

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
 Data File : VX004307.D
 Acq On : 29 Aug 2018 22:31
 Operator : JC/MD
 Sample : J4677-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-0818-S-TCLP-GRID-42(2)

Quant Time: Aug 30 07:01:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

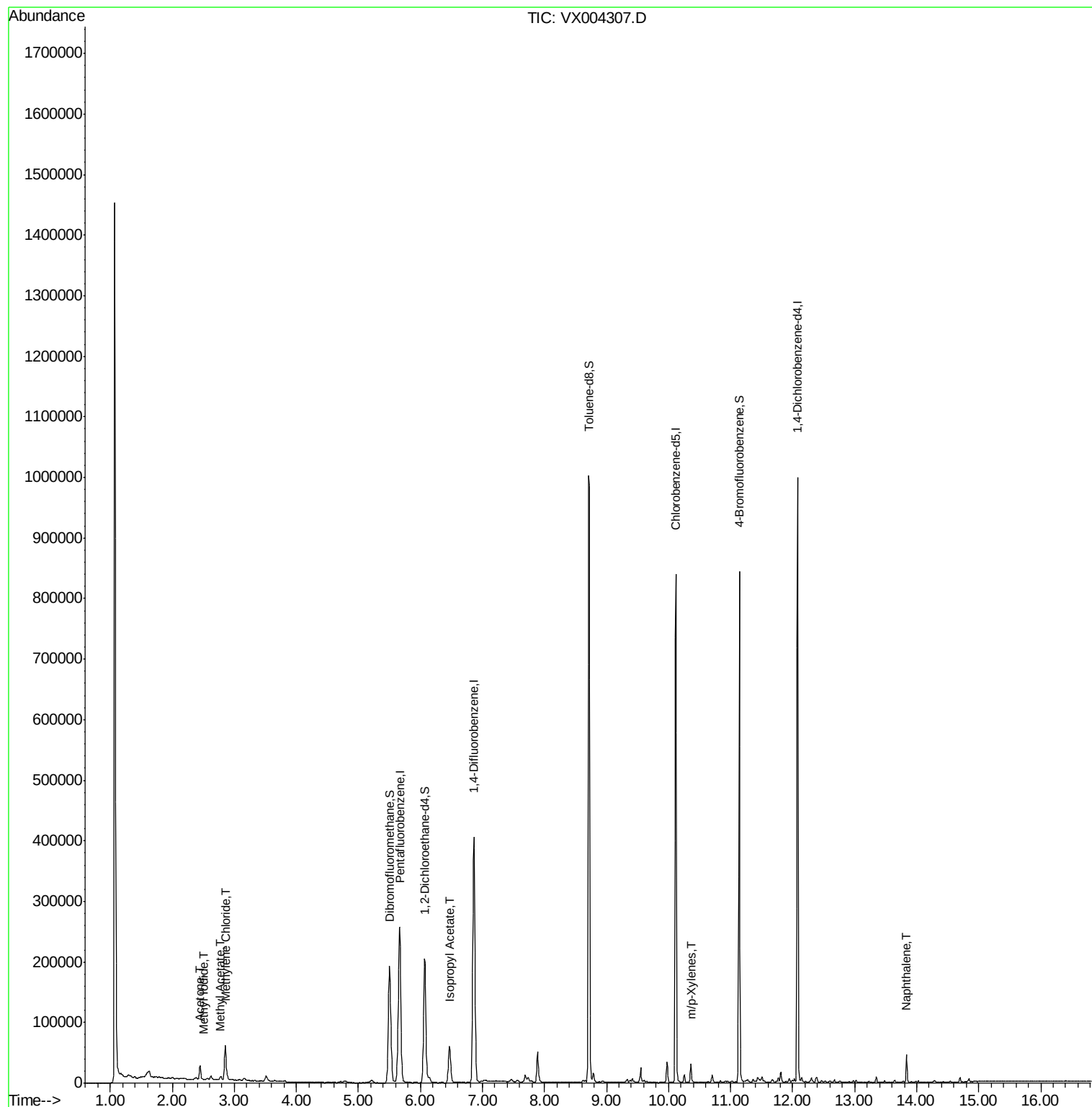
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	262128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	419227	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	381625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210240	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	188633	55.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.42%	
35) Dibromofluoromethane	5.50	113	166787	53.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.96%	
50) Toluene-d8	8.71	98	602028	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	
62) 4-Bromofluorobenzene	11.14	95	210248	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
Target Compounds						
10) Methyl Iodide	2.51	142	1142	4.58	ug/l	# 95
16) Acetone	2.45	43	23811	9.30	ug/l	98
18) Methyl Acetate	2.78	43	6776	1.34	ug/l	95
20) Methylene Chloride	2.86	84	26404	8.03	ug/l	98
43) Isopropyl Acetate	6.46	43	78104	10.97	ug/l	99
68) m/p-Xylenes	10.36	106	6852	1.13	ug/l	87
95) Naphthalene	13.83	128	28867	2.10	ug/l	99

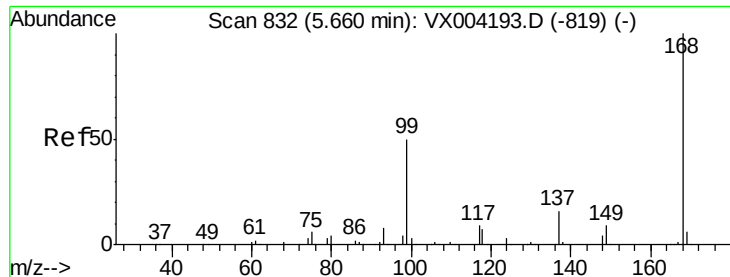
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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CB-0818-S-TCLP-GRID-42(2)

