

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003784.D
 Acq On : 01 Aug 2018 07:15
 Operator : JC/SP
 Sample : J4143-09
 Misc : 11.32G/5.0mL/MSVOA X/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-3(3-5)

Quant Time: Aug 01 19:04:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

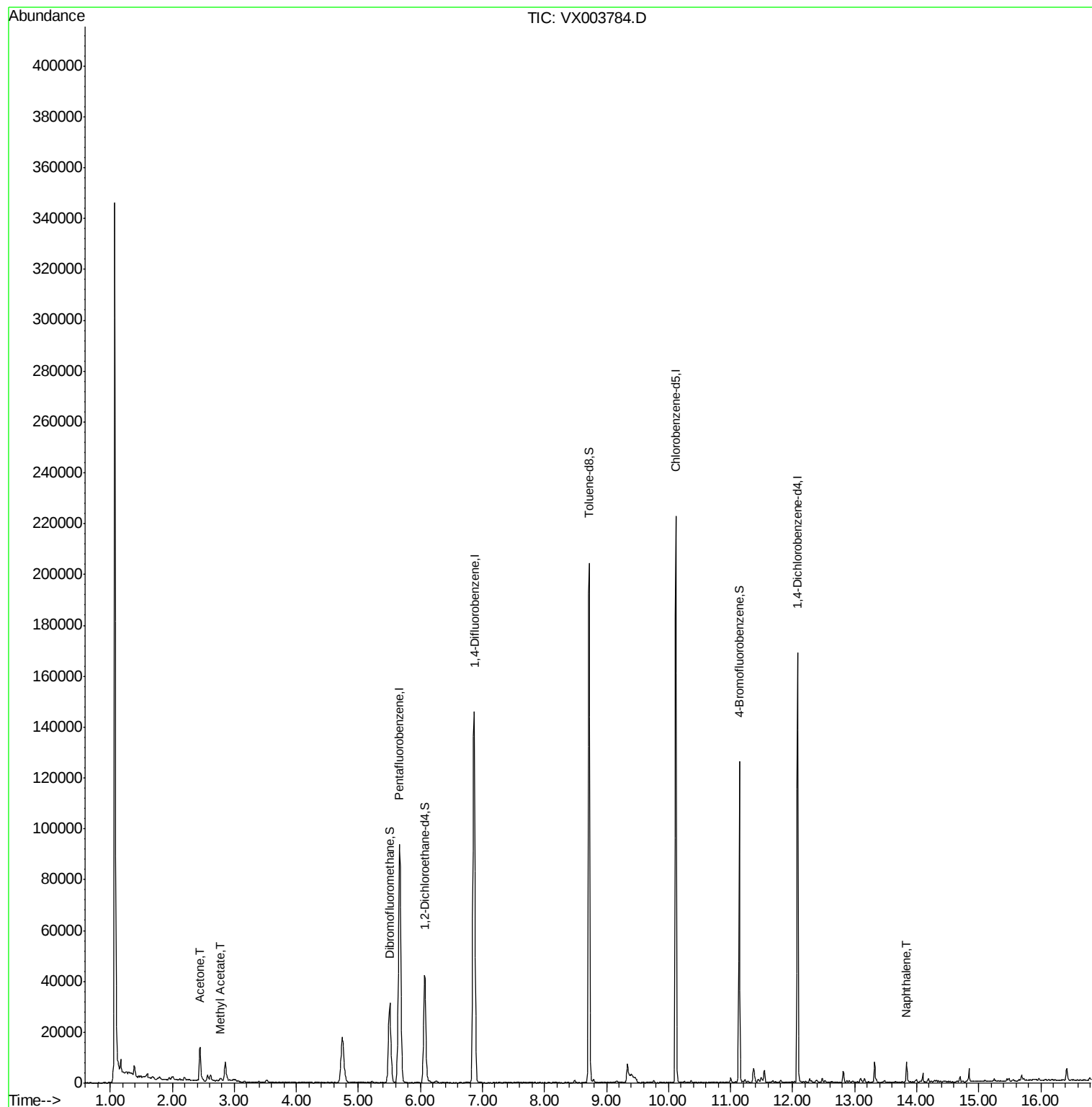
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	92183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	150942	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	97401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	34633	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	40114	43.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.06%	
35) Dibromofluoromethane	5.51	113	26636	29.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.94%	
50) Toluene-d8	8.72	98	122136	32.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.92%	
62) 4-Bromofluorobenzene	11.14	95	30953	22.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	45.30%	
Target Compounds						
16) Acetone	2.45	43	13763	38.65	ug/l	97
18) Methyl Acetate	2.78	43	1073	1.07	ug/l	95
95) Naphthalene	13.83	128	4970	2.75	ug/l	98

