

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002640.D
 Acq On : 16 Jun 2018 11:36
 Operator : JC/MD
 Sample : J3477-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0135

Manual Integrations
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MMDadoda
 6/18/2018 5:12:07 PM

Quant Time: Jun 18 08:57:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	215427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	309278	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	282517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	159829	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	145204	44.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.70%	
35) Dibromofluoromethane	5.51	113	114720	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.96%	
50) Toluene-d8	8.72	98	438188	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.50%	
62) 4-Bromofluorobenzene	11.14	95	152531	42.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.90%	
Target Compounds						
16) Acetone	2.45	43	7524	5.21	ug/l	94
17) Carbon Disulfide	2.57	76	3322	0.58	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	4760	1.82	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	38601	14.53	ug/l	84
65) Chlorobenzene	10.14	112	5113	0.74	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	1303	0.24	ug/l	92
88) 1,4-Dichlorobenzene	12.10	146	3266m	0.59	ug/l	
91) 1,2-Dichlorobenzene	12.40	146	10152	1.85	ug/l	98

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

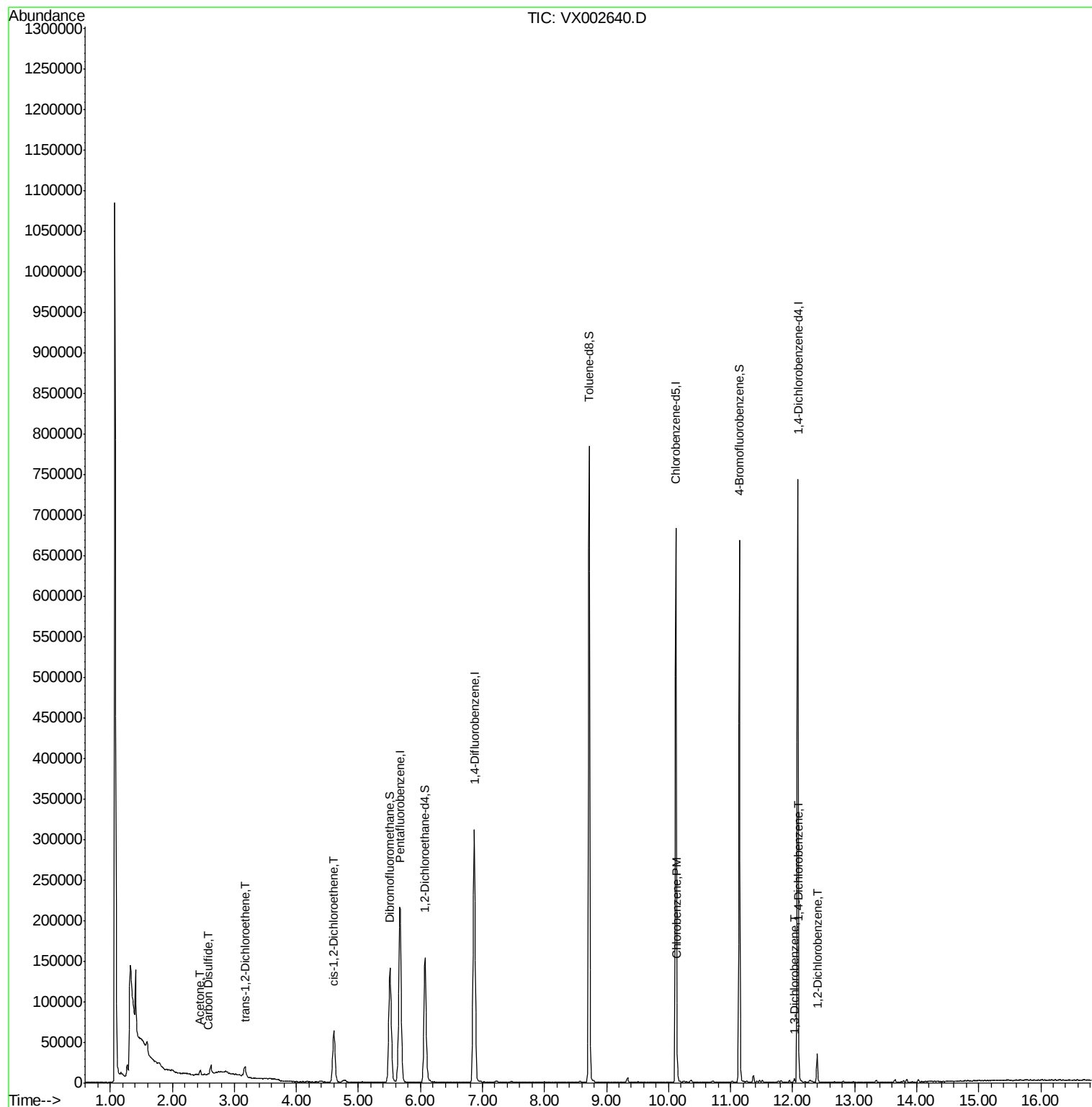
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061518\
Data File : VX002640.D
Acq On : 16 Jun 2018 11:36
Operator : JC/MD
Sample : J3477-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 51 Sample Multiplier: 1

