

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080818\
 Data File : VX003928.D
 Acq On : 08 Aug 2018 17:18
 Operator : JC/MD
 Sample : J4383-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JTY-GW-05

Quant Time: Aug 09 03:14:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	291912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	461847	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	432044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210175	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	205001	52.98	ug/l	0.00
Spiked Amount			Recovery	=	105.96%	
35) Dibromofluoromethane	5.51	113	177023	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	
50) Toluene-d8	8.72	98	652067	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	
62) 4-Bromofluorobenzene	11.14	95	223325	50.73	ug/l	0.00
Spiked Amount			Recovery	=	101.46%	

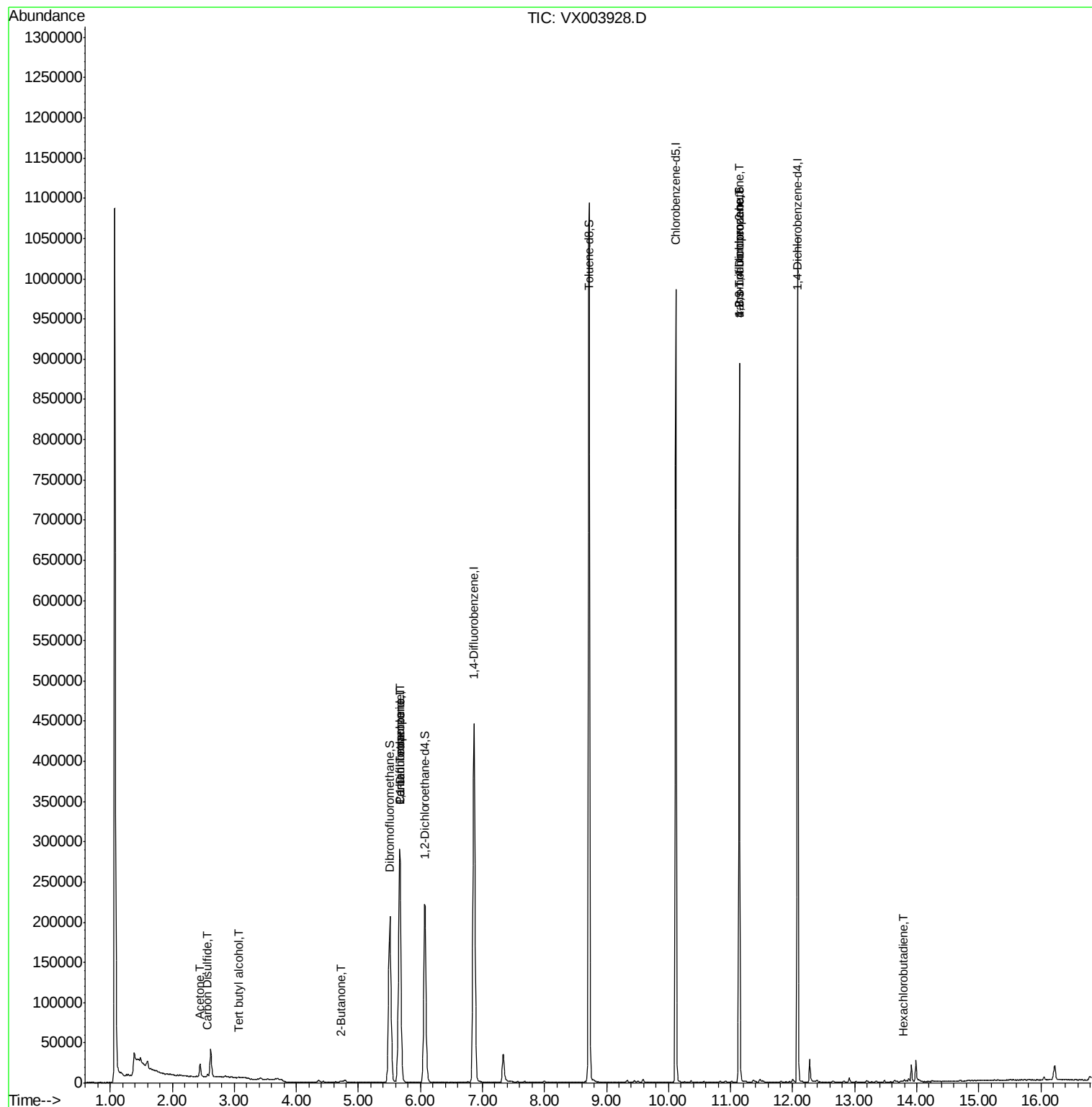
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	688	Below Cal		87
11) Tert butyl alcohol	3.07	59	1429	1.54 ug/l	#	79
13) Acrolein	2.29	56	324	Below Cal	#	1
16) Acetone	2.45	43	16533	7.18 ug/l		100
17) Carbon Disulfide	2.57	76	4844	0.98 ug/l	#	94
20) Methylene Chloride	2.86	84	788	Below Cal		92
25) 2-Butanone	4.72	43	3331	0.96 ug/l		94
36) 1,1-Dichloropropene	5.66	75	19775	3.82 ug/l	#	41
38) Carbon Tetrachloride	5.67	117	25738	5.23 ug/l	#	14
76) 1,2,3-Trichloropropane	11.14	75	108731	23.42 ug/l	#	36
81) trans-1,4-Dichloro-2-buten	11.14	75	108731	63.11 ug/l	#	9
88) 1,4-Dichlorobenzene	12.03	146	350	Below Cal		85
94) Hexachlorobutadiene	13.79	225	240	0.53 ug/l		93

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

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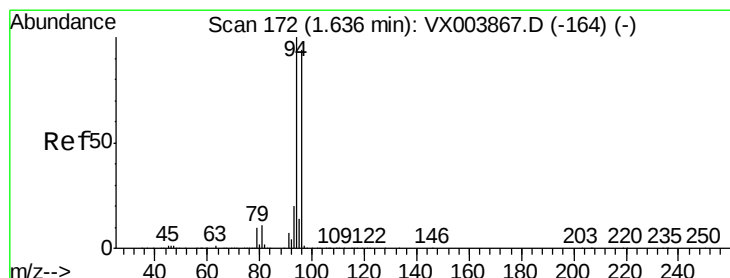
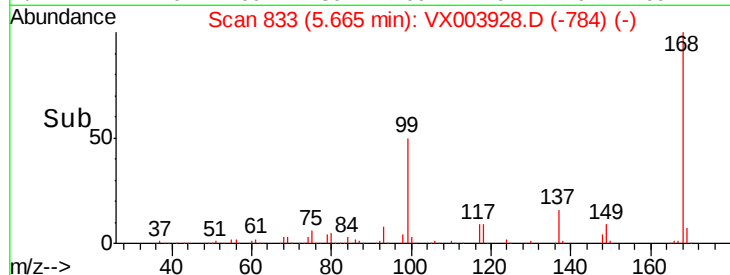
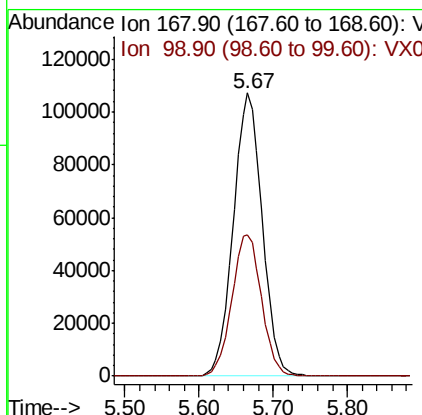
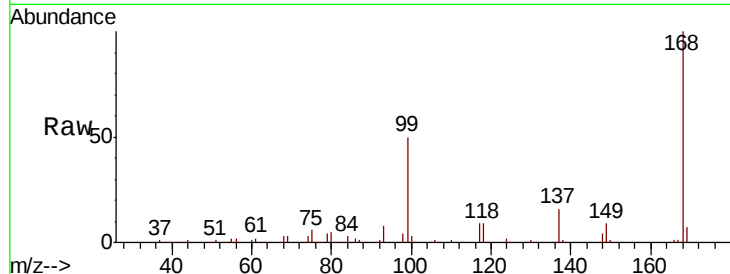




