

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111418\
 Data File : VX005975.D
 Acq On : 14 Nov 2018 15:42
 Operator : JC/MD
 Sample : J5860-16ME
 Misc : 6.03g/5ml/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-106(2-4)ME

Quant Time: Nov 15 13:11:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	108718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	163125	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	147051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	82525	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	69538	55.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.28%	
35) Dibromofluoromethane	5.52	113	52931	47.71	ug/l	0.01
Spiked Amount	50.000		Recovery	=	95.42%	
50) Toluene-d8	8.71	98	202272	54.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.68%	
62) 4-Bromofluorobenzene	11.14	95	82567	62.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.52%	

Target Compounds

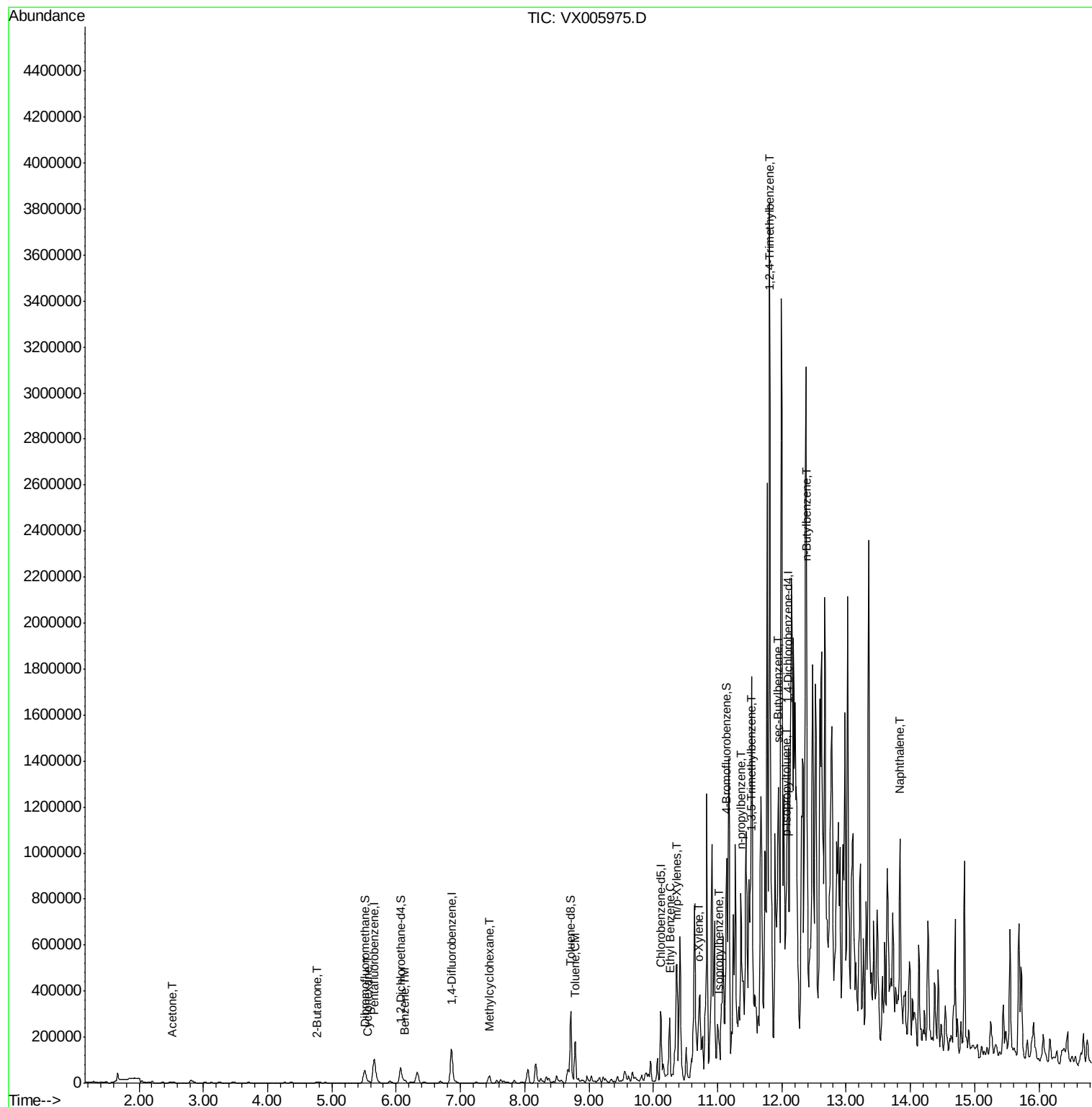
						Qvalue
16) Acetone	2.51	43	8402	12.49	ug/l	96
25) 2-Butanone	4.76	43	10809	10.22	ug/l	97
31) Cyclohexane	5.56	56	2799	1.61	ug/l #	73
39) Methylcyclohexane	7.46	83	12121	7.60	ug/l	94
40) Benzene	6.13	78	14163	3.09	ug/l	97
52) Toluene	8.79	92	69054	26.95	ug/l	99
67) Ethyl Benzene	10.26	91	117845	24.95	ug/l	99
68) m/p-Xylenes	10.36	106	86995	48.28	ug/l	98
69) o-Xylene	10.70	106	38161	23.62	ug/l	97
73) Isopropylbenzene	11.02	105	39789	8.34	ug/l	100
78) n-propylbenzene	11.37	91	174909	31.10	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	241012	59.43	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	1140090	255.23	ug/l	99
85) sec-Butylbenzene	11.95	105	100805	20.09	ug/l	94
86) p-Isopropyltoluene	12.07	119	147455	33.18	ug/l	100
89) n-Butylbenzene	12.39	91	266038	64.59	ug/l #	37
95) Naphthalene	13.83	128	553526	92.21	ug/l	97

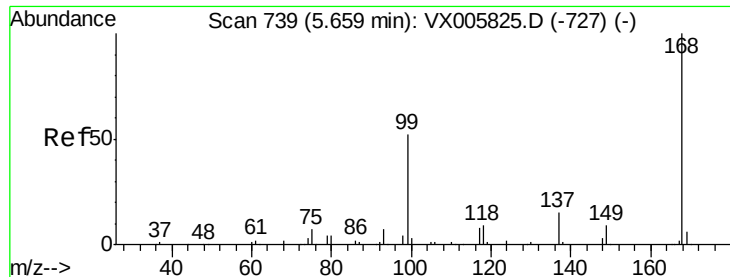
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX111418\
Data File : VX005975.D
Acq On : 14 Nov 2018 15:42
Operator : JC/MD
Sample : J5860-16ME
Misc : 6.03g/5ml/100ul/5.00mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-106(2-4)ME

Quant Time: Nov 15 13:11:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX005975.D

Acq: 14 Nov 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

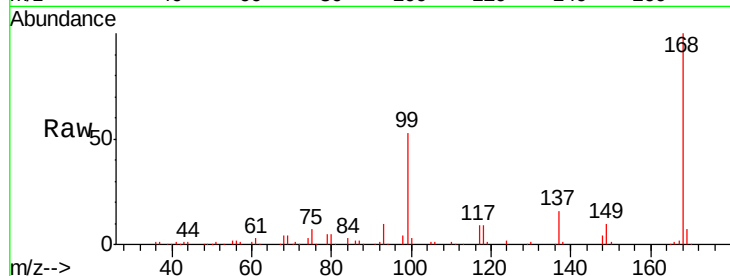
EP2-SB-106(2-4)ME

Tgt Ion:168 Resp: 108718

Ion Ratio Lower Upper

168 100

99 53.0 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

40000

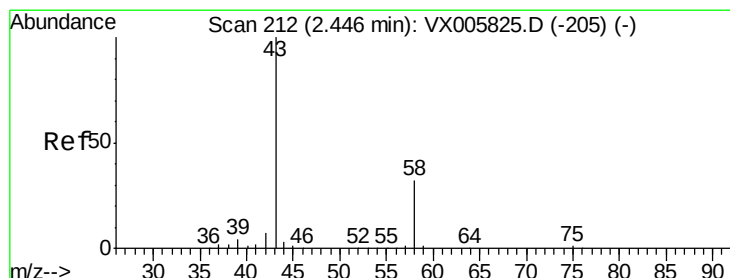
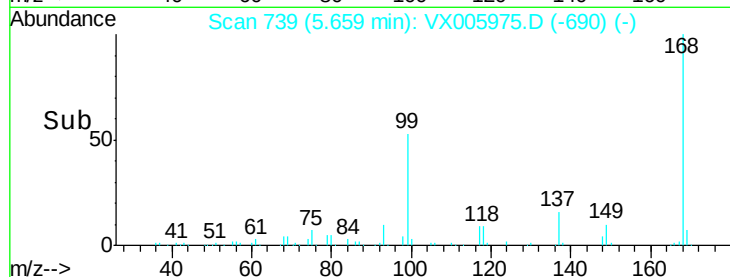
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 12.49 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.07 min