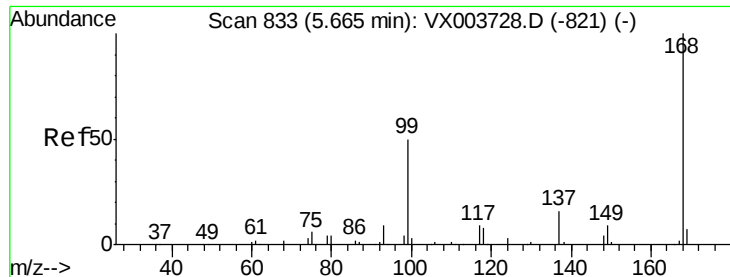
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX003784.D

Acq: 01 Aug 2018 07:15

Instrument :

MSVOA_X

ClientSampleId :

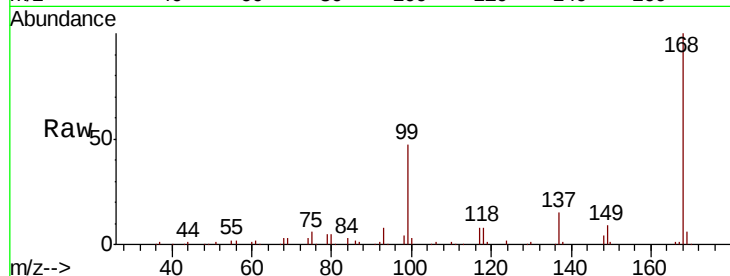
SB-3(3-5)

Tot Ion:168 Resp: 92183

Ion Ratio Lower Upper

168 100

99 47.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

40000

30000

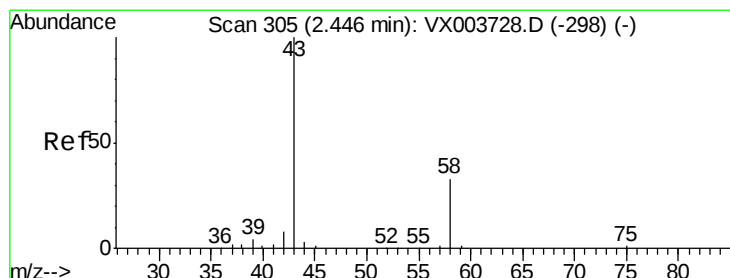
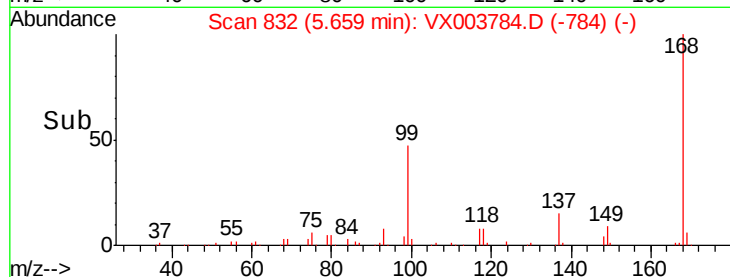
20000

10000

0

5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 38.65 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003784.D

