

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111918\
 Data File : VX006093.D
 Acq On : 19 Nov 2018 16:07
 Operator : JC/MD
 Sample : J5951-02
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-02(21-23)

Quant Time: Nov 20 00:30:07 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

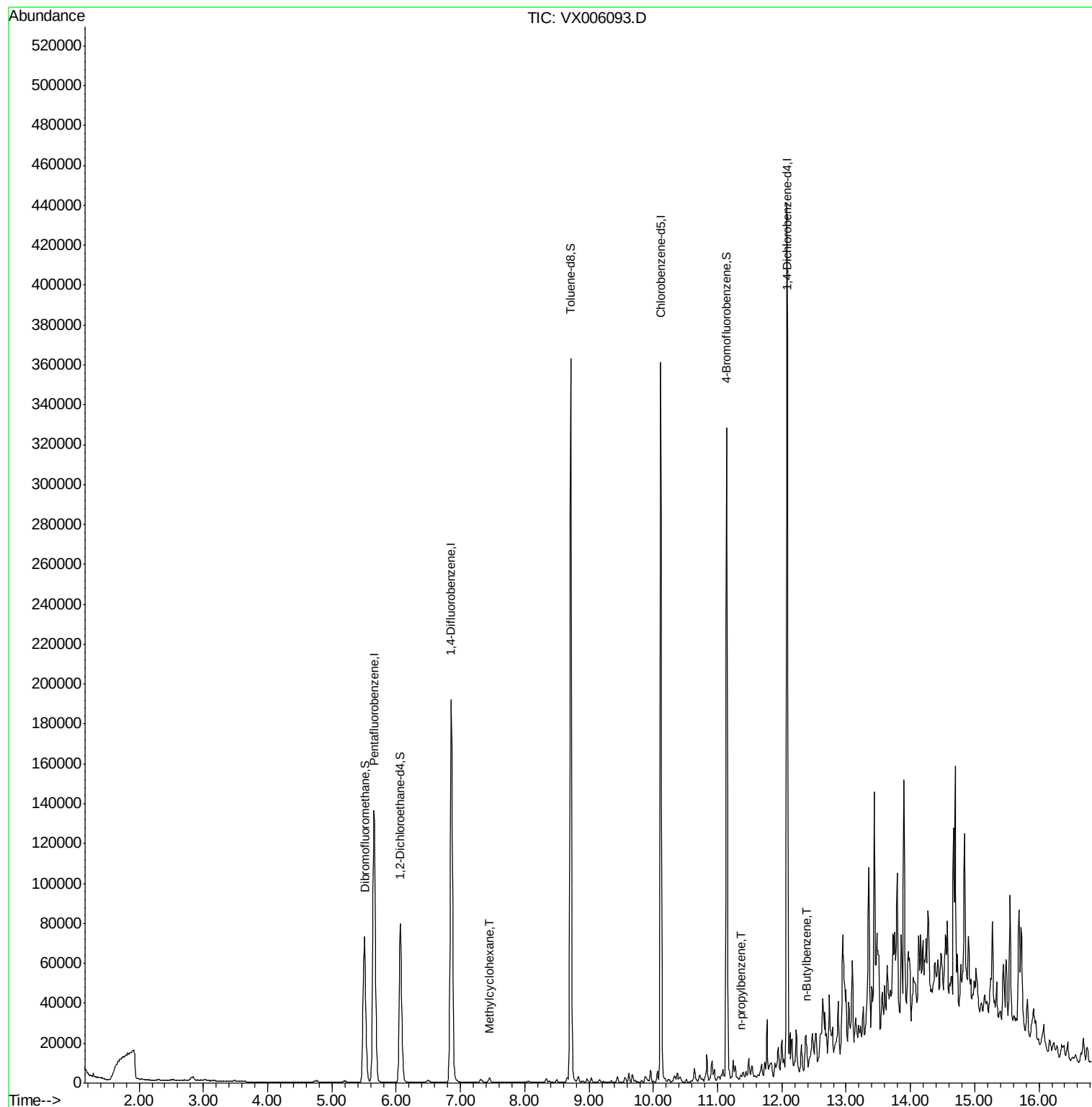
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	143120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	210579	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	169675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	89852	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	79387	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
35) Dibromofluoromethane	5.51	113	64571	45.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.16%	
50) Toluene-d8	8.71	98	222357	46.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.40%	
62) 4-Bromofluorobenzene	11.14	95	82092	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.90%	
Target Compounds						
39) Methylcyclohexane	7.45	83	1001	0.49	ug/l	89
78) n-propylbenzene	11.36	91	1971	0.32	ug/l	97
89) n-Butylbenzene	12.39	91	2599	0.58	ug/l #	83