Lab File: VX005975.D

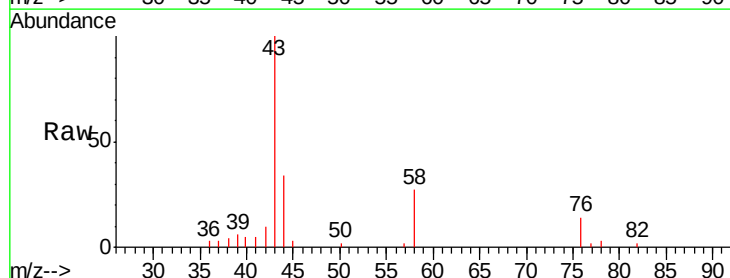
Acq: 14 Nov 2018 15:42

Tgt Ion: 43 Resp: 8402

Ion Ratio Lower Upper

43 100

58 27.6 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.51

3000

2500

2000

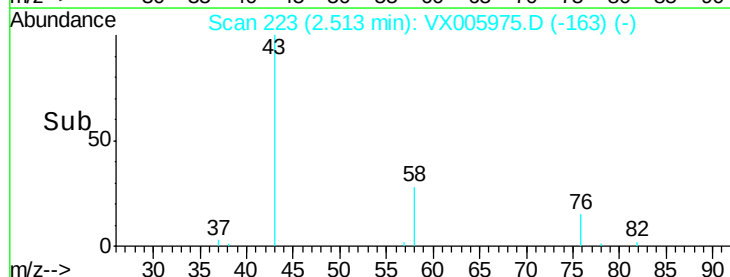
1500

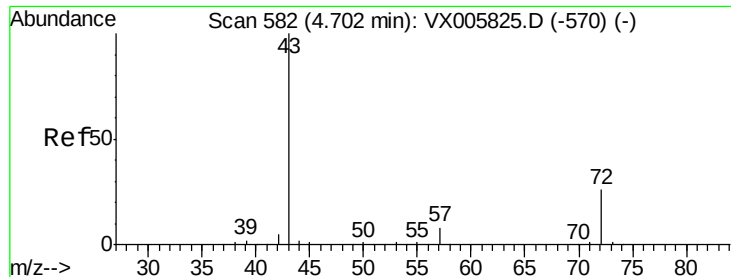
1000

500

0

Time--> 2.40 2.50 2.60





#25

2-Butanone

Concen: 10.22 ug/l

RT: 4.76 min Scan# 592

Delta R.T. 0.06 min

Lab File: VX005975.D

Acq: 14 Nov 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

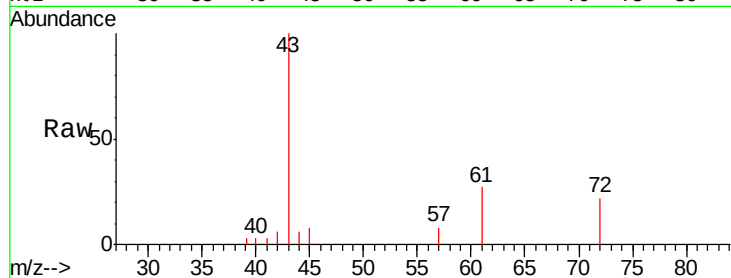
EP2-SB-106(2-4)ME

Tgt Ion: 43 Resp: 10809

Ion Ratio Lower Upper

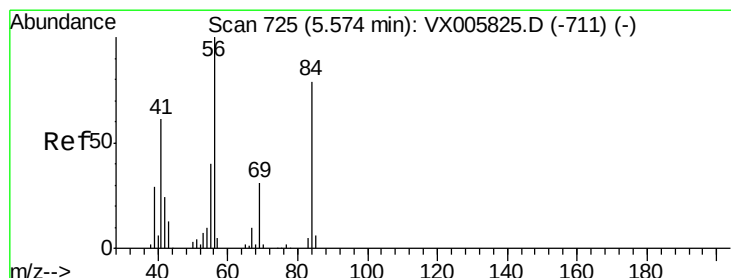
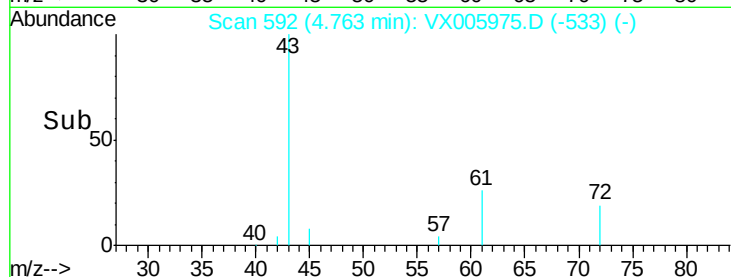
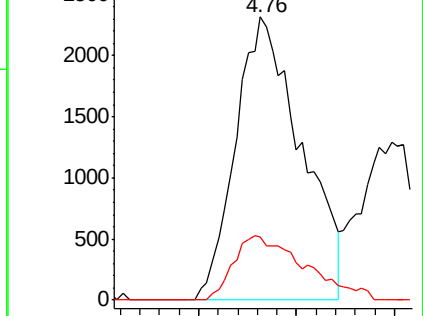
43 100

72 22.3 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#31

Cyclohexane

Concen: 1.61 ug/l

RT: 5.56 min Scan# 723

Delta R.T. -0.01 min

Lab File: VX005975.D

Acq: 14 Nov 2018 15:42

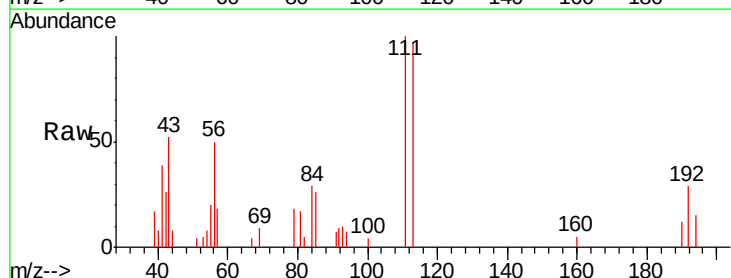
Tgt Ion: 56 Resp: 2799

Ion Ratio Lower Upper

56 100

69 8.8 22.6 34.0#

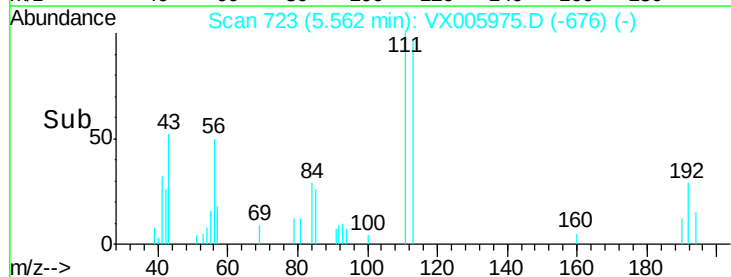
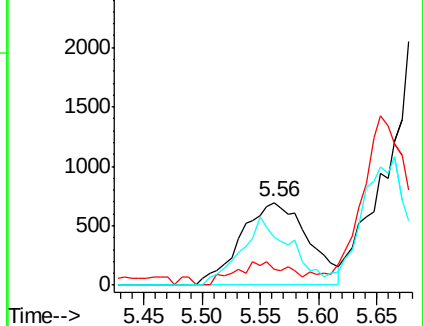
84 57.9 62.7 94.1#

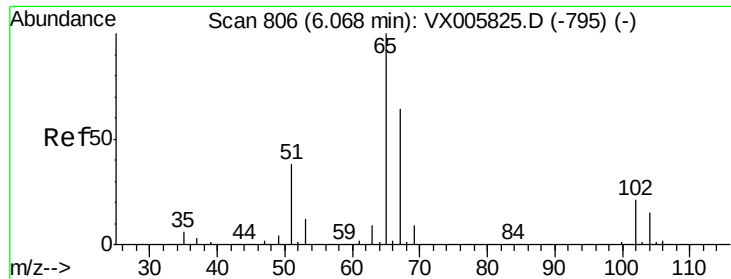


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

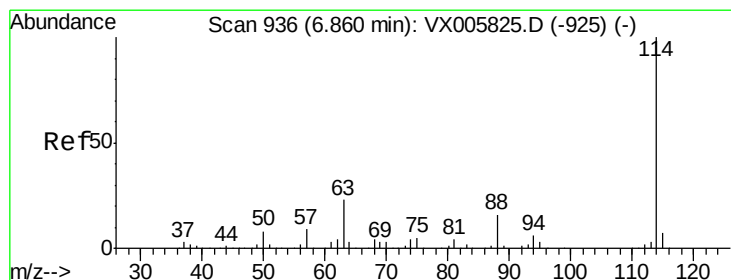
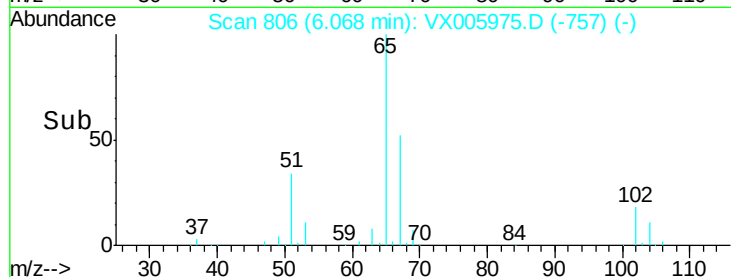
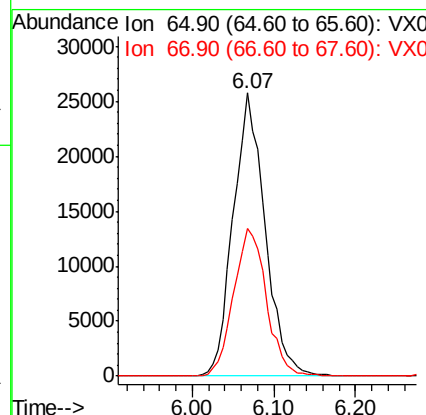
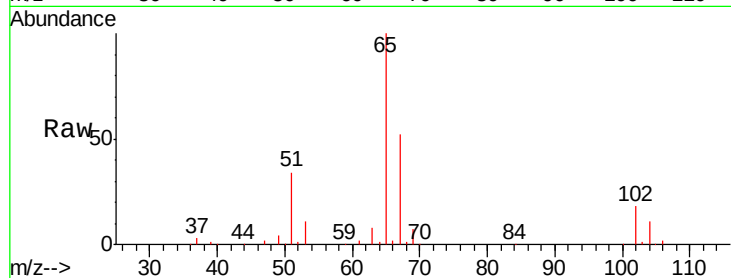