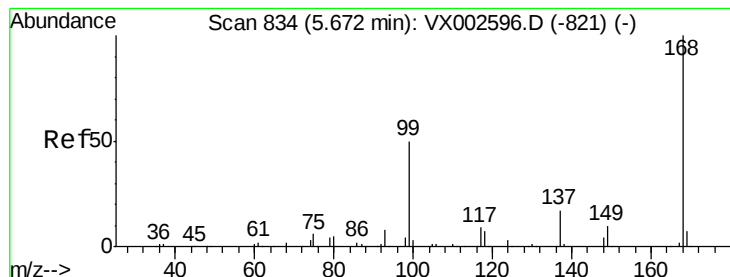
Instrument :
MSVOA_X
ClientSampleId :
S36-0135

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Quant Time: Jun 18 08:57:57 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002640.D

Acq: 16 Jun 2018 11:36

Instrument :

MSVOA_X

ClientSampled :

S36-0135

Tot Ion:168 Resp: 215427

Ion Ratio Lower Upper

168 100

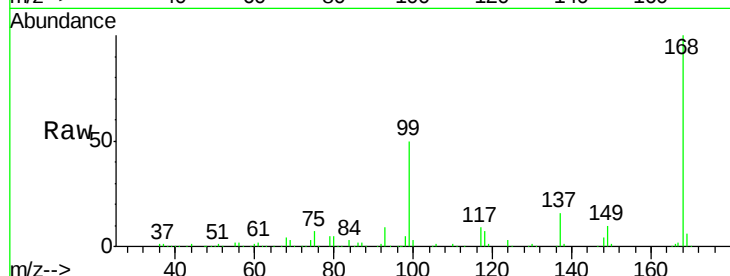
99 49.5 39.3 58.9

Manual Integrations

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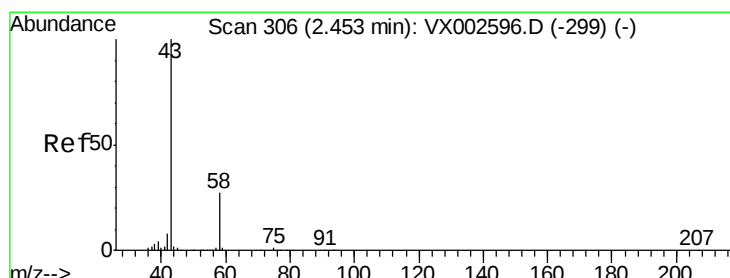
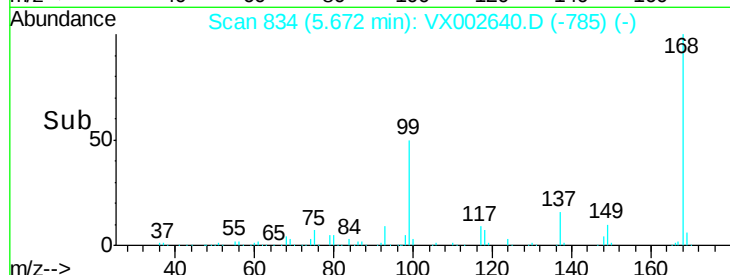
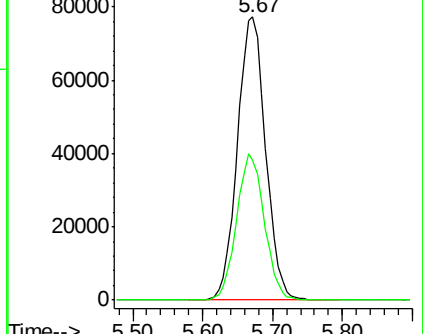
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.21 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002640.D