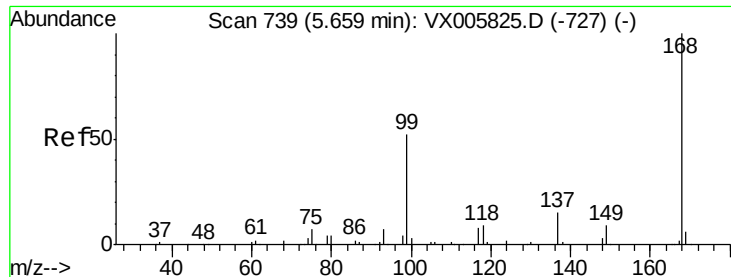
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX111918\
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Instrument :
MSVOA_X
ClientSampled :
FDSB-02(21-23)

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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: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX006093.D

Acq: 19 Nov 2018 16:07

Instrument :

MSVOA_X

ClientSampleId :

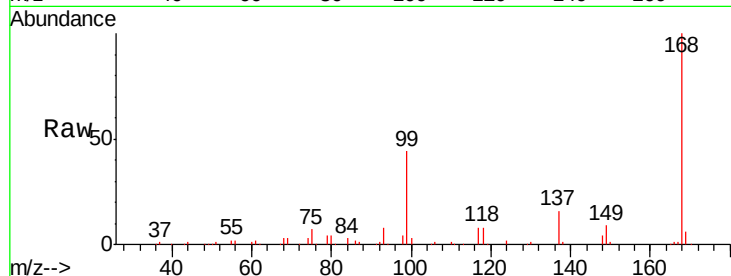
FDSB-02(21-23)

Tgt Ion:168 Resp: 143120

Ion Ratio Lower Upper

168 100

99 43.6 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

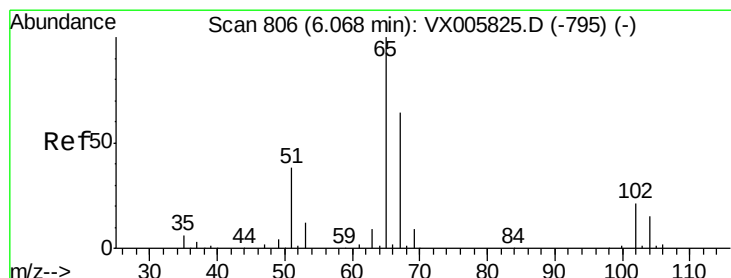
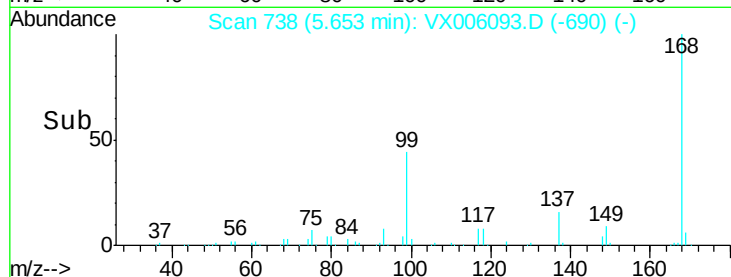
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.25 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006093.D