#33
 1,2-Dichloroethane-d4
 Concen: 55.64 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005975.D
 Acq: 14 Nov 2018 15:42

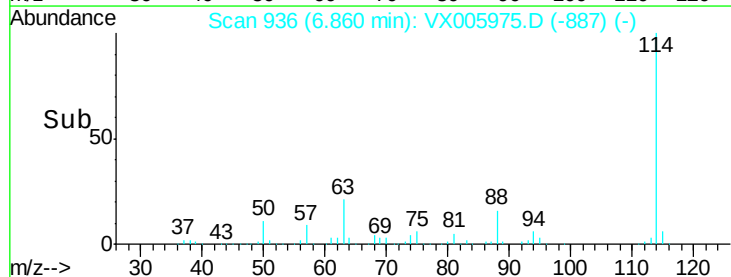
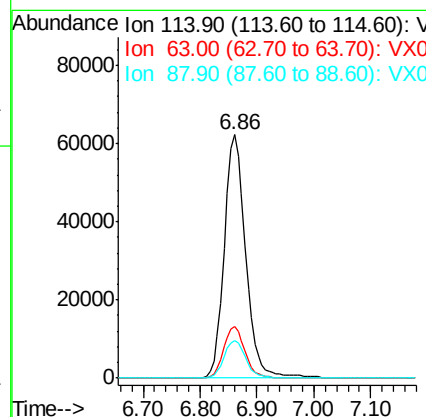
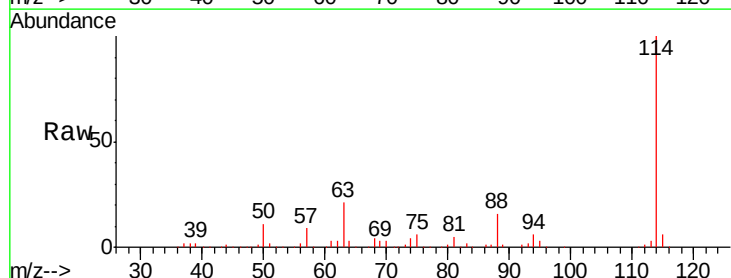
Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-106(2-4)ME

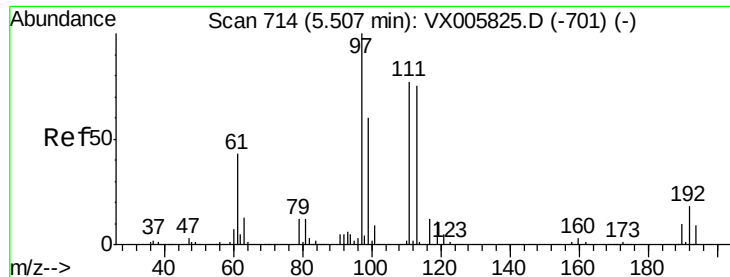
Tgt Ion: 65 Resp: 69538
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005975.D
 Acq: 14 Nov 2018 15:42

Tgt Ion: 114 Resp: 163125
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.8
 88 15.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 47.71 ug/l

RT: 5.52 min Scan# 716

Delta R.T. 0.01 min

Lab File: VX005975.D

Acq: 14 Nov 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-106(2-4)ME

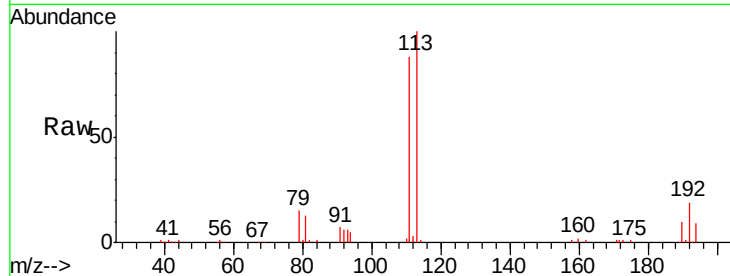
Tgt Ion: 113 Resp: 52931

Ion Ratio Lower Upper

113 100

111 97.9 82.3 123.5

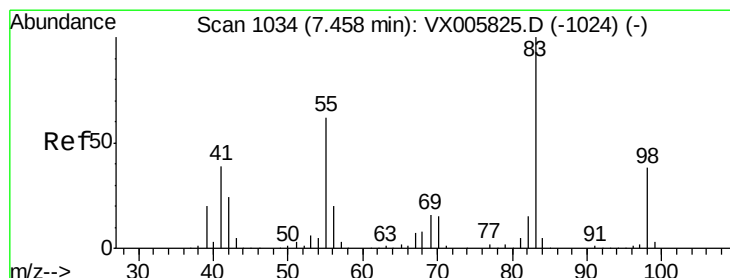
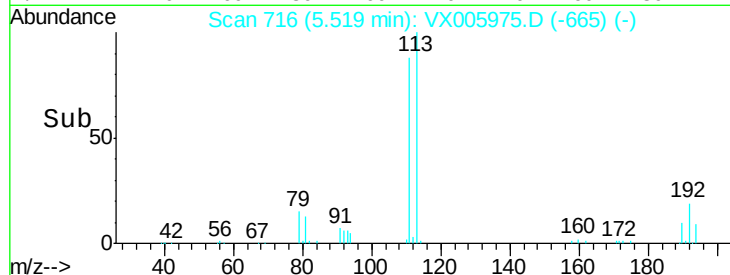
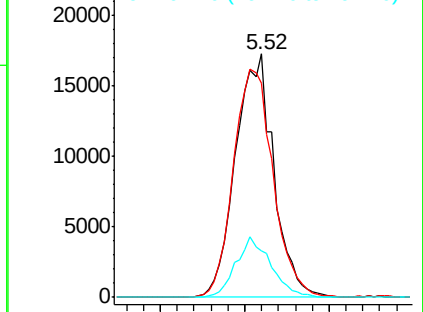
192 22.9 17.9 26.9



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: 7.60 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX005975.D

Acq: 14 Nov 2018 15:42

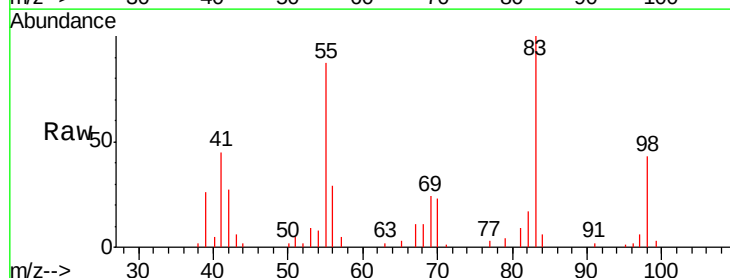
Tgt Ion: 83 Resp: 12121

Ion Ratio Lower Upper

83 100

55 85.7 63.7 95.5

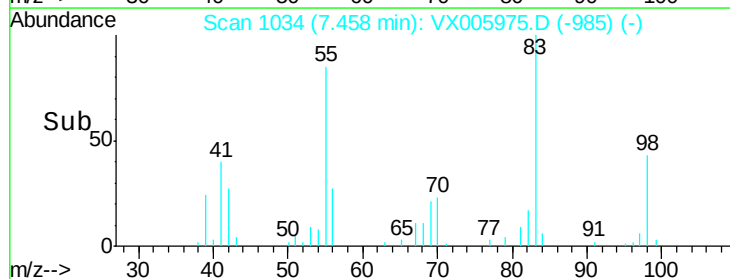
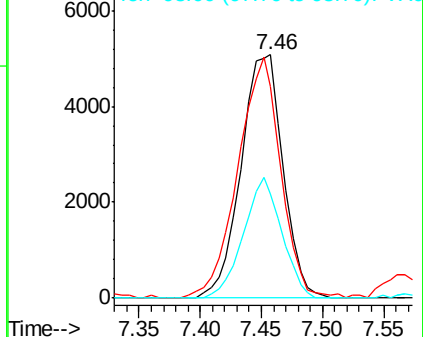
98 42.8 36.2 54.2