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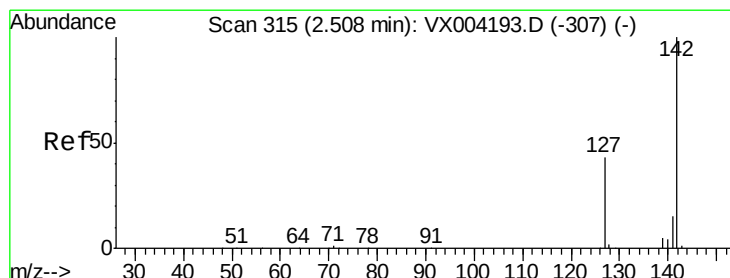
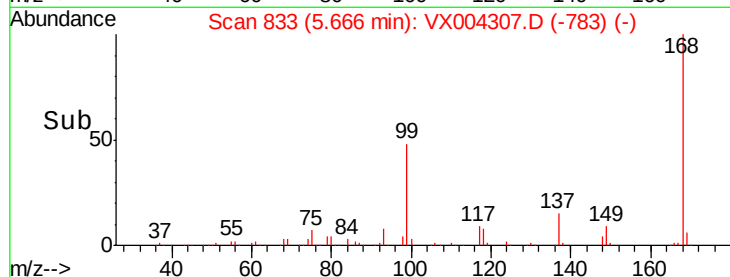
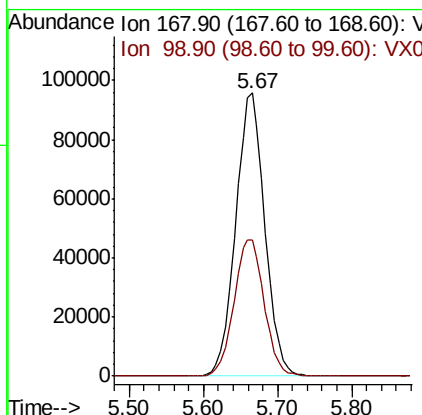
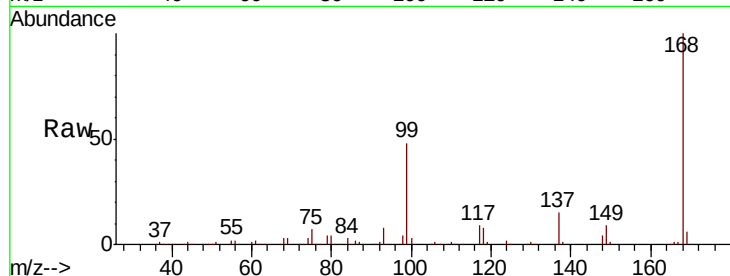




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX004307.D
Acq: 29 Aug 2018 22:31

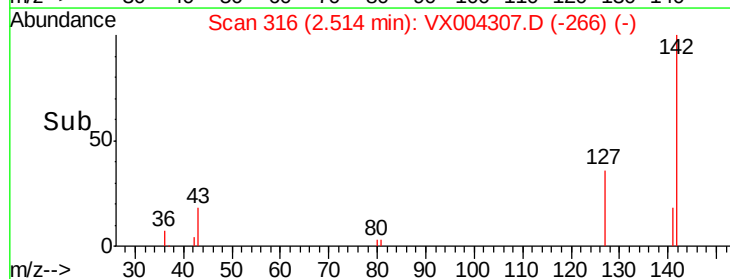
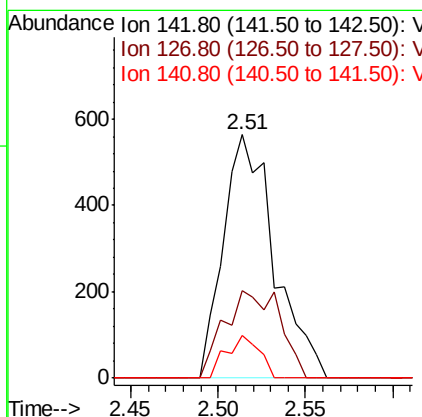
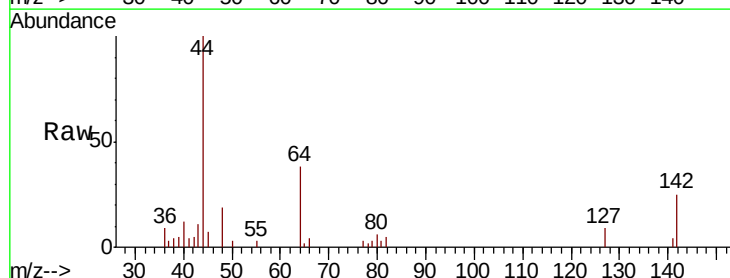
Instrument :
MSVOA_X
ClientSampleId :
CB-0818-S-TCLP-GRID-42(2)

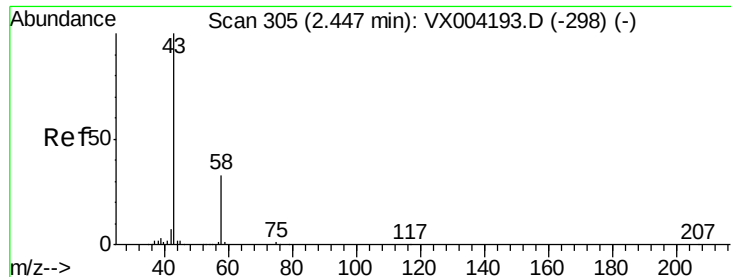
Tot Ion:168 Resp: 262128
Ion Ratio Lower Upper
168 100
99 48.3 39.9 59.9



#10
Methyl Iodide
Concen: 4.58 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX004307.D
Acq: 29 Aug 2018 22:31

Tgt Ion:142 Resp: 1142
Ion Ratio Lower Upper
142 100
127 39.2 33.8 50.6
141 11.3 11.4 17.0#





