

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121118\
 Data File : VX006432.D
 Acq On : 11 Dec 2018 20:24
 Operator : JC/MD
 Sample : J6331-42
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-7

Quant Time: Dec 12 09:28:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	783303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1189142	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1085483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	540028	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	384107	48.04	ug/l	0.00
Spiked Amount			Recovery	=	96.08%	
35) Dibromofluoromethane	5.51	113	360034	46.76	ug/l	0.00
Spiked Amount			Recovery	=	93.52%	
50) Toluene-d8	8.71	98	1380893	49.31	ug/l	0.00
Spiked Amount			Recovery	=	98.62%	
62) 4-Bromofluorobenzene	11.13	95	511011	48.42	ug/l	0.00
Spiked Amount			Recovery	=	96.84%	

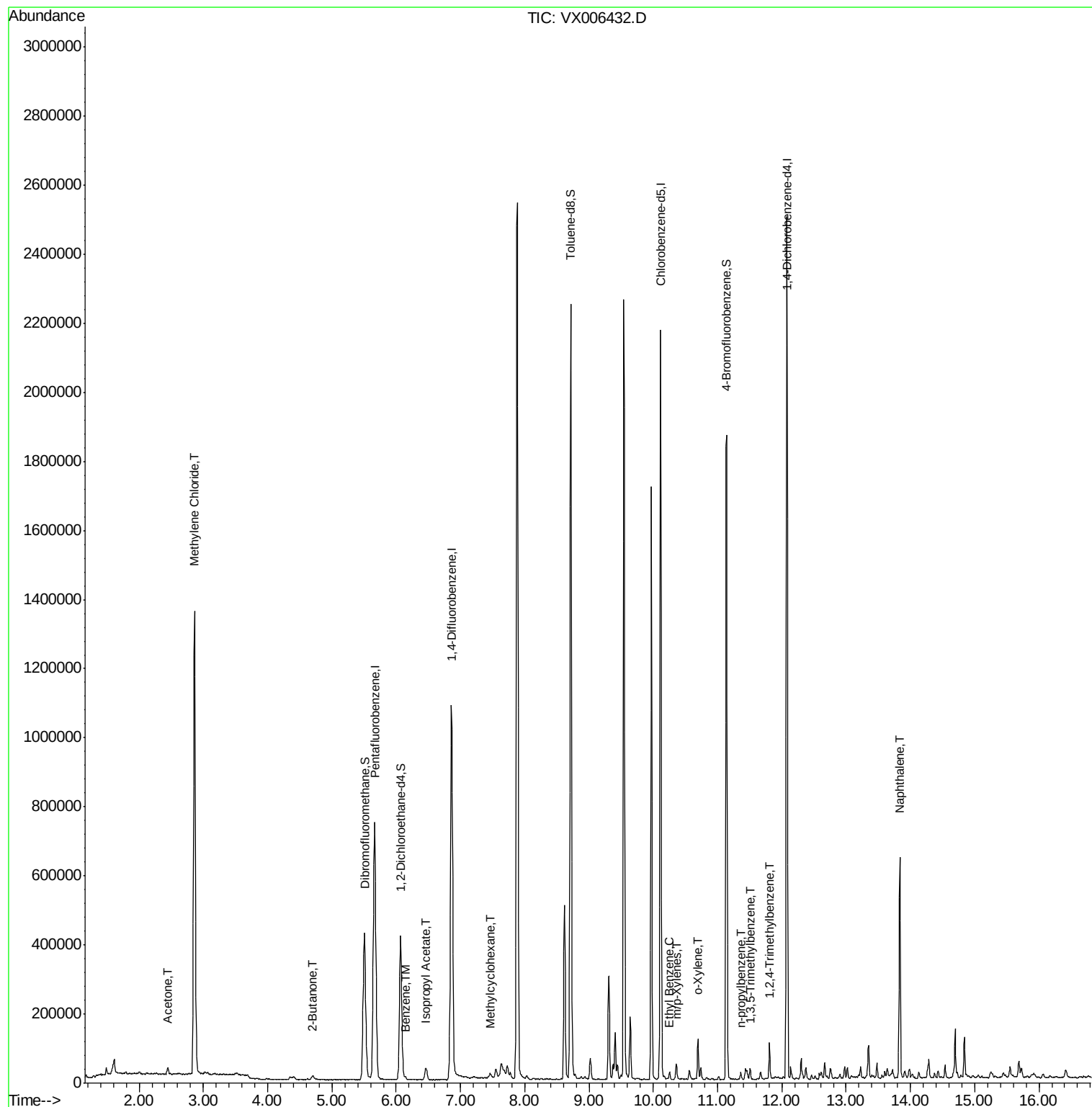
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	22760	6.065	ug/l	90
20) Methylene Chloride	2.86	84	627138	78.525	ug/l	95
25) 2-Butanone	4.70	43	18486	3.452	ug/l #	86
39) Methylcyclohexane	7.46	83	5793	0.446	ug/l #	91
40) Benzene	6.15	78	6678	0.223	ug/l	91
43) Isopropyl Acetate	6.46	43	42957	2.298	ug/l	97
67) Ethyl Benzene	10.26	91	12689	0.331	ug/l	98
68) m/p-Xylenes	10.36	106	11700	0.762	ug/l	96
69) o-Xylene	10.70	106	3575	0.236	ug/l	98
78) n-propylbenzene	11.36	91	10487	0.253	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	14288	0.460	ug/l	91
84) 1,2,4-Trimethylbenzene	11.80	105	43844	1.368	ug/l	98
95) Naphthalene	13.83	128	419698	10.119	ug/l	100

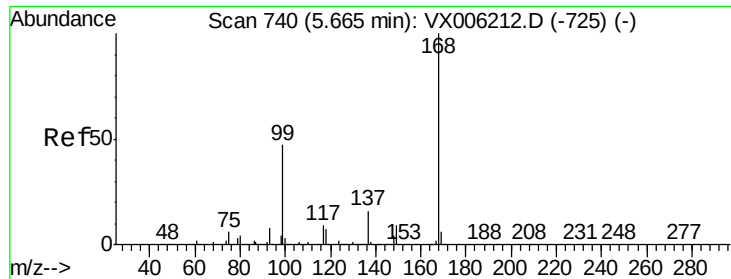
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121118\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006432.D

Acq: 11 Dec 2018 20:24

Instrument :

MSVOA_X

ClientSampleId :

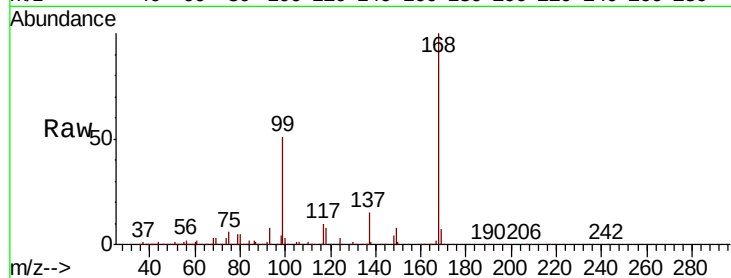
TP-7

Tot Ion:168 Resp: 783303

Ion Ratio Lower Upper

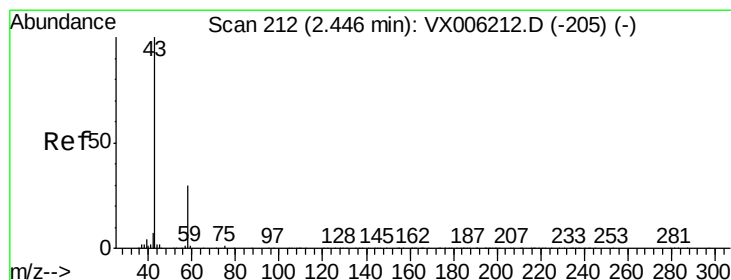
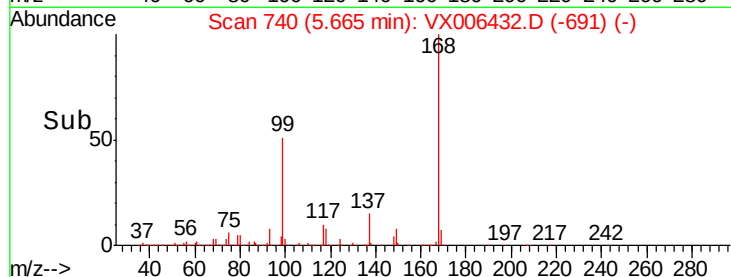
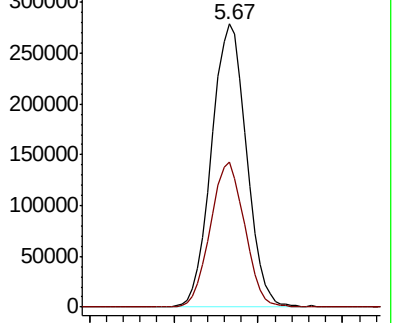
168 100