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003928.D
Acq: 08 Aug 2018 17:18

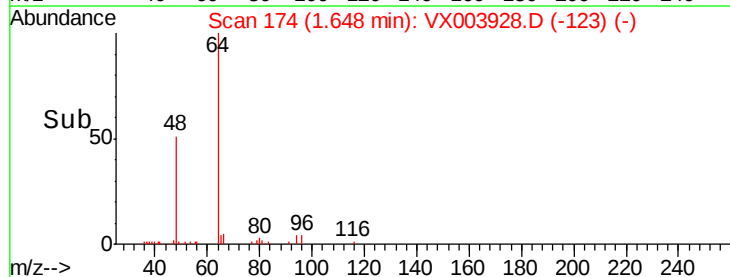
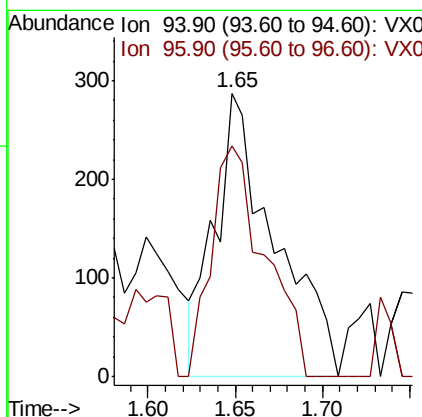
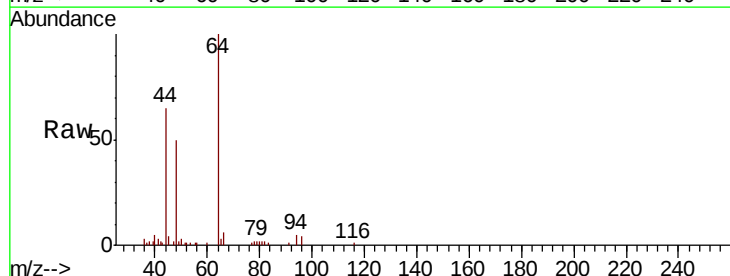
Instrument :
MSVOA_X
ClientSampleId :
JTY-GW-05

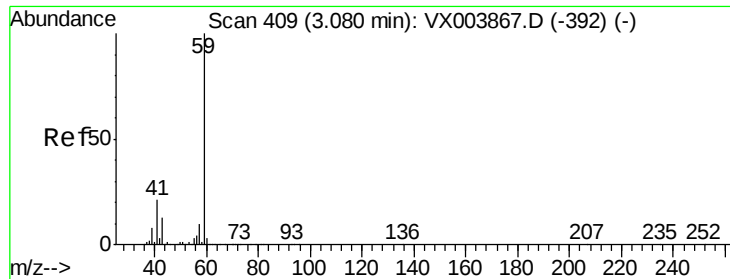
Tot Ion:168 Resp: 291912
Ion Ratio Lower Upper
168 100
99 49.8 40.1 60.1



#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX003928.D
Acq: 08 Aug 2018 17:18

Tgt Ion: 94 Resp: 688
Ion Ratio Lower Upper
94 100
96 81.5 75.2 112.8



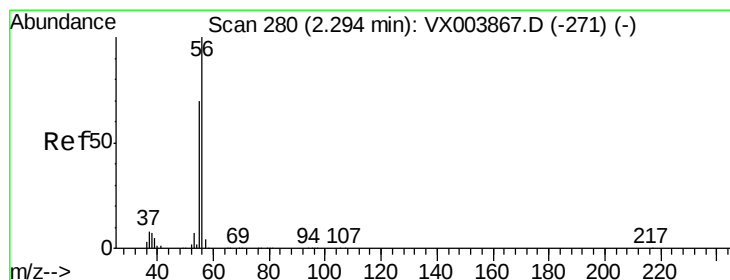
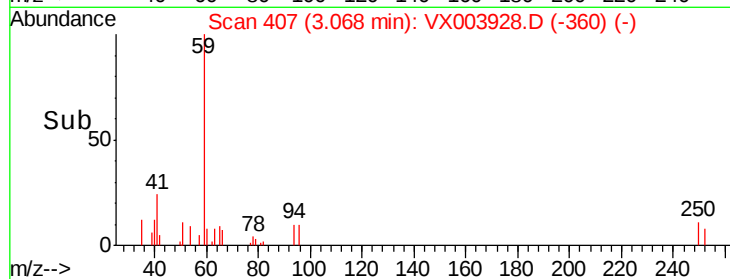
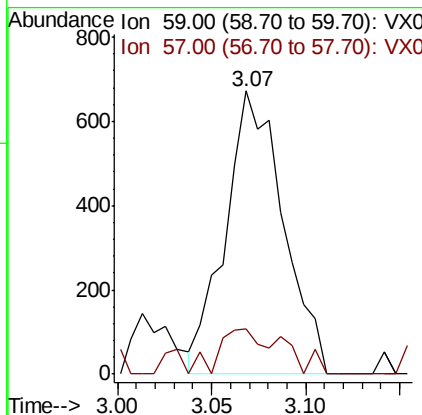
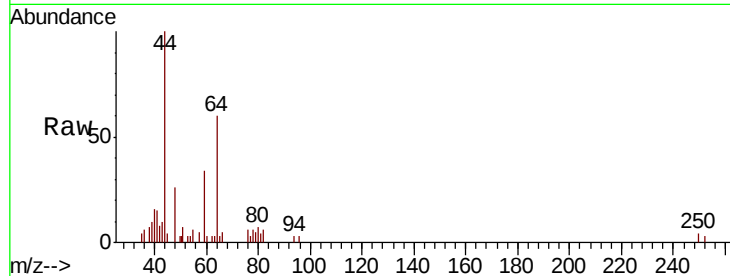


#11

Tert butyl alcohol
 Concen: 1.54 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX003928.D
 Acq: 08 Aug 2018 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 JTY-GW-05

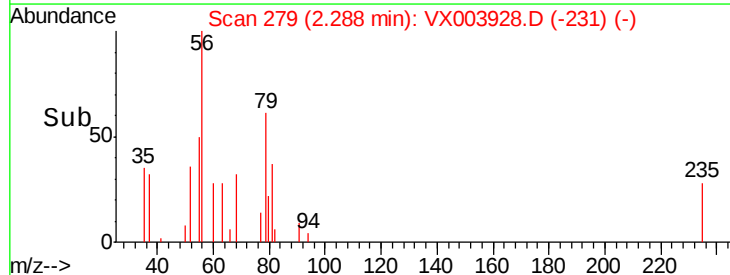
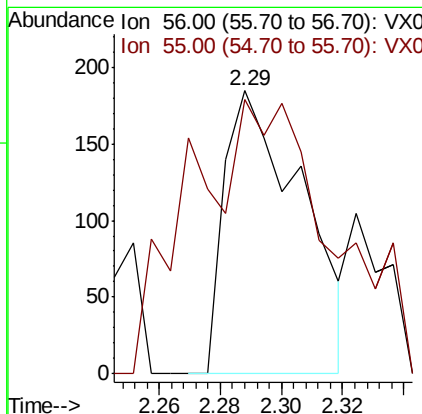
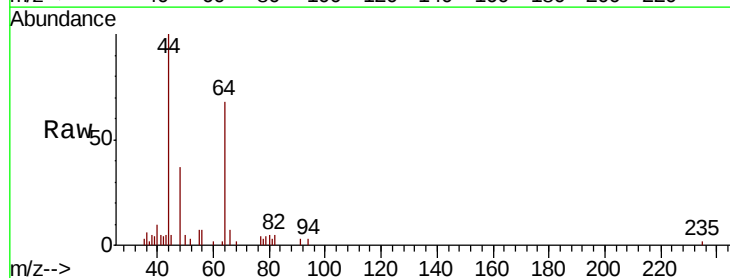
Tot Ion: 59 Resp: 1429
 Ion Ratio Lower Upper
 59 100
 57 17.9 8.1 12.1#