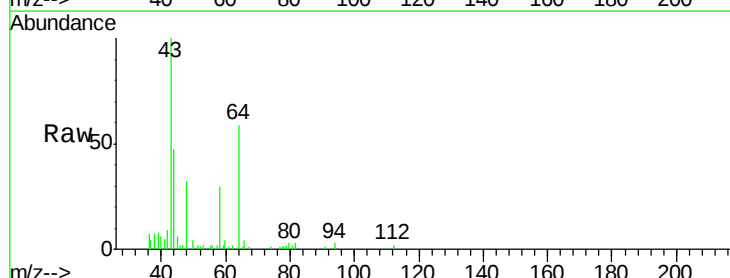
Acq: 16 Jun 2018 11:36

Tgt Ion: 43 Resp: 7524

Ion Ratio Lower Upper

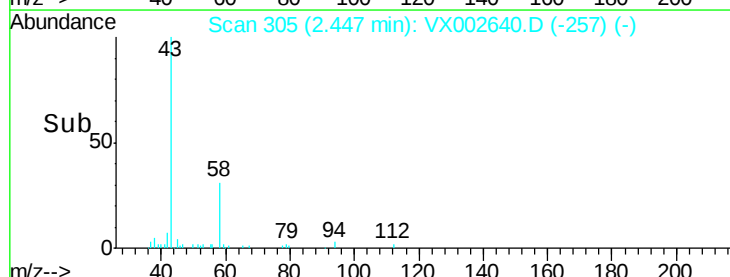
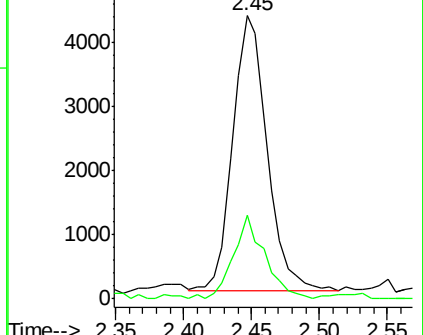
43 100

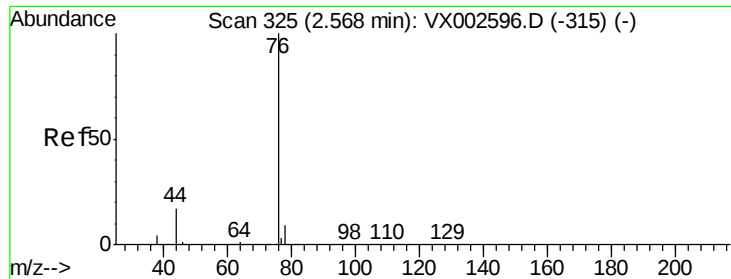
58 30.7 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





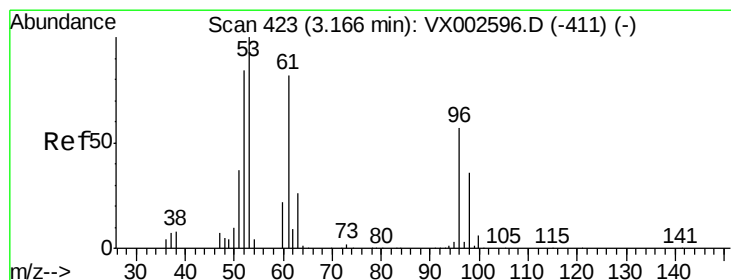
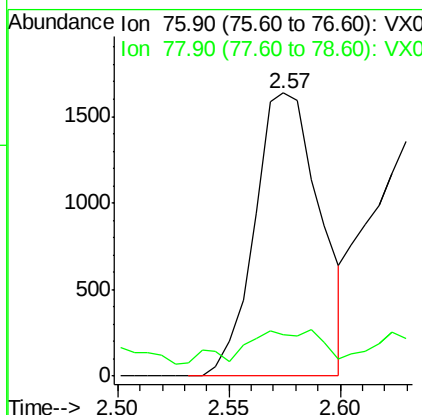
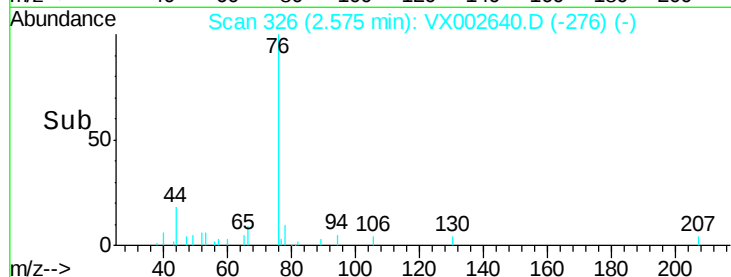
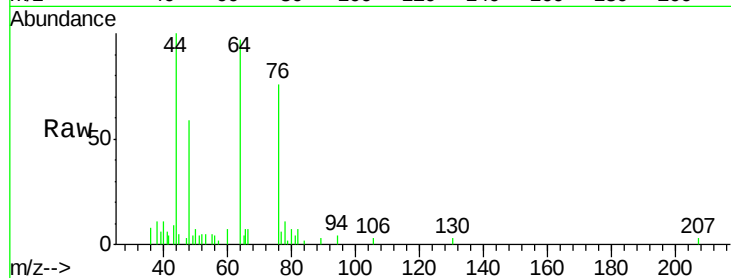
#17
Carbon Disulfide
Concen: 0.58 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002640.D
Acq: 16 Jun 2018 11:36