99 51.2 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 6.065 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006432.D

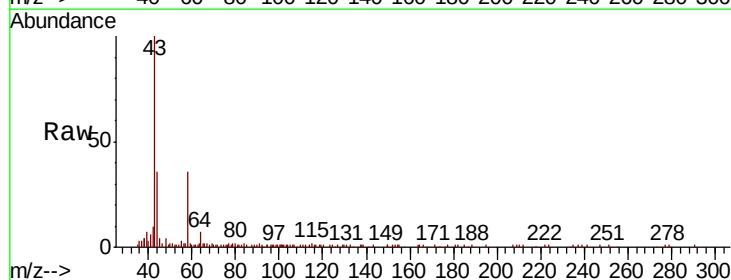
Acq: 11 Dec 2018 20:24

Tgt Ion: 43 Resp: 22760

Ion Ratio Lower Upper

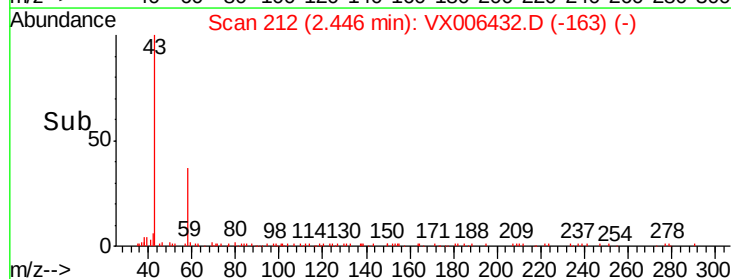
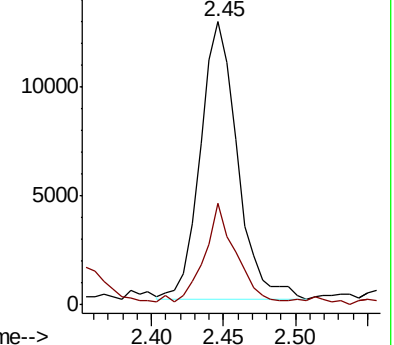
43 100

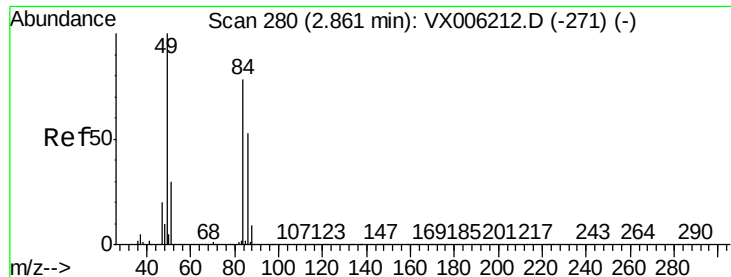
58 35.5 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

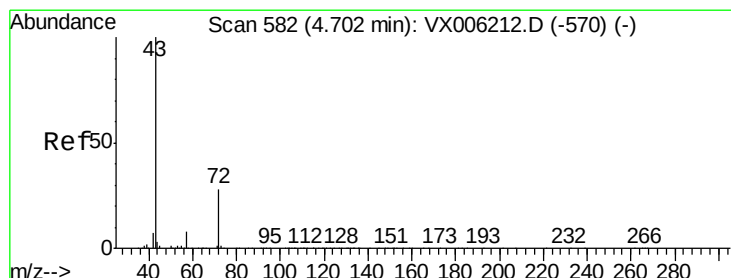
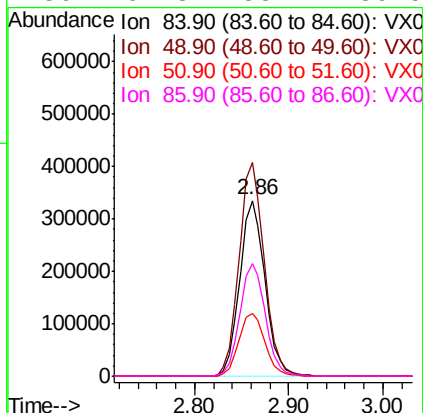
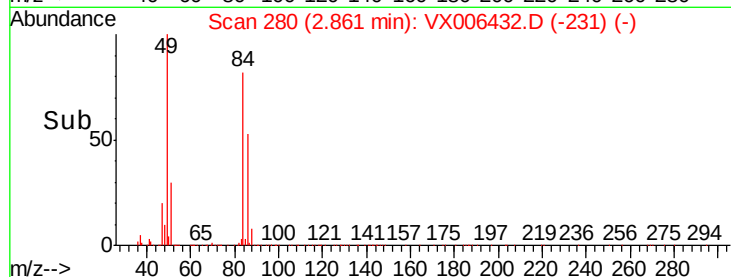
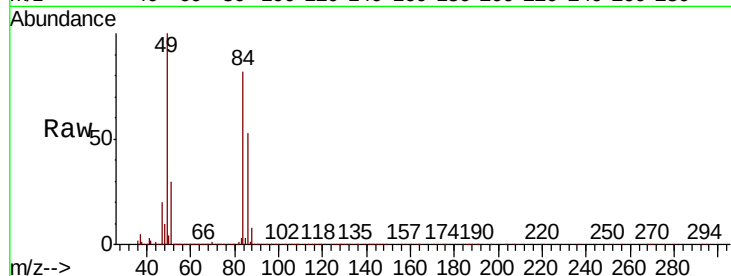




#20
Methvlene Chloride
Concen: 78.525 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006432.D
Acq: 11 Dec 2018 20:24

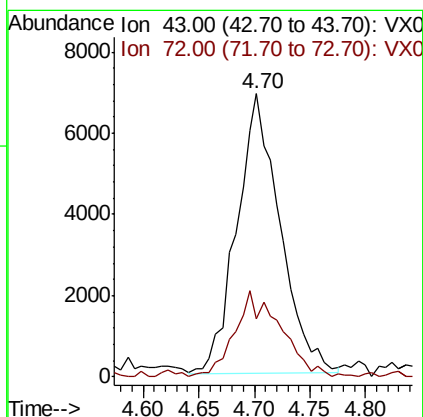
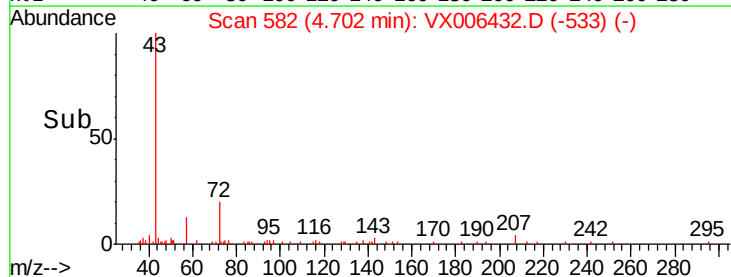
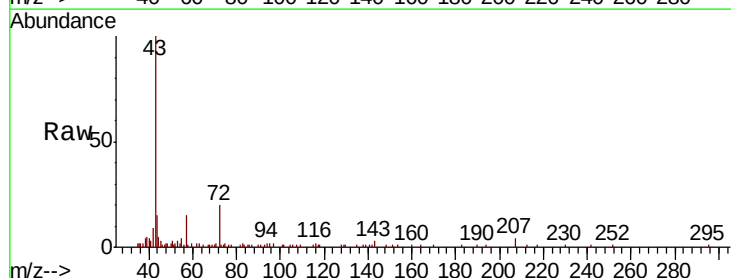
Instrument :
MSVOA_X
ClientSampleId :
TP-7