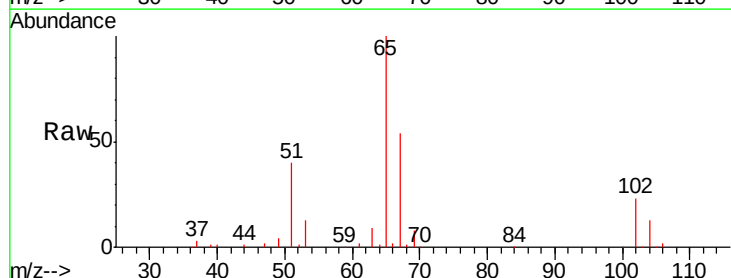
Acq: 19 Nov 2018 16:07

Tgt Ion: 65 Resp: 79387

Ion Ratio Lower Upper

65 100

67 53.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

30000

25000

20000

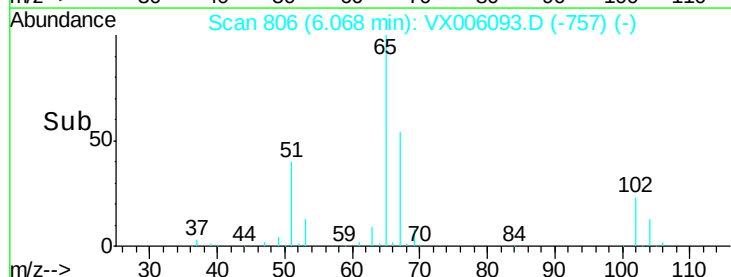
15000

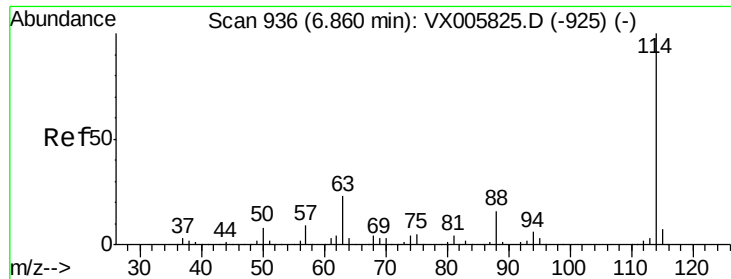
10000

5000

0

Time--> 5.90 6.00 6.10 6.20

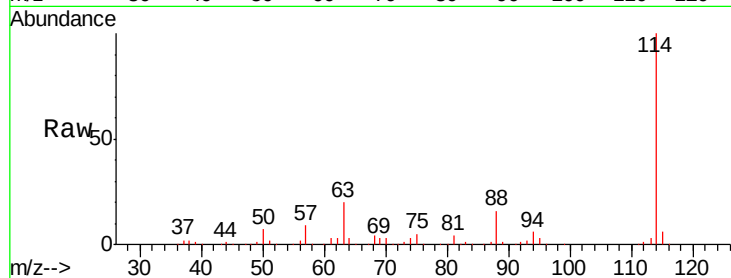




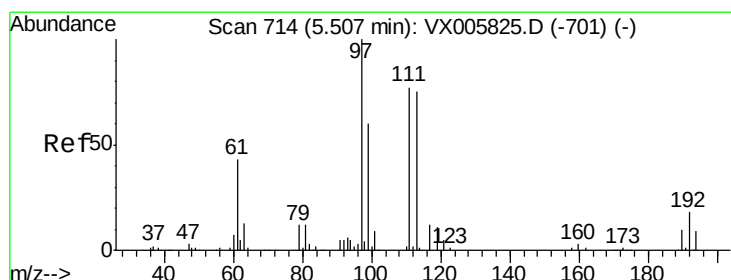
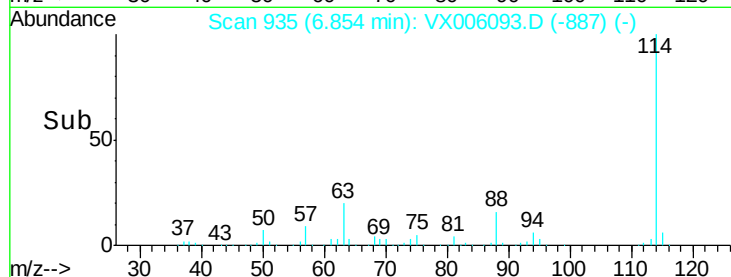
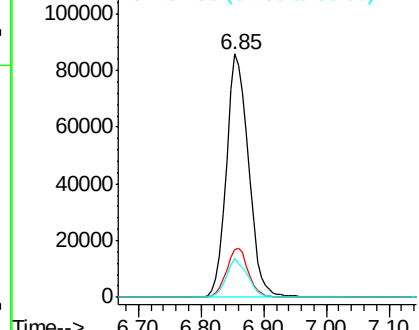
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX006093.D
 Acq: 19 Nov 2018 16:07

Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-02(21-23)

Tgt Ion:114 Resp: 210579
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 42.8
 88 15.9 0.0 31.2