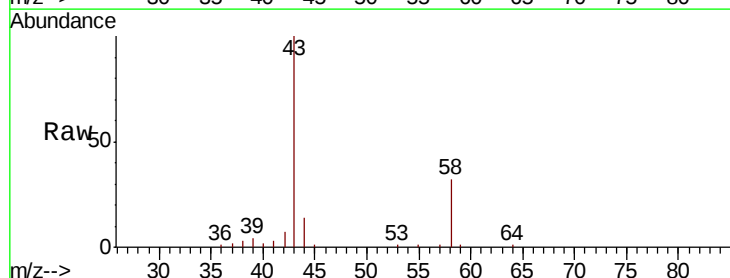
Acq: 01 Aug 2018 07:15

Tgt Ion: 43 Resp: 13763

Ion Ratio Lower Upper

43 100

58 31.6 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

8000

6000

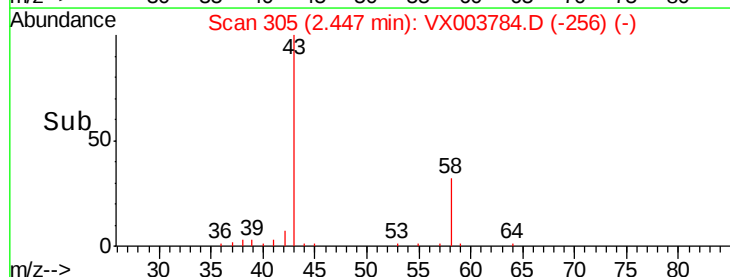
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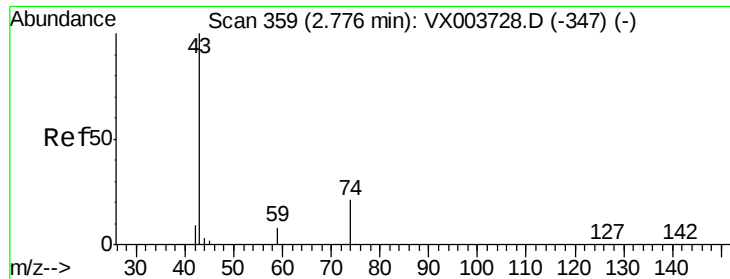
2000

0

2.35 2.40 2.45 2.50 2.55

Time-->

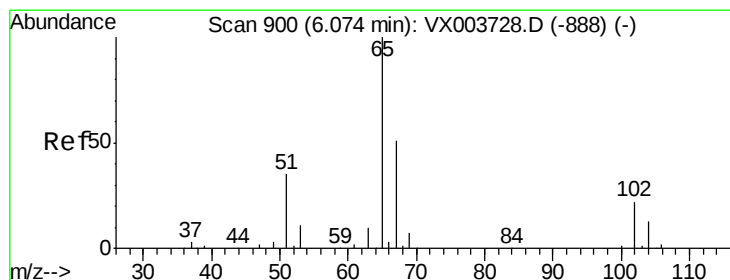
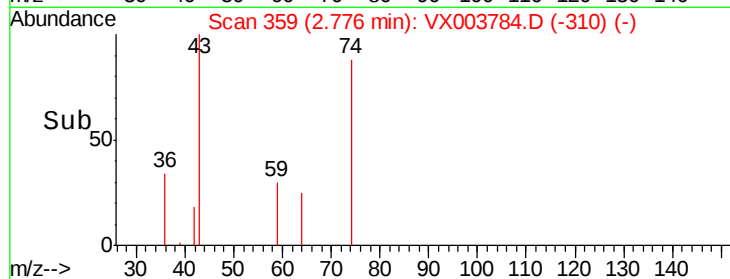
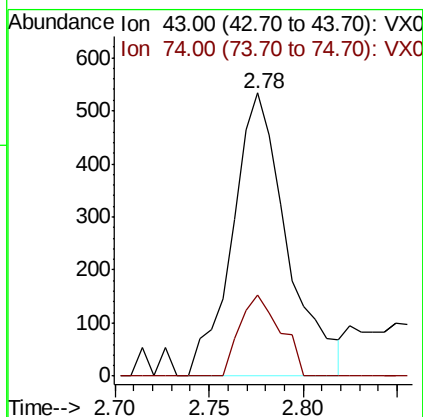
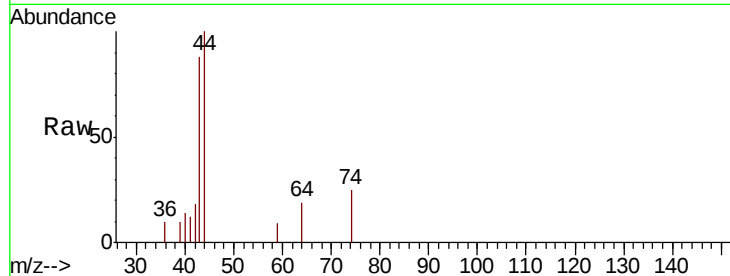




