

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX060118\
 Data File : VX002228.D
 Acq On : 01 Jun 2018 22:37
 Operator : JC/MD
 Sample : J3151-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0464-180523

Quant Time: Jun 02 04:31:34 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

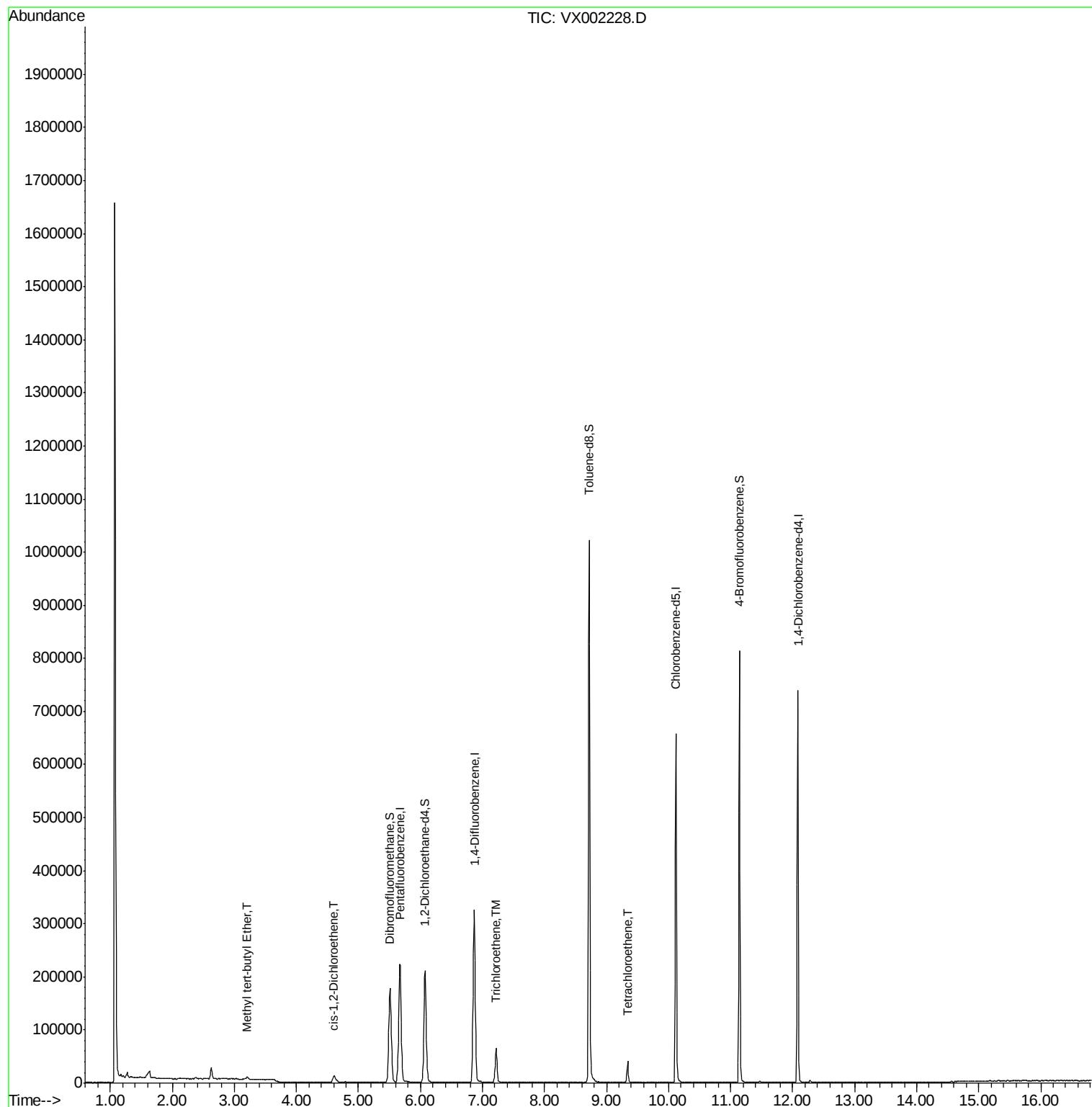
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	222156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	319841	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	287958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	152418	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	199642	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
35) Dibromofluoromethane	5.51	113	143562	44.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.78%	
50) Toluene-d8	8.72	98	581016	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
62) 4-Bromofluorobenzene	11.14	95	193067	42.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.22%	
Target Compounds						
19) Methyl tert-butyl Ether	3.21	73	5010	0.514	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	5865	1.737	ug/l #	4
44) Trichloroethene	7.22	130	23980	6.314	ug/l	96
64) Tetrachloroethene	9.34	164	7949	1.925	ug/l	94