#16

Acetone

Concen: 9.30 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004307.D

Acq: 29 Aug 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

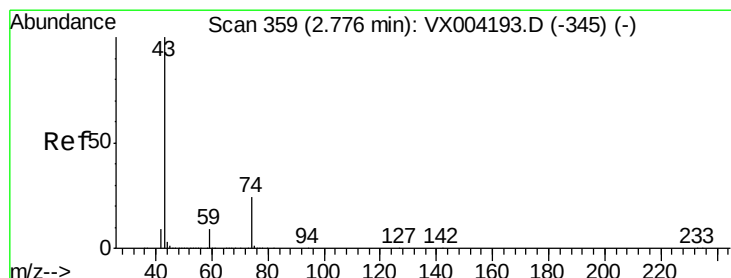
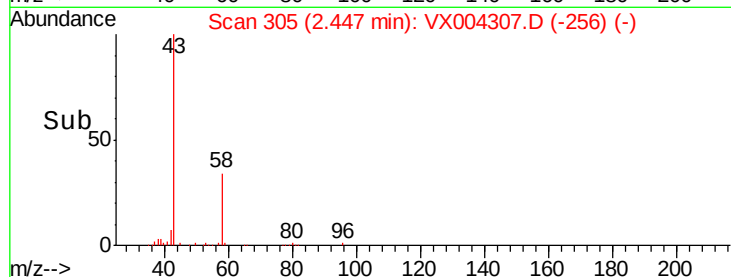
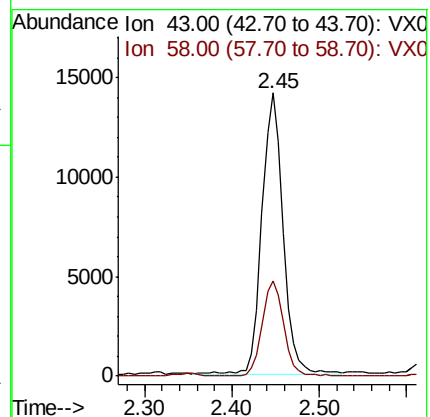
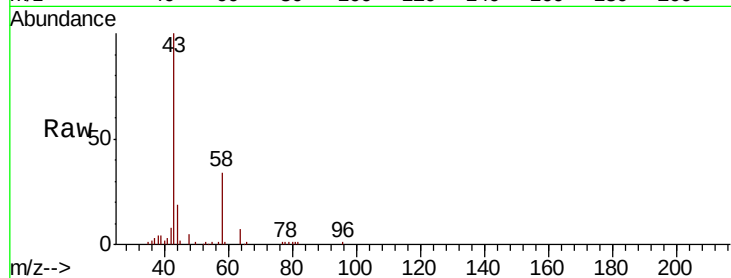
CB-0818-S-TCLP-GRID-42(2)

Tot Ion: 43 Resp: 23811

Ion Ratio Lower Upper

43 100

58 34.1 26.2 39.4



#18

Methyl Acetate

Concen: 1.34 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.00 min

Lab File: VX004307.D

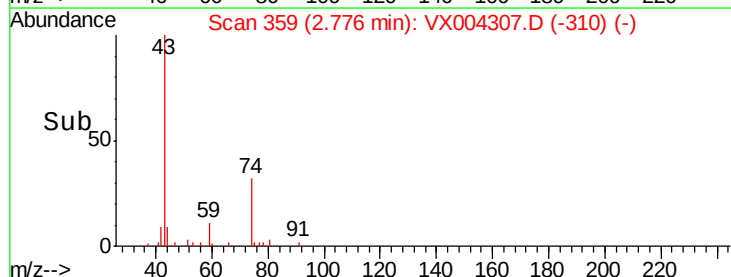
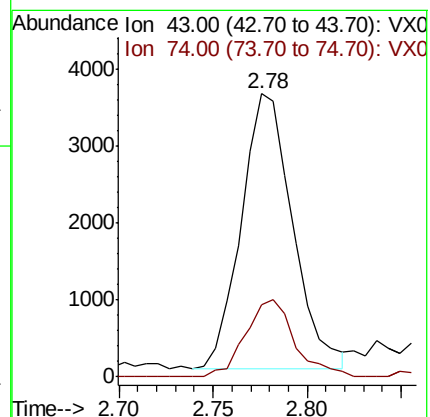
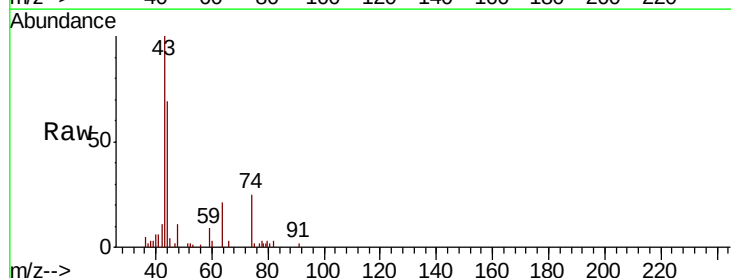
Acq: 29 Aug 2018 22:31

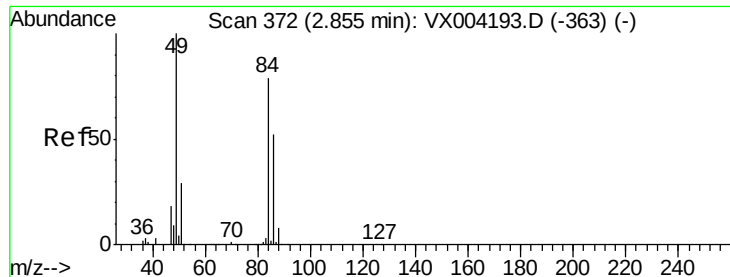
Tgt Ion: 43 Resp: 6776

Ion Ratio Lower Upper

43 100

74 26.5 19.4 29.2





#20

Methylene Chloride

Concen: 8.03 ug/l

RT: 2.86 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX004307.D

Acq: 29 Aug 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

CB-0818-S-TCLP-GRID-42(2)