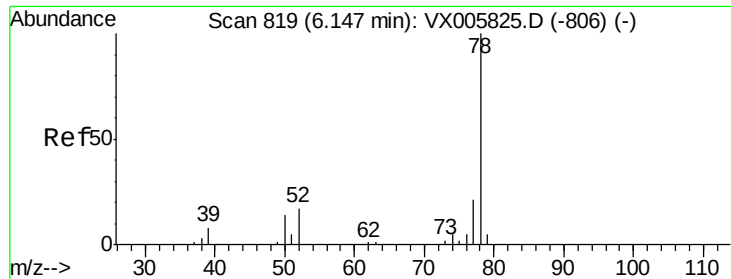


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 3.09 ug/l

RT: 6.13 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX005975.D

Acq: 14 Nov 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

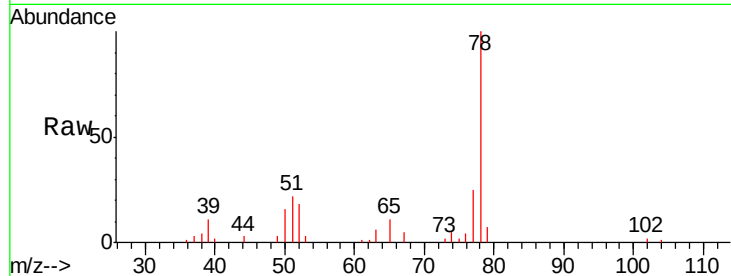
EP2-SB-106(2-4)ME

Tgt Ion: 78 Resp: 14163

Ion Ratio Lower Upper

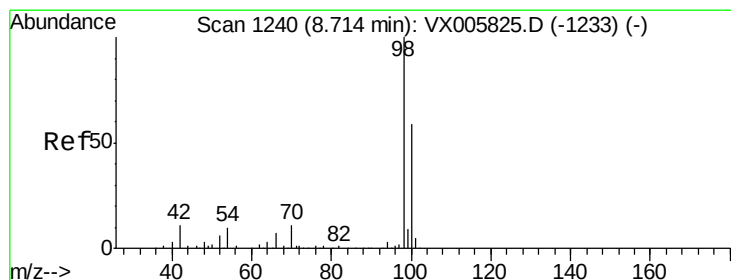
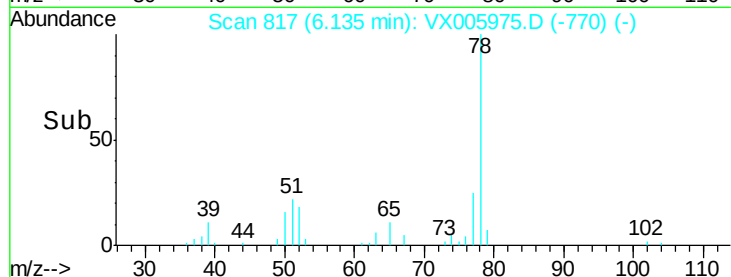
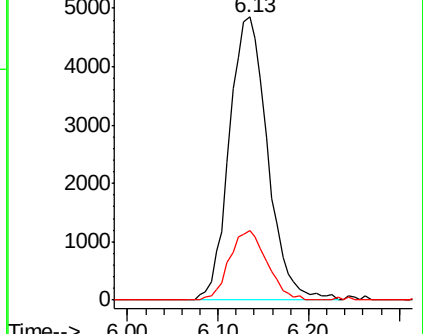
78 100

77 24.6 18.4 27.6



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 54.84 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX005975.D

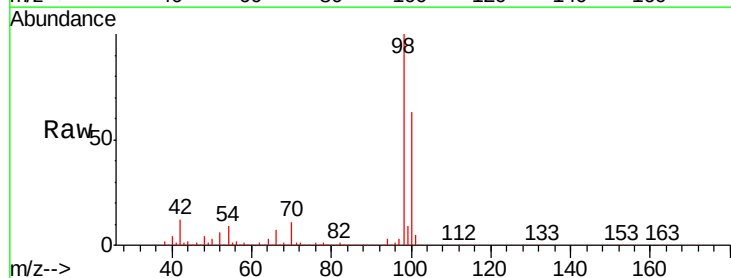
Acq: 14 Nov 2018 15:42

Tgt Ion: 98 Resp: 202272

Ion Ratio Lower Upper

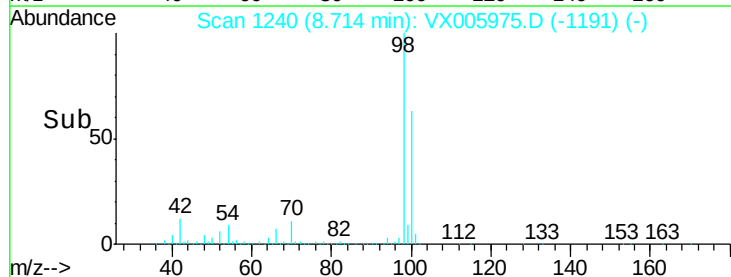
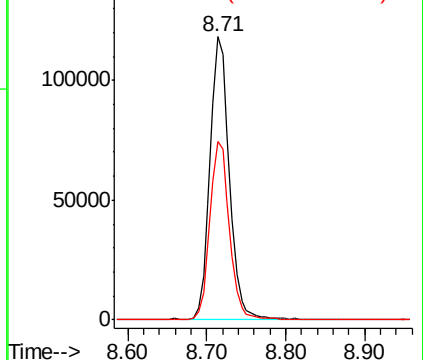
98 100

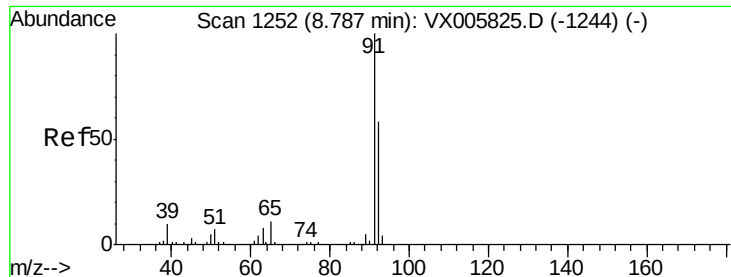
100 64.0 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 26.95 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005975.D

Acq: 14 Nov 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

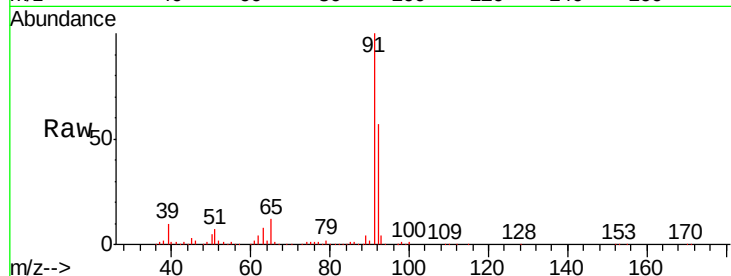
EP2-SB-106(2-4)ME

Tgt Ion: 92 Resp: 69054

Ion Ratio Lower Upper

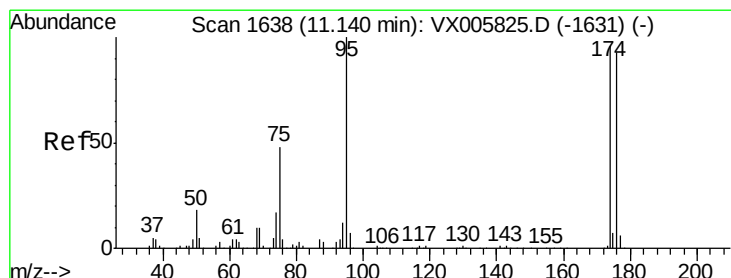
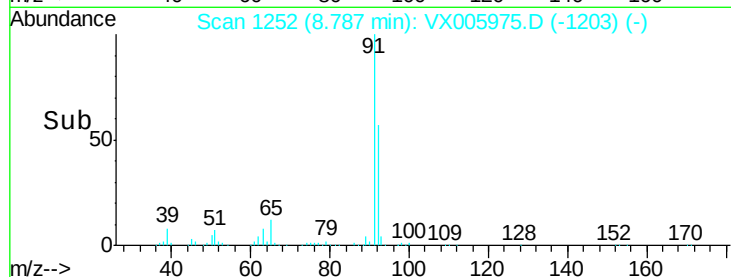
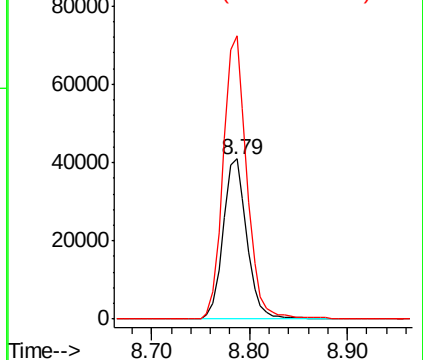
92 100

91 176.8 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 62.26 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005975.D