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002228.D

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Instrument :

MSVOA_X

ClientSampleId :

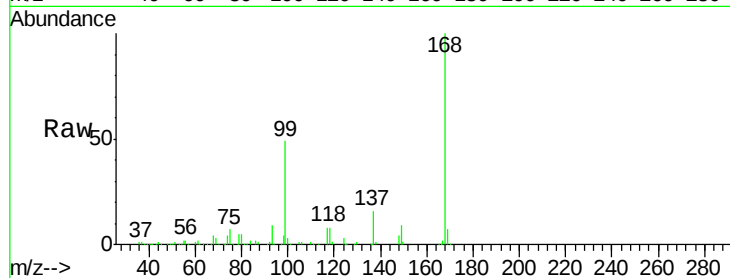
DUP-0464-180523

Tgt Ion:168 Resp: 222156

Ion Ratio Lower Upper

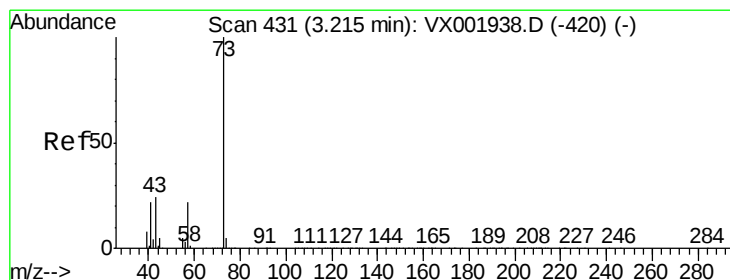
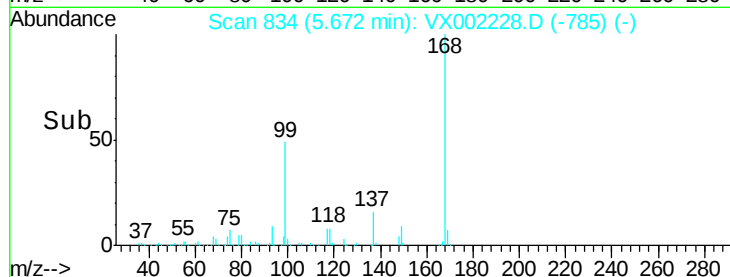
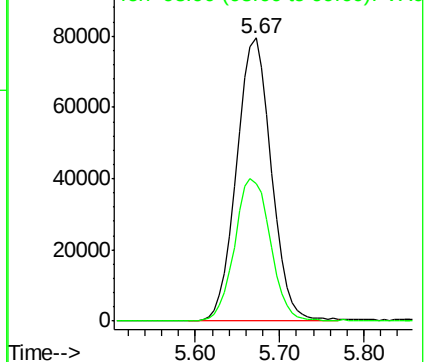
168 100

99 48.6 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#19

Methyl tert-butyl Ether

Concen: 0.514 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX002228.D

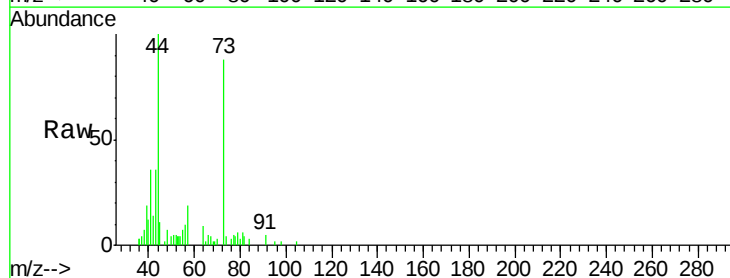
Acq: 01 Jun 2018 22:37

Tgt Ion: 73 Resp: 5010

Ion Ratio Lower Upper

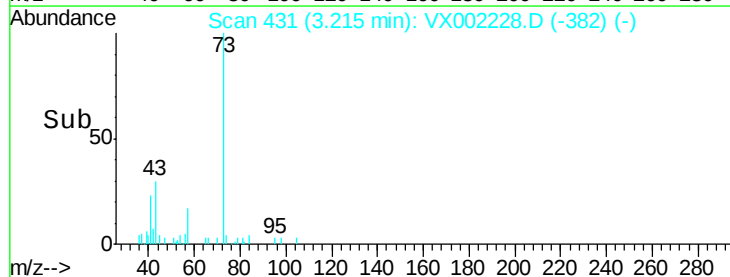
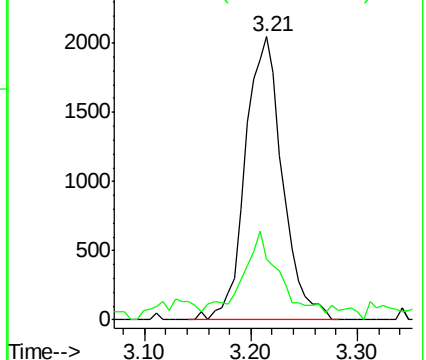
73 100

