

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX004976.D
 Acq On : 03 Oct 2018 18:26
 Operator : JC/MD
 Sample : PB113446ZHE#02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#02

Quant Time: Oct 04 02:12:05 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	277106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	442037	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	431031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	253781	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	188966	47.74	ug/l	0.00
Spiked Amount			Recovery	=	95.48%	
35) Dibromofluoromethane	5.51	113	163414	43.62	ug/l	0.00
Spiked Amount			Recovery	=	87.24%	
50) Toluene-d8	8.72	98	630809	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	11.14	95	244762	54.55	ug/l	0.00
Spiked Amount			Recovery	=	109.10%	

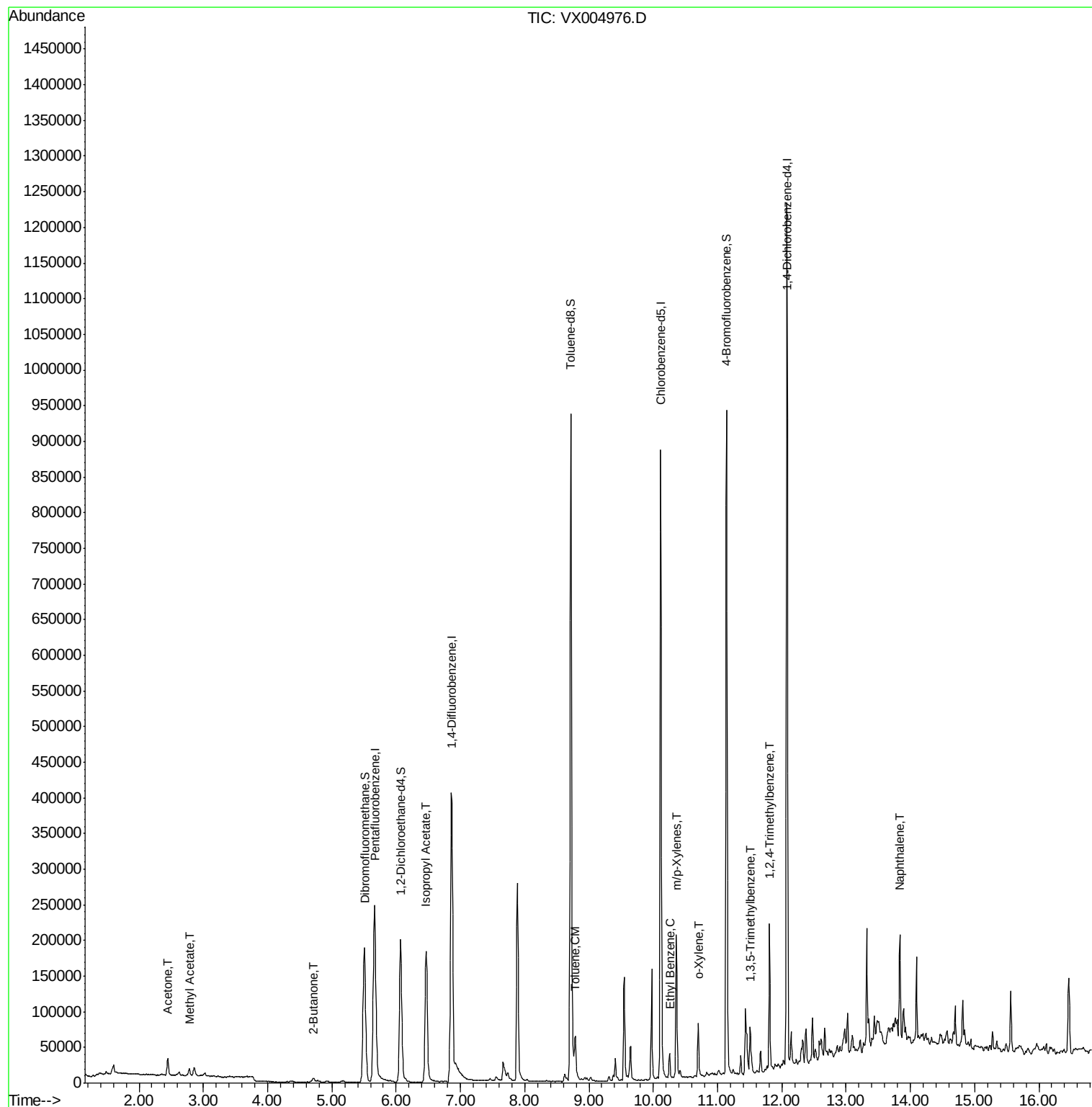
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	25502	11.035	ug/l	92
18) Methyl Acetate	2.78	43	11798	2.015	ug/l	95
25) 2-Butanone	4.71	43	9863	2.895	ug/l	96
43) Isopropyl Acetate	6.46	43	259382	26.487	ug/l	95
52) Toluene	8.79	92	18943	2.154	ug/l	98
67) Ethyl Benzene	10.26	91	22270	1.269	ug/l	94
68) m/p-Xylenes	10.36	106	47286	6.896	ug/l	94
69) o-Xylene	10.70	106	16574	2.632	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	27089	1.657	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	93068	5.981	ug/l	99
95) Naphthalene	13.83	128	90364	4.939	ug/l	99

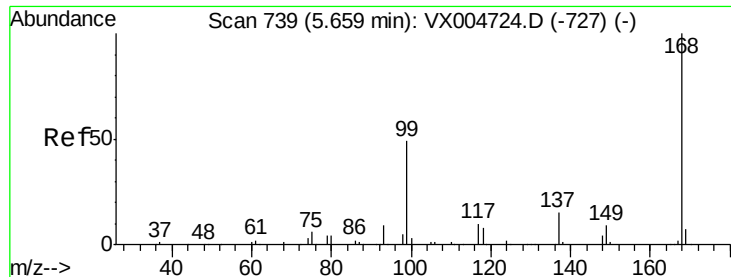
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100418\
Data File : VX004976.D
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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#02

Quant Time: Oct 04 02:12:05 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004976.D

