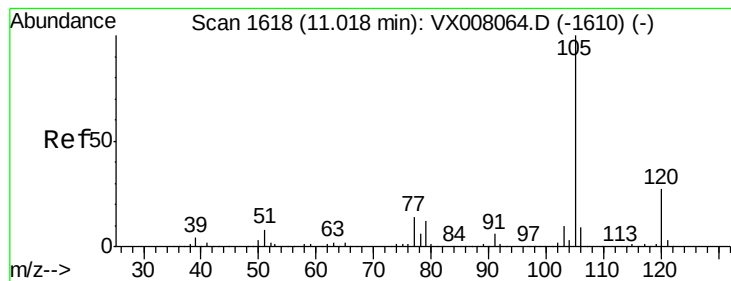


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 13.055 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008150.D

Acq: 16 Mar 2019 19:20

Instrument :

MSVOA_X

ClientSampleId :

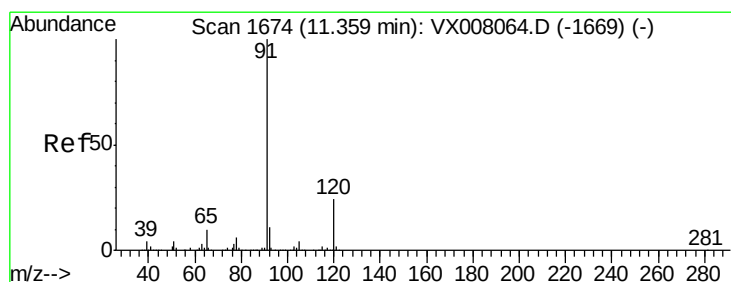
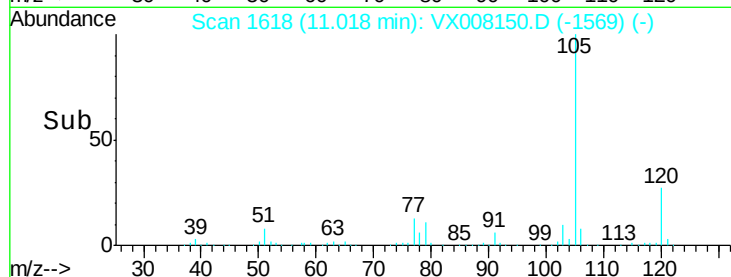
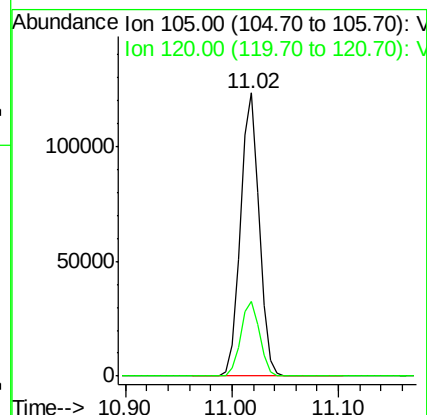
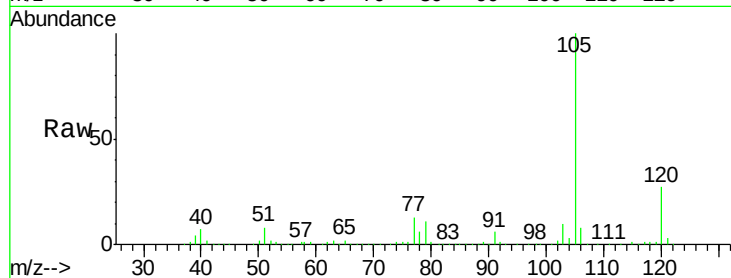
T3-MW-3-9.0-031419