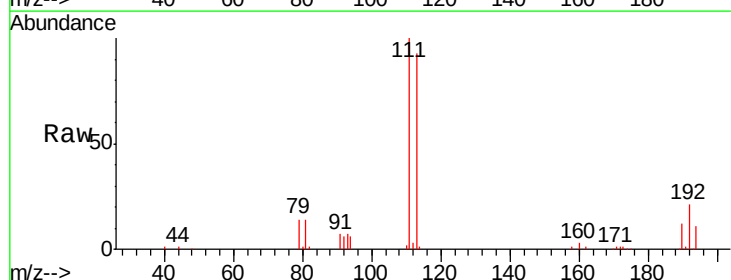


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

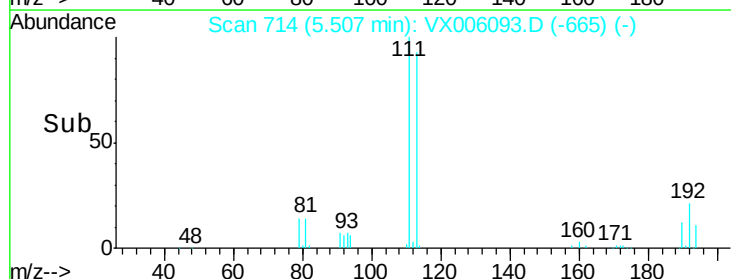
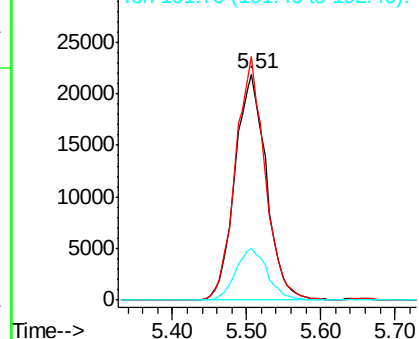


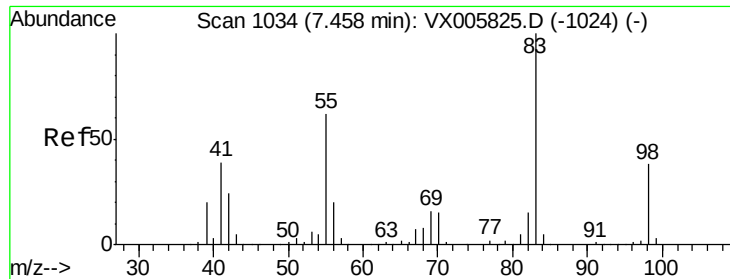
#35
 Dibromofluoromethane
 Concen: 45.08 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VX006093.D
 Acq: 19 Nov 2018 16:07

Tgt Ion:113 Resp: 64571
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.3 123.5
 192 23.2 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

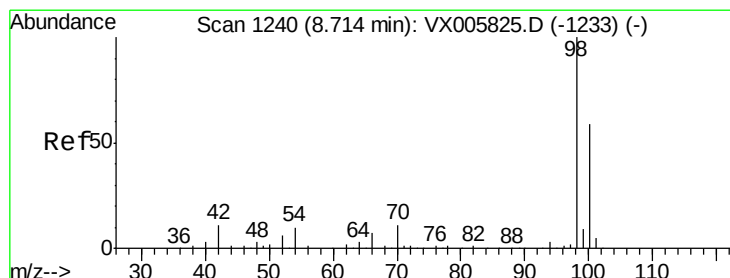
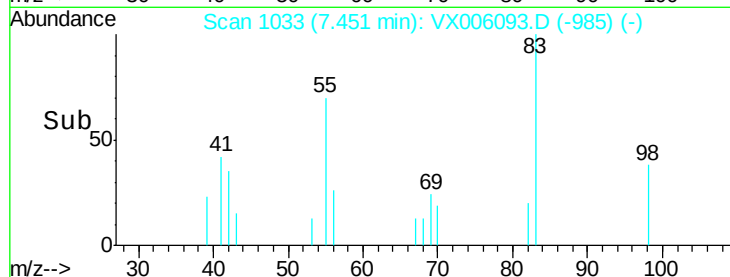
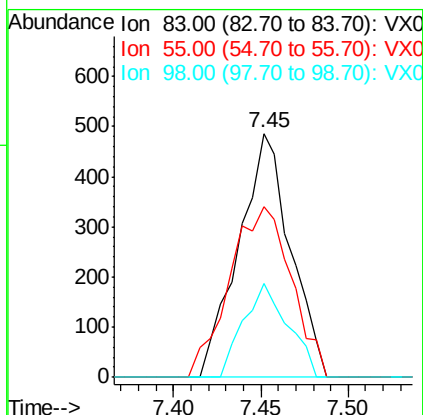
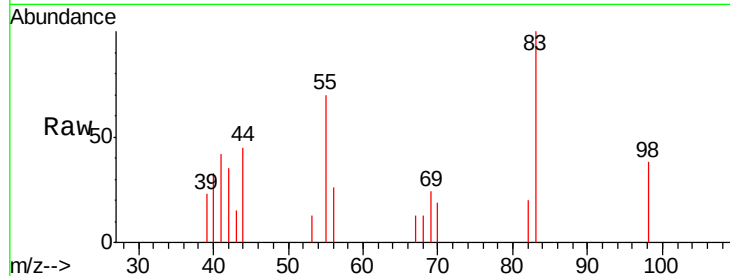