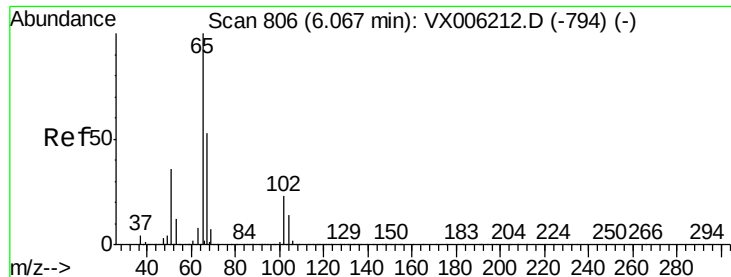
Tot Ion:	84	Resp:	627138
Ion	Ratio	Lower	Upper
84	100		
49	121.5	102.2	153.4
51	35.8	31.1	46.7
86	64.3	53.7	80.5



#25
2-Butanone
Concen: 3.452 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX006432.D
Acq: 11 Dec 2018 20:24

Tgt Ion:	43	Resp:	18486
Ion	Ratio	Lower	Upper
43	100		
72	20.7	22.6	33.8#

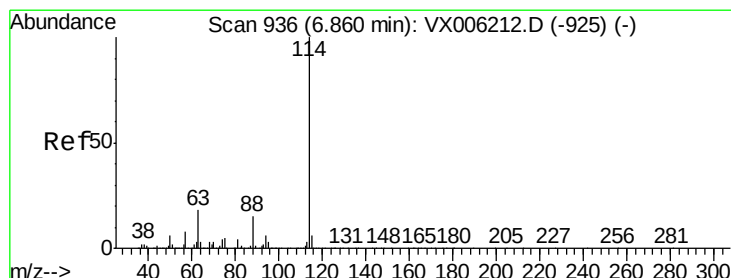
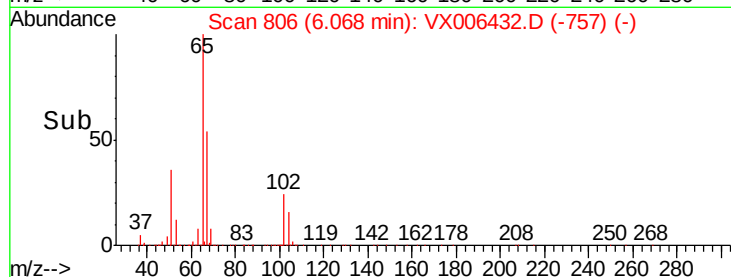
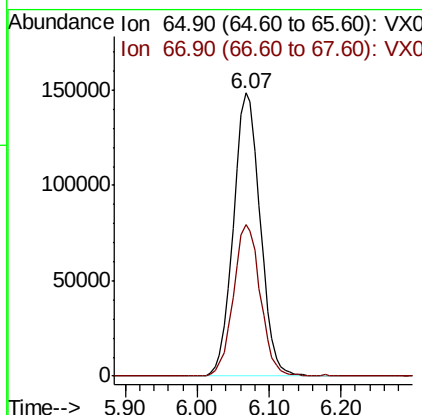
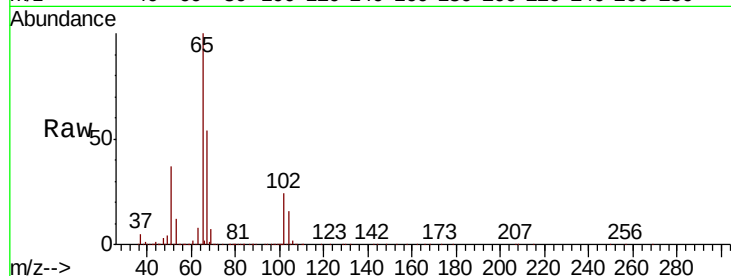




#33
 1,2-Dichloroethane-d4
 Concen: 48.036 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006432.D
 Acq: 11 Dec 2018 20:24

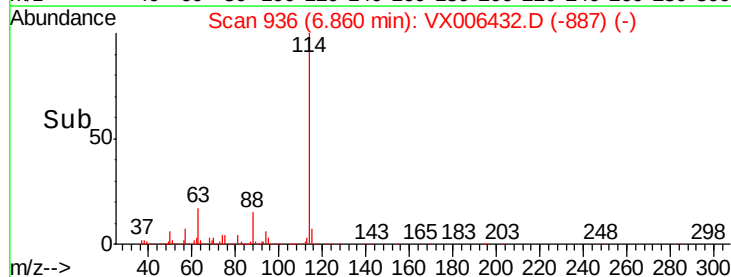
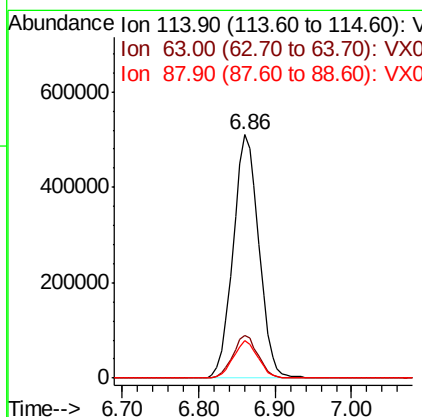
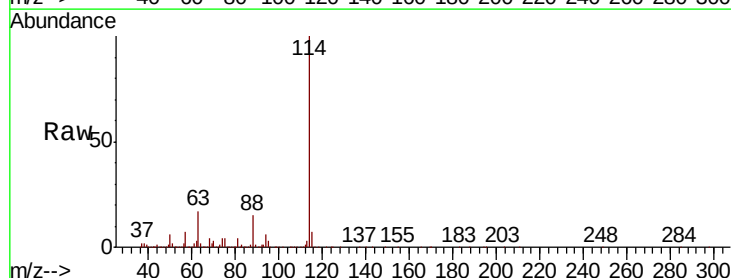
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-7

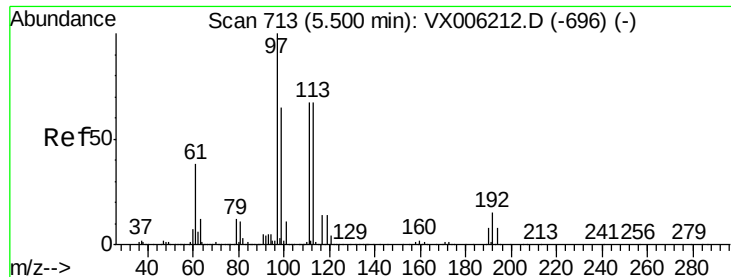
Tot Ion: 65 Resp: 384107
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006432.D
 Acq: 11 Dec 2018 20:24

Tgt Ion: 114 Resp: 1189142
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 36.6
 88 15.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 46.762 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006432.D

Acq: 11 Dec 2018 20:24

Instrument :

MSVOA_X

ClientSampleId :