Acq: 14 Nov 2018 15:42

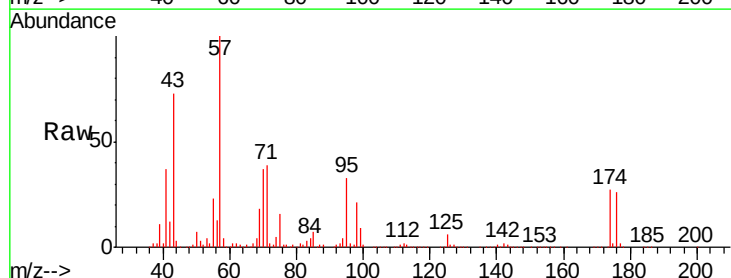
Tgt Ion: 95 Resp: 82567

Ion Ratio Lower Upper

95 100

174 79.0 0.0 184.4

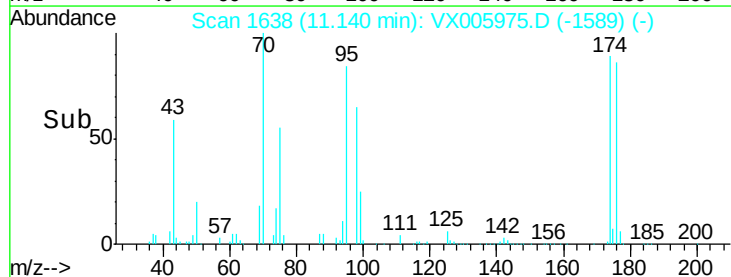
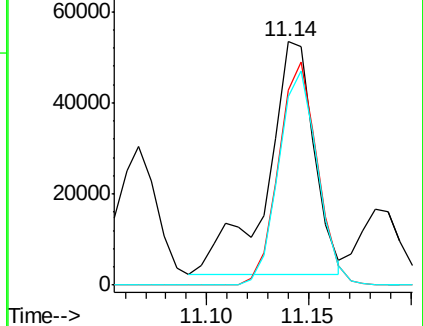
176 76.6 0.0 177.4

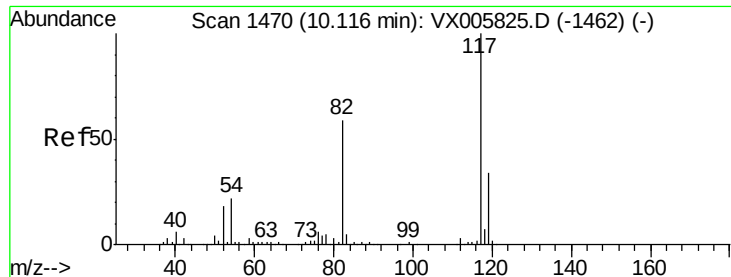


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

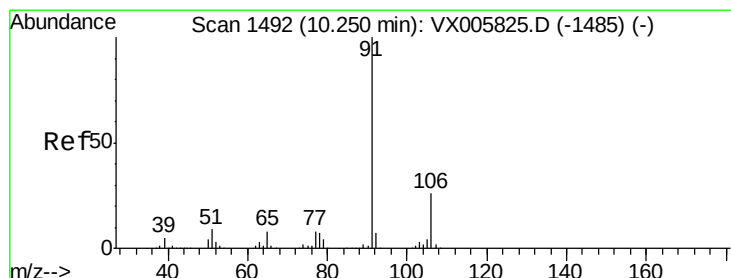
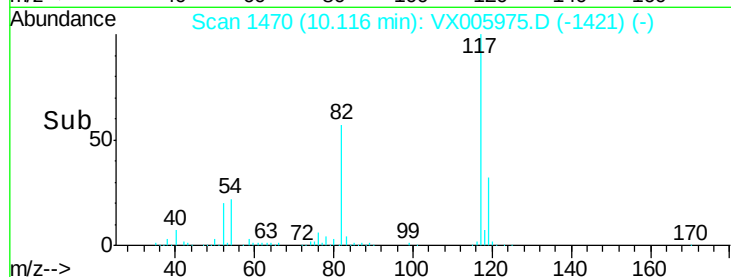
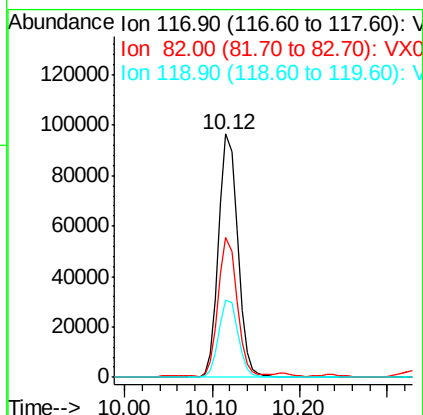
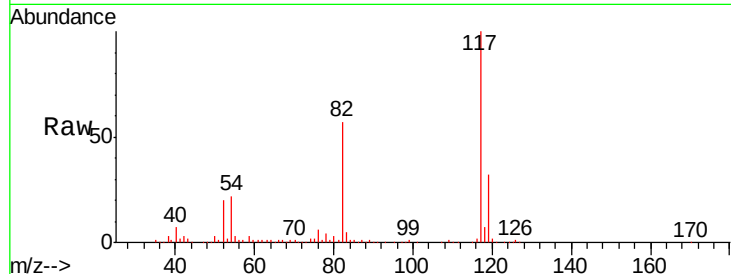




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005975.D
Acq: 14 Nov 2018 15:42

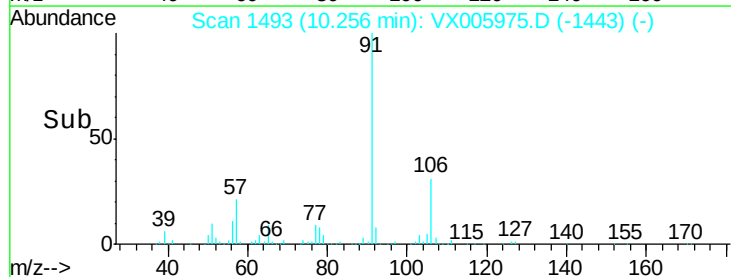
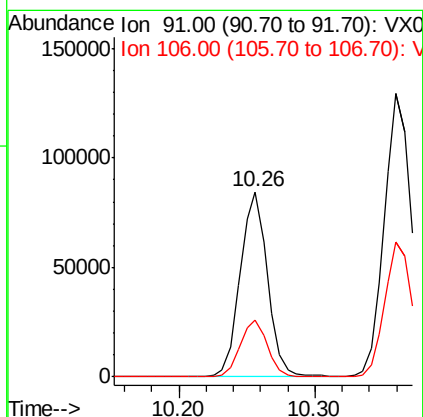
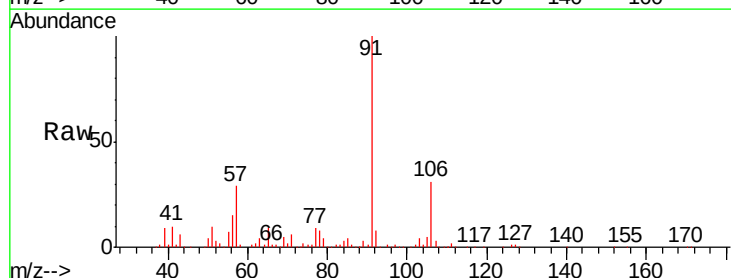
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-106(2-4)ME

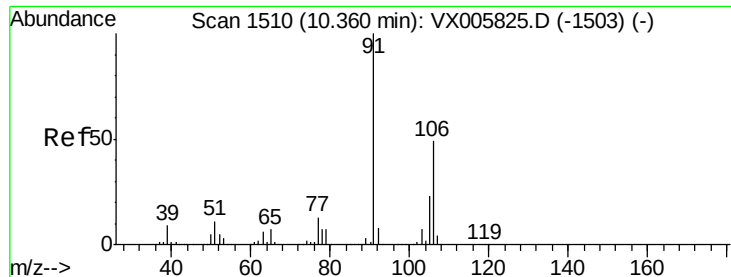
Tgt Ion: 117 Resp: 147051
Ion Ratio Lower Upper
117 100
82 56.9 44.1 66.1
119 31.8 26.2 39.2



#67
Ethyl Benzene
Concen: 24.95 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX005975.D
Acq: 14 Nov 2018 15:42