Tot Ion:105 Resp: 152251

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.1



#78

n-propylbenzene

Concen: 41.370 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008150.D

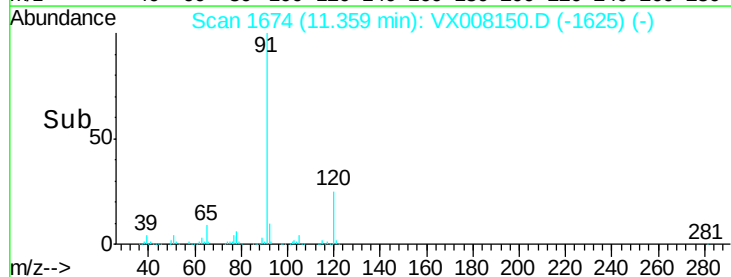
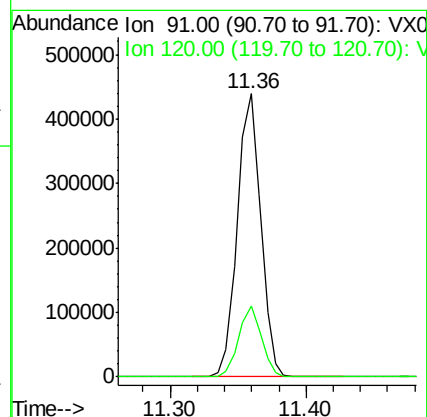
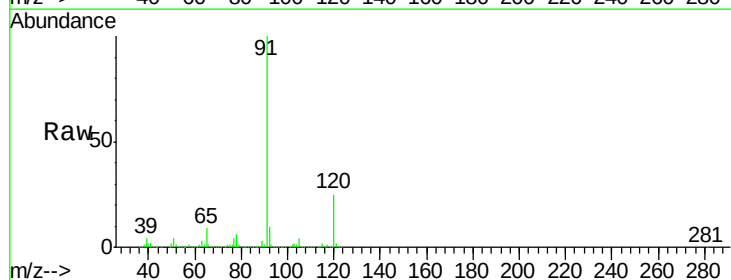
Acq: 16 Mar 2019 19:20