Acq: 03 Oct 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

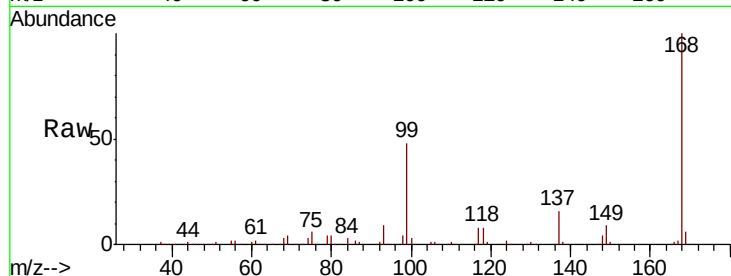
PB113446ZHE#02

Tot Ion:168 Resp: 277106

Ion Ratio Lower Upper

168 100

99 47.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

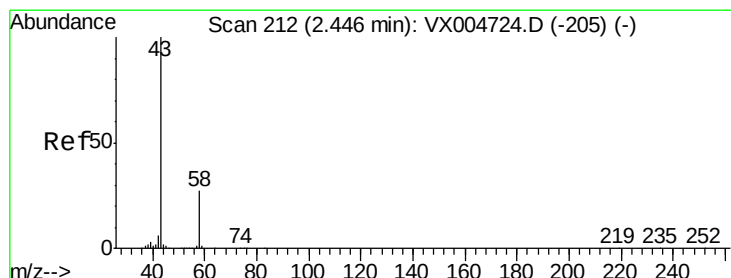
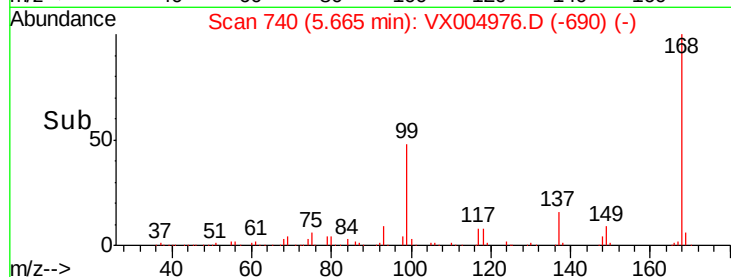
40000

20000

0

Time-->

5.60 5.80 6.00



#16

Acetone

Concen: 11.035 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004976.D

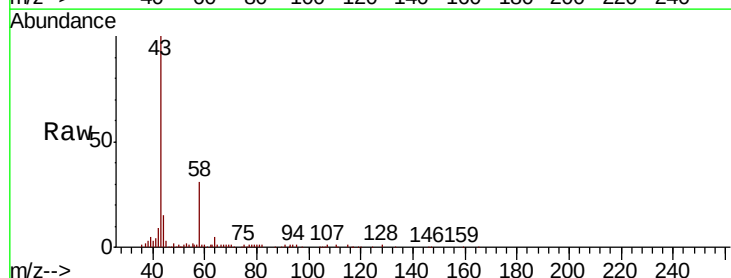
Acq: 03 Oct 2018 18:26

Tgt Ion: 43 Resp: 25502

Ion Ratio Lower Upper

43 100

58 31.2 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

15000

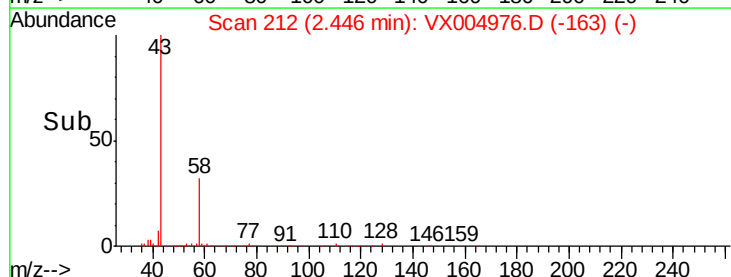
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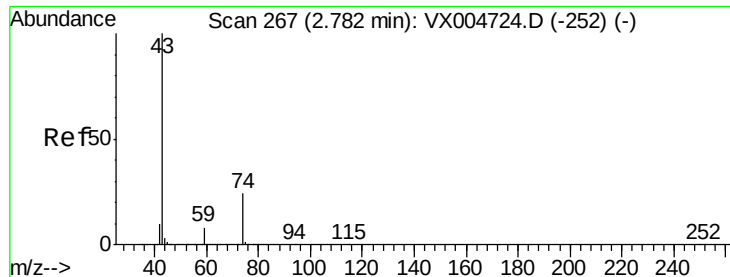
5000

0

Time-->

2.35 2.40 2.45 2.50

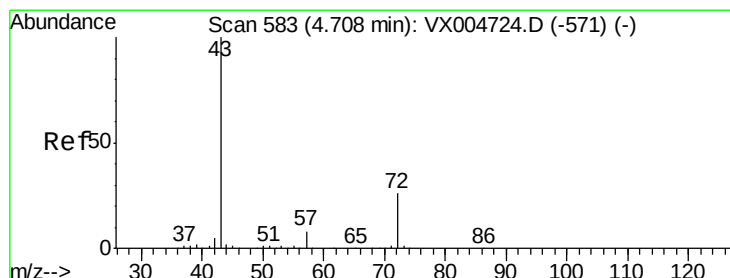
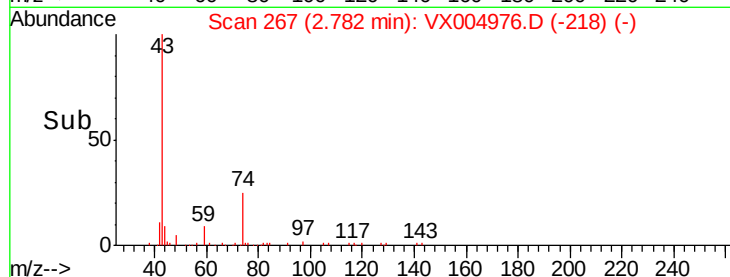
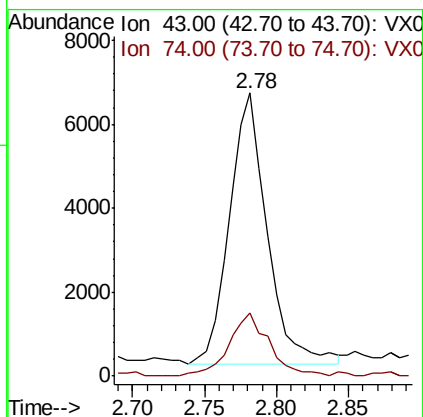
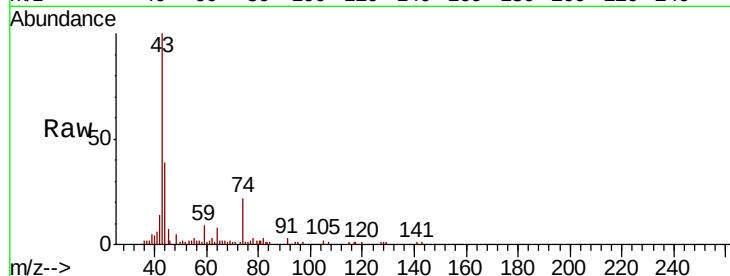




#18
Methvl Acetate
Concen: 2.015 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX004976.D
Acq: 03 Oct 2018 18:26