Tgt Ion: 91 Resp: 117845
Ion Ratio Lower Upper
91 100
106 30.8 24.4 36.6





#68

m/p-Xylenes

Concen: 48.28 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX005975.D

Acq: 14 Nov 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

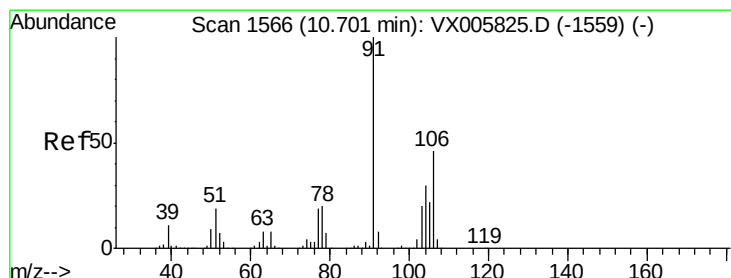
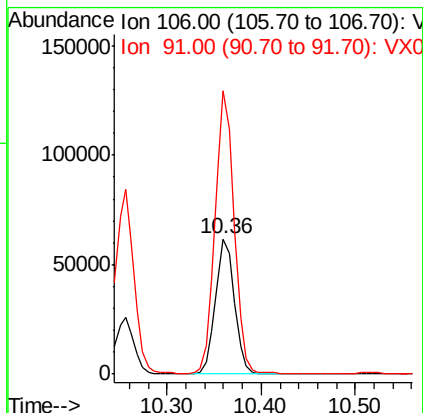
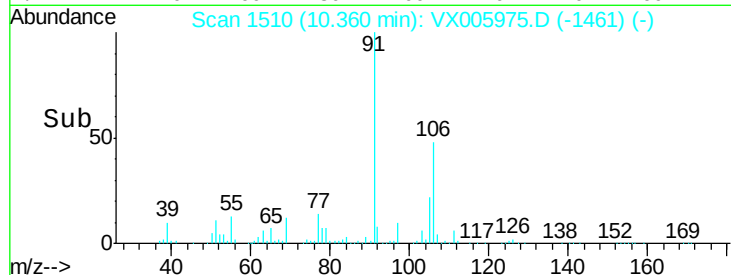
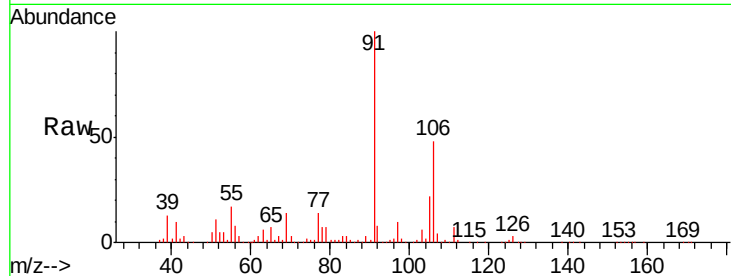
EP2-SB-106(2-4)ME

Tgt Ion:106 Resp: 86995

Ion Ratio Lower Upper

106 100

91 208.6 164.2 246.4



#69

o-Xylene

Concen: 23.62 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VX005975.D

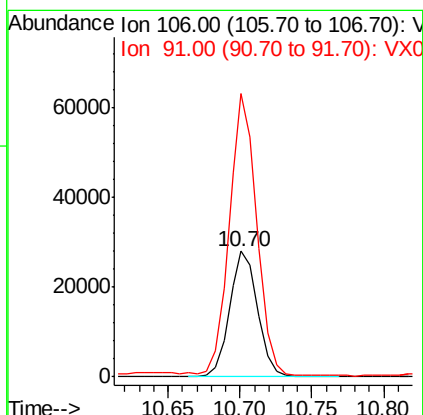
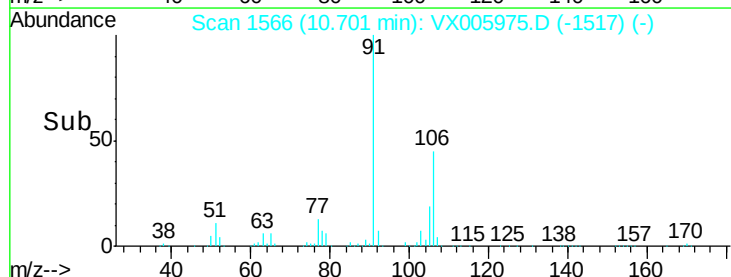
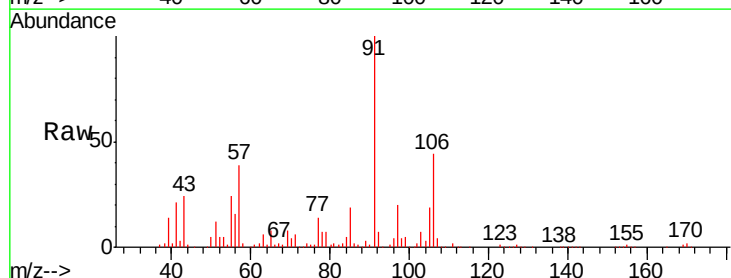
Acq: 14 Nov 2018 15:42

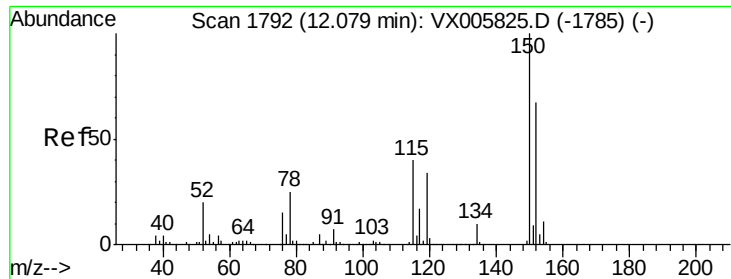
Tgt Ion:106 Resp: 38161

Ion Ratio Lower Upper

106 100

91 221.3 108.5 325.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1793

Delta R.T. 0.01 min

Lab File: VX005975.D

Acq: 14 Nov 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-106(2-4)ME

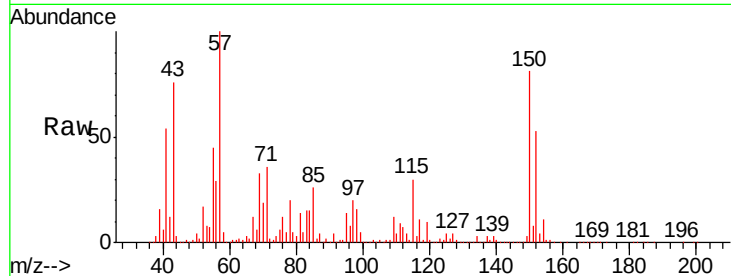
Tgt Ion:152 Resp: 82525

Ion Ratio Lower Upper

152 100

115 66.8 39.4 118.1

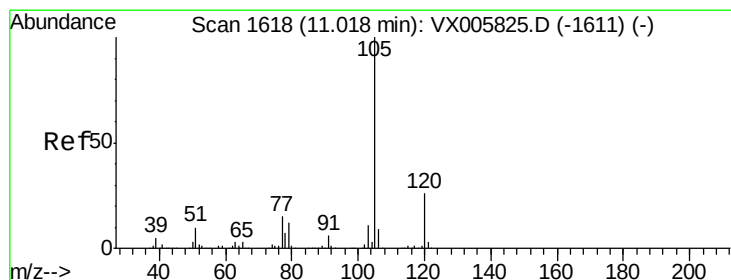
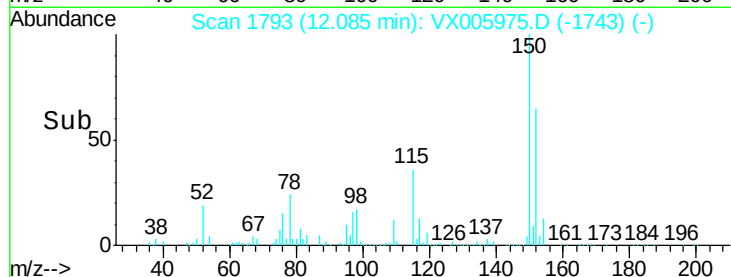
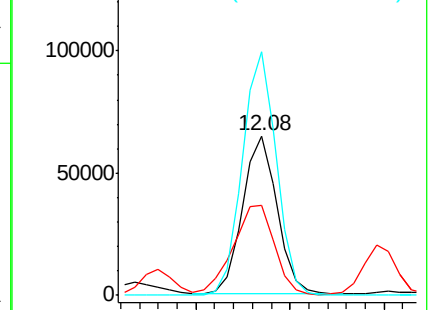
150 150.9 0.0 346.4



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: 8.34 ug/l

RT: 11.02 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VX005975.D

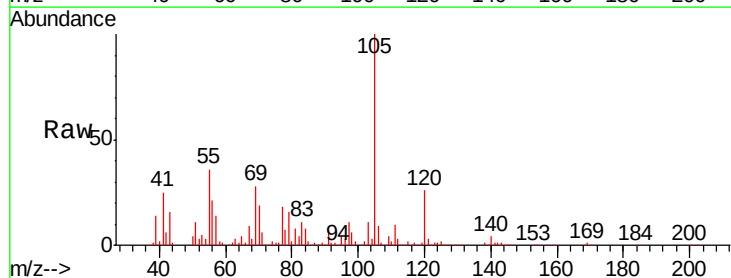
Acq: 14 Nov 2018 15:42

Tgt Ion:105 Resp: 39789

Ion Ratio Lower Upper

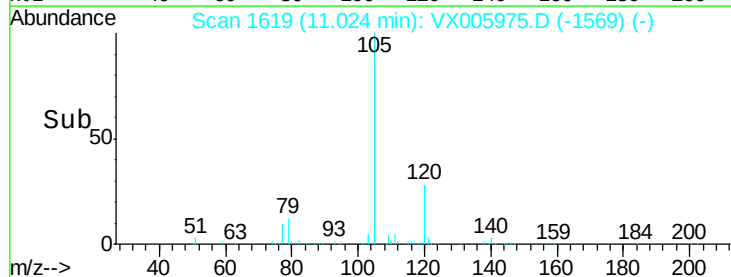
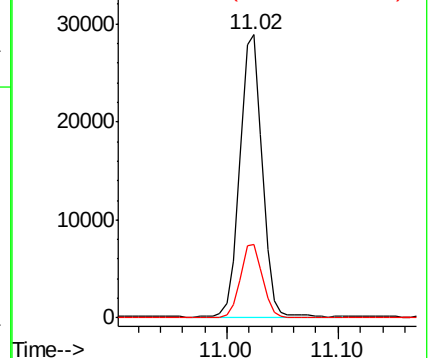
105 100