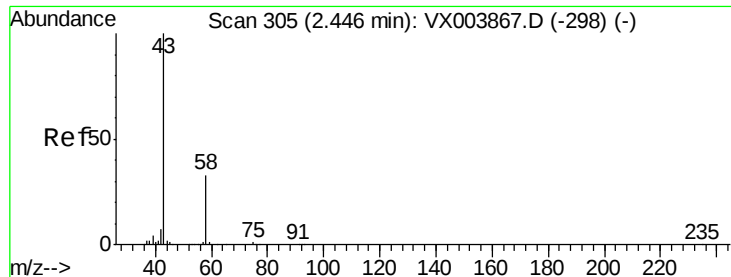


#13

Acrolein
 Concen: Below Cal
 RT: 2.29 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX003928.D
 Acq: 08 Aug 2018 17:18

Tgt Ion: 56 Resp: 324
 Ion Ratio Lower Upper
 56 100
 55 178.4 56.1 84.1#





#16

Acetone

Concen: 7.18 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003928.D

Acq: 08 Aug 2018 17:18

Instrument :

MSVOA_X

ClientSampled :

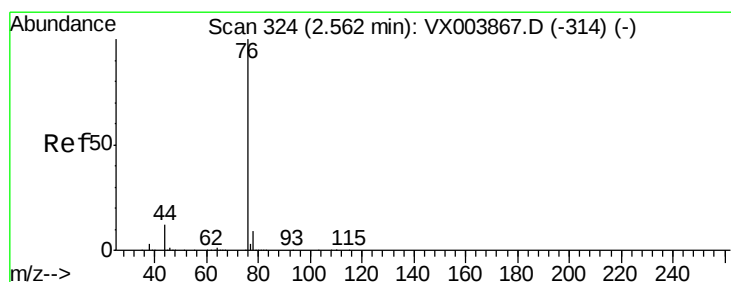
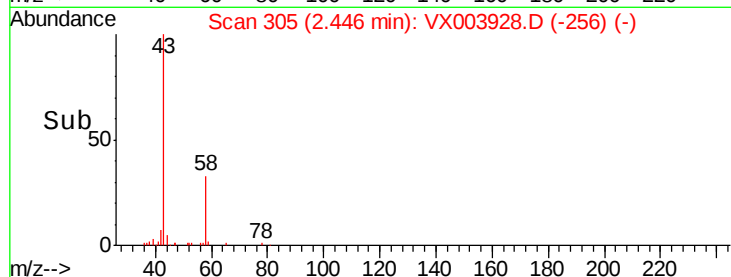
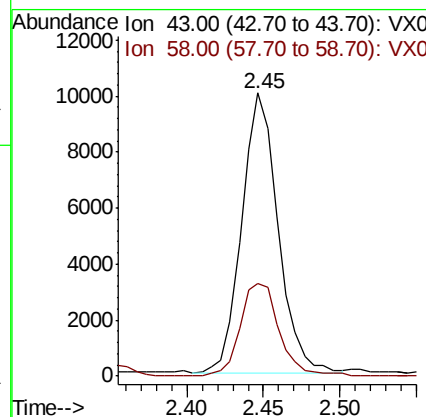
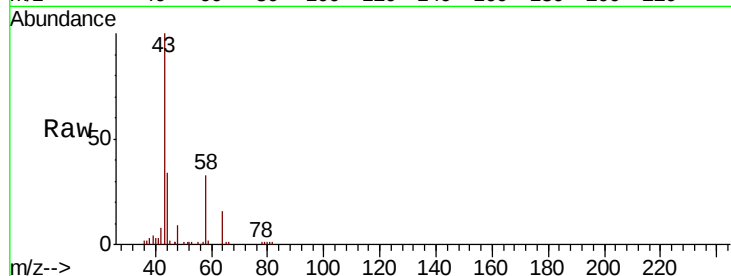
JTY-GW-05

Tot Ion: 43 Resp: 16533

Ion Ratio Lower Upper

43 100

58 32.9 26.4 39.6



#17

Carbon Disulfide

Concen: 0.98 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003928.D

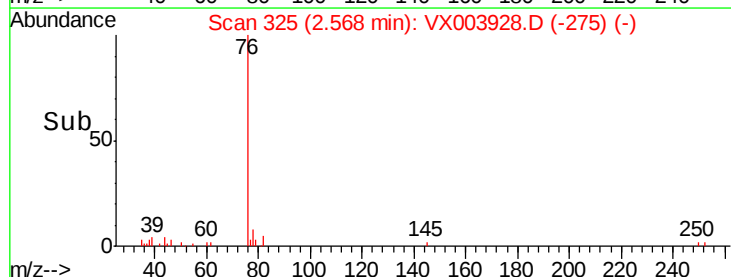
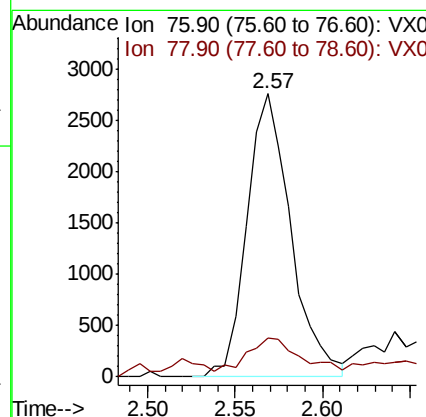
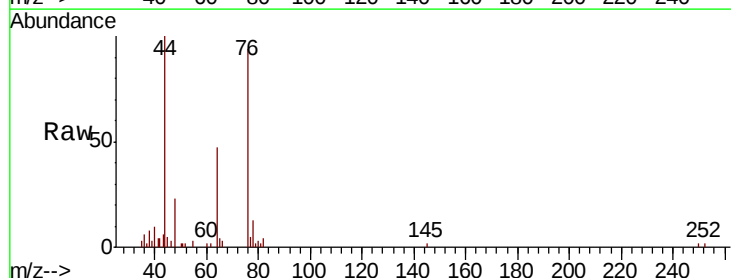
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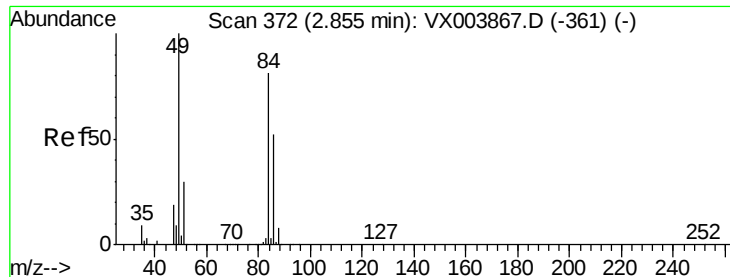
Tgt Ion: 76 Resp: 4844