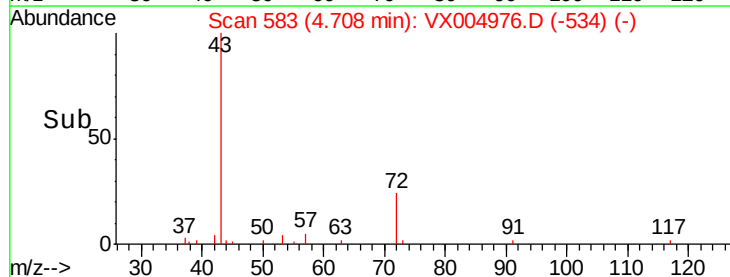
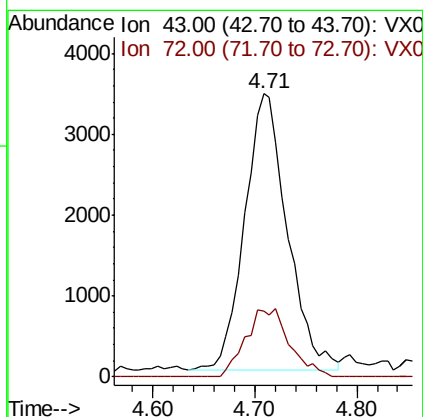
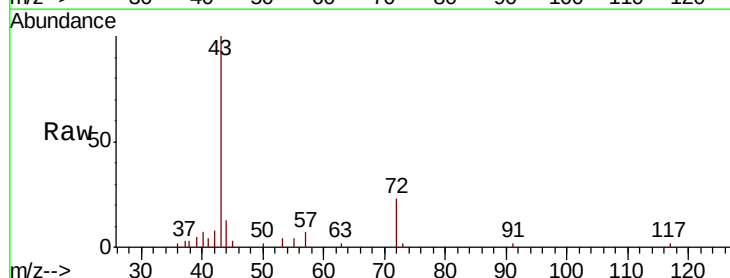
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#02

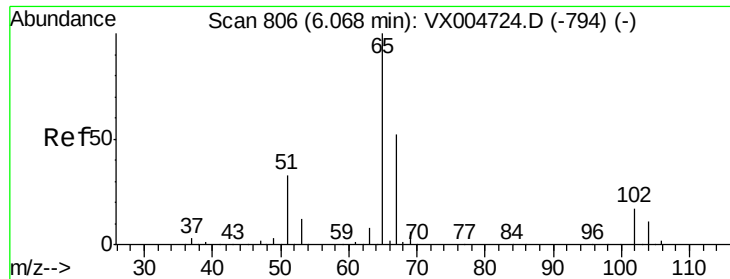
Tot Ion: 43 Resp: 11798
Ion Ratio Lower Upper
43 100
74 24.9 17.8 26.8



#25
2-Butanone
Concen: 2.895 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.00 min
Lab File: VX004976.D
Acq: 03 Oct 2018 18:26

Tgt Ion: 43 Resp: 9863
Ion Ratio Lower Upper
43 100
72 23.8 20.8 31.2

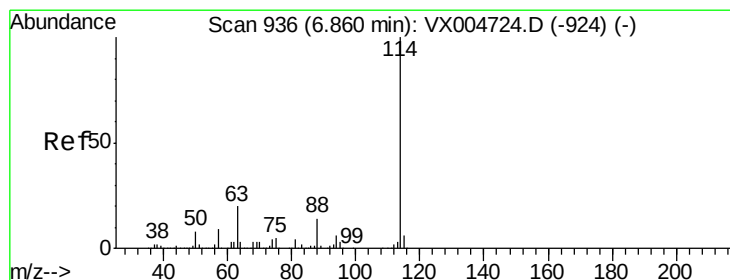
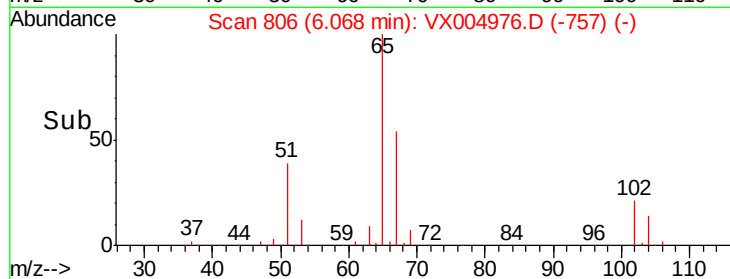
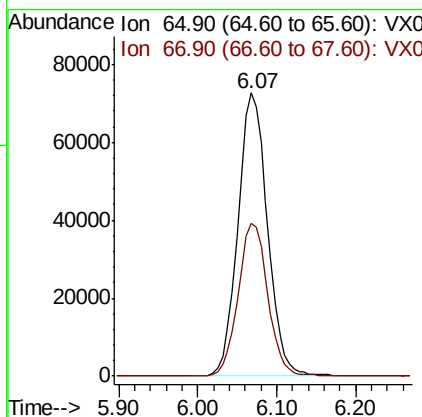
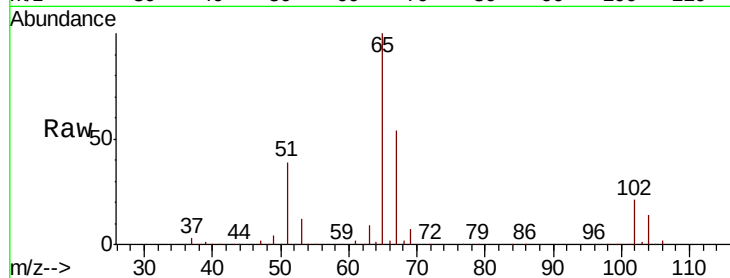




#33
 1,2-Dichloroethane-d4
 Concen: 47.737 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004976.D
 Acq: 03 Oct 2018 18:26

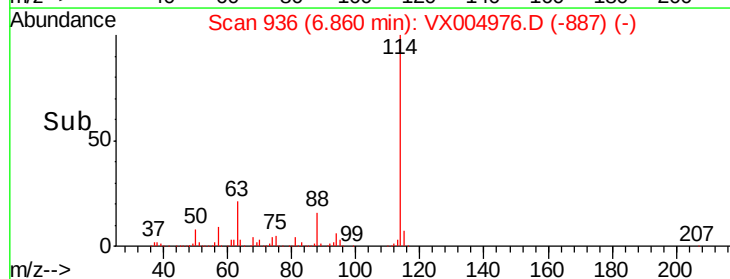
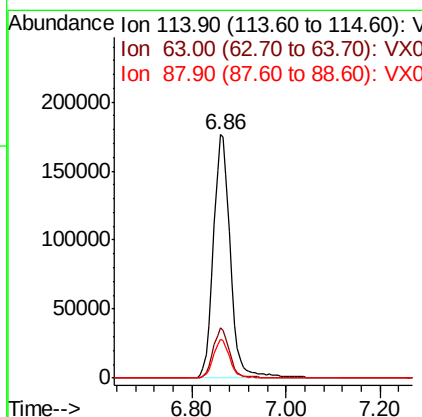
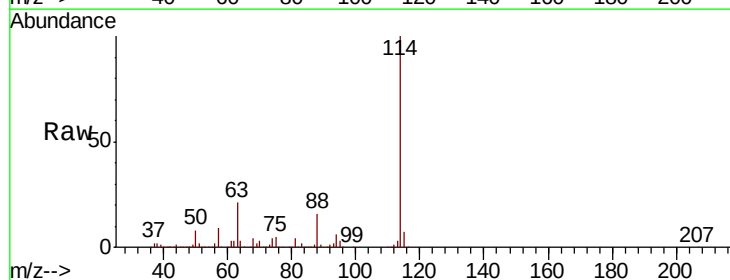
Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#02