Instrument :
MSVOA_X
ClientSampled :
S36-0135

Tot Ion: 76 Resp: 3322
Ion Ratio Lower Upper
76 100
78 10.0 6.9 10.3

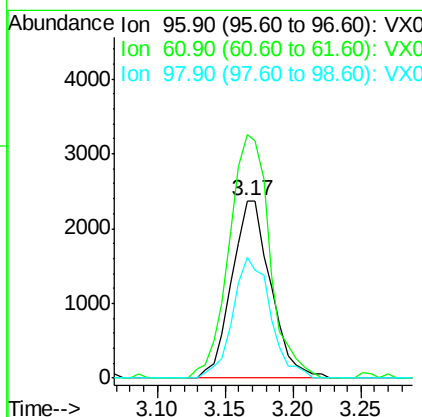
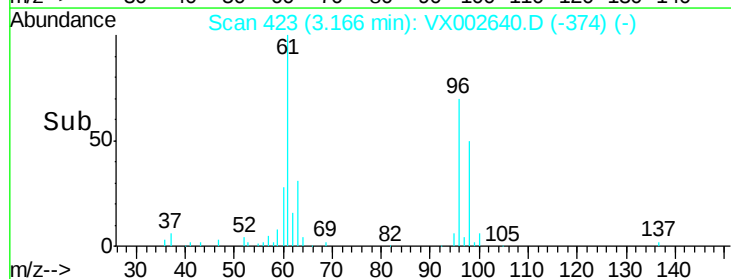
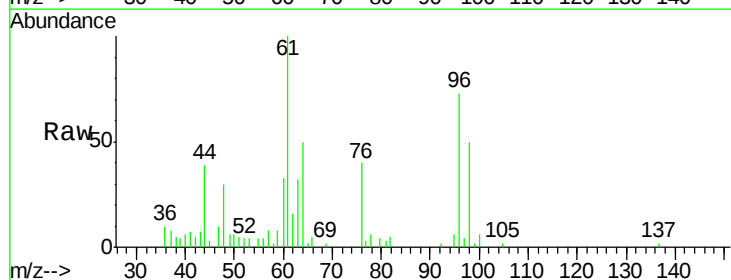
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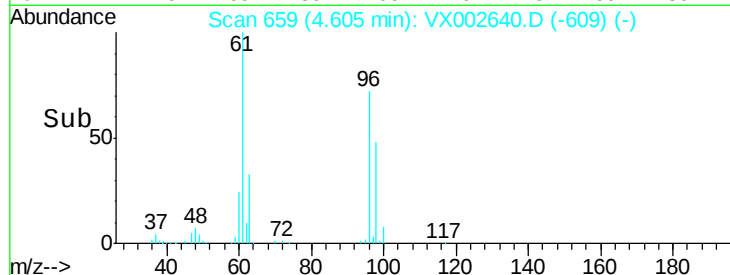
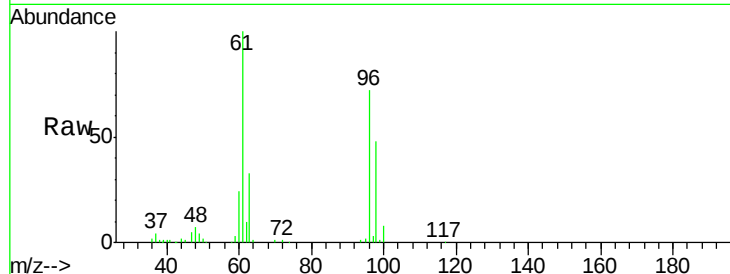
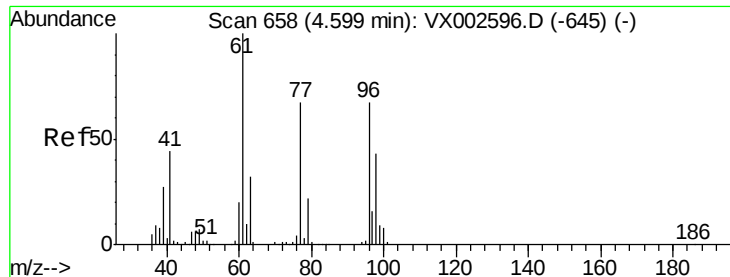
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#21
trans-1,2-Dichloroethene
Concen: 1.82 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX002640.D
Acq: 16 Jun 2018 11:36