#39
Methylcyclohexane
Concen: 0.49 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX006093.D
Acq: 19 Nov 2018 16:07

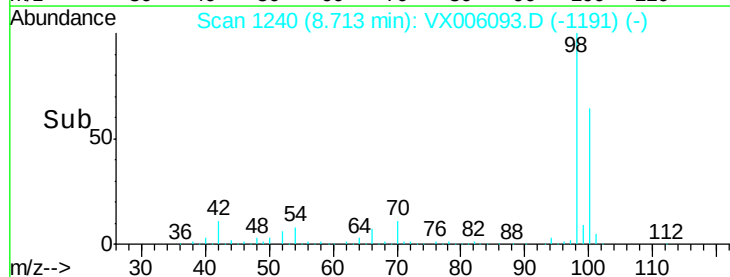
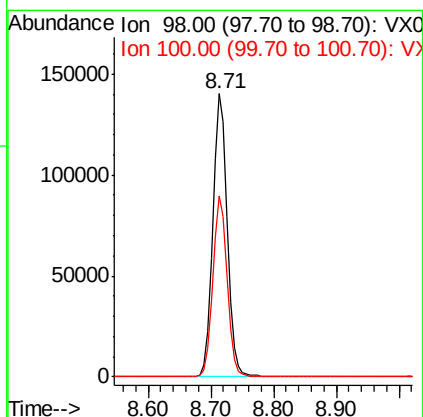
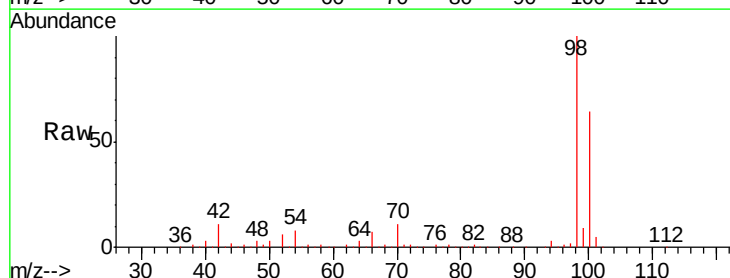
Instrument :
MSVOA_X
ClientSampleId :
FDSB-02(21-23)

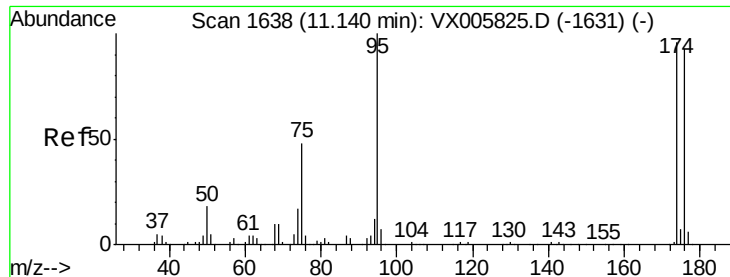
Tgt Ion: 83 Resp: 1001
Ion Ratio Lower Upper
83 100
55 69.8 63.7 95.5
98 38.5 36.2 54.2



#50
Toluene-d8
Concen: 46.70 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006093.D
Acq: 19 Nov 2018 16:07