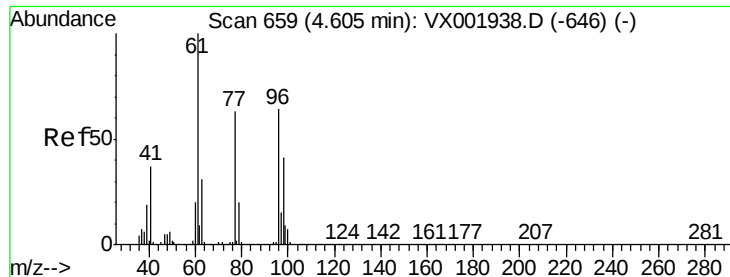
57 18.2 17.4 26.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



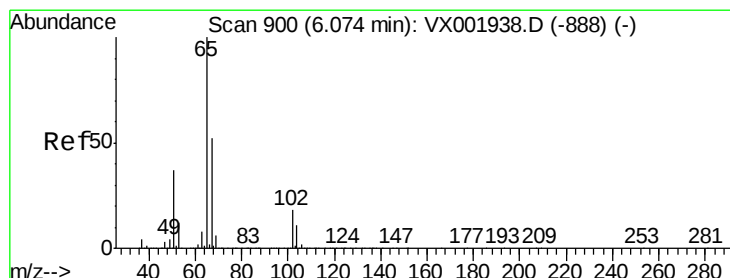
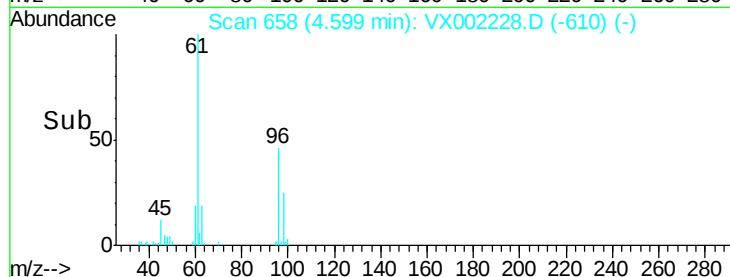
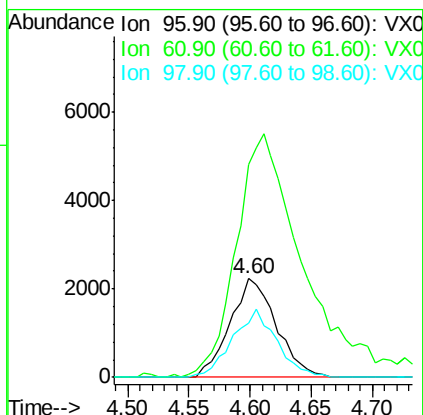
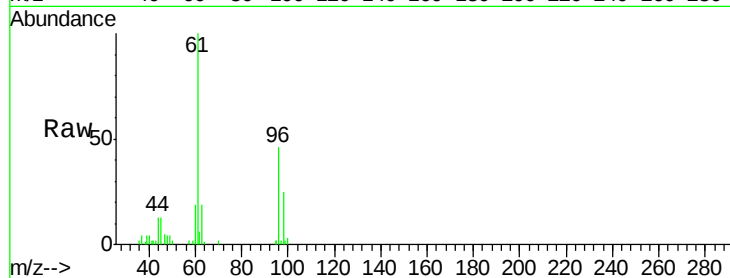


#27

cis-1,2-Dichloroethene
Concen: 1.737 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :
DUP-0464-180523