Tgt Ion: 96 Resp: 4760
Ion Ratio Lower Upper
96 100
61 137.1 117.0 175.4
98 68.3 52.4 78.6





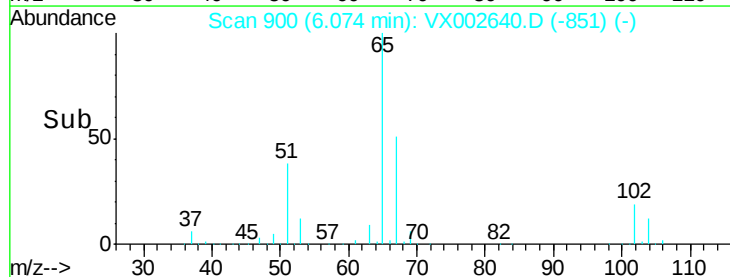
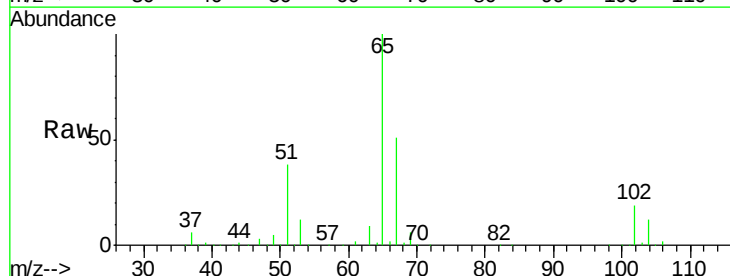
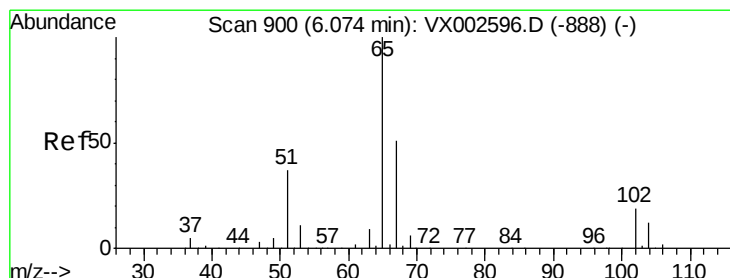
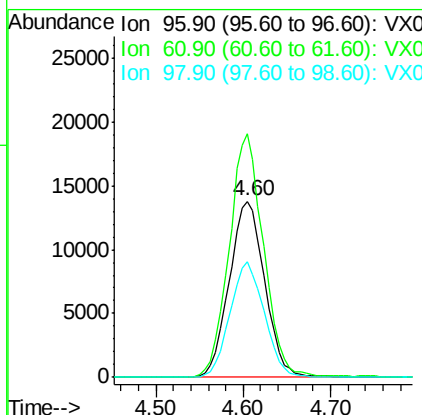
#27
 cis-1,2-Dichloroethene
 Concen: 14.53 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX002640.D
 Acq: 16 Jun 2018 11:36

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.0	0.0	330.2
98	63.9	0.0	130.2