Tgt Ion: 98 Resp: 222357
Ion Ratio Lower Upper
98 100
100 63.5 51.3 76.9

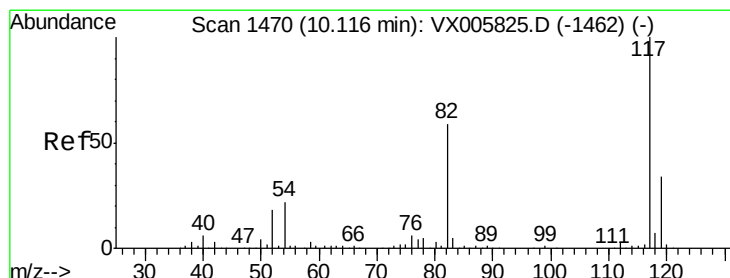
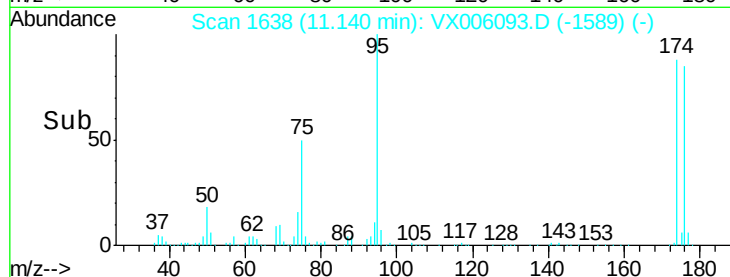
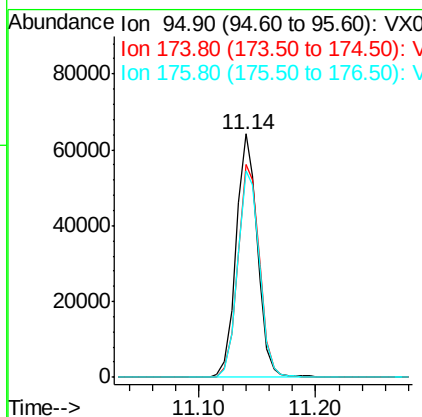
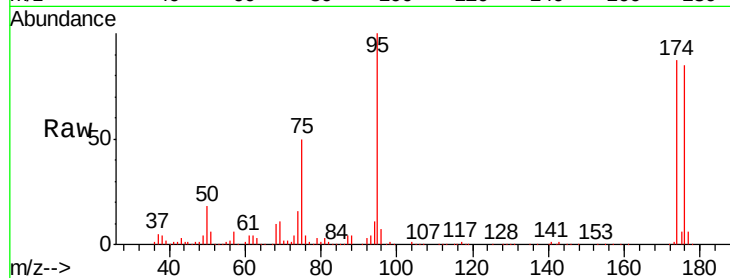




#62
4-Bromofluorobenzene
Concen: 47.95 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX006093.D
Acq: 19 Nov 2018 16:07

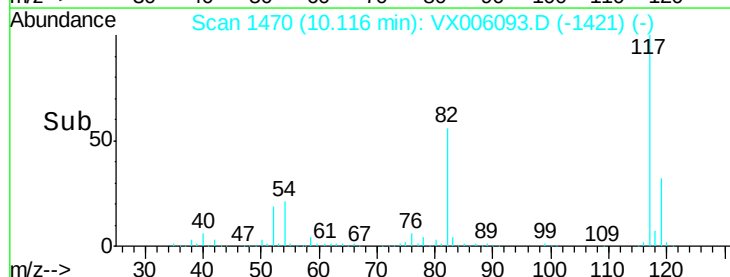
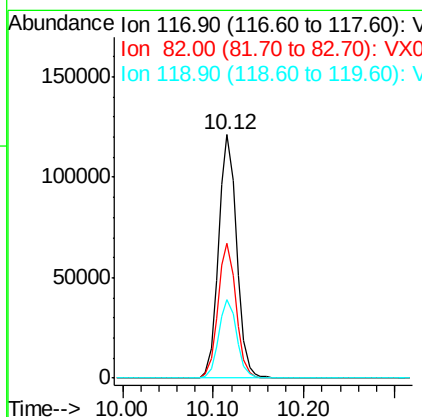
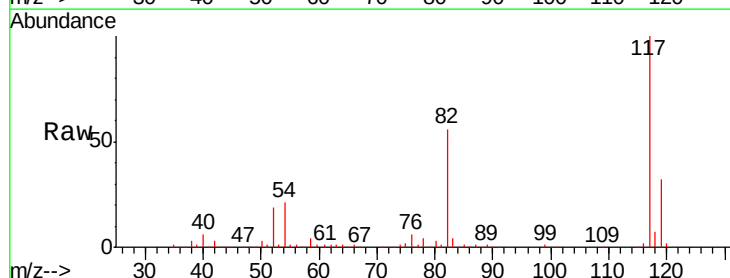
Instrument :
MSVOA_X
ClientSampleId :
FDSB-02(21-23)