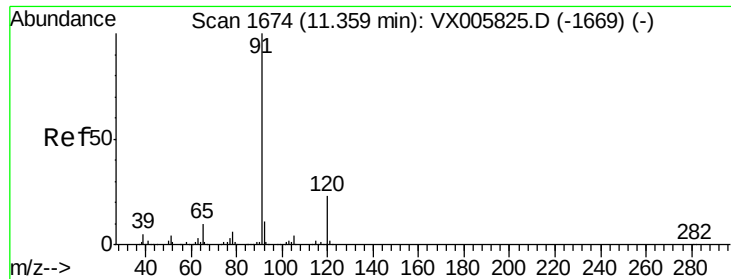
120 26.1 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

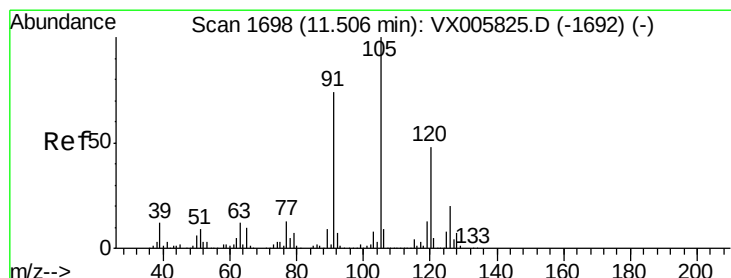
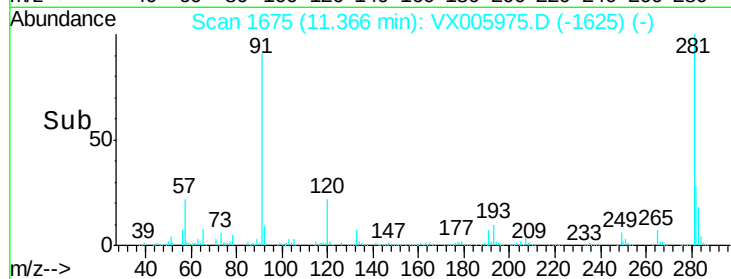
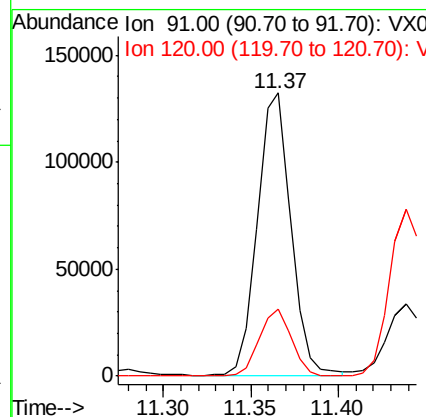
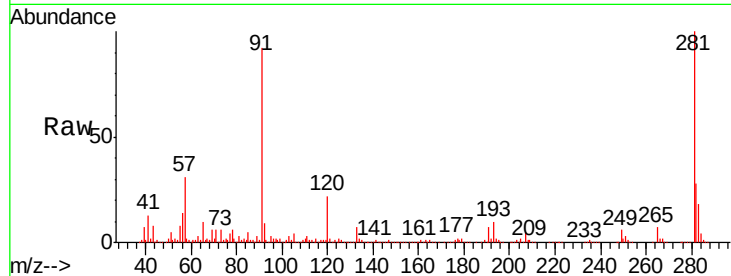




#78
n-propylbenzene
Concen: 31.10 ug/l
RT: 11.37 min Scan# 1675
Delta R.T. 0.01 min
Lab File: VX005975.D
Acq: 14 Nov 2018 15:42

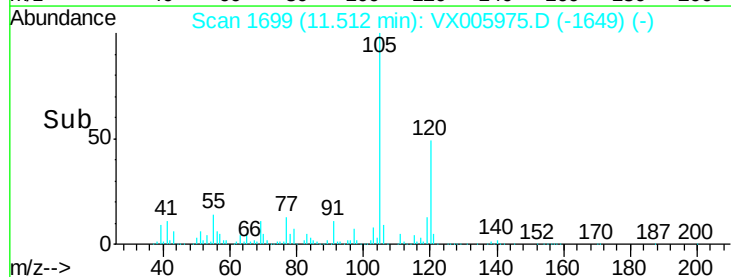
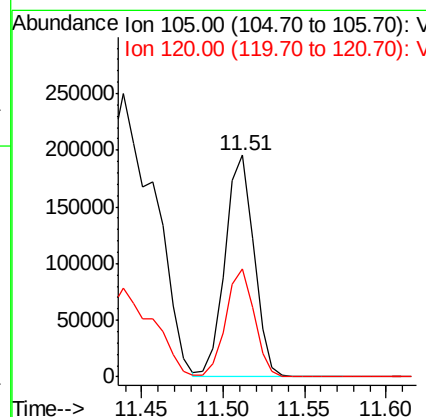
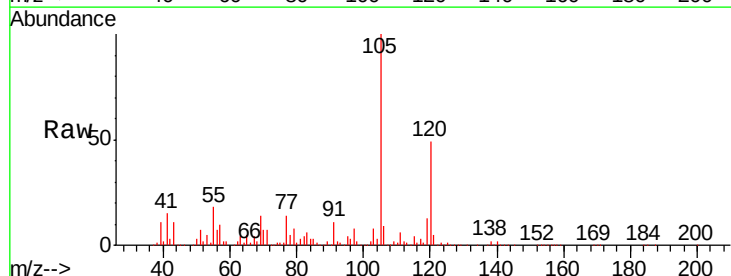
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-106(2-4)ME

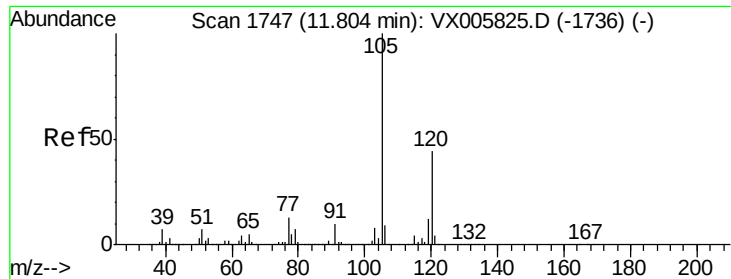
Tgt Ion: 91 Resp: 174909
Ion Ratio Lower Upper
91 100
120 22.9 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 59.43 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.01 min
Lab File: VX005975.D
Acq: 14 Nov 2018 15:42

Tgt Ion: 105 Resp: 241012
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.2





#84

1,2,4-Trimethylbenzene

Concen: 255.23 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX005975.D

Acq: 14 Nov 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

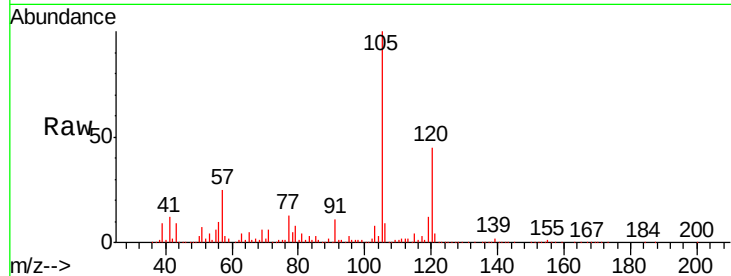
EP2-SB-106(2-4)ME

Tgt Ion:105 Resp: 1140090

Ion Ratio Lower Upper

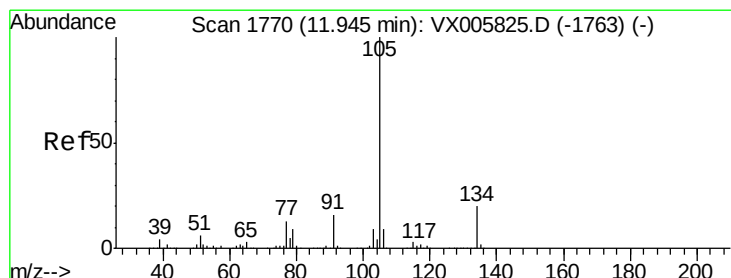
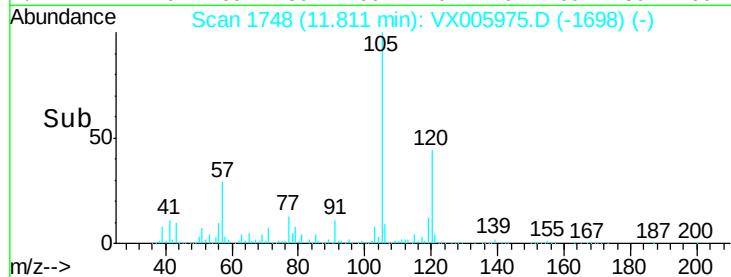
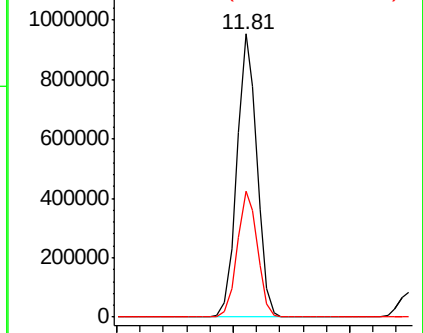
105 100