Ion Ratio Lower Upper

76 100

78 11.7 7.5 11.3#

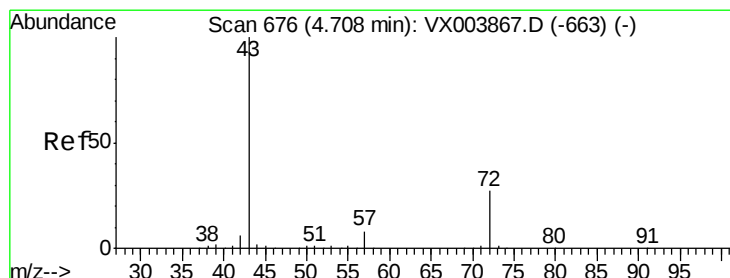
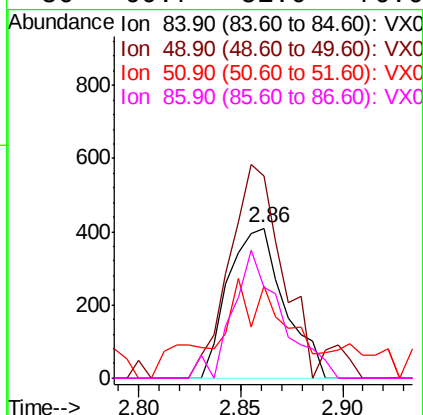
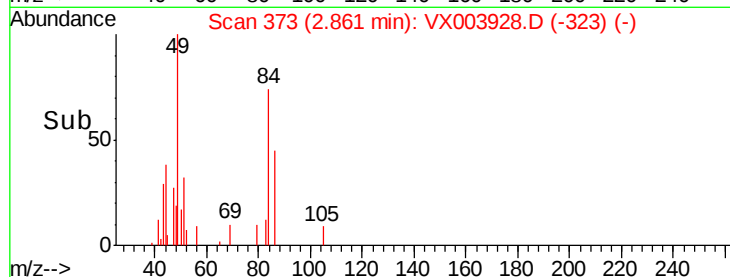
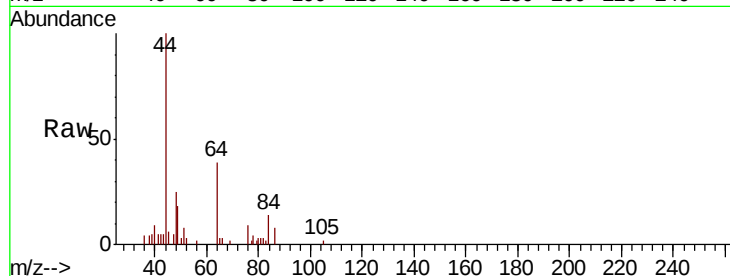




#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003928.D
Acq: 08 Aug 2018 17:18

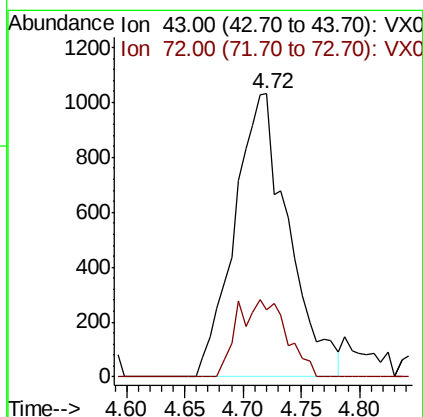
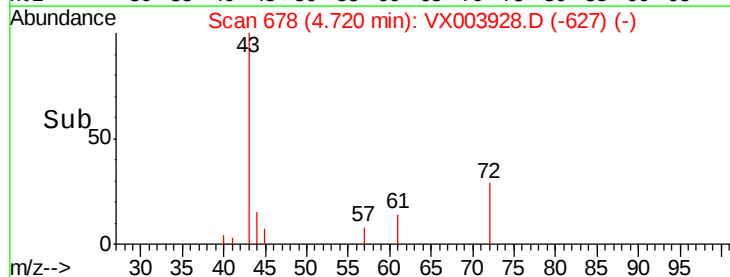
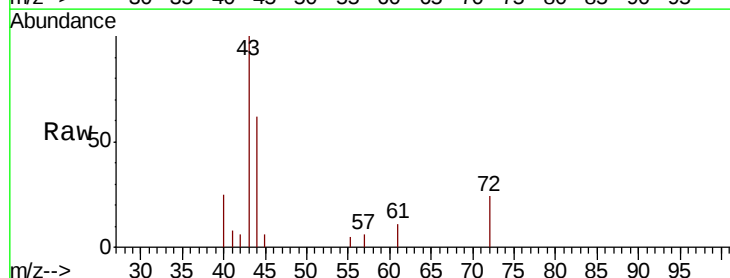
Instrument :
MSVOA_X
ClientSampled :
JTY-GW-05

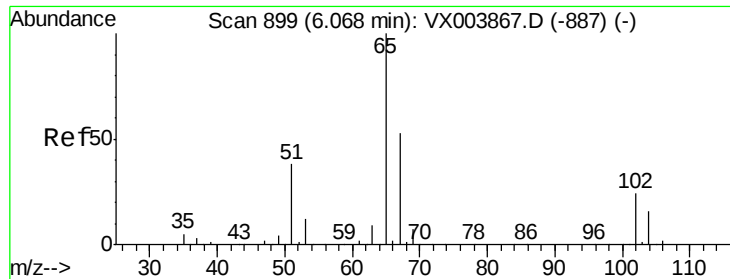
Tot Ion:	84	Resp:	788
Ion	Ratio	Lower	Upper
84	100		
49	135.1	98.9	148.3
51	43.2	29.9	44.9
86	60.7	51.0	76.6



#25
2-Butanone
Concen: 0.96 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX003928.D
Acq: 08 Aug 2018 17:18

Tgt Ion:	43	Resp:	3331
Ion	Ratio	Lower	Upper
43	100		
72	23.5	21.4	32.0

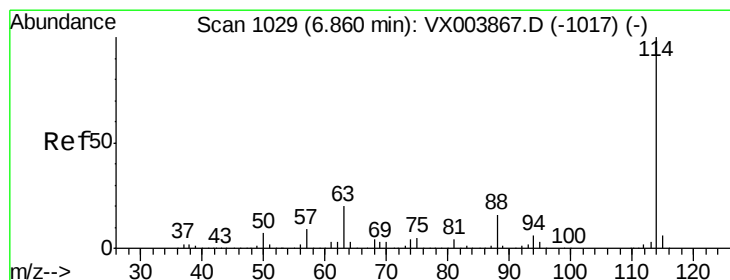
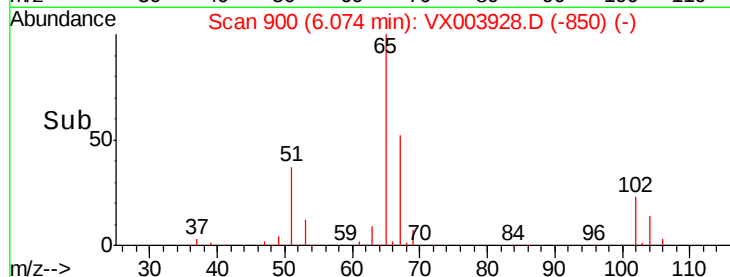
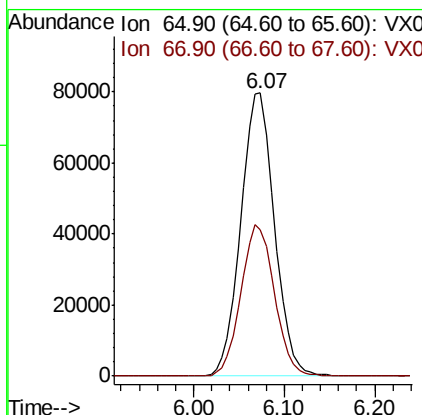
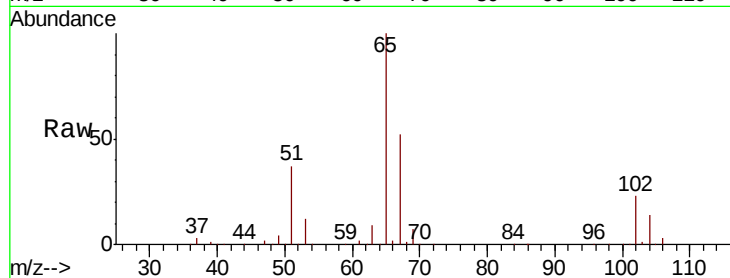




#33
 1,2-Dichloroethane-d4
 Concen: 52.98 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003928.D
 Acq: 08 Aug 2018 17:18