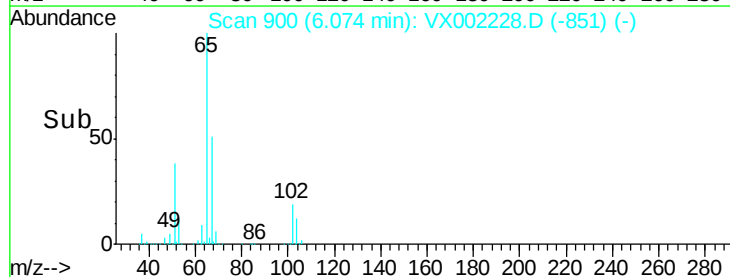
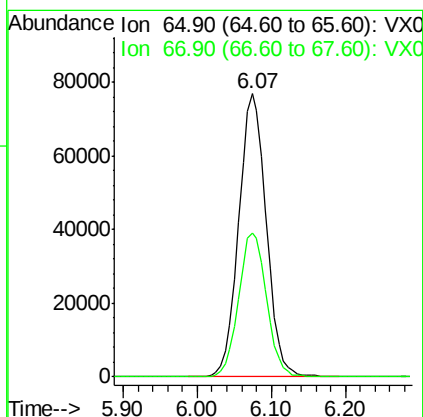
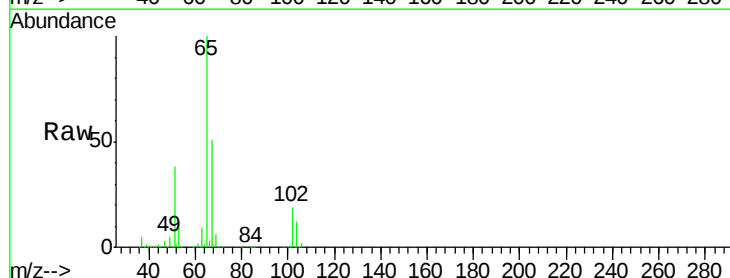
Tgt Ion: 96 Resp: 5865
Ion Ratio Lower Upper
96 100
61 355.0 0.0 348.4#
98 66.3 0.0 128.6

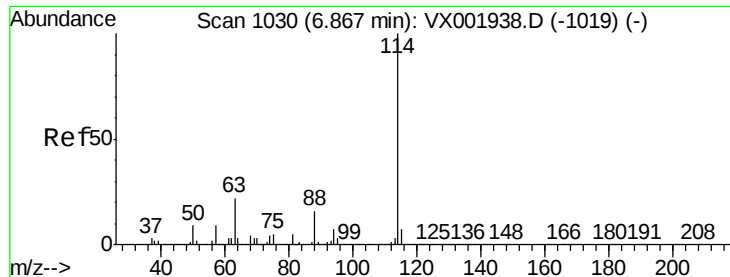


#33

1,2-Dichloroethane-d4
Concen: 50.274 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Tgt Ion: 65 Resp: 199642
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.0

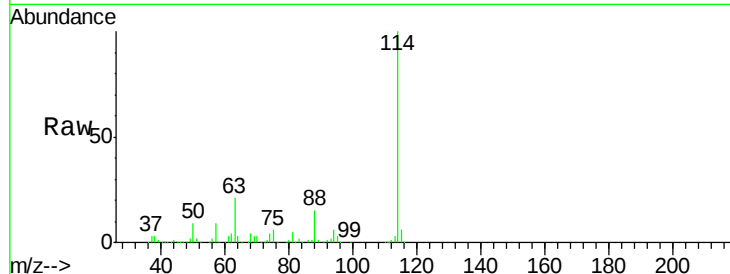




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002228.D
 Acq: 01 Jun 2018 22:37

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0464-180523

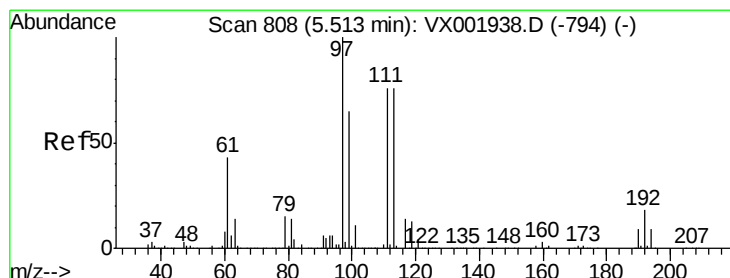
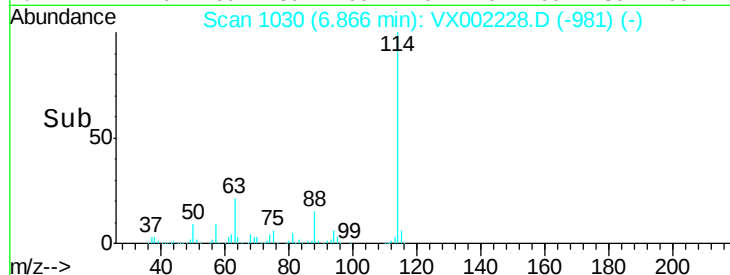
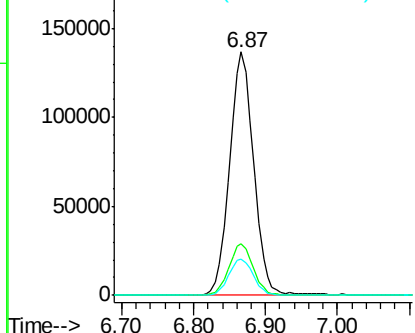
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.2
88	15.1	0.0	31.6