Tot Ion: 84 Resp: 26404

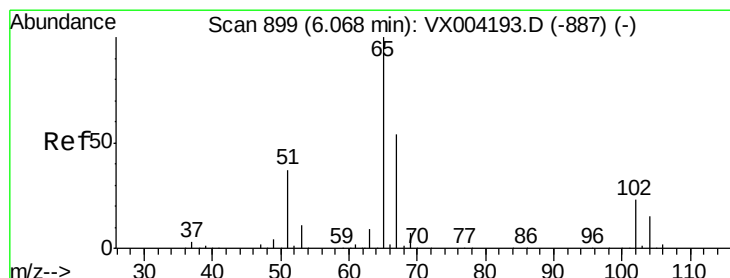
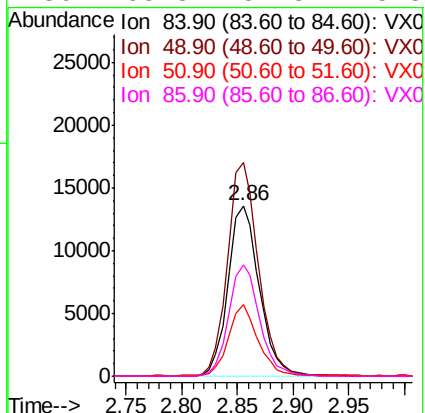
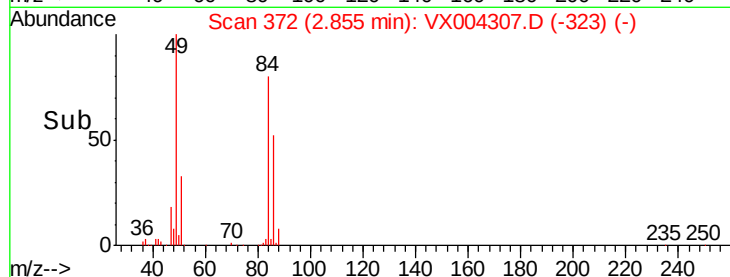
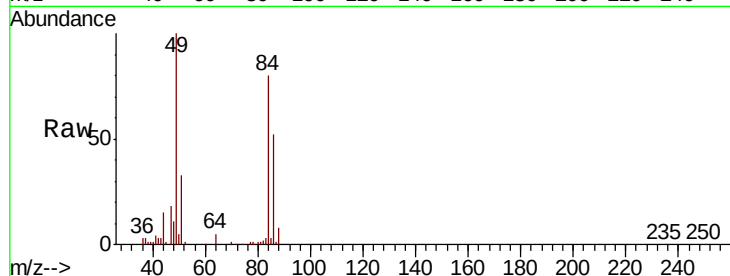
Ion Ratio Lower Upper

84 100

49 125.3 101.2 151.8

51 41.2 29.5 44.3

86 65.3 52.3 78.5



#33

1,2-Dichloroethane-d4

Concen: 55.21 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004307.D

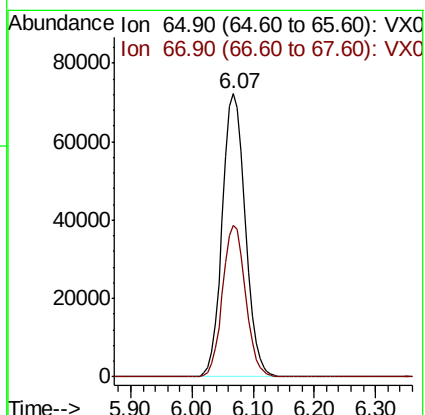
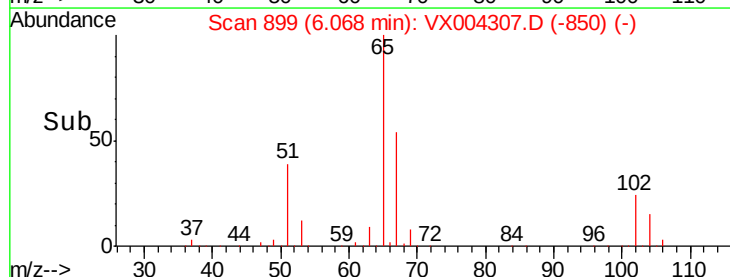
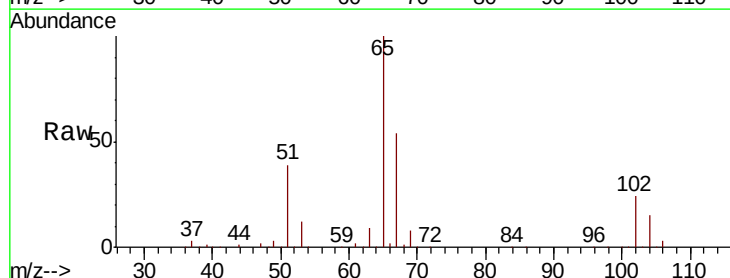
Acq: 29 Aug 2018 22:31