#18
Methvl Acetate
Concen: 1.07 ug/l
RT: 2.78 min Scan# 359
Delta R.T. 0.00 min
Lab File: VX003784.D
Acq: 01 Aug 2018 07:15

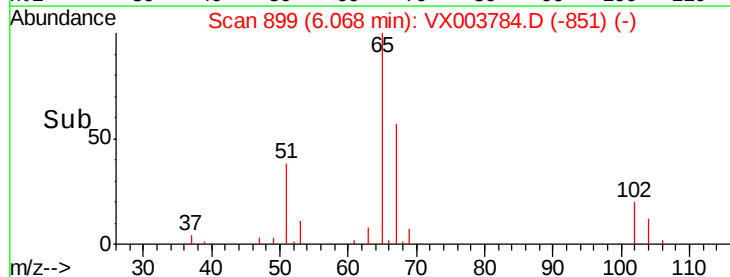
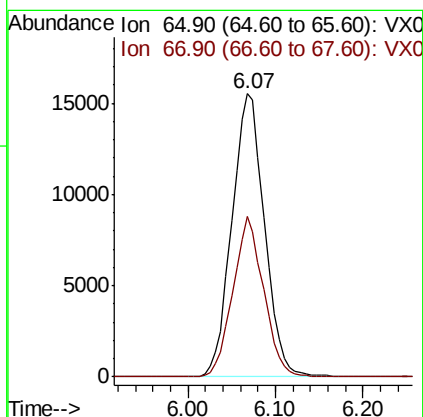
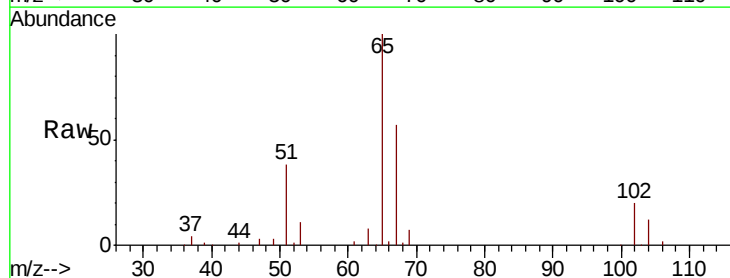
Instrument :
MSVOA_X
ClientSampleId :
SB-3(3-5)

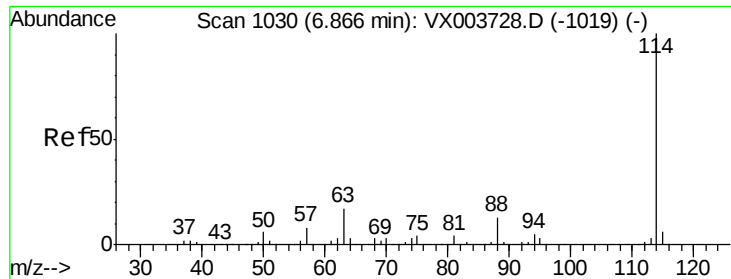
Tot Ion: 43 Resp: 1073
Ion Ratio Lower Upper
43 100
74 21.3 18.9 28.3



#33
1,2-Dichloroethane-d4
Concen: 43.03 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.01 min
Lab File: VX003784.D
Acq: 01 Aug 2018 07:15