TP-7

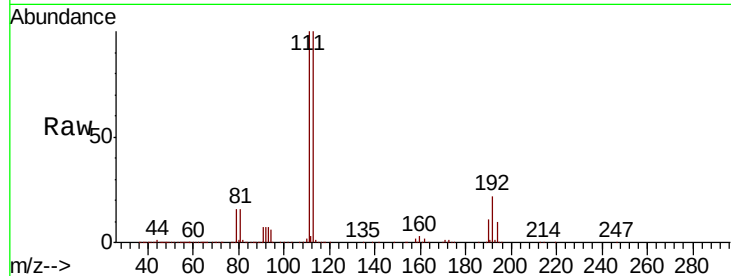
Tot Ion:113 Resp: 360034

Ion Ratio Lower Upper

113 100

111 101.7 81.1 121.7

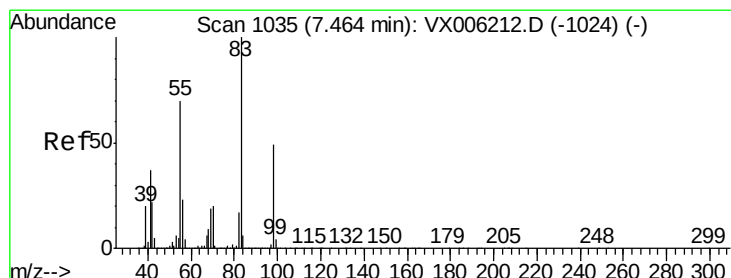
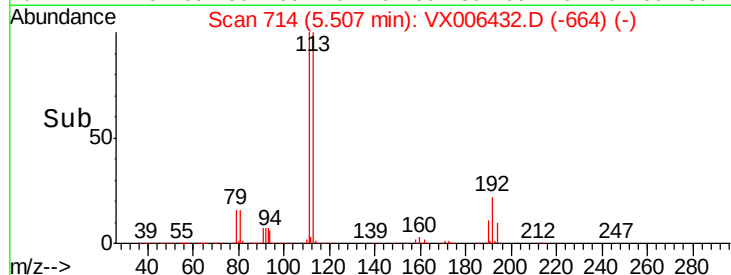
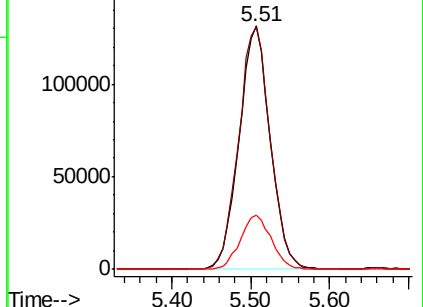
192 22.3 18.2 27.2



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: 0.446 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX006432.D

Acq: 11 Dec 2018 20:24

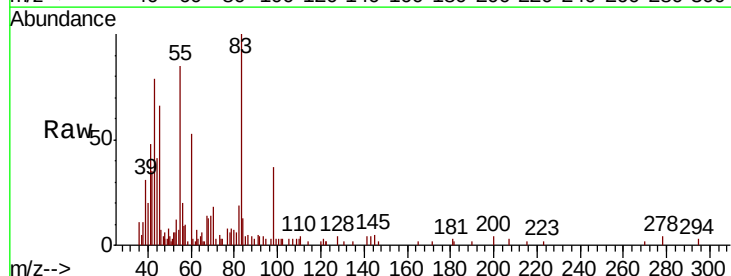
Tgt Ion: 83 Resp: 5793

Ion Ratio Lower Upper

83 100

55 73.5 56.4 84.6

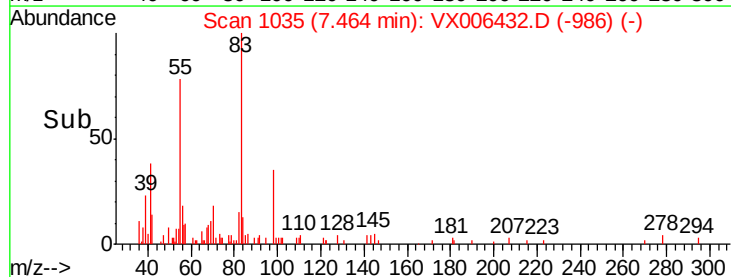
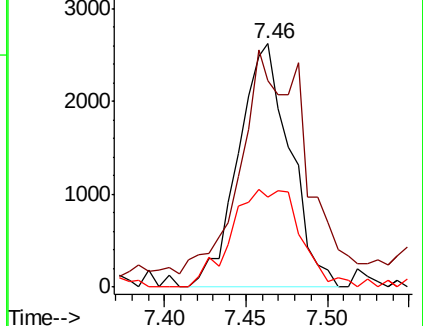
98 37.0 39.0 58.6#

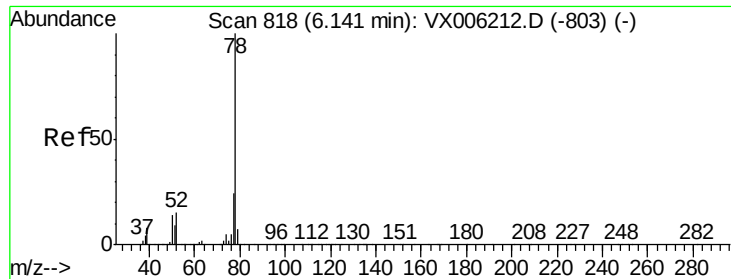


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.223 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX006432.D

Acq: 11 Dec 2018 20:24

Instrument :

MSVOA_X

ClientSampleId :

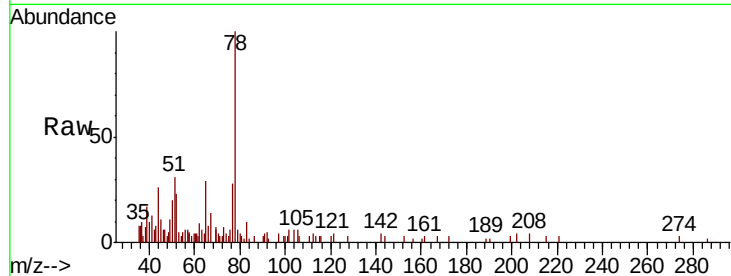
TP-7

Tot Ion: 78 Resp: 6678

Ion Ratio Lower Upper

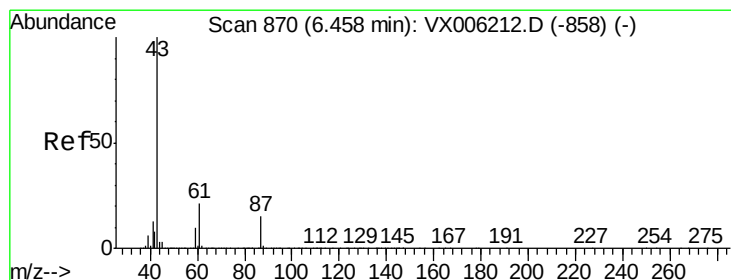
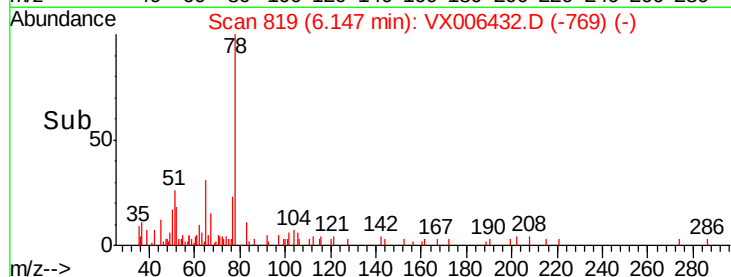
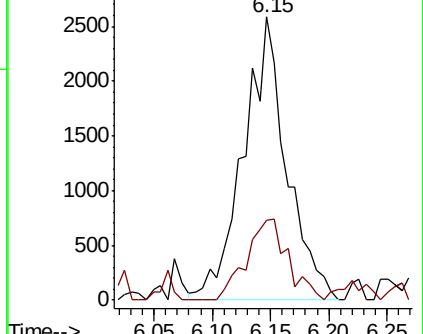
78 100