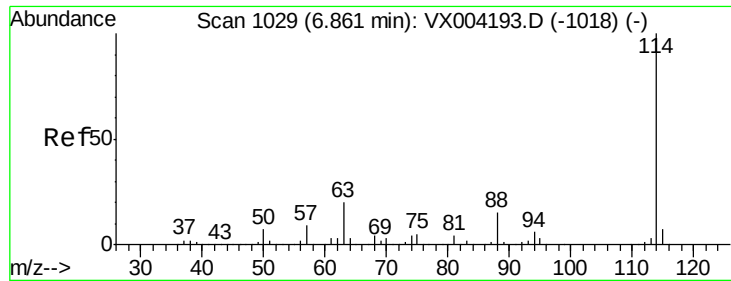
Tgt Ion: 65 Resp: 188633

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.8

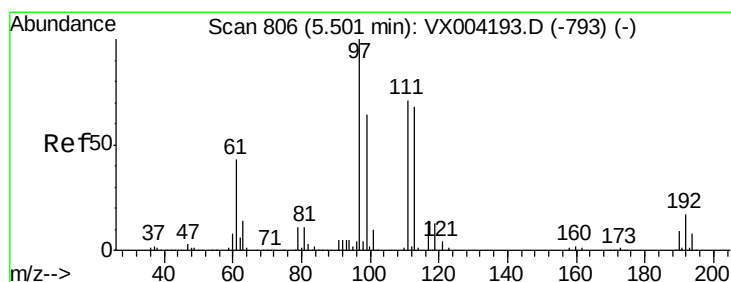
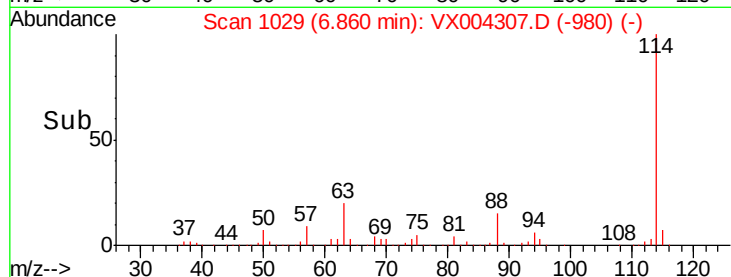
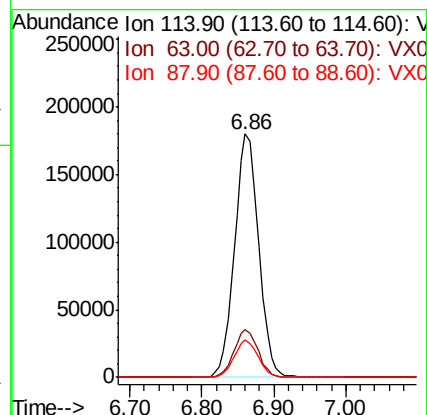
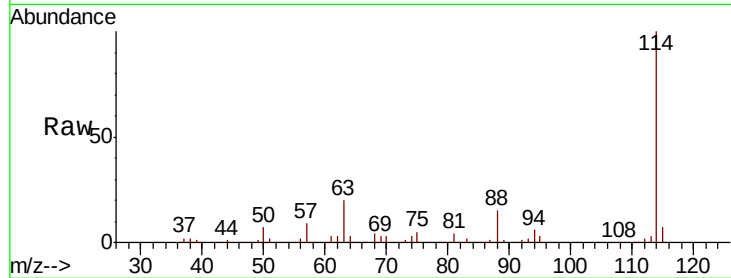




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004307.D
 Acq: 29 Aug 2018 22:31

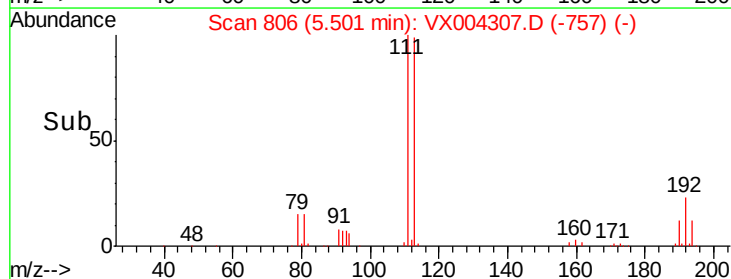
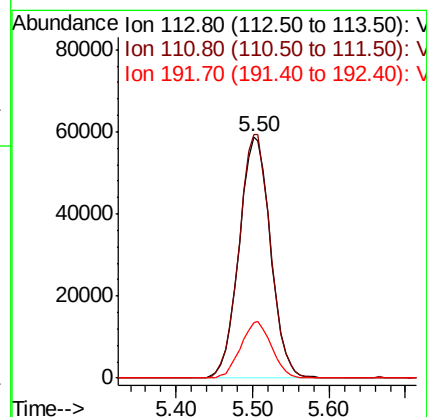
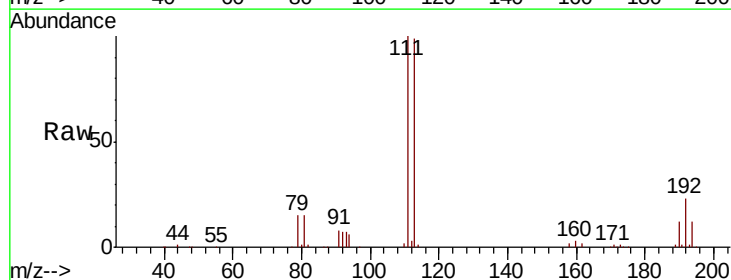
Instrument :
 MSVOA_X
 ClientSampleId :
 CB-0818-S-TCLP-GRID-42(2)

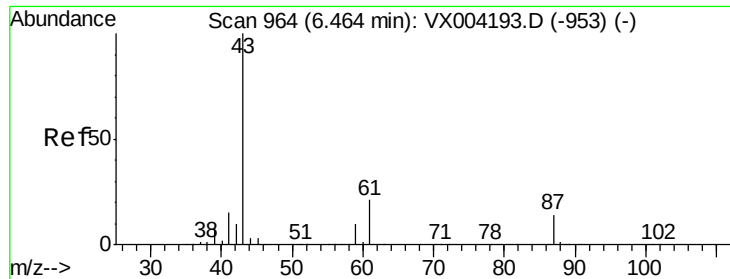
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.0
88	15.4	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 53.48 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004307.D
 Acq: 29 Aug 2018 22:31

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.4	123.6
192	23.2	19.4	29.2





#43

Isopropyl Acetate

Concen: 10.97 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004307.D

Acq: 29 Aug 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

CB-0818-S-TCLP-GRID-42(2)