Tgt Ion: 65 Resp: 40114
Ion Ratio Lower Upper
65 100
67 53.3 0.0 107.0

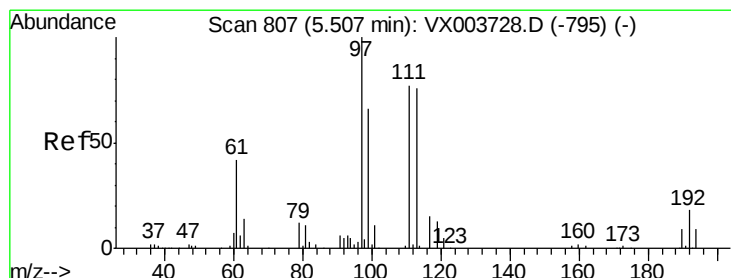
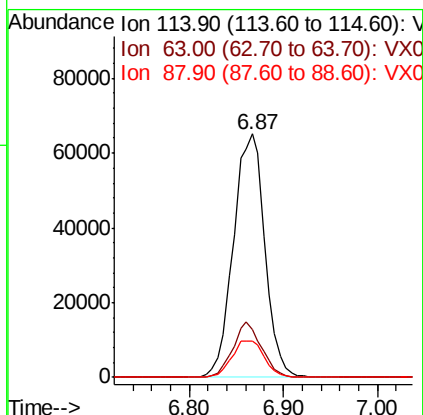
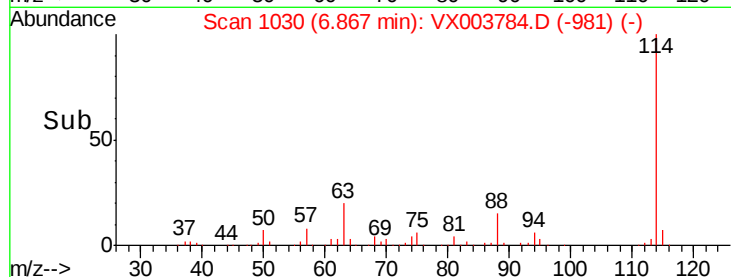
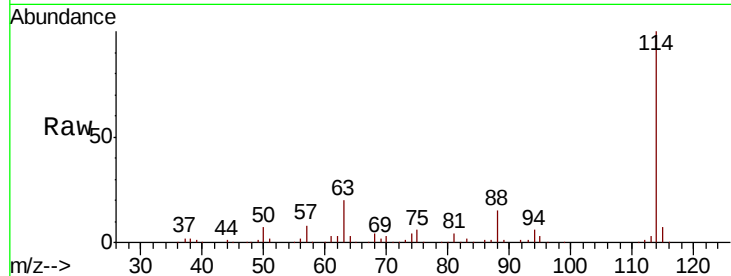




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003784.D
 Acq: 01 Aug 2018 07:15

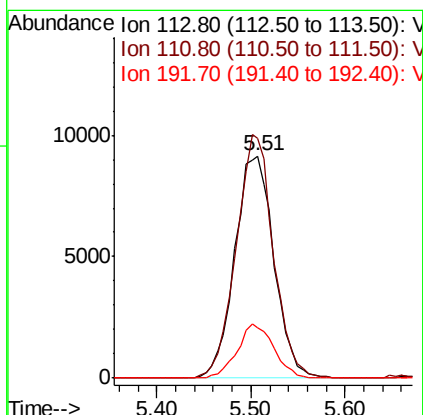
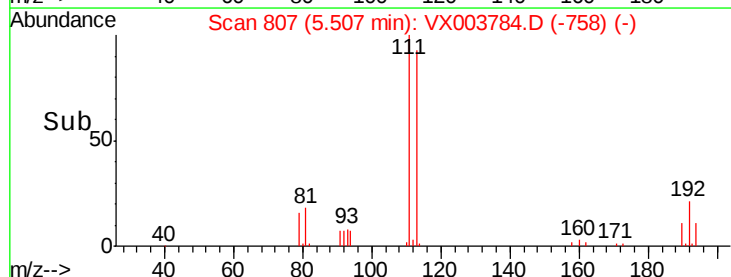
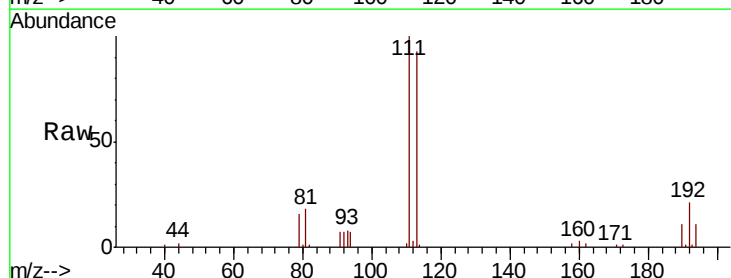
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-3(3-5)