77 28.2 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#43

Isopropyl Acetate

Concen: 2.298 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006432.D

Acq: 11 Dec 2018 20:24

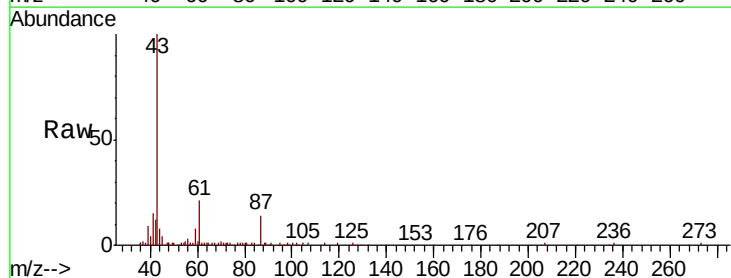
Tgt Ion: 43 Resp: 42957

Ion Ratio Lower Upper

43 100

61 22.3 16.8 25.2

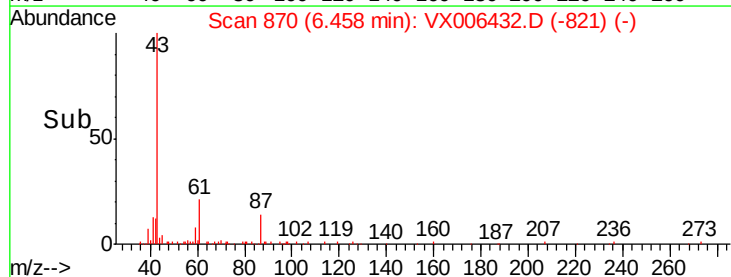
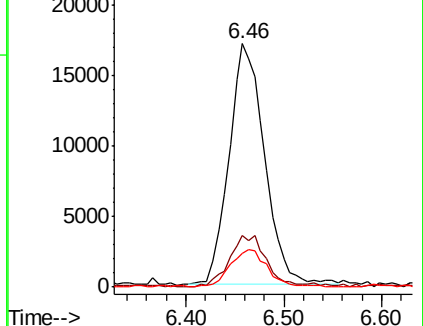
87 16.2 11.9 17.9

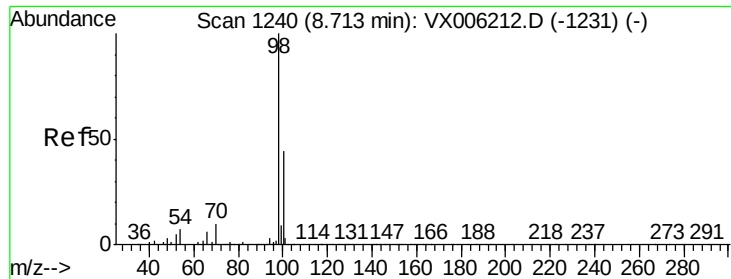


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

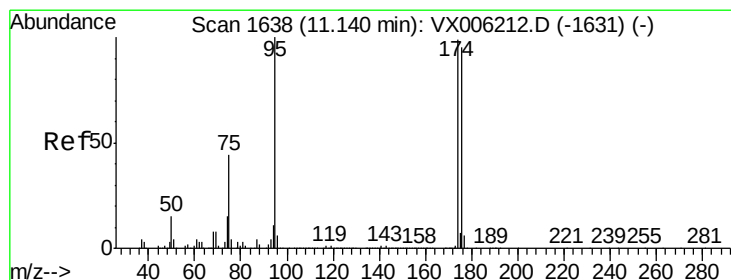
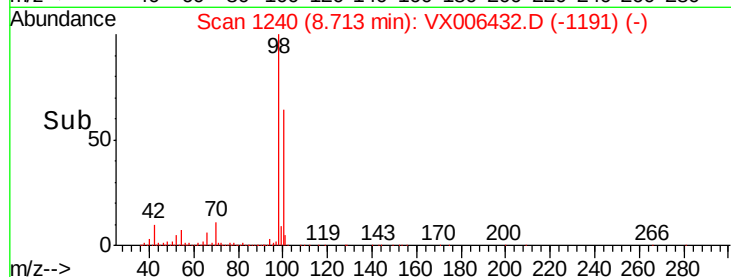
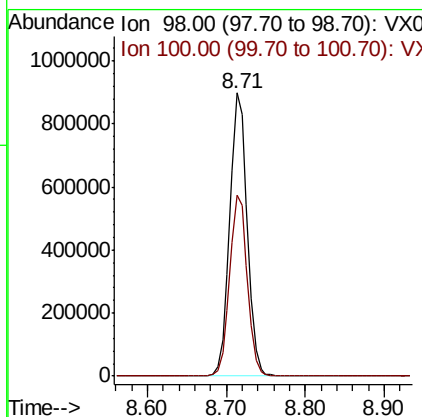
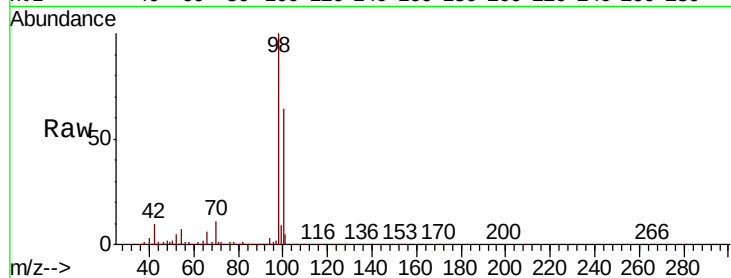




#50
Toluene-d8
Concen: 49.308 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006432.D
Acq: 11 Dec 2018 20:24

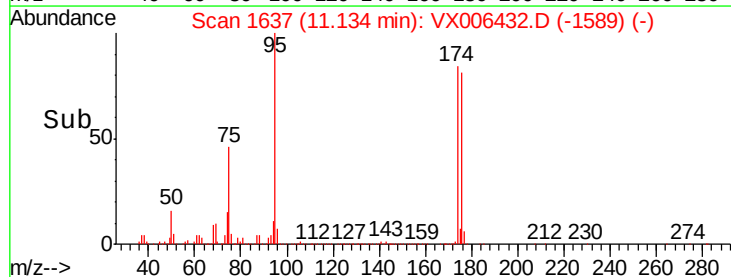
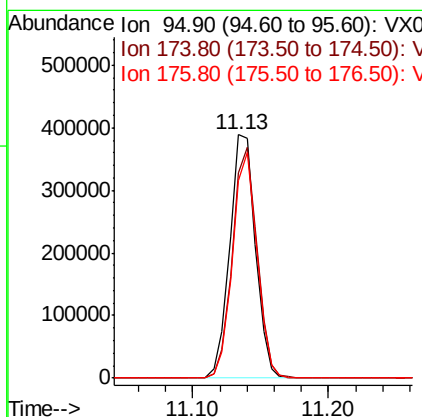
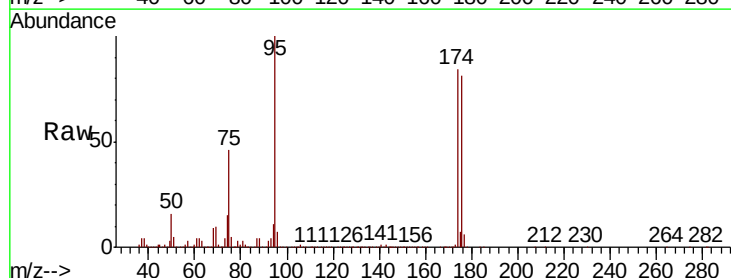
Instrument :
MSVOA_X
ClientSampled :
TP-7