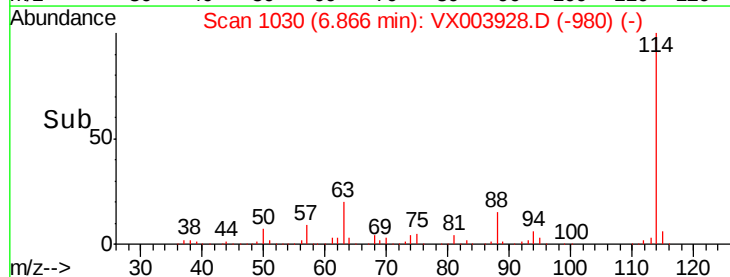
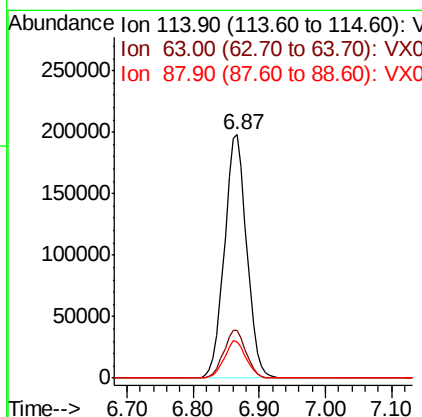
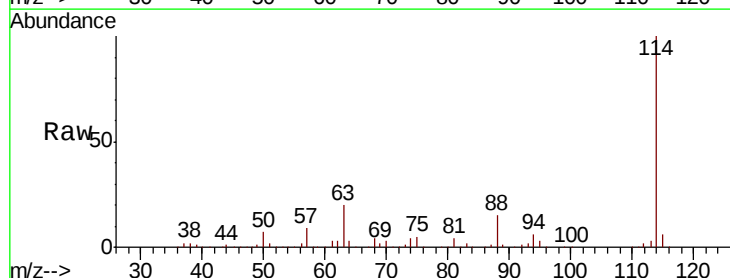
Instrument :
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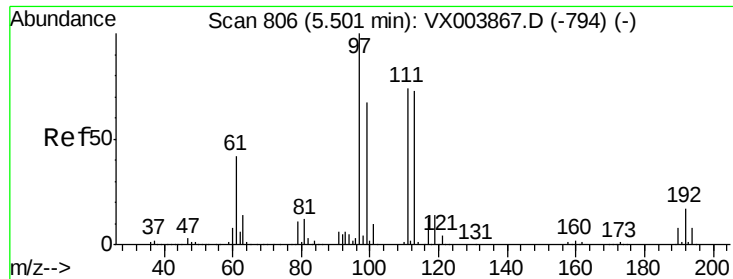
Tot Ion: 65 Resp: 205001
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX003928.D
 Acq: 08 Aug 2018 17:18

Tgt Ion: 114 Resp: 461847
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.0
 88 15.0 0.0 32.0

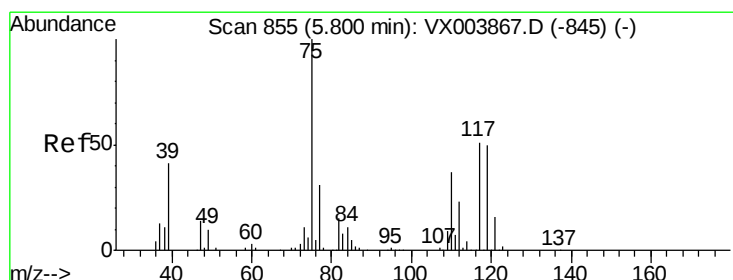
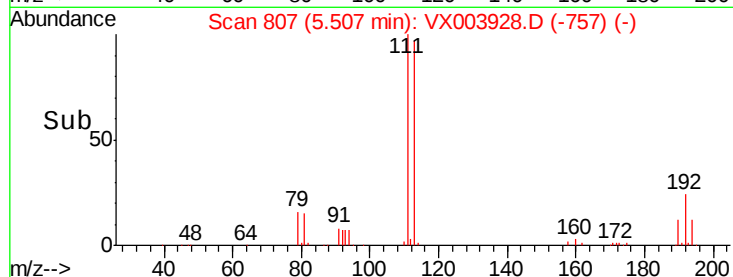
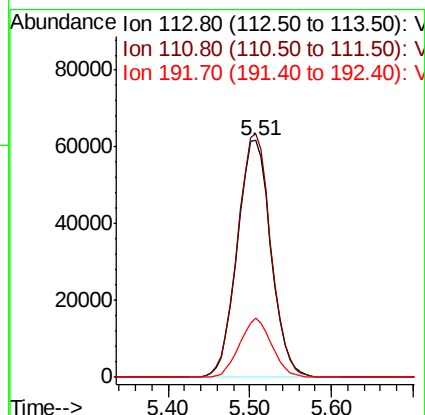
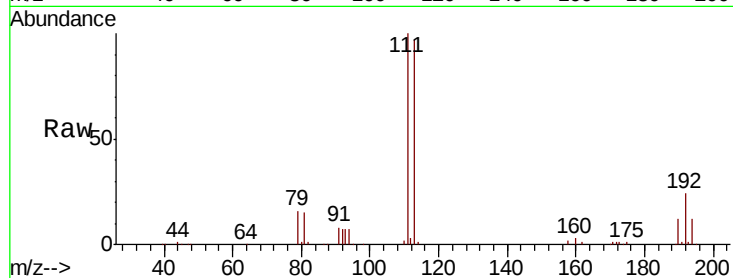




#35
 Dibromofluoromethane
 Concen: 50.59 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX003928.D
 Acq: 08 Aug 2018 17:18

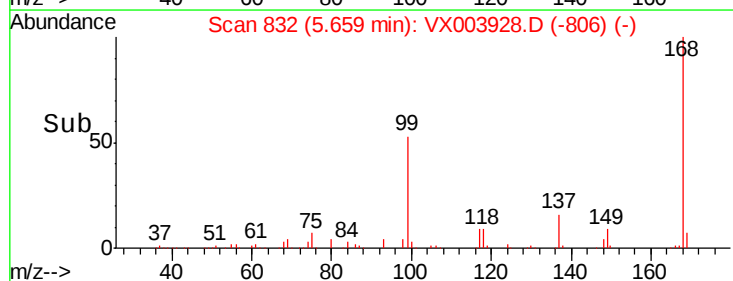
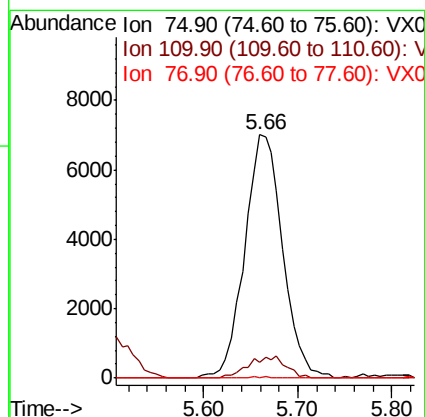
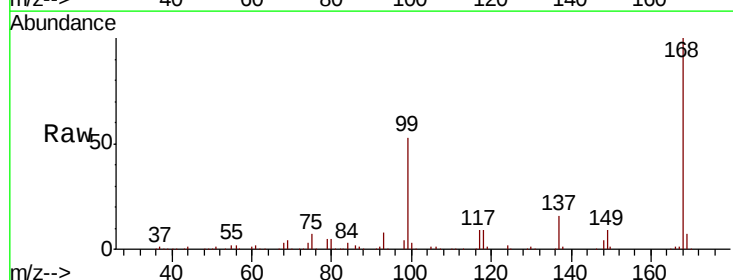
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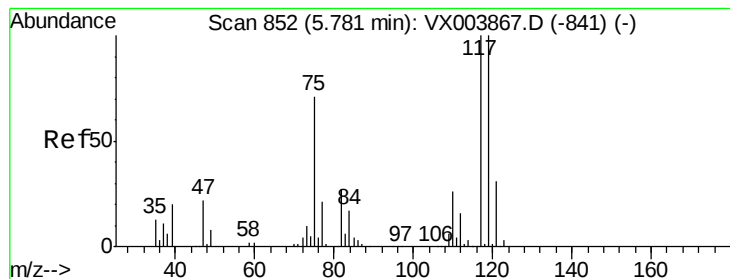
Tot Ion:113 Resp: 177023
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.0 123.0
 192 23.8 19.0 28.4