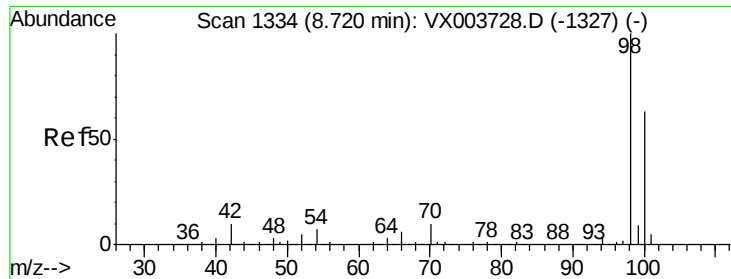
Tot Ion:114 Resp: 150942
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 34.0
 88 15.1 0.0 26.4



#35
 Dibromofluoromethane
 Concen: 29.97 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003784.D
 Acq: 01 Aug 2018 07:15

Tgt Ion:113 Resp: 26636
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.8 122.6
 192 22.5 18.8 28.2

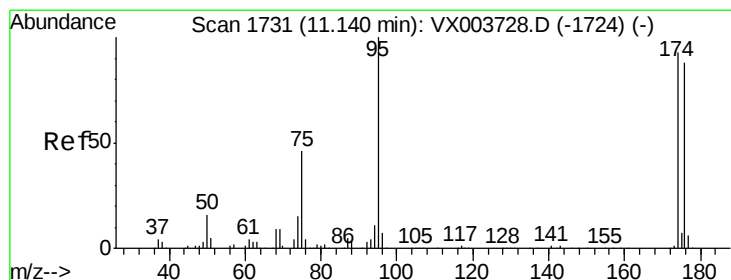
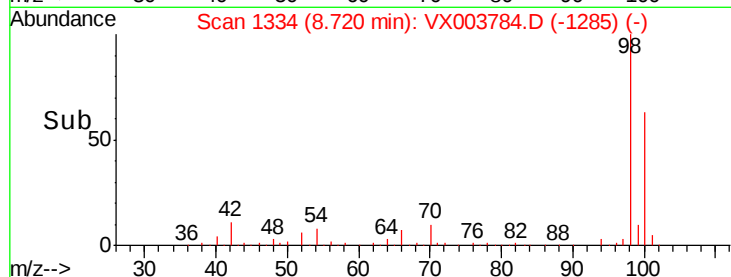
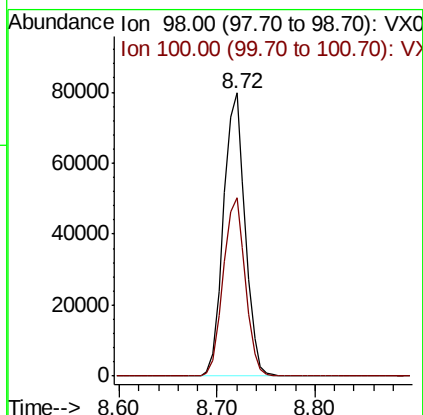
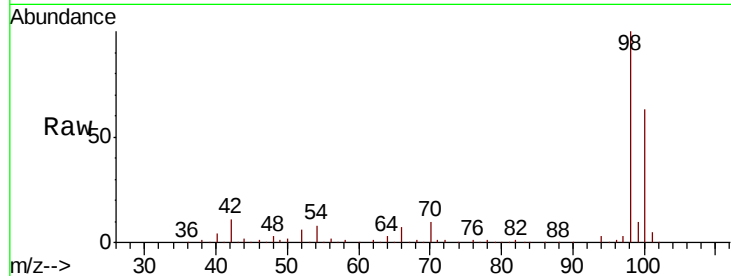




#50
Toluene-d8
Concen: 32.96 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003784.D
Acq: 01 Aug 2018 07:15