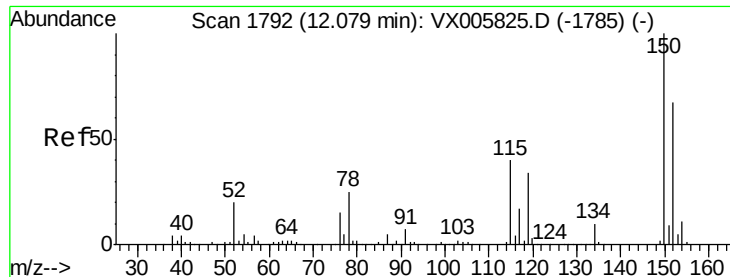
Tgt Ion: 95 Resp: 82092
Ion Ratio Lower Upper
95 100
174 88.8 0.0 184.4
176 86.8 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006093.D
Acq: 19 Nov 2018 16:07

Tgt Ion: 117 Resp: 169675
Ion Ratio Lower Upper
117 100
82 55.5 44.1 66.1
119 32.2 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006093.D

Acq: 19 Nov 2018 16:07

Instrument :

MSVOA_X

ClientSampled :

FDSB-02(21-23)

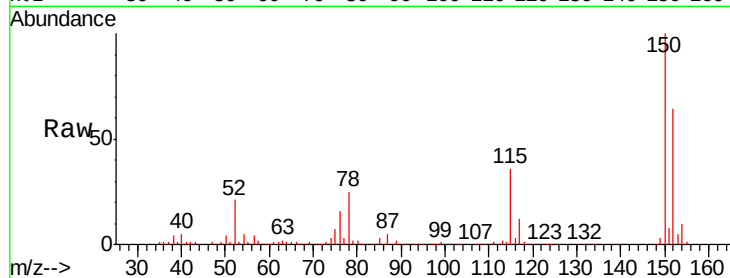
Tgt Ion:152 Resp: 89852

Ion Ratio Lower Upper

152 100

115 56.0 39.4 118.1

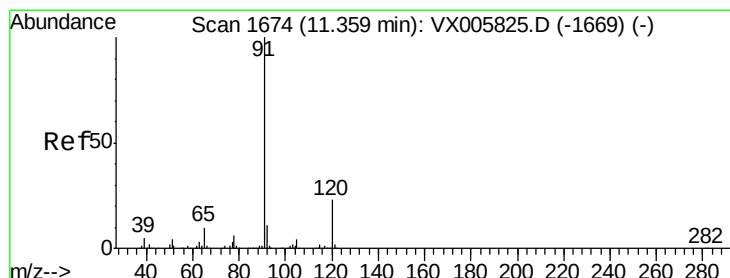
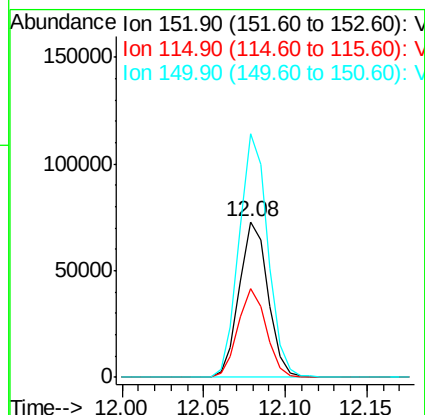
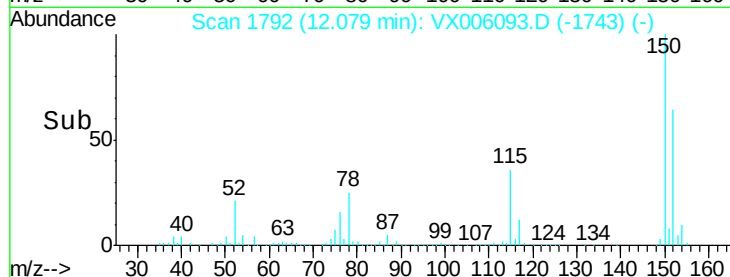
150 157.0 0.0 346.4