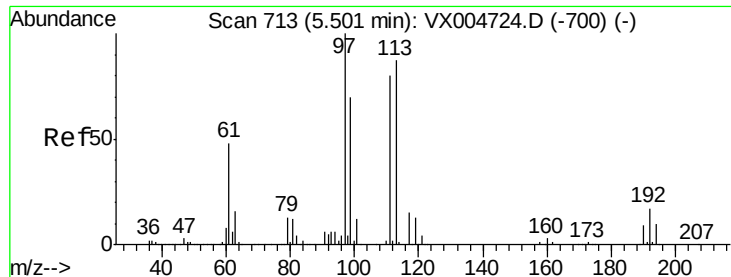
Tot Ion: 65 Resp: 188966
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004976.D
 Acq: 03 Oct 2018 18:26

Tgt Ion: 114 Resp: 442037
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.8
 88 16.1 0.0 27.0

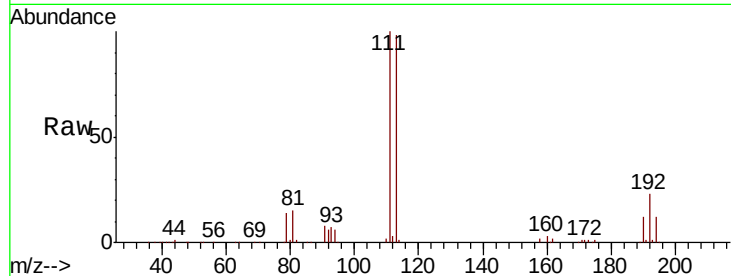




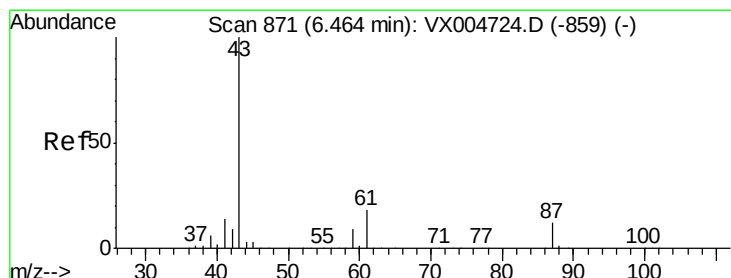
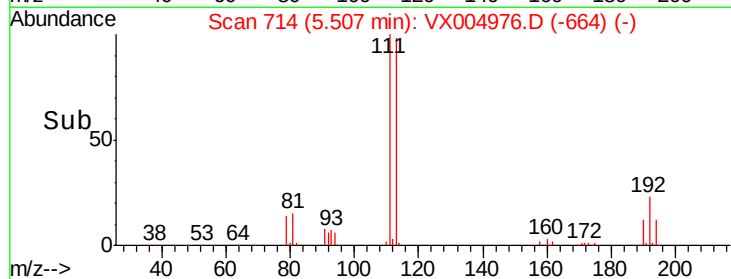
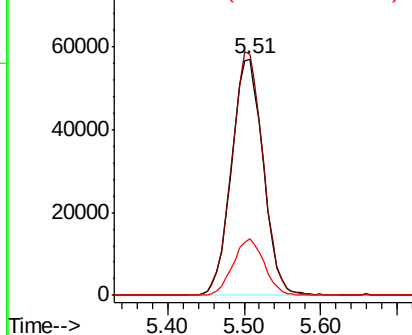
#35
 Dibromofluoromethane
 Concen: 43.620 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004976.D
 Acq: 03 Oct 2018 18:26

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#02

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	77.0	115.4
192	23.6	17.0	25.6

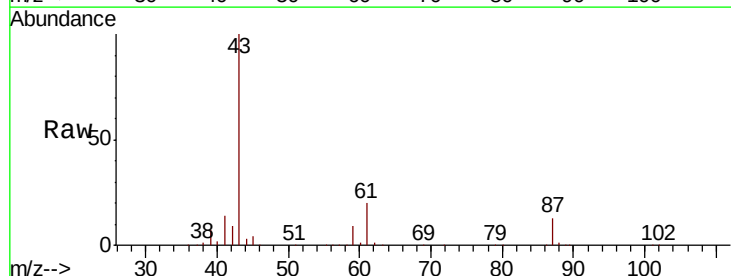


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

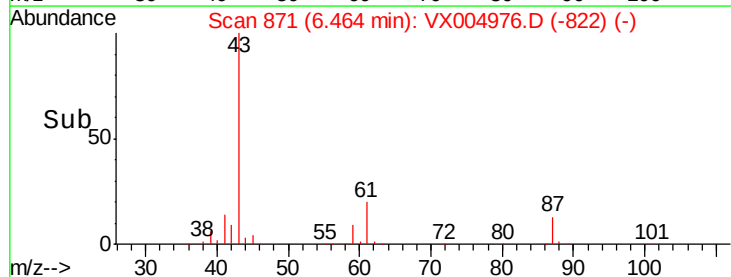
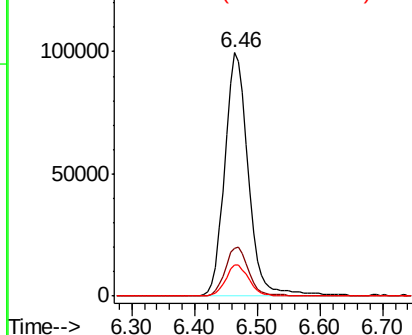


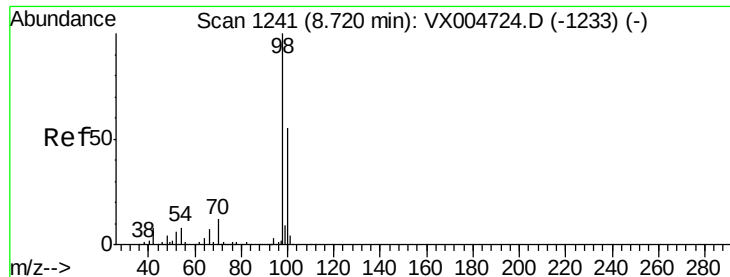
#43
 Isopropyl Acetate
 Concen: 26.487 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: VX004976.D
 Acq: 03 Oct 2018 18:26

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.3	14.2	21.4
87	12.9	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