Abundance Ion 113.90 (113.60 to 114.60): V

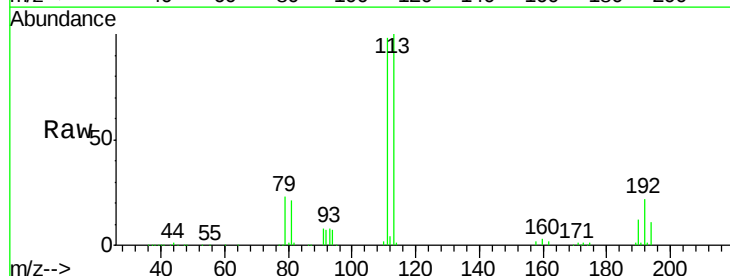
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35
 Dibromofluoromethane
 Concen: 44.885 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX002228.D
 Acq: 01 Jun 2018 22:37

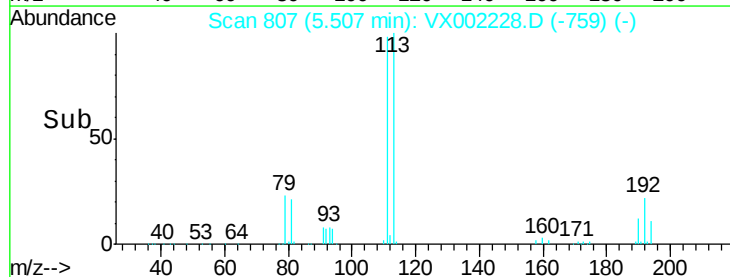
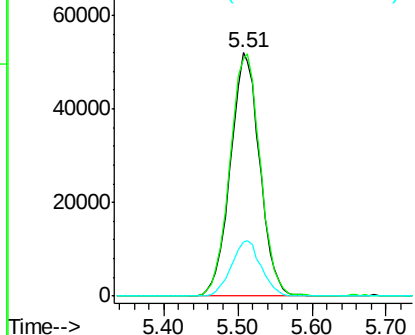
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.0	123.0
192	23.0	18.9	28.3