Instrument :
 MSVOA_X
 ClientSampled :
 S36-0135

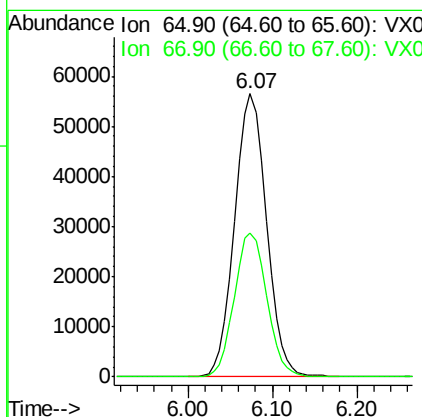
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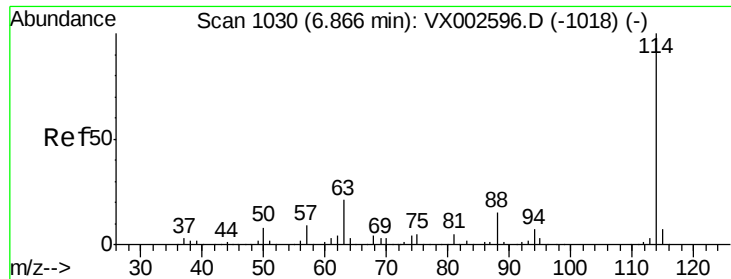
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#33
 1,2-Dichloroethane-d4
 Concen: 44.35 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002640.D
 Acq: 16 Jun 2018 11:36

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	102.6





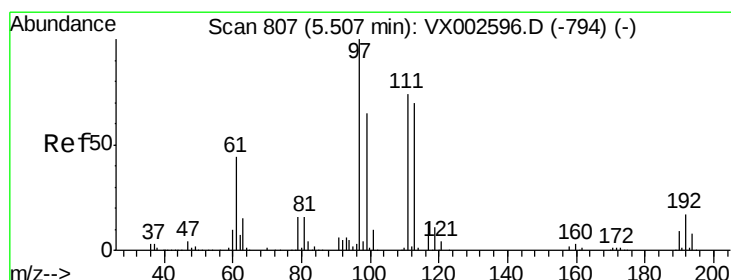
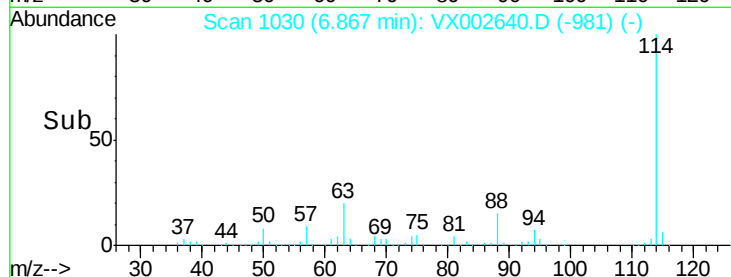
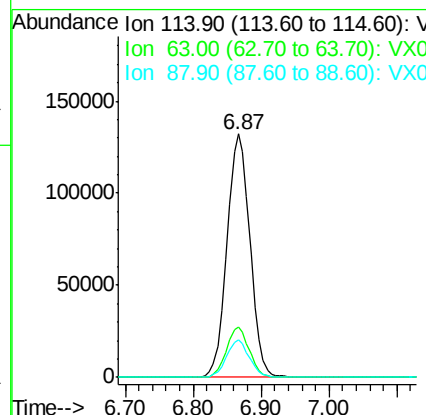
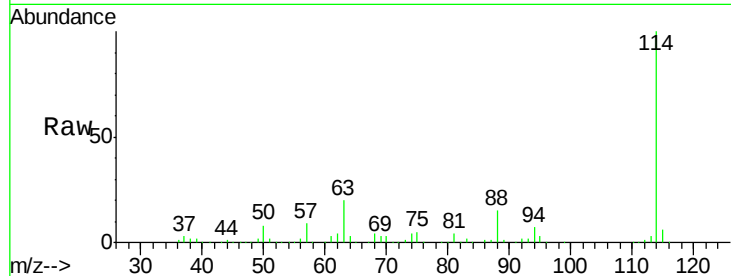
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002640.D
 Acq: 16 Jun 2018 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0135

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	20.4	0.0	41.4
88	15.2	0.0	30.0