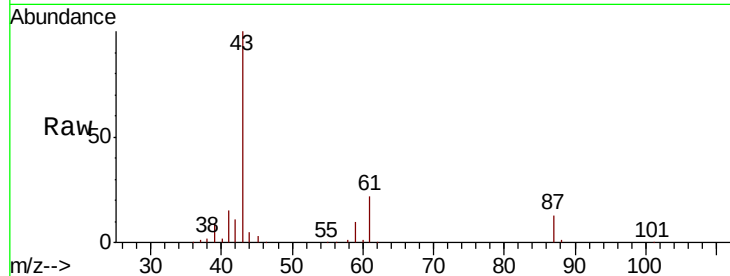
Tot Ion: 43 Resp: 78104

Ion Ratio Lower Upper

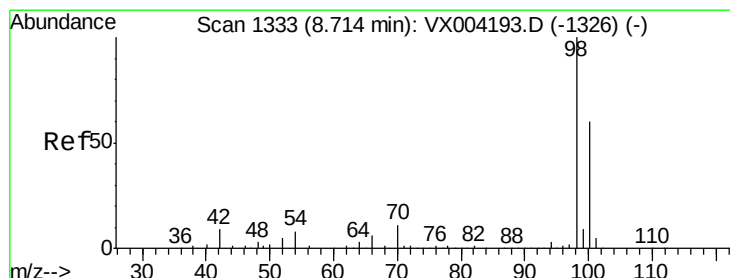
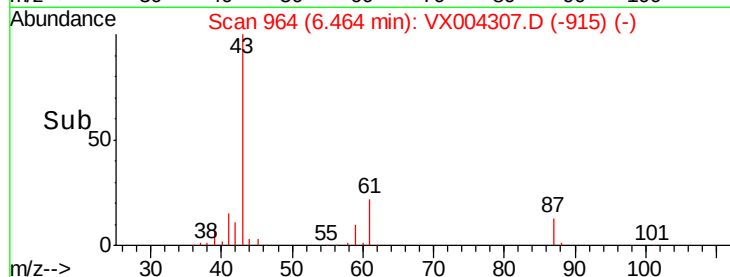
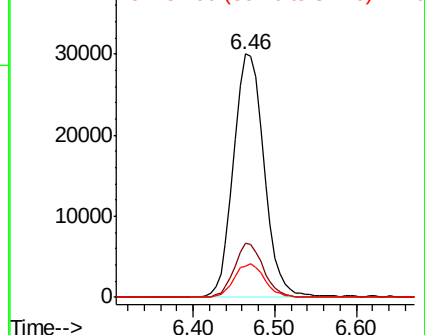
43 100

61 21.0 17.0 25.4

87 13.5 11.4 17.2



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: 51.14 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.00 min

Lab File: VX004307.D

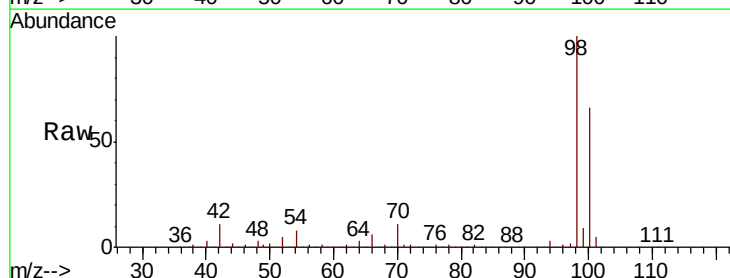
Acq: 29 Aug 2018 22:31

Tgt Ion: 98 Resp: 602028

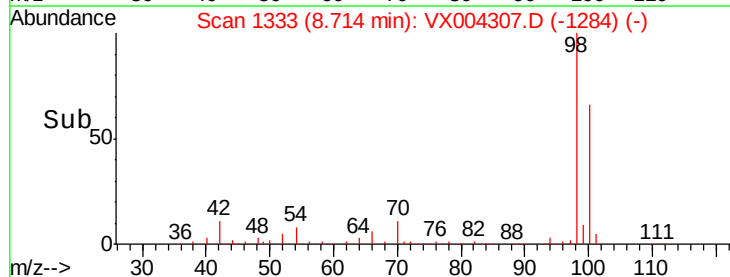
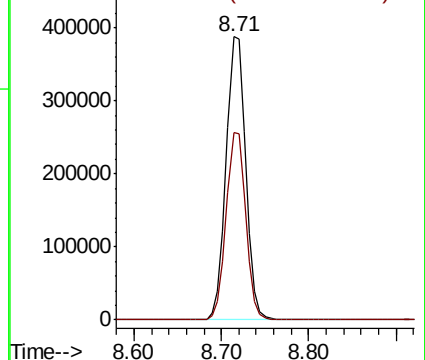
Ion Ratio Lower Upper