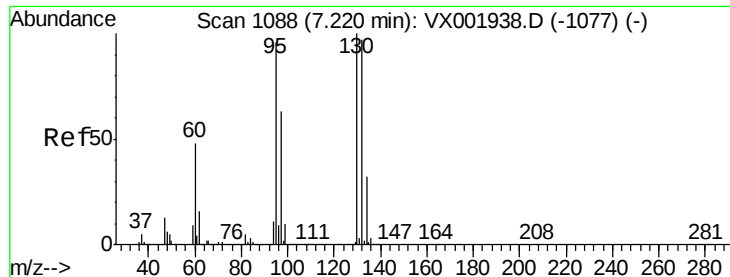


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

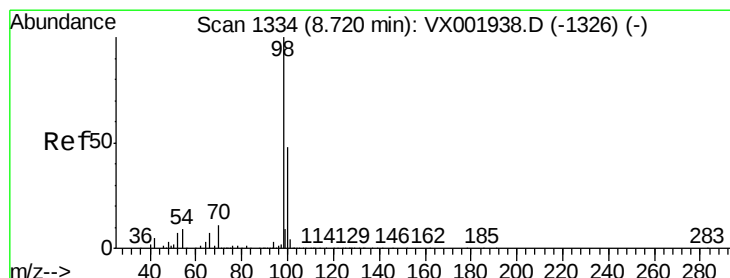
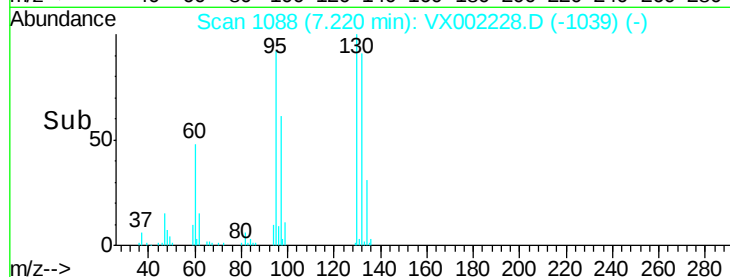
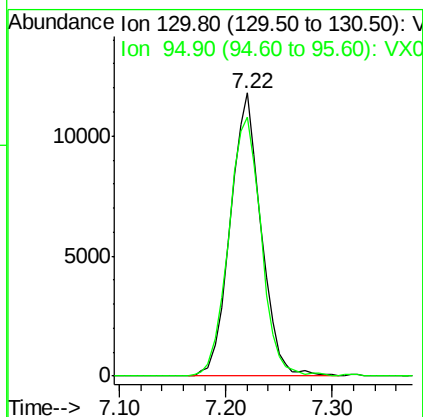
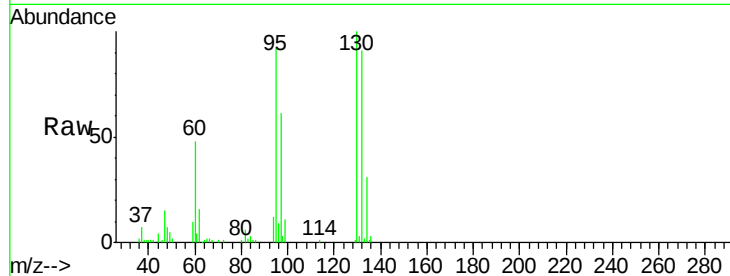




#44
 Trichloroethene
 Concen: 6.314 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX002228.D
 Acq: 01 Jun 2018 22:37

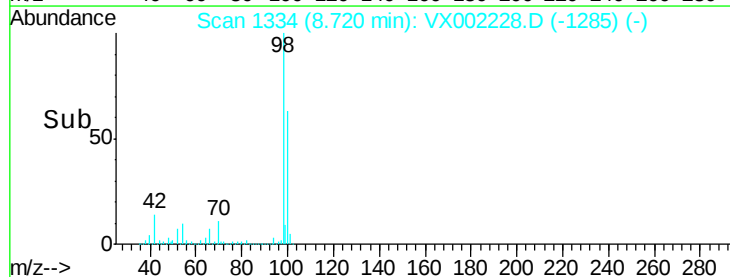
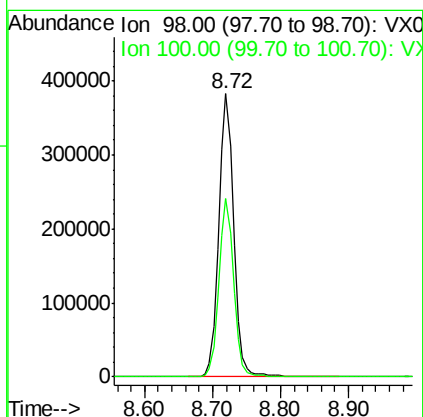
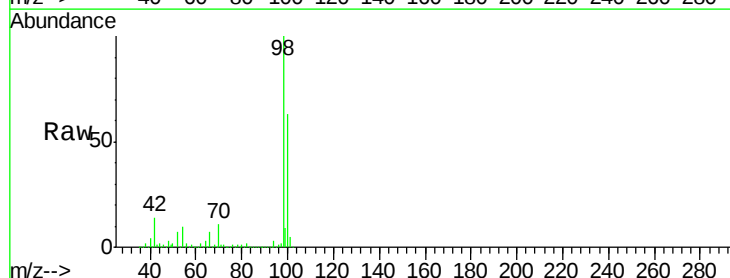
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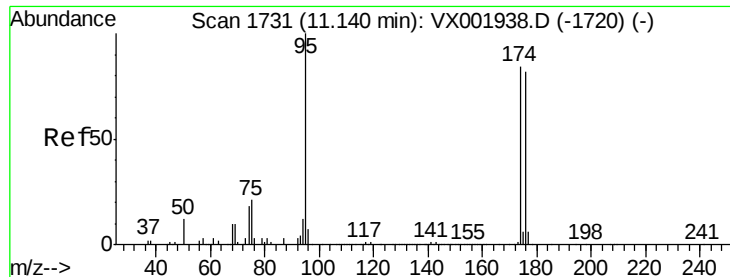
Tgt Ion:130 Resp: 23980
 Ion Ratio Lower Upper
 130 100
 95 91.7 0.0 192.0