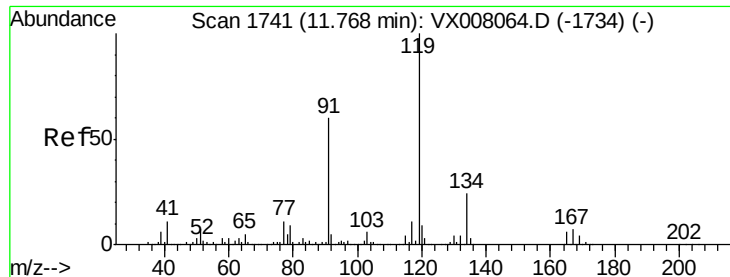
Tgt Ion: 91 Resp: 529343

Ion Ratio Lower Upper

91 100

120 24.3 12.0 36.0

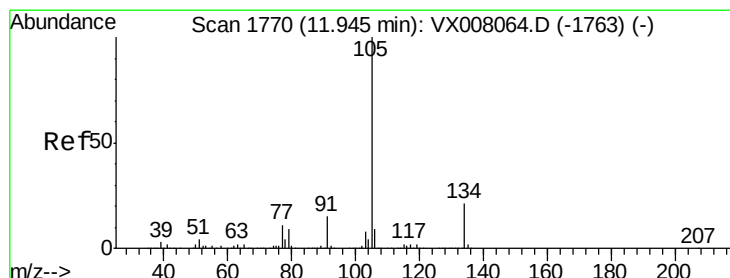
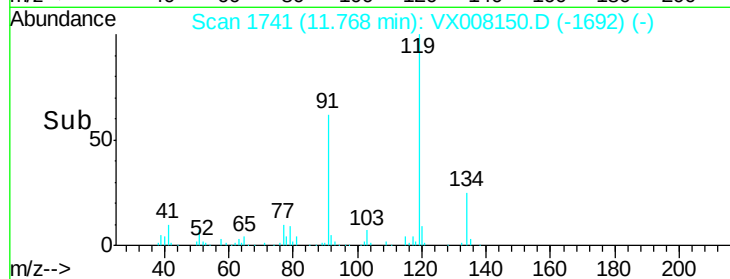
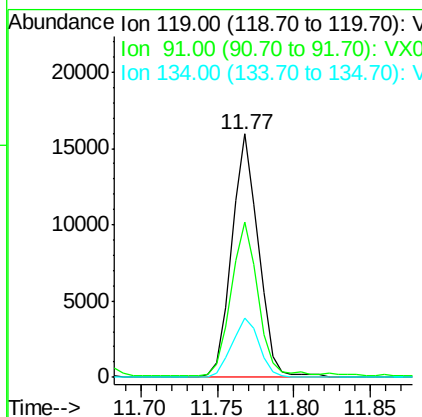
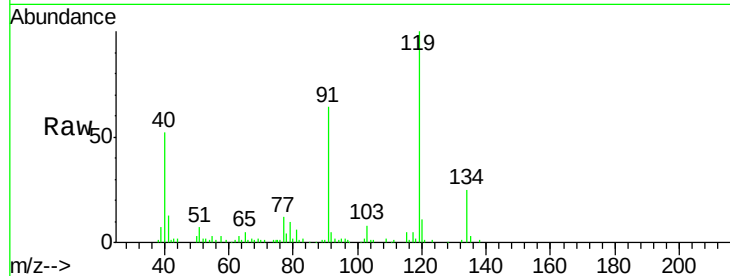




#83
tert-Butylbenzene
Concen: 1.995 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX008150.D
Acq: 16 Mar 2019 19:20

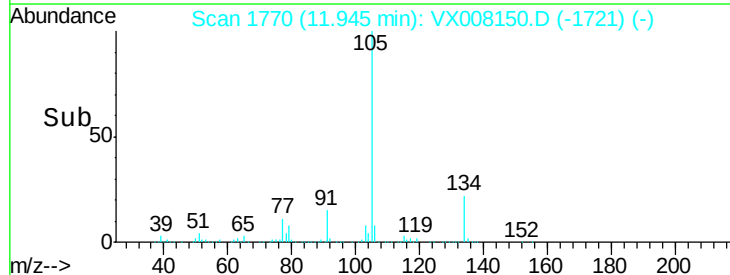
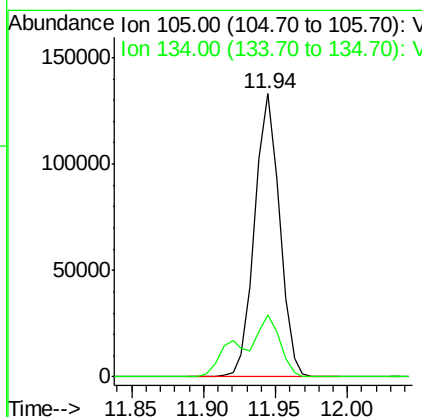
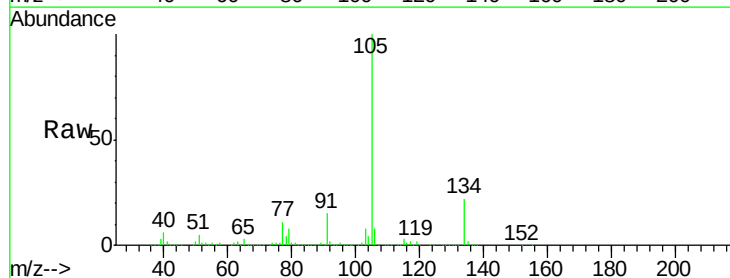
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-031419