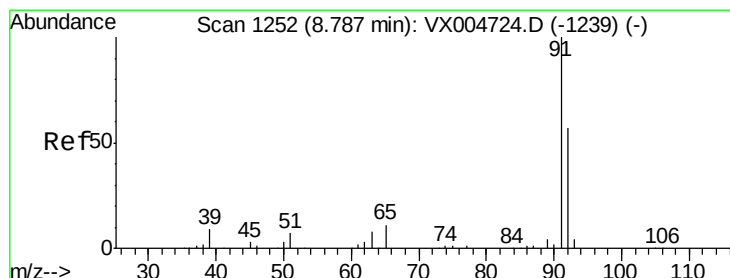
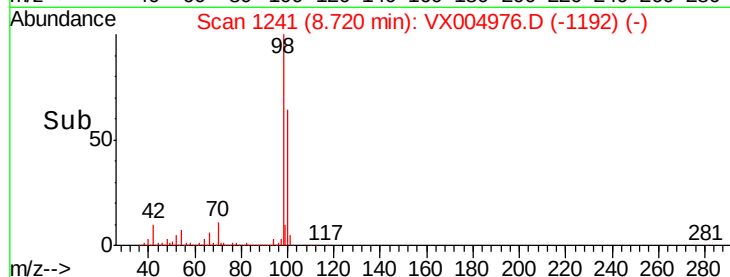
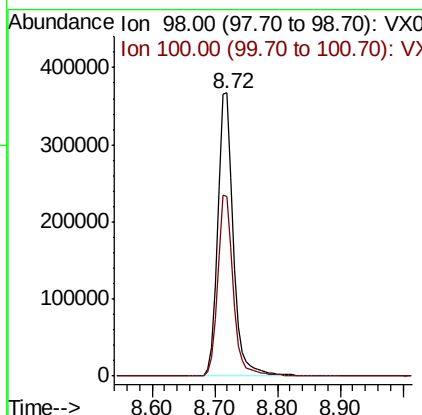
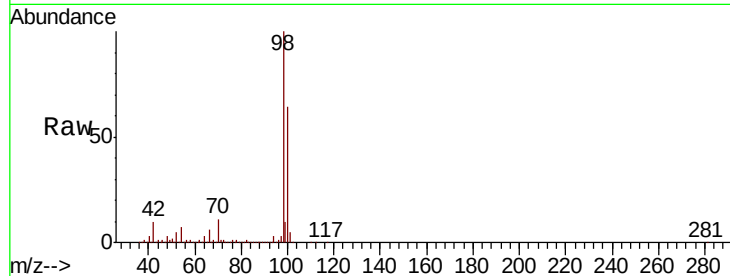




#50
Toluene-d8
Concen: 50.649 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004976.D
Acq: 03 Oct 2018 18:26

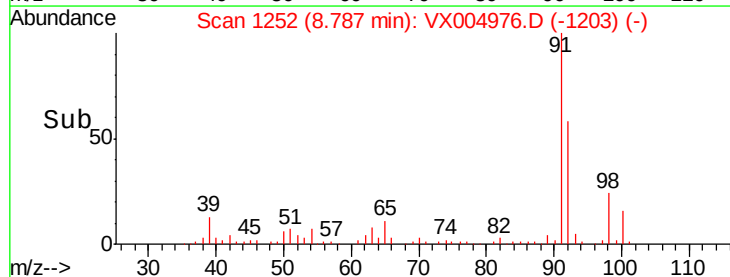
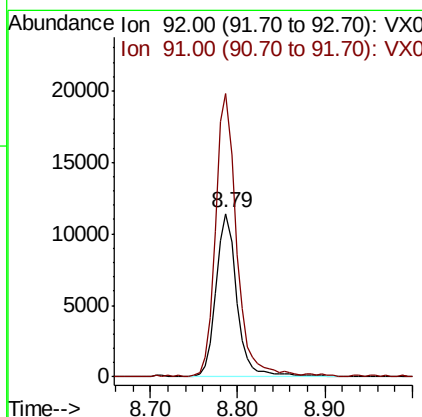
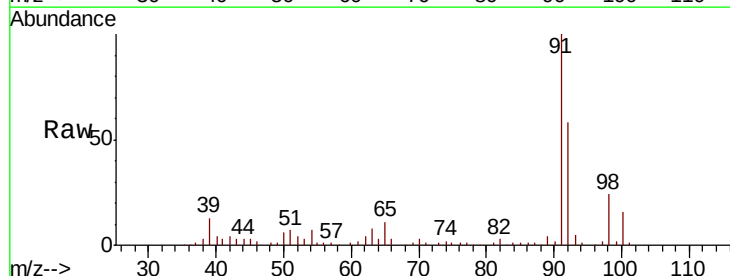
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#02

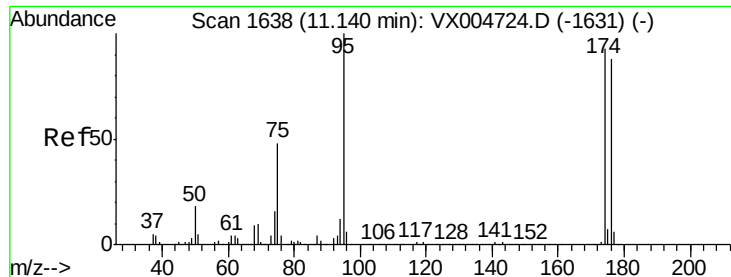
Tot Ion: 98 Resp: 630809
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#52
Toluene
Concen: 2.154 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX004976.D
Acq: 03 Oct 2018 18:26

Tgt Ion: 92 Resp: 18943
Ion Ratio Lower Upper
92 100
91 173.9 136.7 205.1





#62

4-Bromofluorobenzene

Concen: 54.551 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004976.D

Acq: 03 Oct 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#02

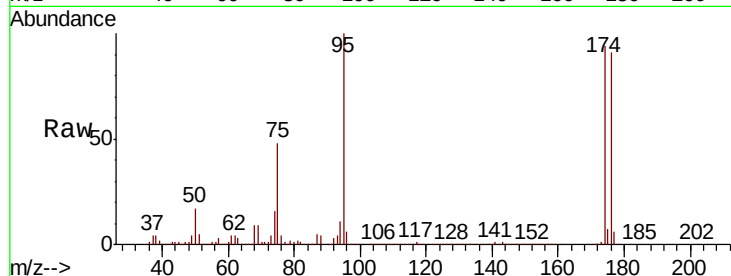
Tot Ion: 95 Resp: 244762

Ion Ratio Lower Upper

95 100

174 91.4 0.0 185.0

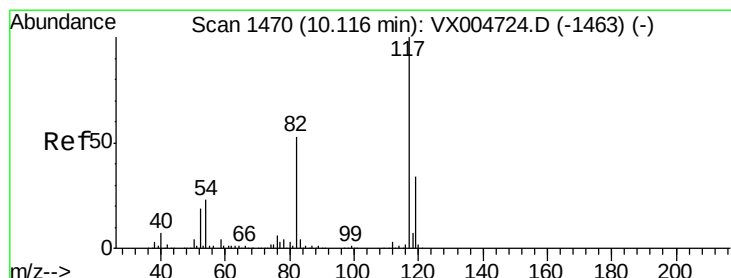
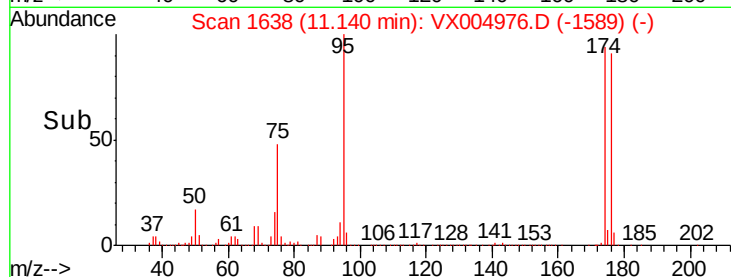
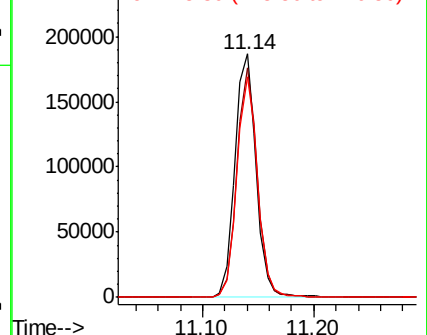
176 89.1 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VX004976.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX004976.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX004976.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX004976.D