#50
 Toluene-d8
 Concen: 50.177 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002228.D
 Acq: 01 Jun 2018 22:37

Tgt Ion: 98 Resp: 581016
 Ion Ratio Lower Upper
 98 100
 100 62.7 51.5 77.3

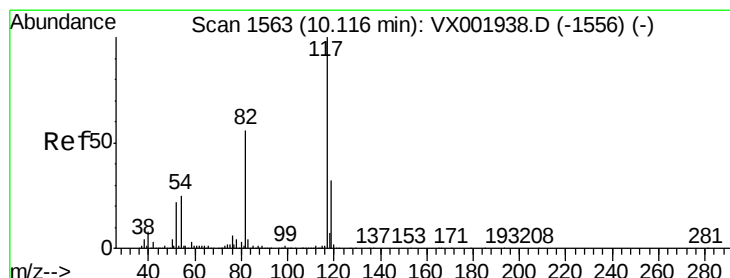
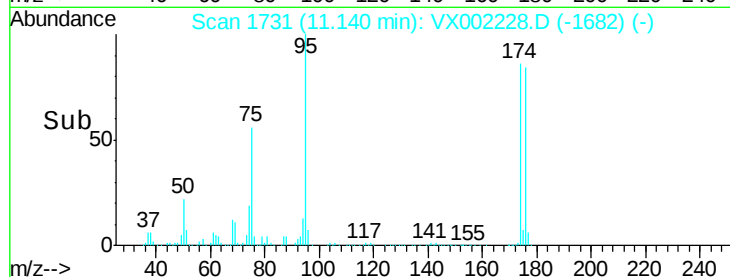
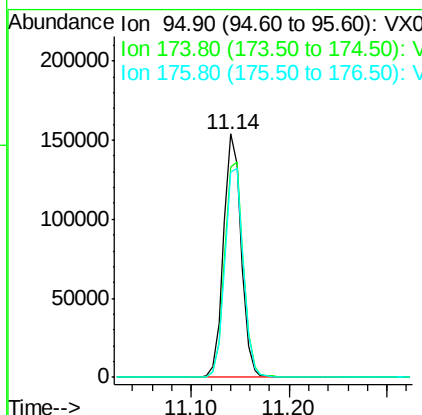
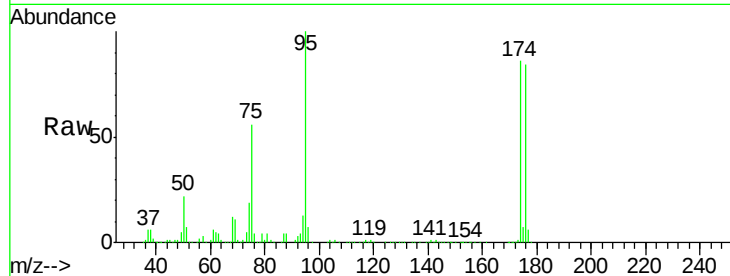




#62
4-Bromofluorobenzene
Concen: 42.615 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

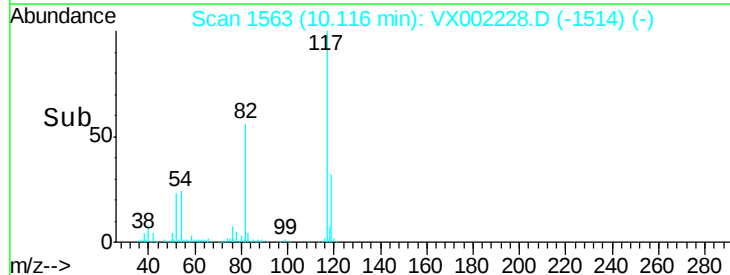
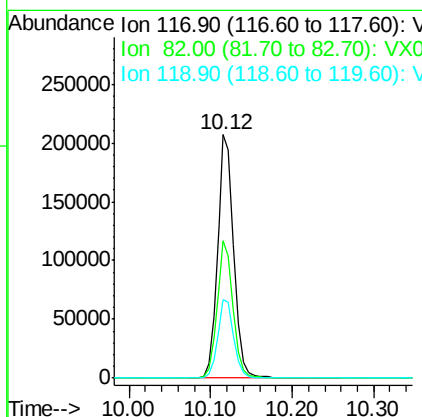
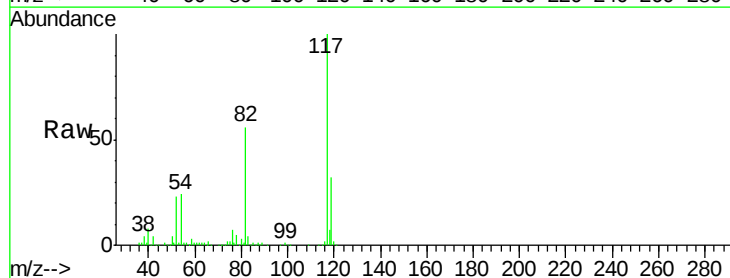
Instrument :
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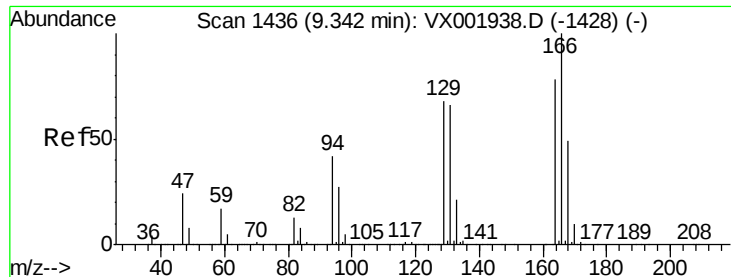
Tgt Ion: 95 Resp: 193067
Ion Ratio Lower Upper
95 100
174 92.9 0.0 178.8
176 89.7 0.0 175.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Tgt Ion: 117 Resp: 287958
Ion Ratio Lower Upper
117 100
82 56.3 44.8 67.2
119 32.4 25.5 38.3