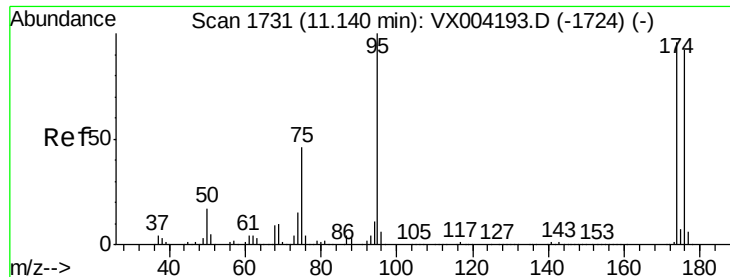
98 100

100 66.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

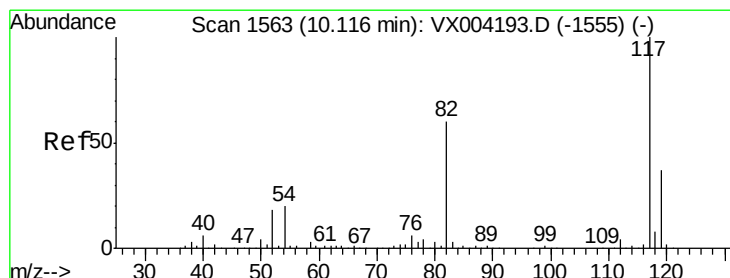
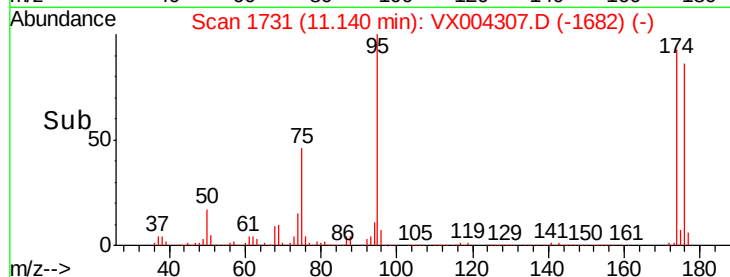
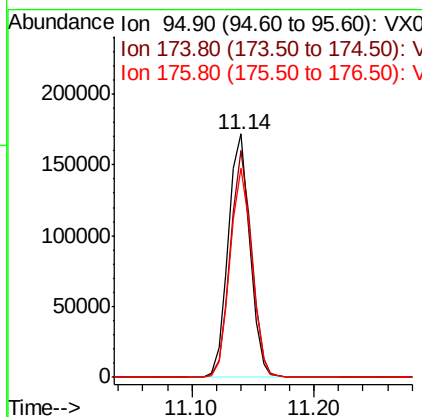
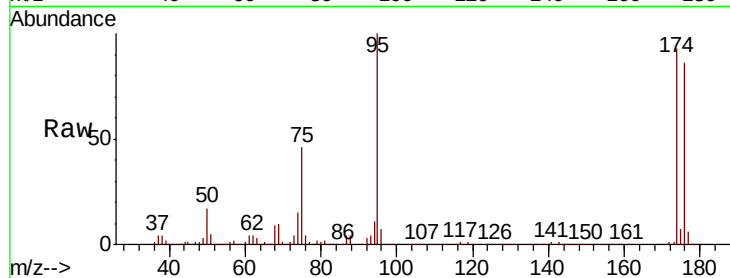




#62
4-Bromofluorobenzene
Concen: 47.86 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004307.D
Acq: 29 Aug 2018 22:31

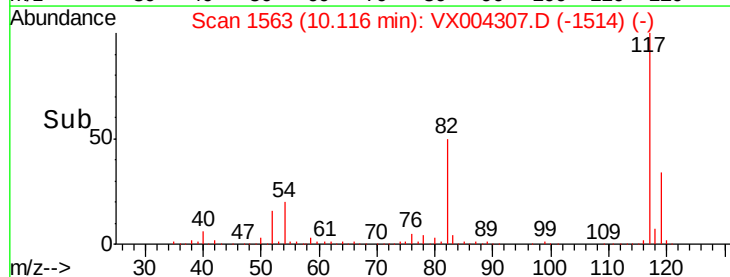
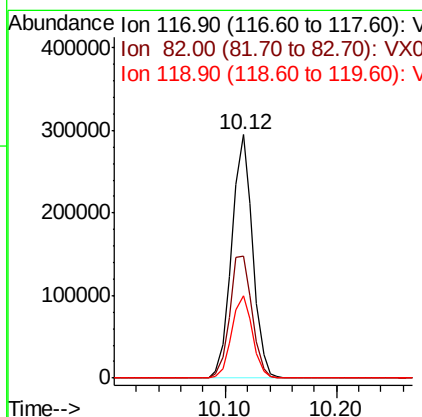
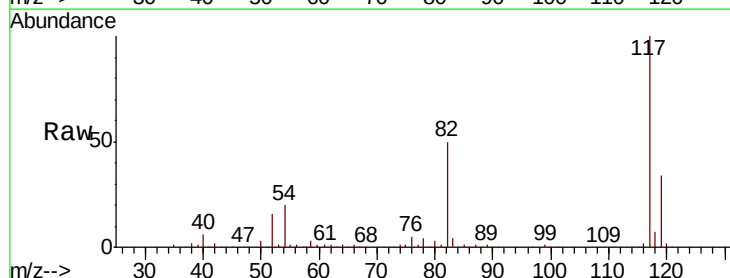
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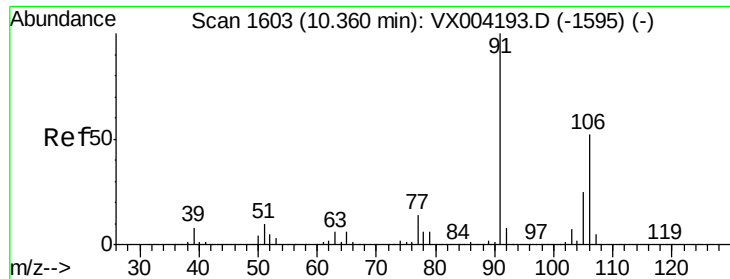
Tot Ion: 95 Resp: 210248
Ion Ratio Lower Upper
95 100
174 91.7 0.0 185.2
176 86.7 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004307.D
Acq: 29 Aug 2018 22:31

Tgt Ion: 117 Resp: 381625
Ion Ratio Lower Upper
117 100
82 50.2 47.8 71.6
119 33.9 29.3 43.9