120 45.2 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 20.09 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.01 min

Lab File: VX005975.D

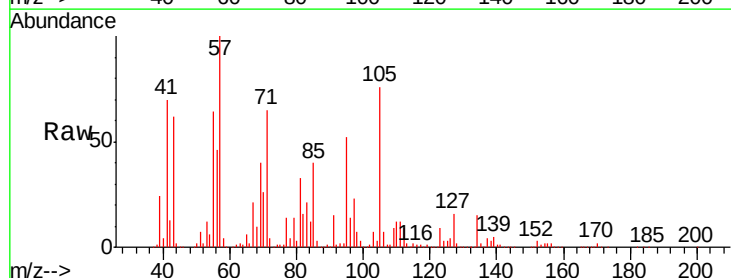
Acq: 14 Nov 2018 15:42

Tgt Ion:105 Resp: 100805

Ion Ratio Lower Upper

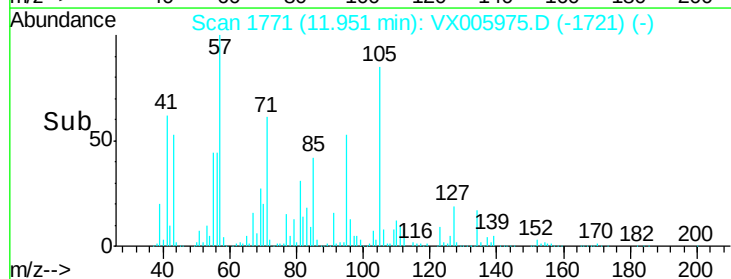
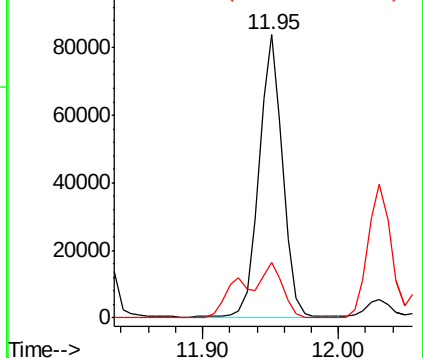
105 100

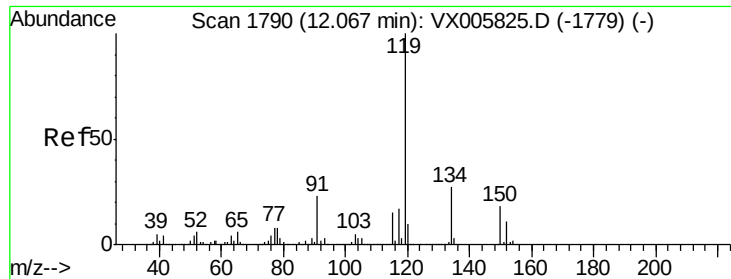
134 17.3 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

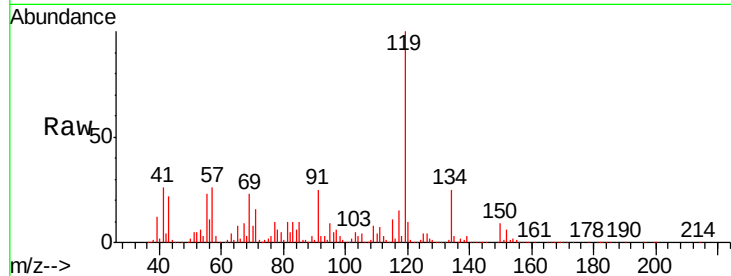




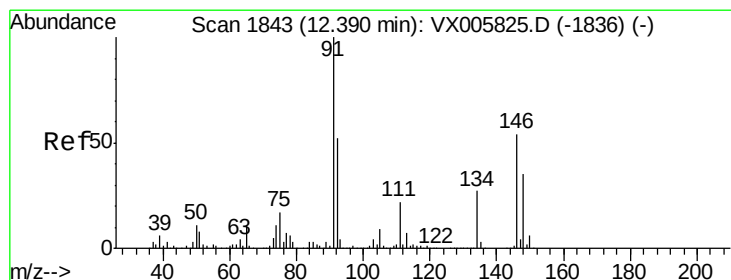
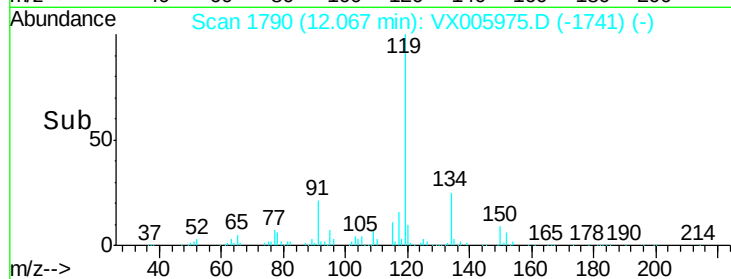
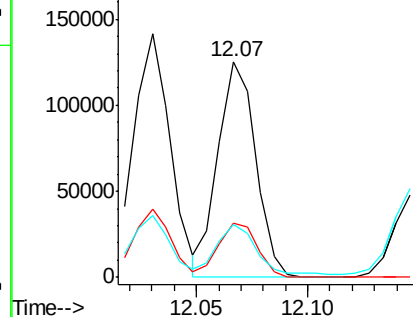
#86
p-Isopropyltoluene
Concen: 33.18 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX005975.D
Acq: 14 Nov 2018 15:42

Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-106(2-4)ME

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.0	39.0
91	23.1	11.4	34.2

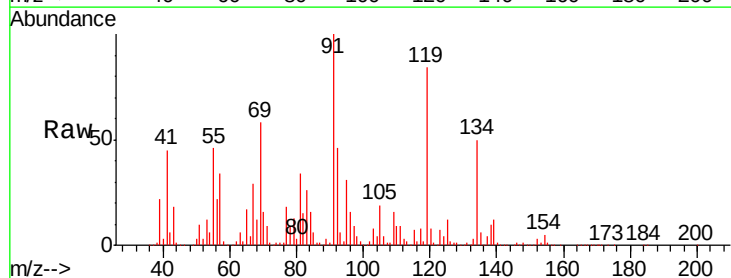


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

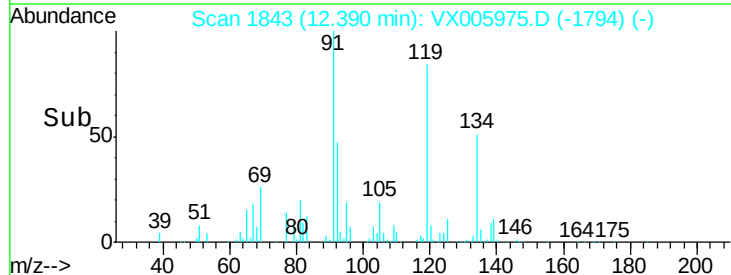
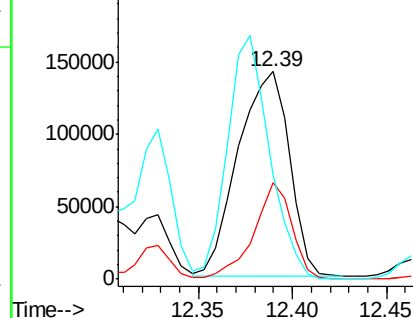


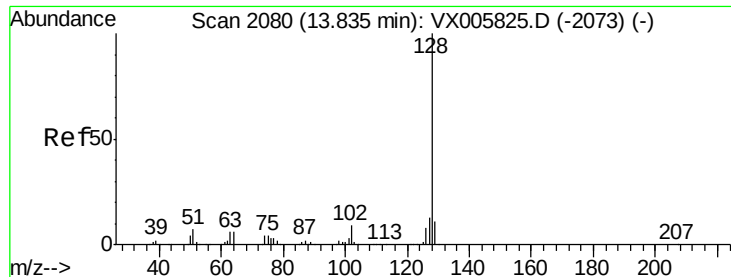
#89
n-Butylbenzene
Concen: 64.59 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005975.D
Acq: 14 Nov 2018 15:42

Tgt Ion	Ratio	Lower	Upper
91	100		
92	34.7	26.1	78.2
134	98.1	13.1	39.3#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V





#95
Naphthalene
Concen: 92.21 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005975.D
Acq: 14 Nov 2018 15:42

Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-106(2-4)ME

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	12.8	8.7	13.1