#36
 1,1-Dichloropropene
 Concen: 3.82 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.14 min
 Lab File: VX003928.D
 Acq: 08 Aug 2018 17:18

Tgt Ion: 75 Resp: 19775
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.2 54.6#
 77 0.1 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.23 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX003928.D

Acq: 08 Aug 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

JTY-GW-05

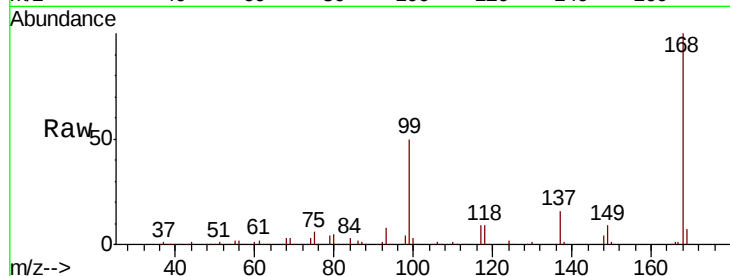
Tot Ion:117 Resp: 25738

Ion Ratio Lower Upper

117 100

119 5.0 79.5 119.3#

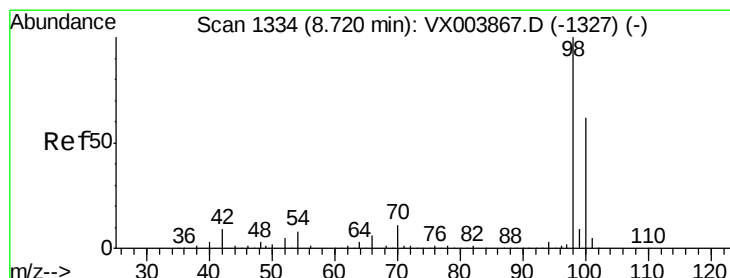
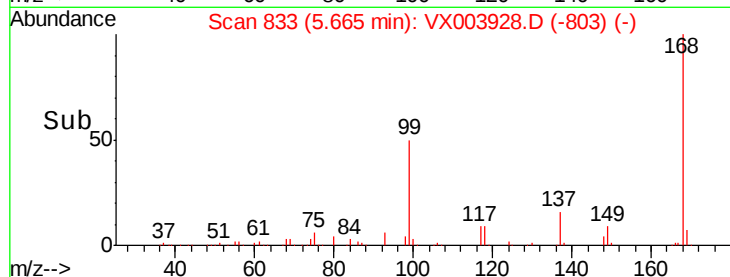
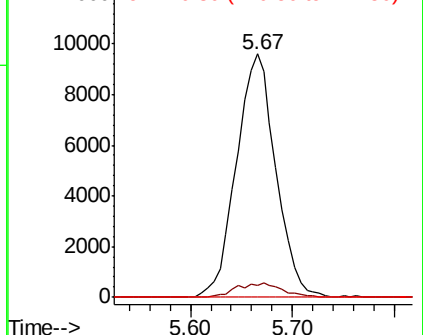
121 0.0 25.0 37.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 47.92 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003928.D

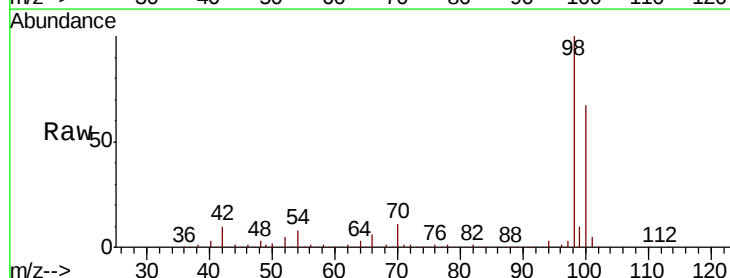
Acq: 08 Aug 2018 17:18

Tgt Ion: 98 Resp: 652067

Ion Ratio Lower Upper

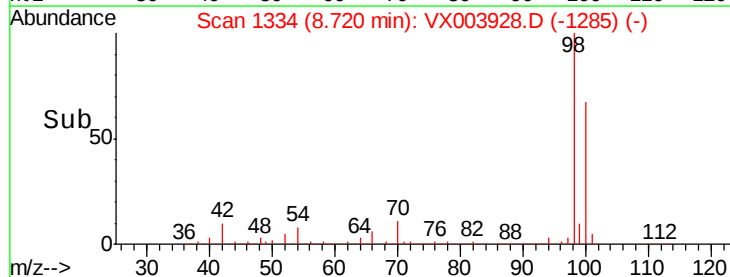
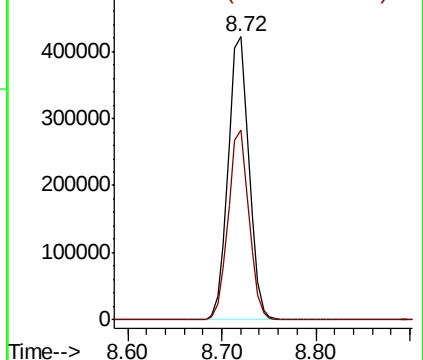
98 100

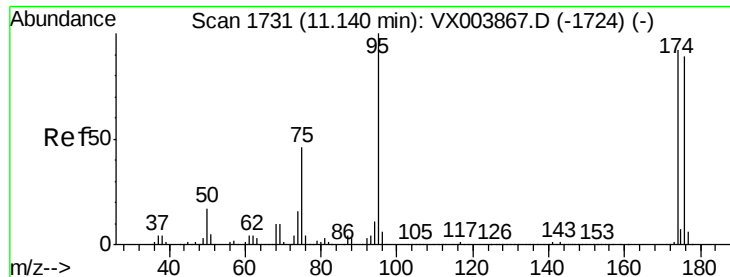
100 66.4 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

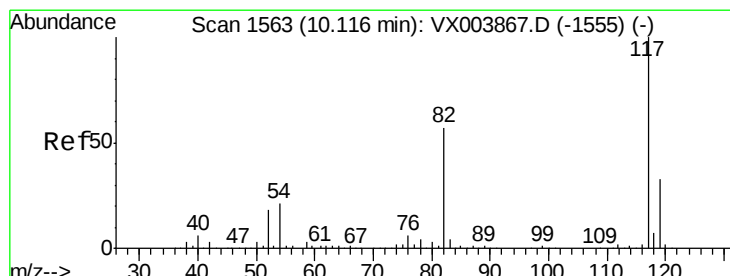
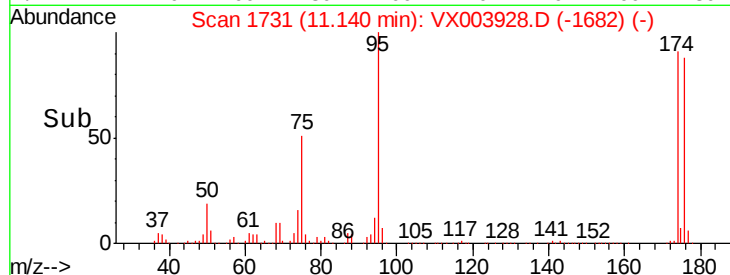
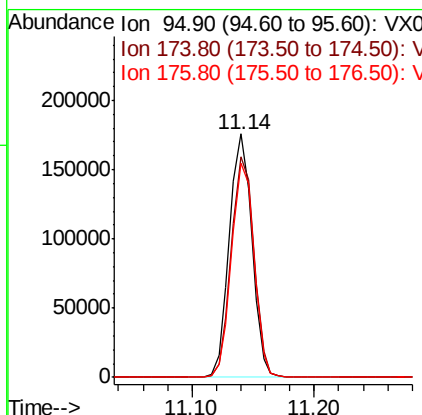
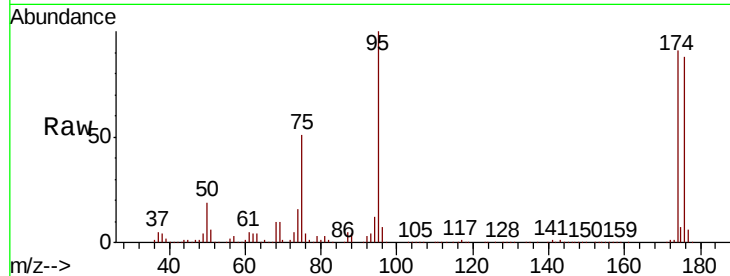