Acq: 03 Oct 2018 18:26

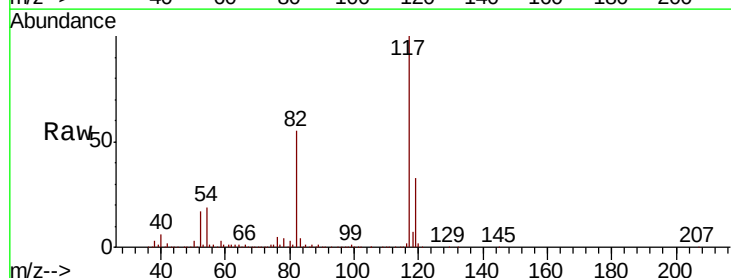
Tgt Ion: 117 Resp: 431031

Ion Ratio Lower Upper

117 100

82 54.5 42.2 63.4

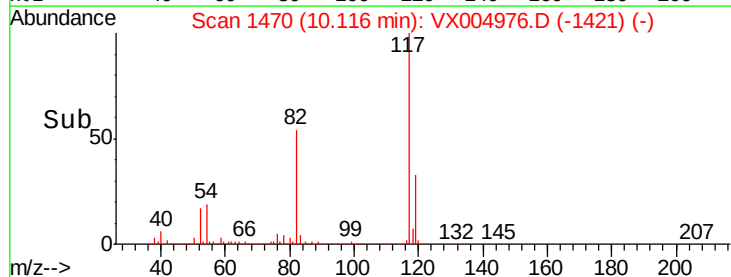
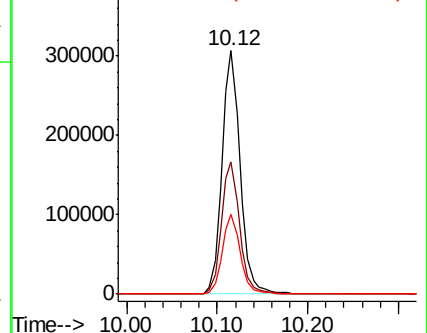
119 32.6 27.4 41.0

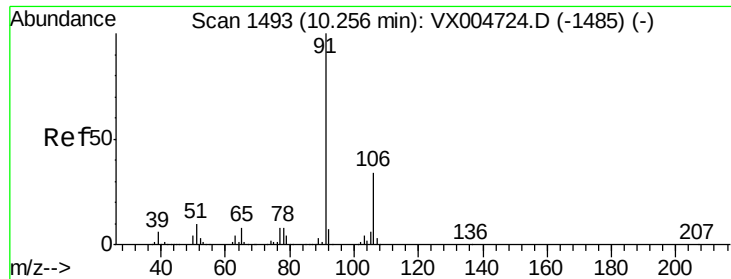


Abundance Ion 116.90 (116.60 to 117.60): VX004976.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX004976.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX004976.D (-1421) (-)





#67

Ethyl Benzene

Concen: 1.269 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX004976.D

Acq: 03 Oct 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

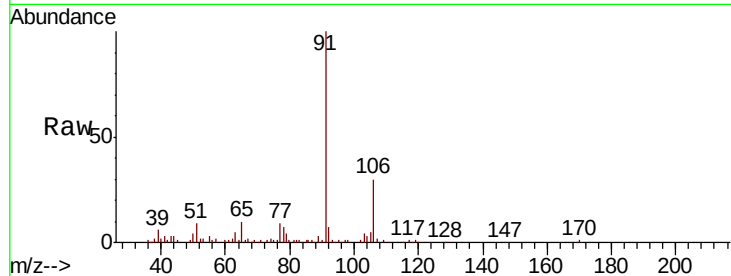
PB113446ZHE#02

Tot Ion: 91 Resp: 22270

Ion Ratio Lower Upper

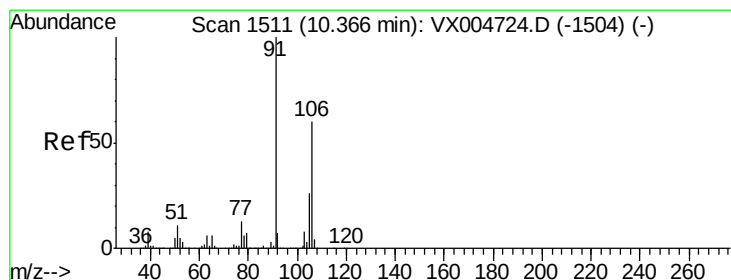
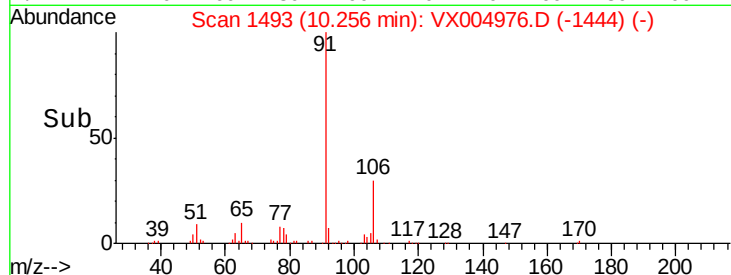
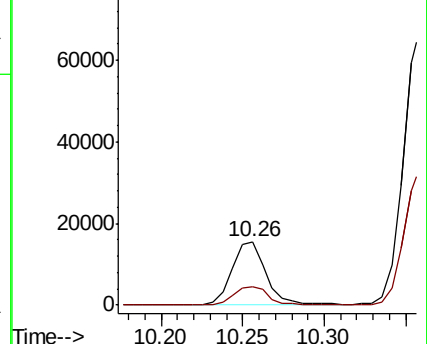
91 100

106 30.0 26.9 40.3



Abundance Ion 91.00 (90.70 to 91.70): VX004976.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX004976.D (-1485) (-)