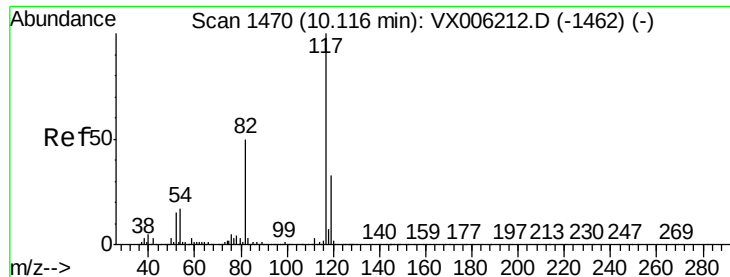
Tot Ion: 98 Resp: 1380893
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 48.422 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006432.D
Acq: 11 Dec 2018 20:24

Tgt Ion: 95 Resp: 511011
Ion Ratio Lower Upper
95 100
174 91.7 0.0 187.0
176 88.5 0.0 181.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006432.D

Acq: 11 Dec 2018 20:24

Instrument :

MSVOA_X

ClientSampled :

TP-7

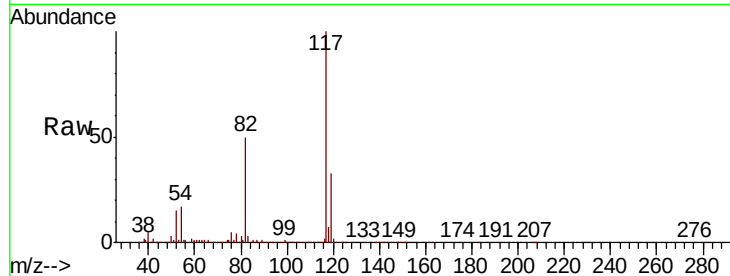
Tot Ion:117 Resp: 1085483

Ion Ratio Lower Upper

117 100

82 49.8 39.6 59.4

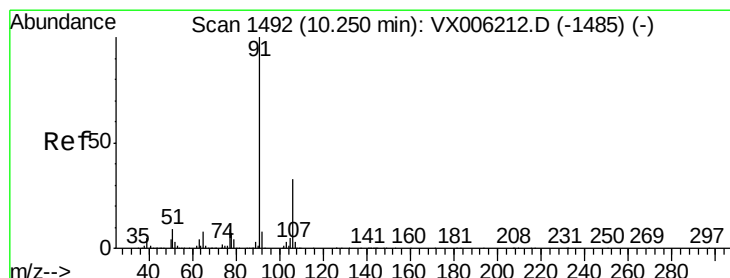
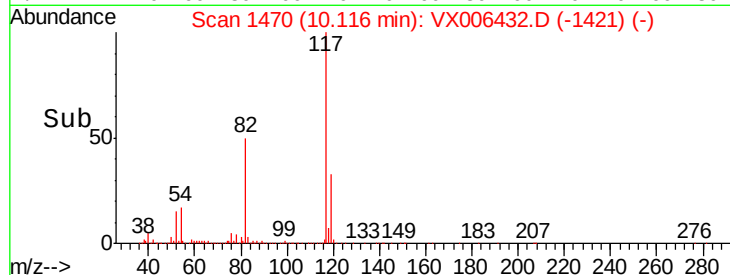
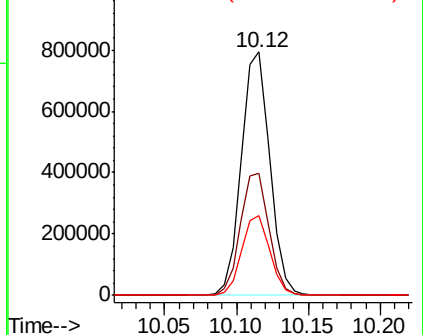
119 32.8 26.3 39.5



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



#67

Ethyl Benzene

Concen: 0.331 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.01 min

Lab File: VX006432.D

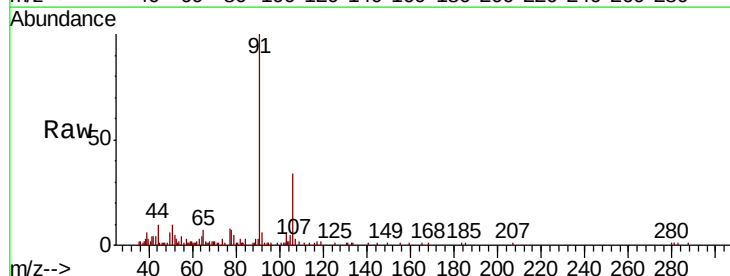
Acq: 11 Dec 2018 20:24

Tgt Ion: 91 Resp: 12689

Ion Ratio Lower Upper

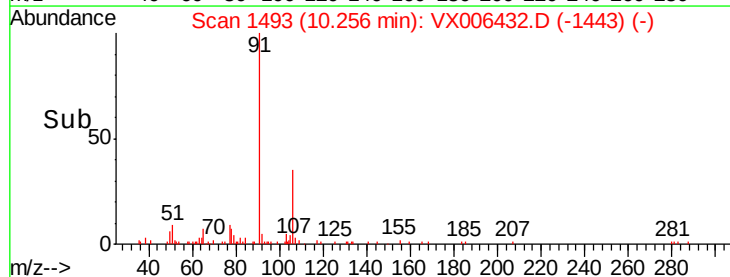
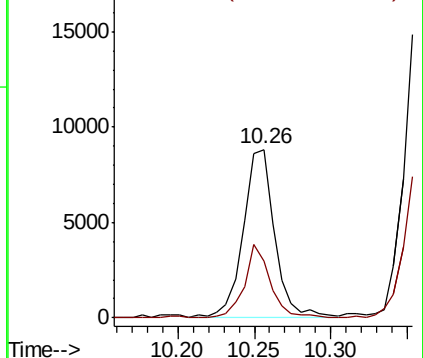
91 100

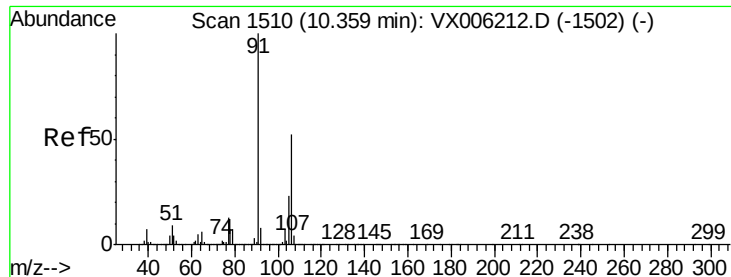
106 34.1 26.5 39.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 0.762 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006432.D

Acq: 11 Dec 2018 20:24

Instrument :

MSVOA_X

ClientSampled :