#62
4-Bromofluorobenzene
Concen: 50.73 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003928.D
Acq: 08 Aug 2018 17:18

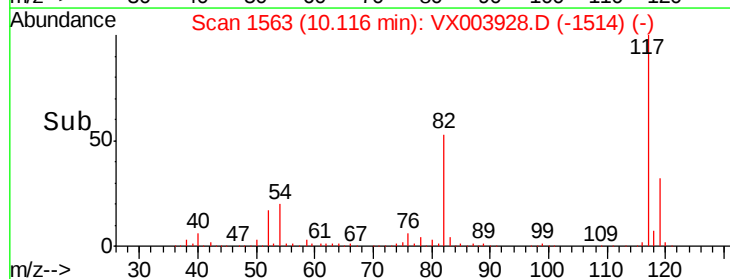
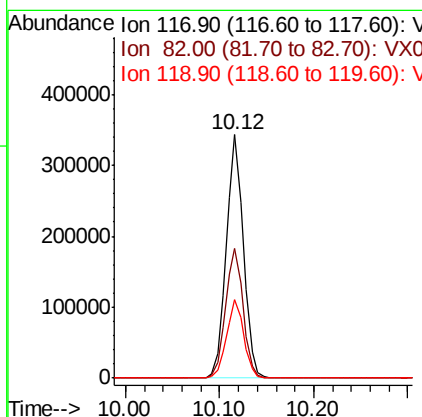
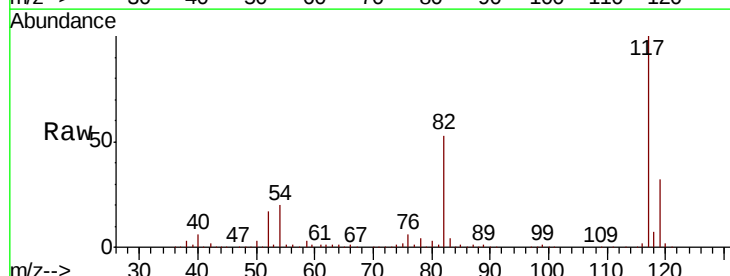
Instrument :
MSVOA_X
ClientSampleId :
JTY-GW-05

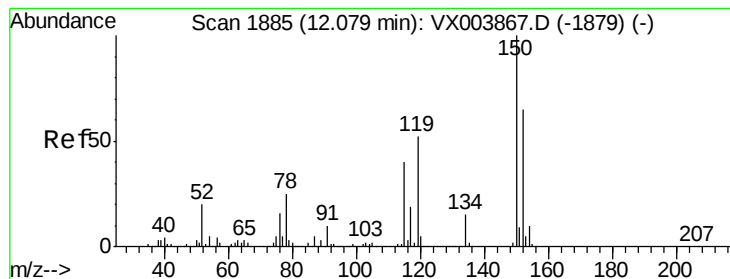
Tot Ion: 95 Resp: 223325
Ion Ratio Lower Upper
95 100
174 91.8 0.0 182.8
176 88.0 0.0 179.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003928.D
Acq: 08 Aug 2018 17:18

Tgt Ion: 117 Resp: 432044
Ion Ratio Lower Upper
117 100
82 53.3 45.4 68.0
119 32.1 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003928.D

Acq: 08 Aug 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

JTY-GW-05

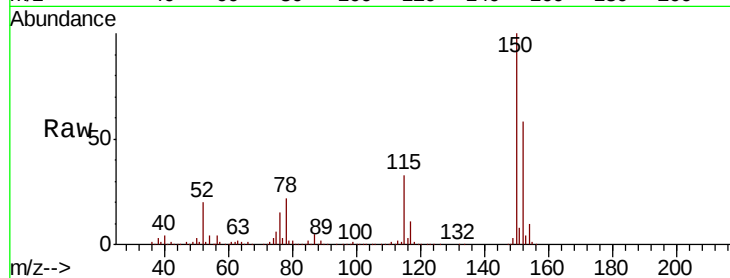
Tot Ion:152 Resp: 210175

Ion Ratio Lower Upper

152 100

115 57.5 39.1 117.3

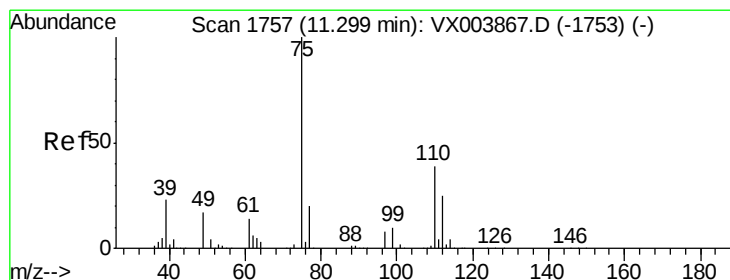
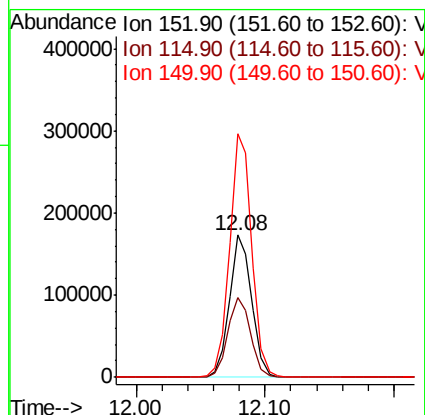
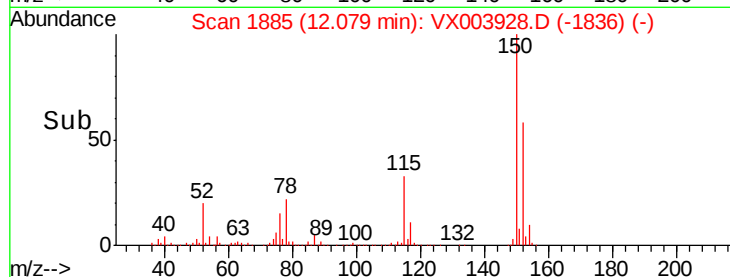
150 169.6 0.0 349.2



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



#76

1,2,3-Trichloropropane

Concen: 23.42 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003928.D

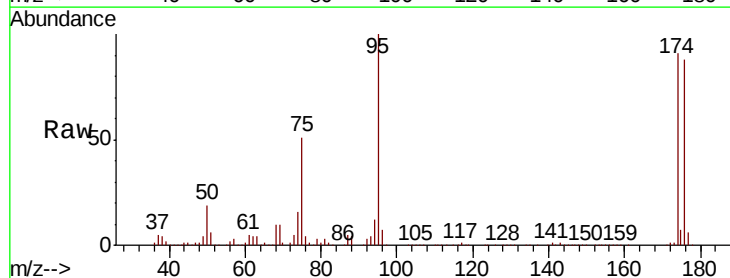
Acq: 08 Aug 2018 17:18

Tgt Ion: 75 Resp: 108731

Ion Ratio Lower Upper

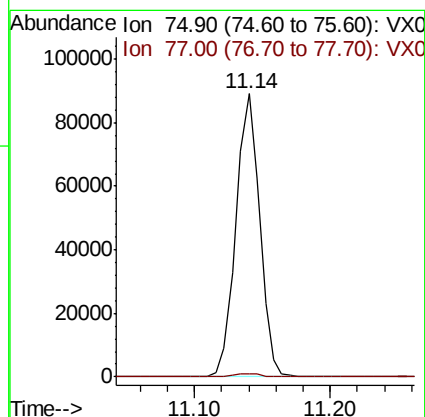
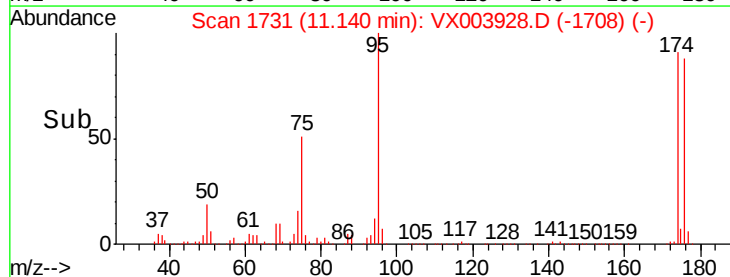
75 100