#68

m/p-Xylenes

Concen: 6.896 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX004976.D

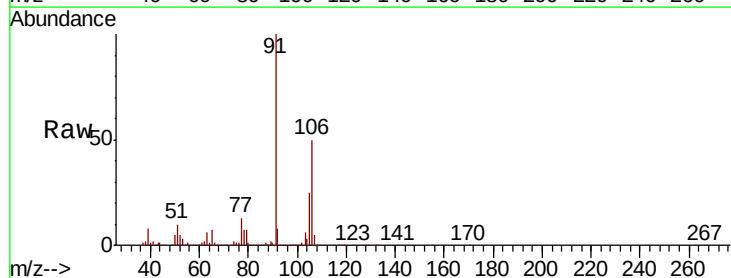
Acq: 03 Oct 2018 18:26

Tgt Ion: 106 Resp: 47286

Ion Ratio Lower Upper

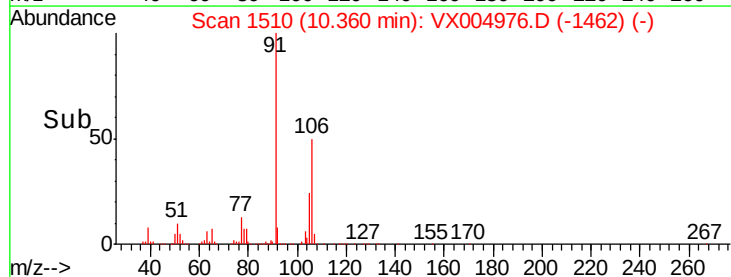
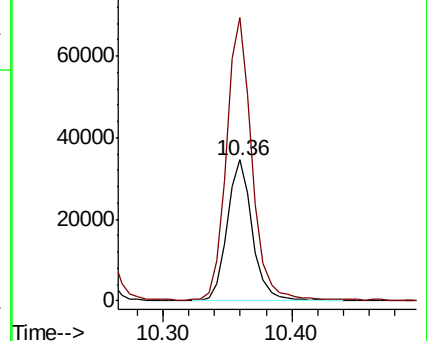
106 100

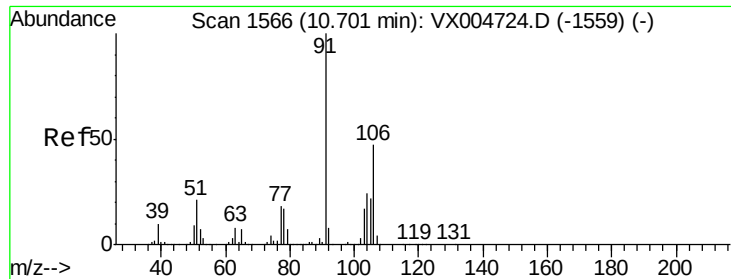
91 205.5 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): VX004976.D (-1504) (-)

Ion 91.00 (90.70 to 91.70): VX004976.D (-1504) (-)

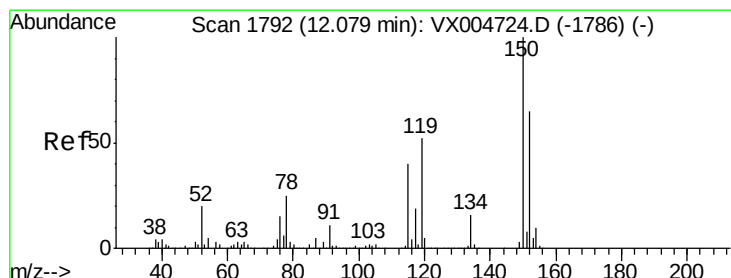
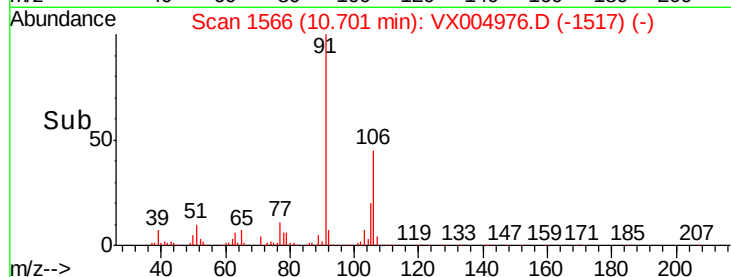
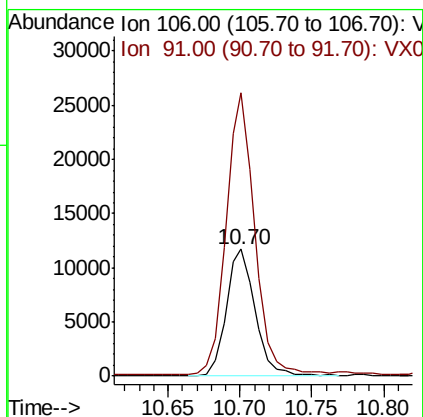
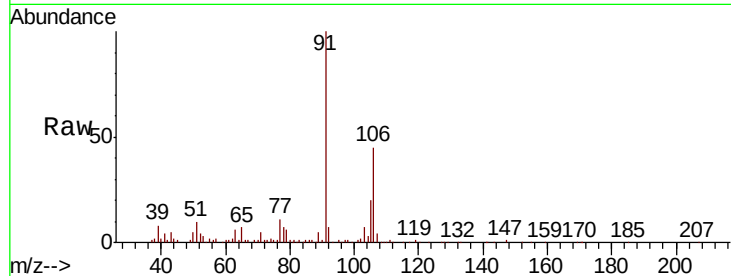




#69
o-Xylene
Concen: 2.632 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004976.D
Acq: 03 Oct 2018 18:26

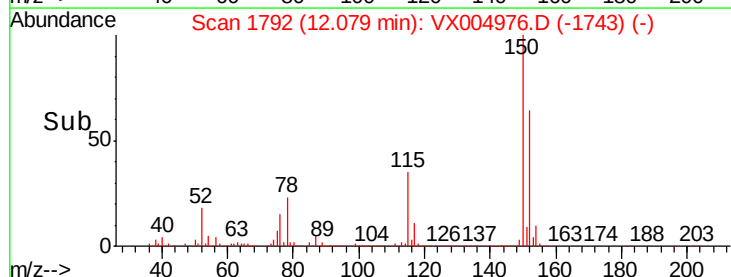
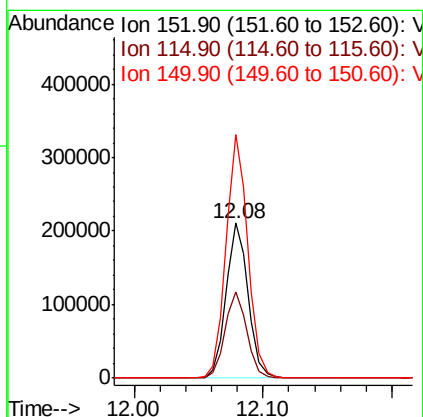
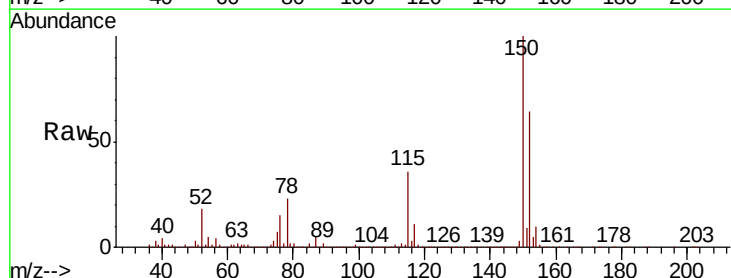
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#02