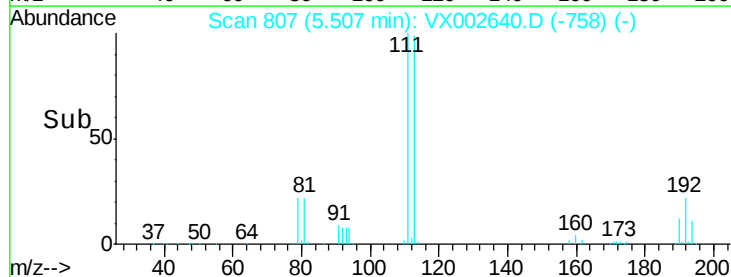
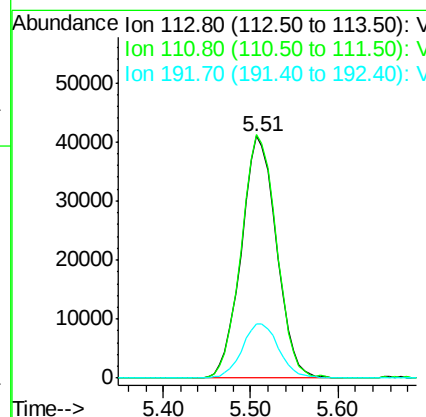
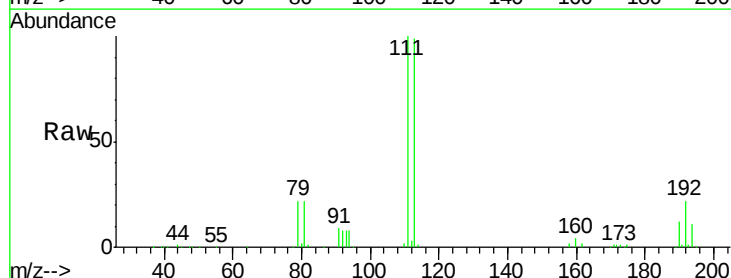
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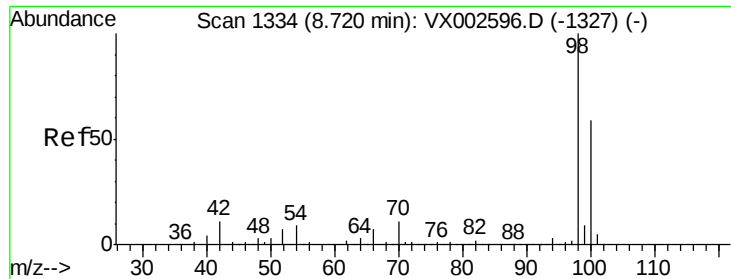
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#35
 Dibromofluoromethane
 Concen: 46.48 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002640.D
 Acq: 16 Jun 2018 11:36

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	100.9	81.4	122.0
192	23.3	19.1	28.7





#50

Toluene-d8

Concen: 46.75 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002640.D

Acq: 16 Jun 2018 11:36

Instrument :

MSVOA_X

ClientSampleId :