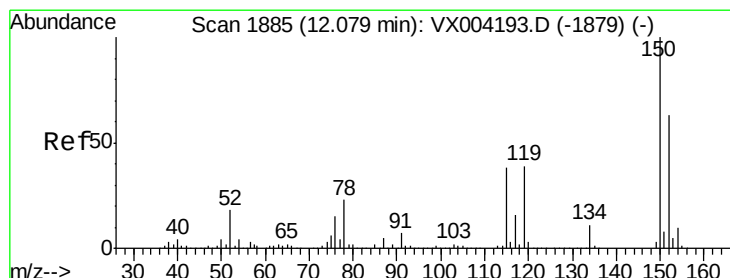
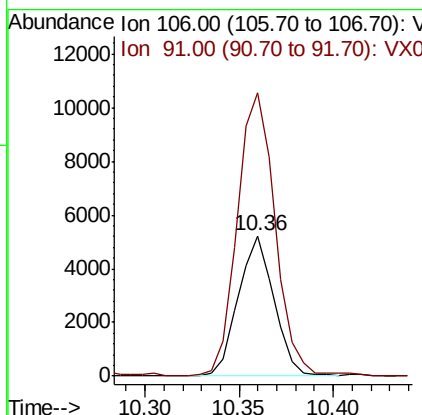
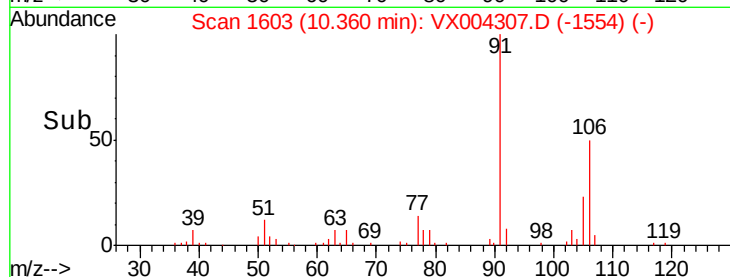
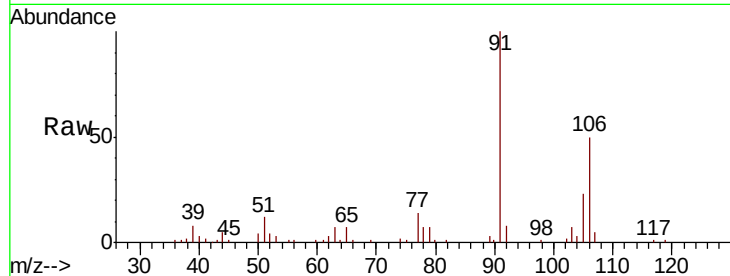




#68
m/p-Xvlenes
Concen: 1.13 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004307.D
Acq: 29 Aug 2018 22:31

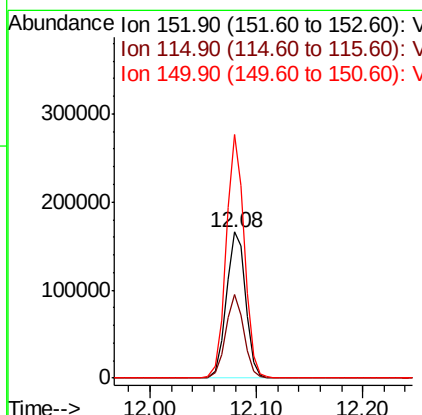
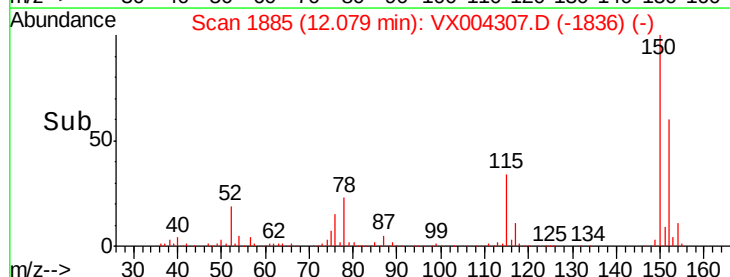
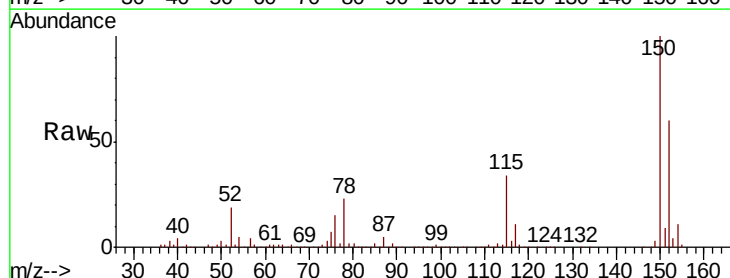
Instrument :
MSVOA_X
ClientSampleId :
CB-0818-S-TCLP-GRID-42(2)

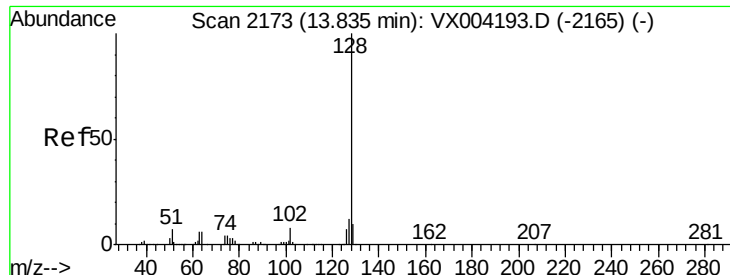
Tot Ion:106 Resp: 6852
Ion Ratio Lower Upper
106 100
91 215.3 157.1 235.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004307.D
Acq: 29 Aug 2018 22:31

Tgt Ion:152 Resp: 210240
Ion Ratio Lower Upper
152 100
115 54.0 39.0 117.0
150 157.0 0.0 351.0

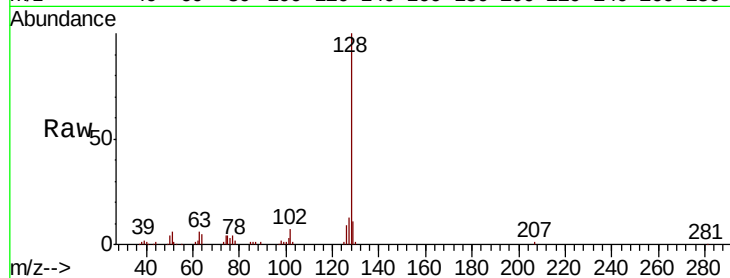




#95
Naphthalene
Concen: 2.10 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX004307.D
Acq: 29 Aug 2018 22:31

Instrument :
MSVOA_X
ClientSampleId :
CB-0818-S-TCLP-GRID-42(2)

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.2	15.2
129	10.8	8.6	12.8



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