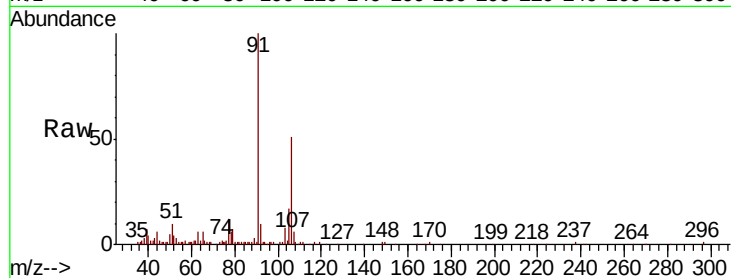
TP-7

Tot Ion:106 Resp: 11700

Ion Ratio Lower Upper

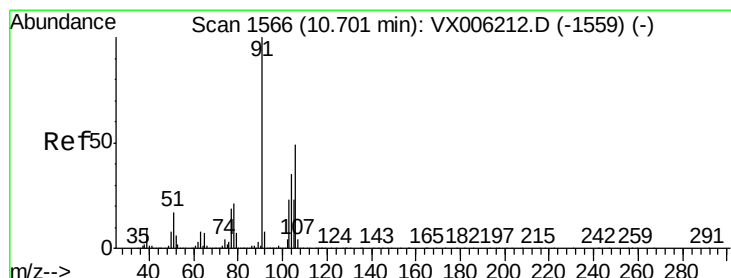
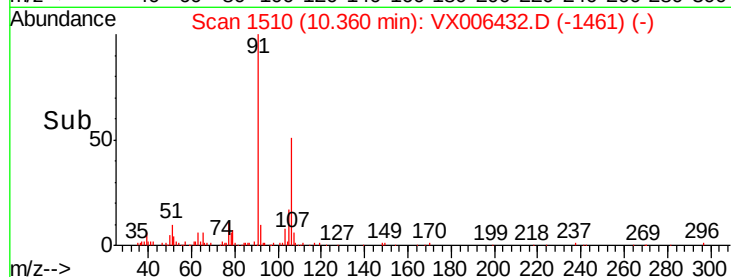
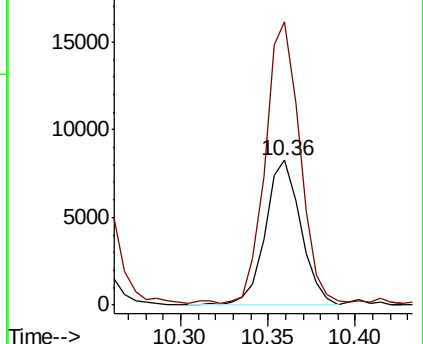
106 100

91 188.5 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.236 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VX006432.D

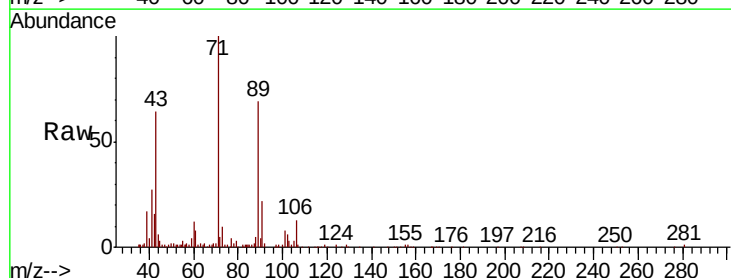
Acq: 11 Dec 2018 20:24

Tgt Ion:106 Resp: 3575

Ion Ratio Lower Upper

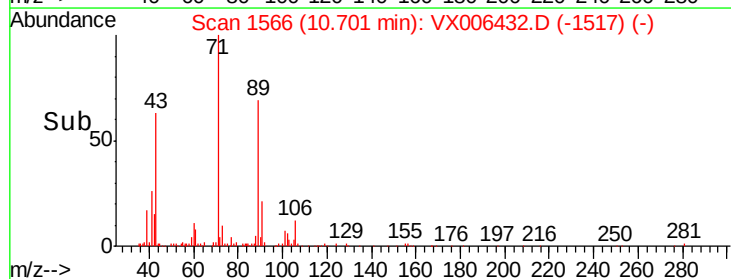
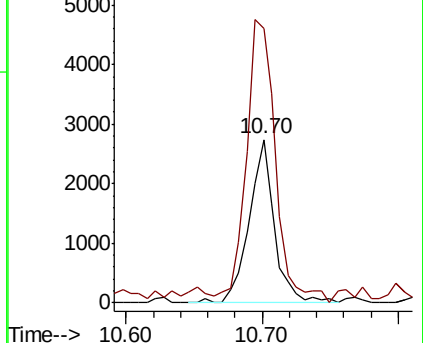
106 100

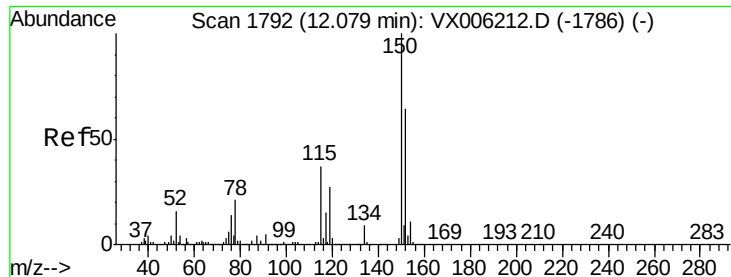
91 200.9 101.8 305.6



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: VX006432.D

Acq: 11 Dec 2018 20:24

Instrument :

MSVOA_X

ClientSampleId :

TP-7

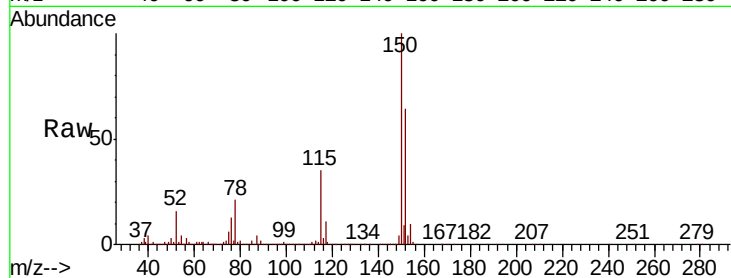
Tot Ion:152 Resp: 540028

Ion Ratio Lower Upper

152 100

115 55.3 39.0 116.9

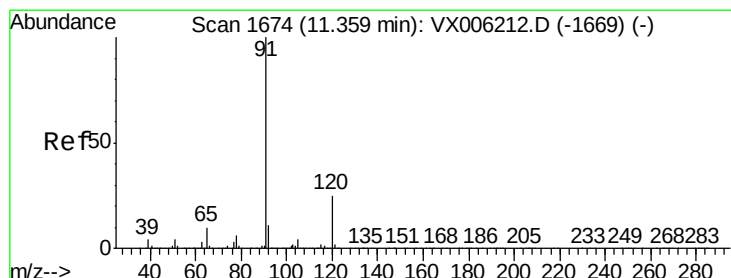
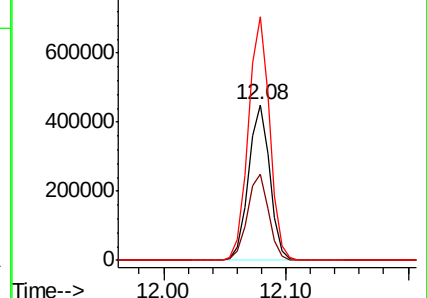
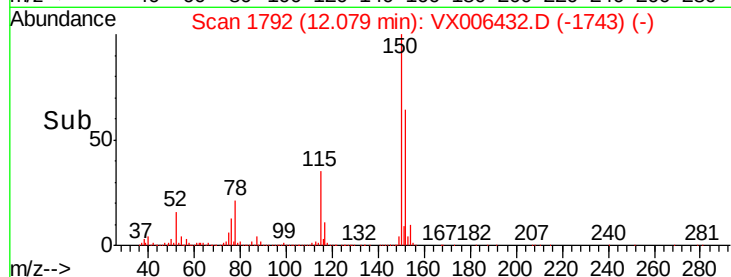
150 156.9 0.0 345.8