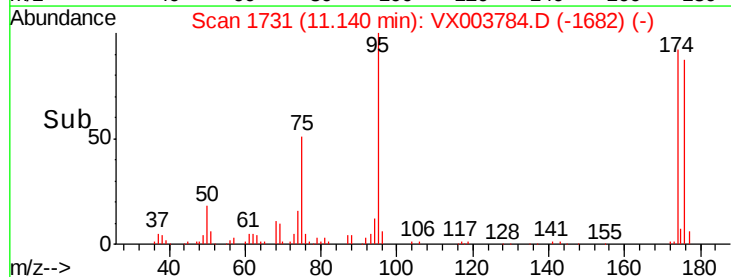
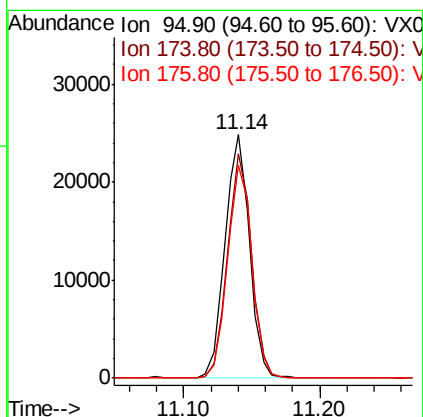
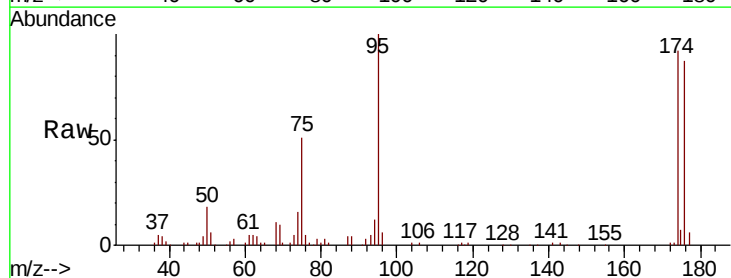
Instrument :
MSVOA_X
ClientSampleId :
SB-3(3-5)

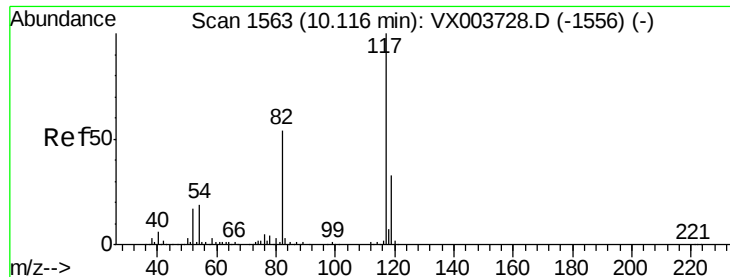
Tot Ion: 98 Resp: 122136
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 22.65 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003784.D
Acq: 01 Aug 2018 07:15

Tgt Ion: 95 Resp: 30953
Ion Ratio Lower Upper
95 100
174 90.8 0.0 186.2
176 87.4 0.0 179.2

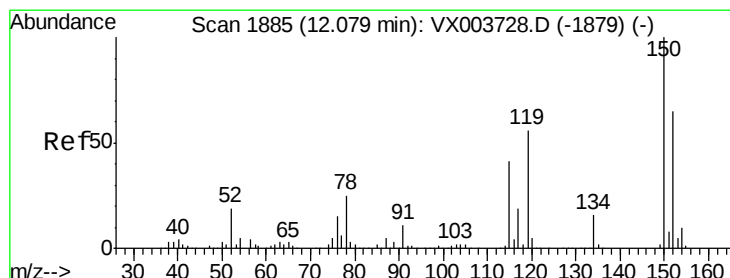
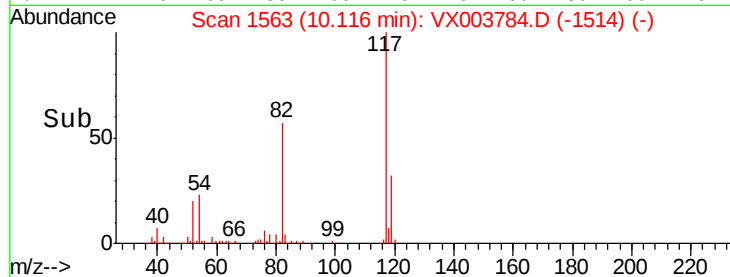
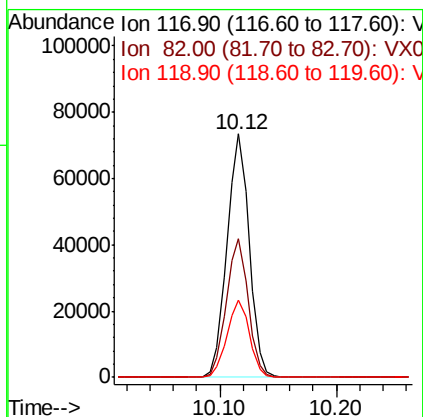
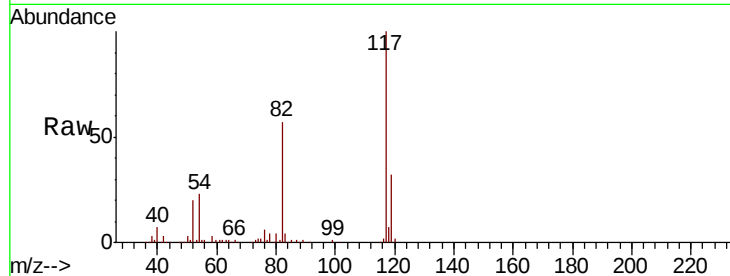