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



#78

n-propylbenzene

Concen: 0.32 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006093.D

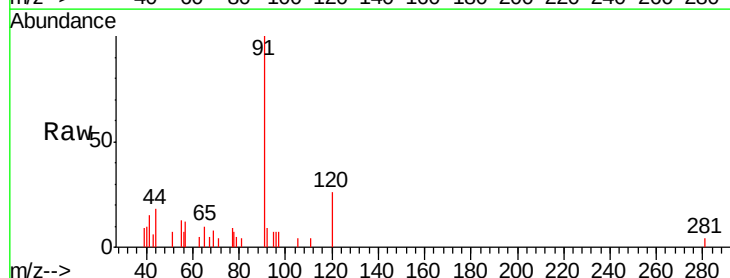
Acq: 19 Nov 2018 16:07

Tgt Ion: 91 Resp: 1971

Ion Ratio Lower Upper

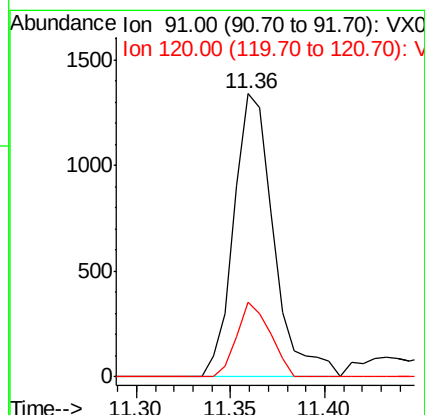
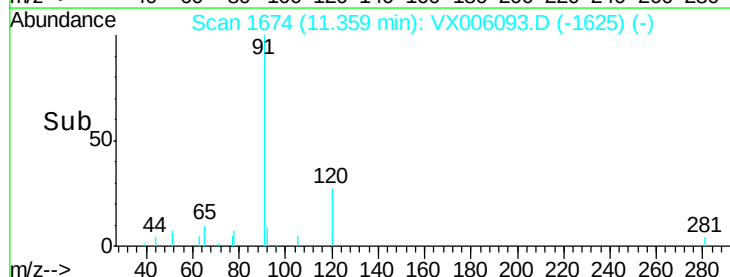
91 100

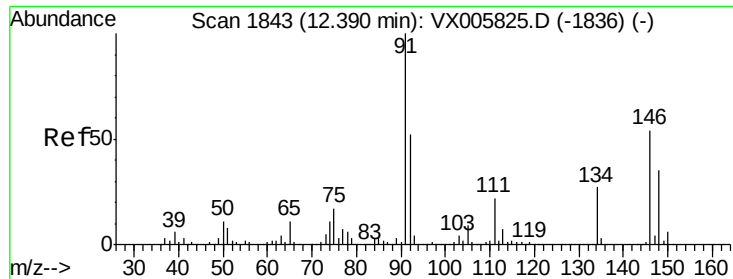
120 22.0 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#89

n-Butylbenzene

Concen: 0.58 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006093.D

Acq: 19 Nov 2018 16:07

Instrument :

MSVOA_X

ClientSampleId :

FDSB-02(21-23)

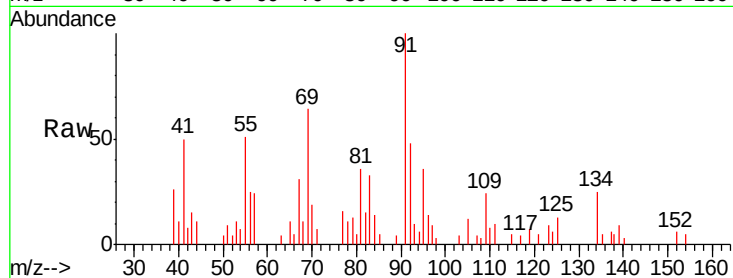
Tgt Ion: 91 Resp: 2599

Ion Ratio Lower Upper

91 100

92 46.7 26.1 78.2

134 43.9 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