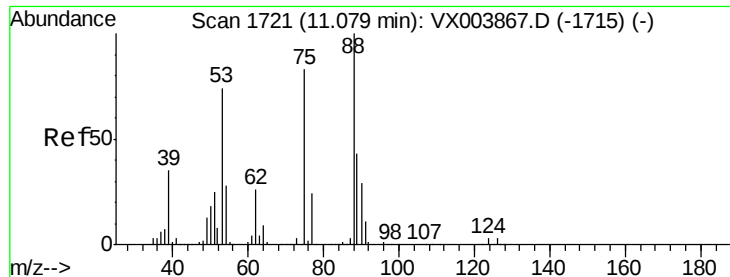
77 1.4 20.8 62.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 63.11 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003928.D

Acq: 08 Aug 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

JTY-GW-05

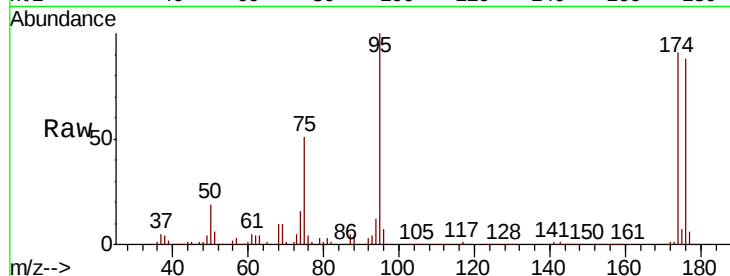
Tot Ion: 75 Resp: 108731

Ion Ratio Lower Upper

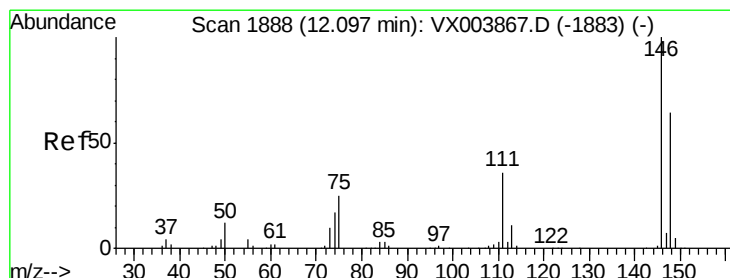
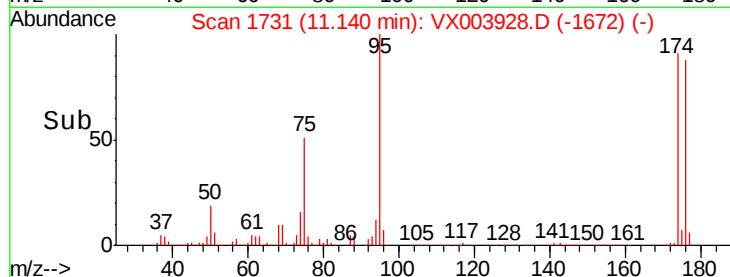
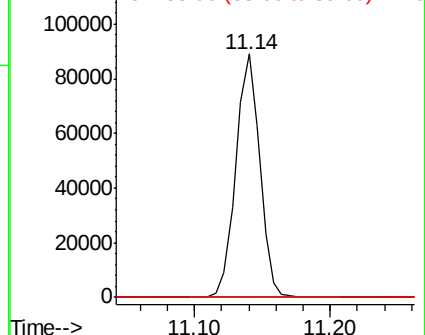
75 100

53 0.2 80.3 120.5#

89 0.0 37.8 56.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 12.03 min Scan# 1877

Delta R.T. -0.07 min

Lab File: VX003928.D

Acq: 08 Aug 2018 17:18

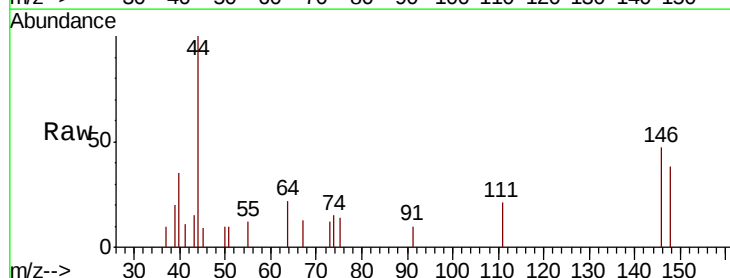
Tgt Ion:146 Resp: 350

Ion Ratio Lower Upper

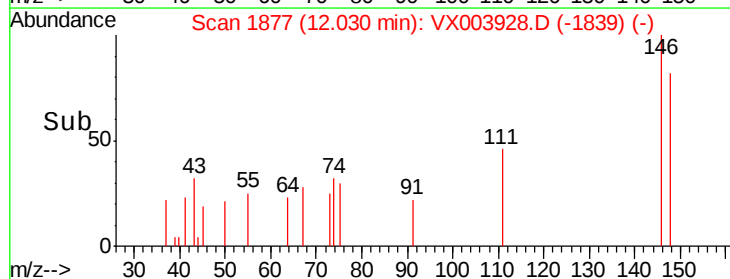
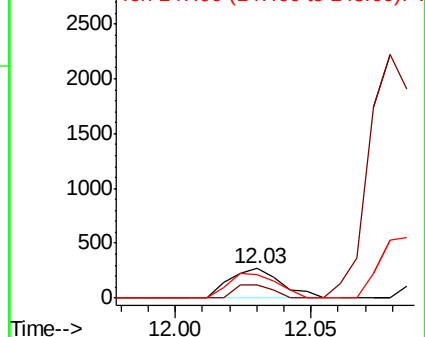
146 100

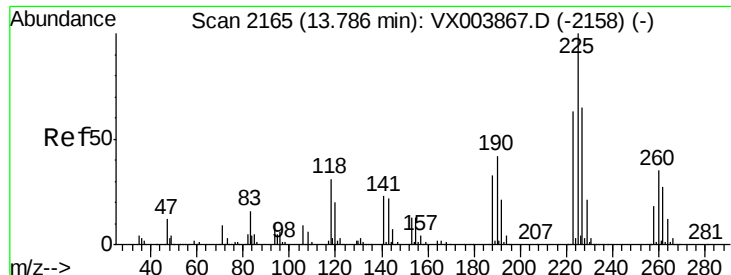
111 33.7 18.4 55.0

148 80.3 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#94

Hexachlorobutadiene

Concen: 0.53 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003928.D

Acq: 08 Aug 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

JTY-GW-05

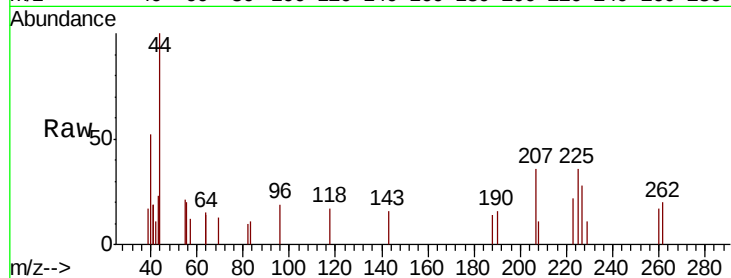
Tot Ion:225 Resp: 240

Ion Ratio Lower Upper

225 100

223 65.4 31.4 94.0

227 56.7 32.1 96.5



Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