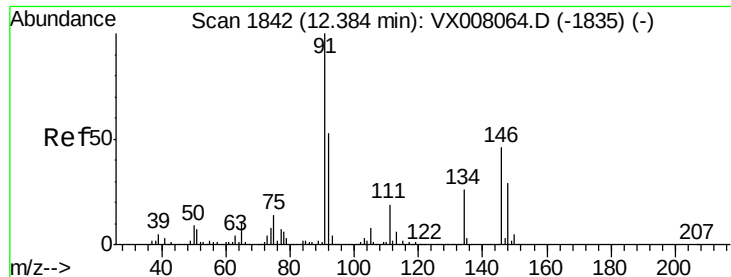
Tot Ion:119 Resp: 19213
Ion Ratio Lower Upper
119 100
91 64.3 27.1 81.3
134 25.2 11.4 34.1



#85
sec-Butylbenzene
Concen: 13.780 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX008150.D
Acq: 16 Mar 2019 19:20

Tgt Ion:105 Resp: 158118
Ion Ratio Lower Upper
105 100
134 19.1 10.4 31.2





#89

n-Butylbenzene

Concen: 12.306 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX008150.D

Acq: 16 Mar 2019 19:20

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-3-9.0-031419

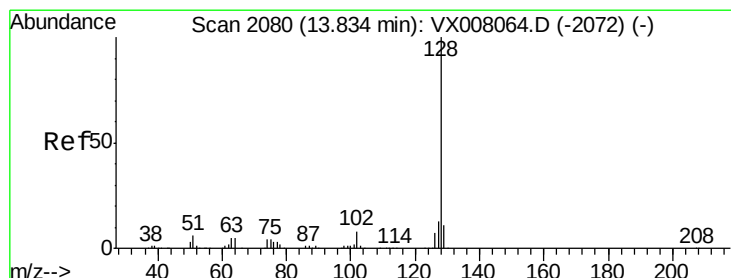
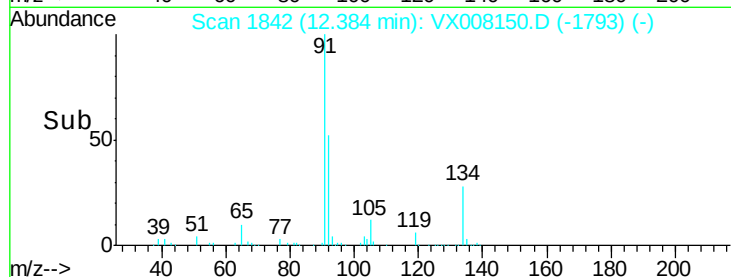
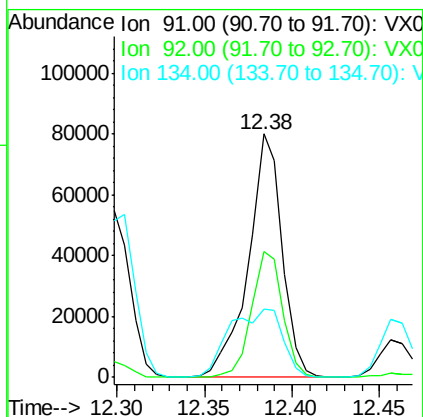
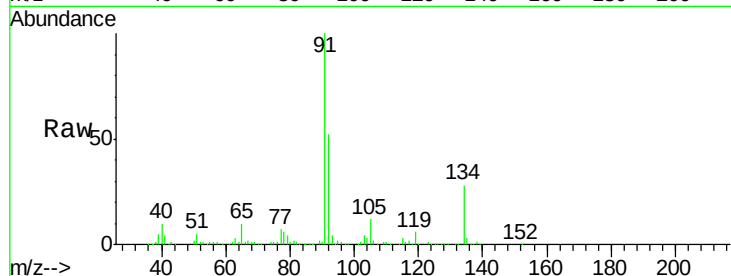
Tot Ion: 91 Resp: 106860

Ion Ratio Lower Upper

91 100

92 48.0 27.0 80.8

134 44.8 13.7 41.0#



#95

Naphthalene

Concen: 1.114 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008150.D

Acq: 16 Mar 2019 19:20

Tgt Ion: 128 Resp: 12467

Ion Ratio Lower Upper

128 100

127 11.3 10.3 15.5

129 13.8 8.7 13.1#