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003784.D
Acq: 01 Aug 2018 07:15

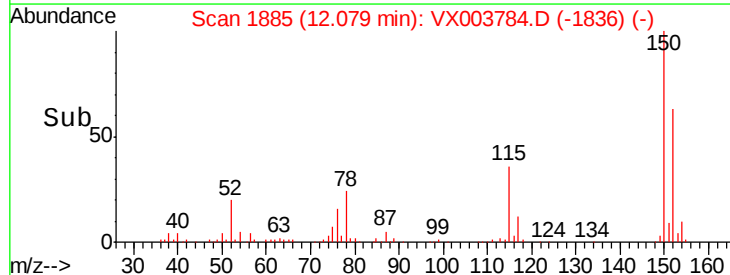
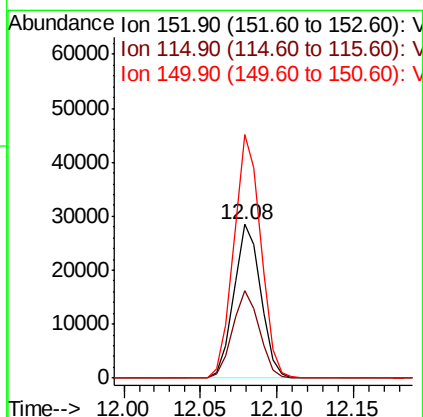
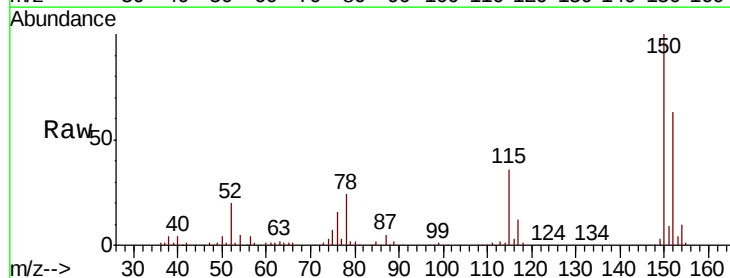
Instrument :
MSVOA_X
ClientSampleId :
SB-3(3-5)

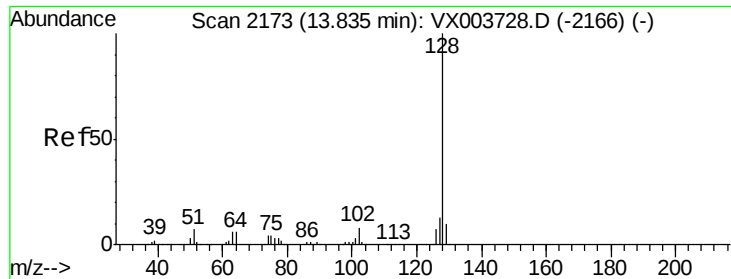
Tot Ion:117 Resp: 97401
Ion Ratio Lower Upper
117 100
82 56.8 43.2 64.8
119 31.7 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003784.D
Acq: 01 Aug 2018 07:15

Tgt Ion:152 Resp: 34633
Ion Ratio Lower Upper
152 100
115 56.6 38.5 115.3
150 159.3 0.0 346.2





#95
Naphthalene
Concen: 2.75 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003784.D
Acq: 01 Aug 2018 07:15

Instrument :
MSVOA_X
ClientSampleId :
SB-3(3-5)

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.2	15.2
129	11.4	8.7	13.1