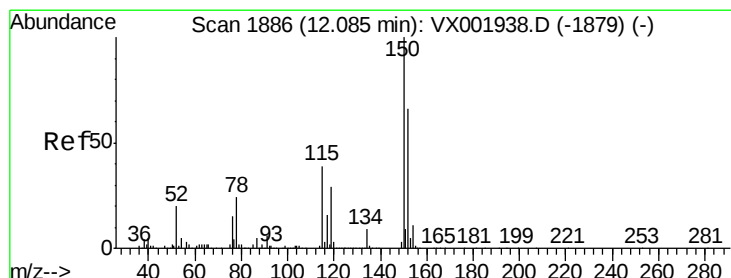
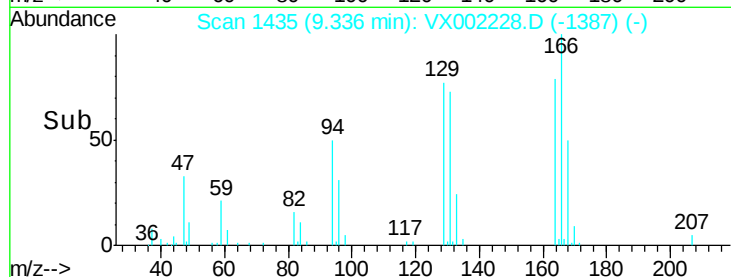
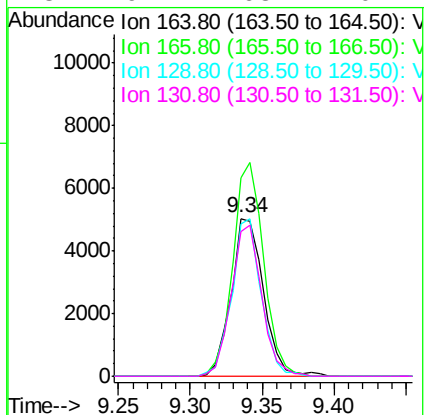
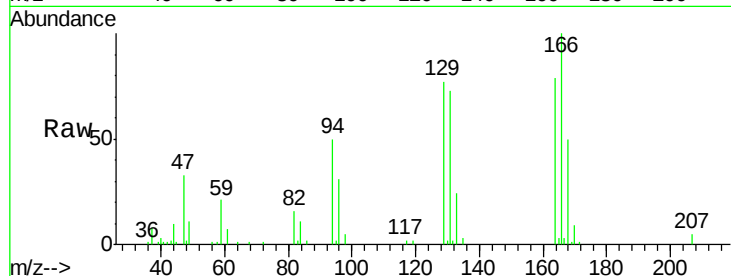




#64
Tetrachloroethene
Concen: 1.925 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :
DUP-0464-180523

Tgt Ion:164 Resp: 7949
Ion Ratio Lower Upper
164 100
166 125.9 102.7 154.1
129 96.4 70.3 105.5
131 91.7 68.2 102.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Tgt Ion:152 Resp: 152418
Ion Ratio Lower Upper
152 100
115 55.8 42.3 126.8
150 156.1 0.0 351.0