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



#78

n-propylbenzene

Concen: 0.253 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006432.D

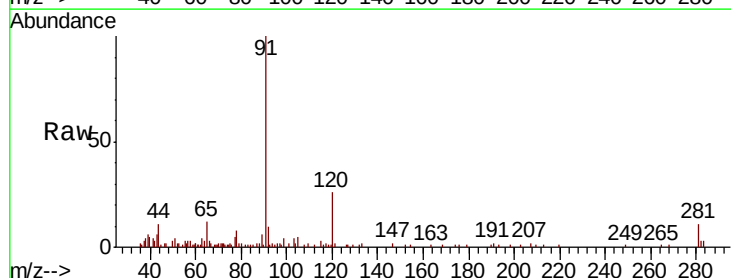
Acq: 11 Dec 2018 20:24

Tgt Ion: 91 Resp: 10487

Ion Ratio Lower Upper

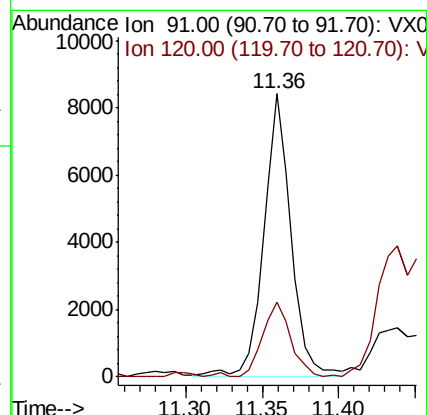
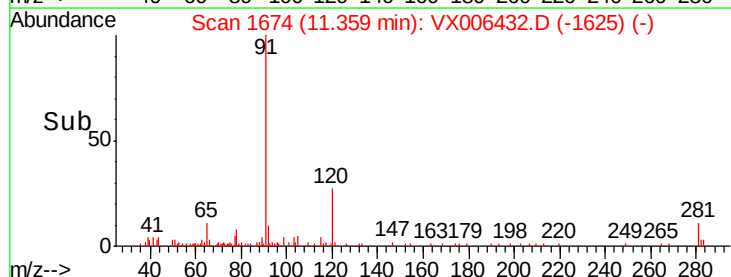
91 100

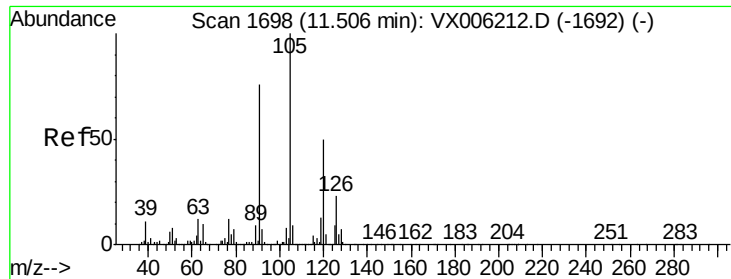
120 27.1 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.460 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006432.D

Acq: 11 Dec 2018 20:24

Instrument :

MSVOA_X

ClientSampled :

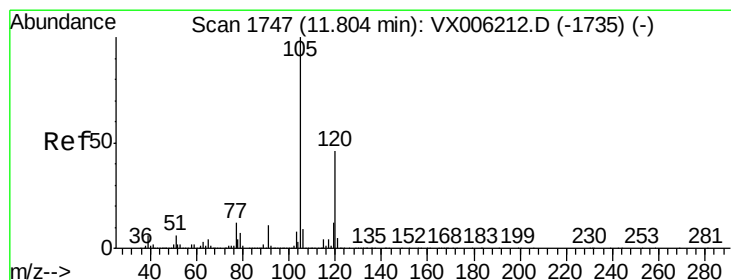
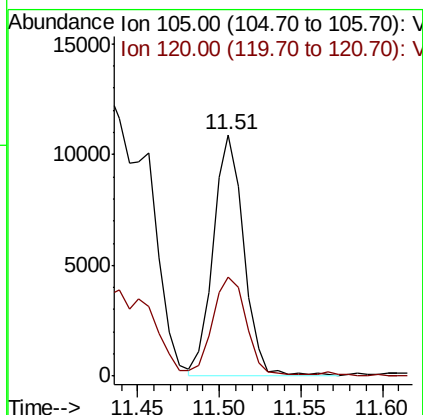
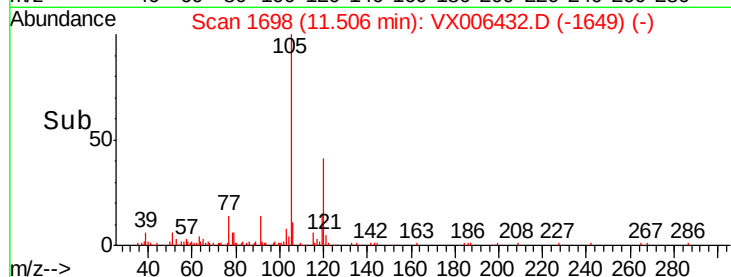
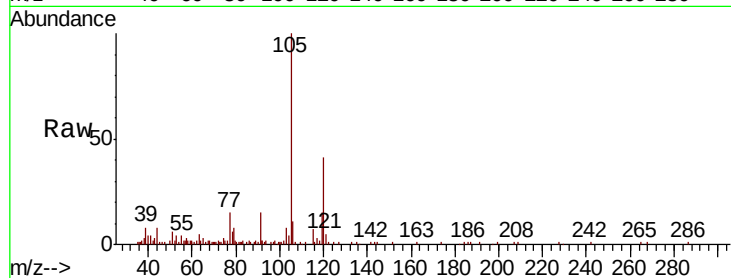
TP-7

Tot Ion:105 Resp: 14288

Ion Ratio Lower Upper

105 100

120 44.3 25.4 76.0



#84

1,2,4-Trimethylbenzene

Concen: 1.368 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006432.D

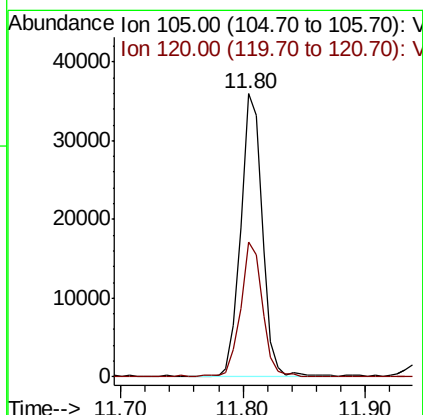
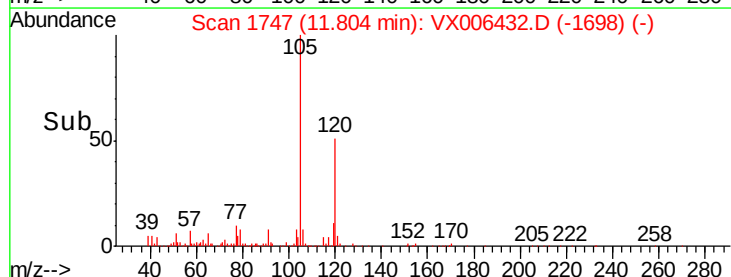
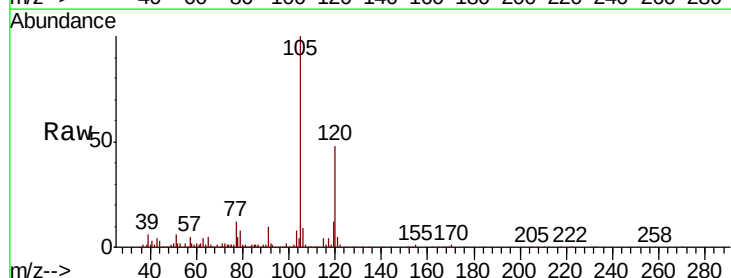
Acq: 11 Dec 2018 20:24

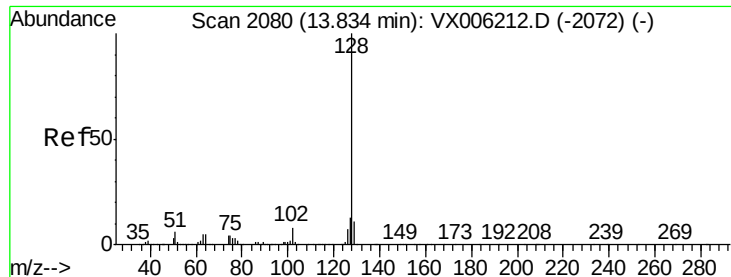
Tgt Ion:105 Resp: 43844

Ion Ratio Lower Upper

105 100

120 48.1 23.4 70.0





#95
Naphthalene
Concen: 10.119 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006432.D
Acq: 11 Dec 2018 20:24

Instrument :
MSVOA_X
ClientSampleId :
TP-7

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.8	8.9	13.3