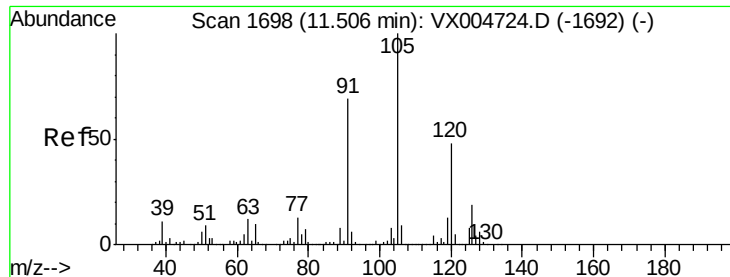
Tot Ion:106 Resp: 16574
Ion Ratio Lower Upper
106 100
91 216.8 108.3 324.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004976.D
Acq: 03 Oct 2018 18:26

Tgt Ion:152 Resp: 253781
Ion Ratio Lower Upper
152 100
115 55.0 40.2 120.6
150 155.3 0.0 351.0





#80

1,3,5-Trimethylbenzene

Concen: 1.657 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004976.D

Acq: 03 Oct 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

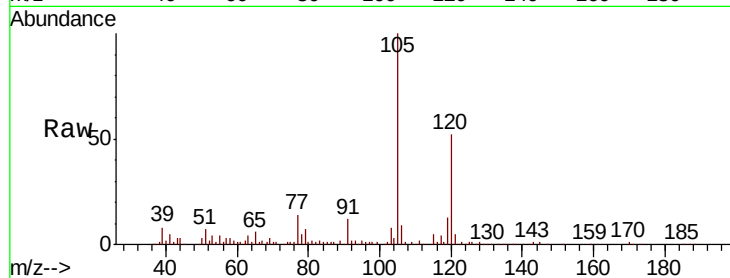
PB113446ZHE#02

Tot Ion:105 Resp: 27089

Ion Ratio Lower Upper

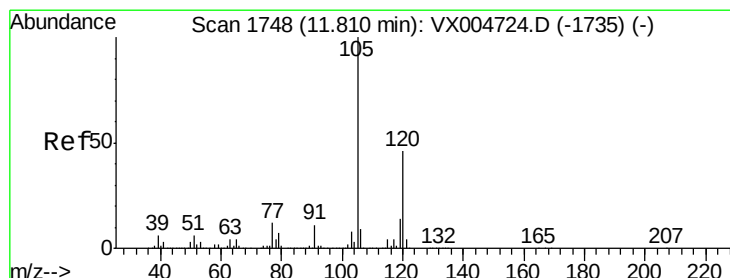
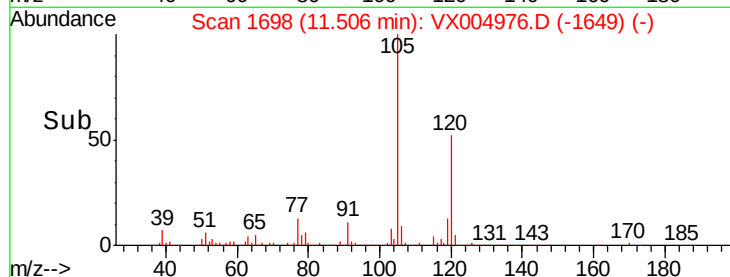
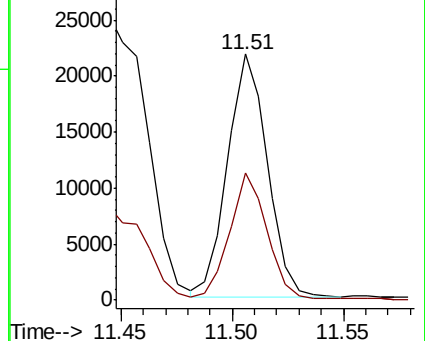
105 100

120 48.0 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 5.981 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.00 min

Lab File: VX004976.D

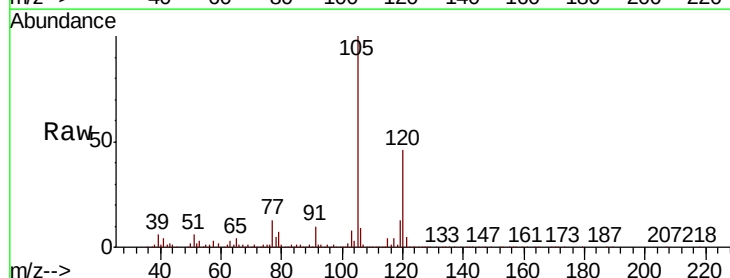
Acq: 03 Oct 2018 18:26

Tgt Ion:105 Resp: 93068

Ion Ratio Lower Upper

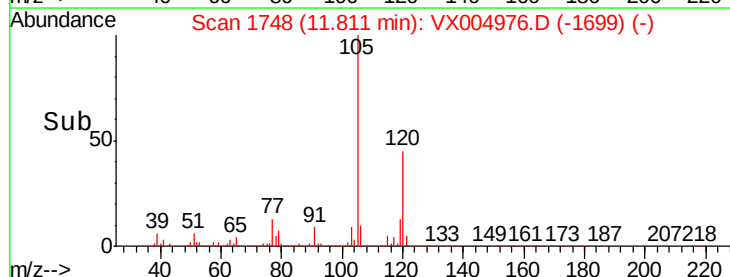
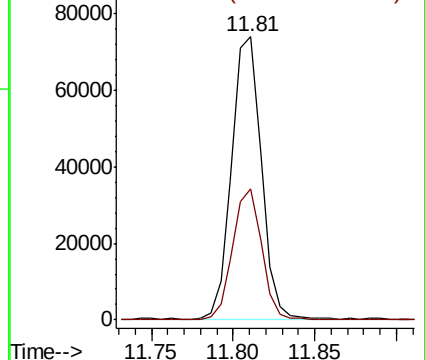
105 100

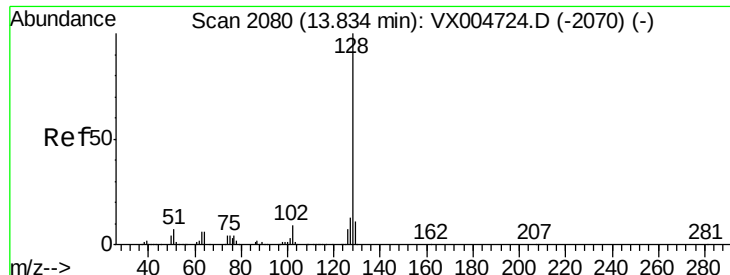
120 45.1 22.8 68.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

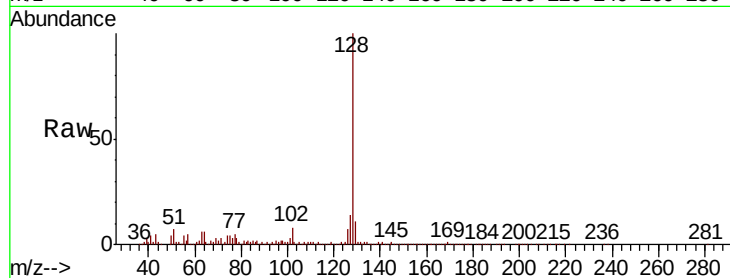




#95
Naphthalene
Concen: 4.939 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004976.D
Acq: 03 Oct 2018 18:26

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	10.9	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