S36-0135

Tot Ion: 98 Resp: 438188

Ion Ratio Lower Upper

98 100

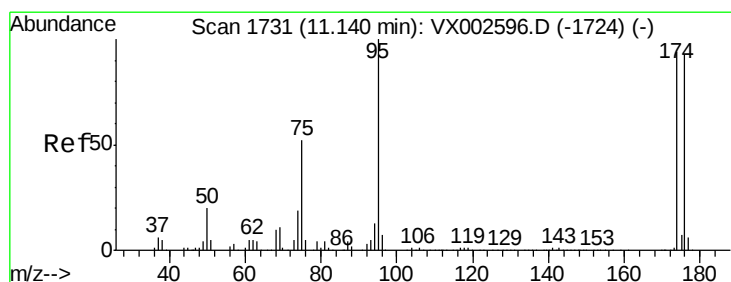
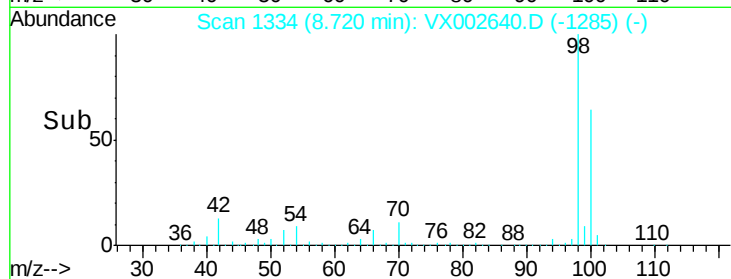
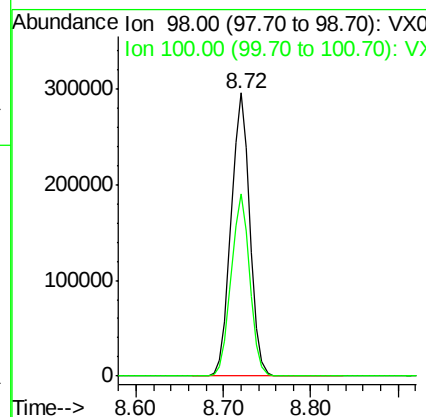
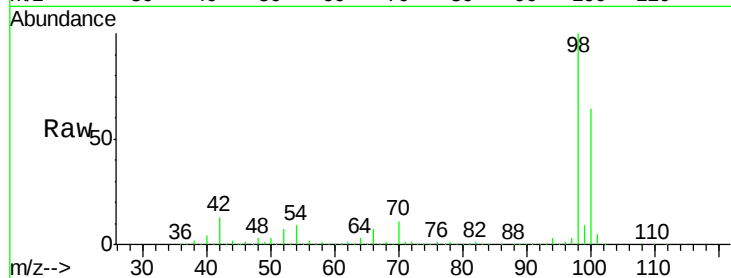
100 64.0 50.9 76.3

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 42.95 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002640.D

Acq: 16 Jun 2018 11:36

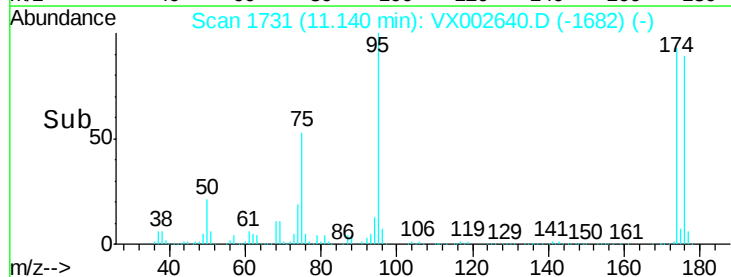
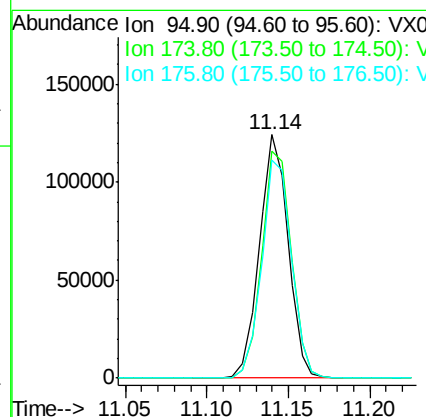
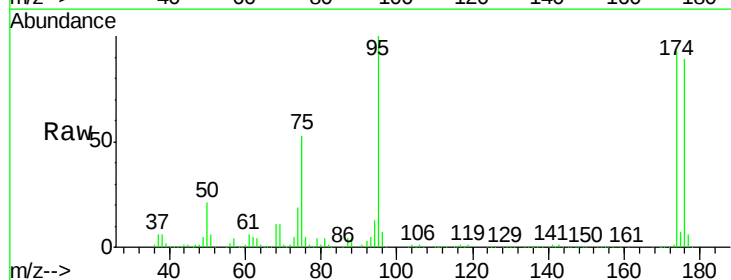
Tgt Ion: 95 Resp: 152531

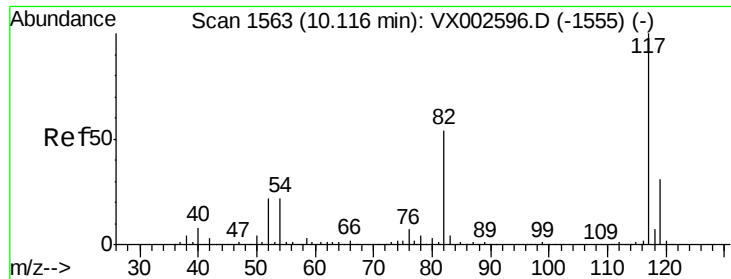
Ion Ratio Lower Upper

95 100

174 96.5 0.0 187.4

176 92.7 0.0 181.0





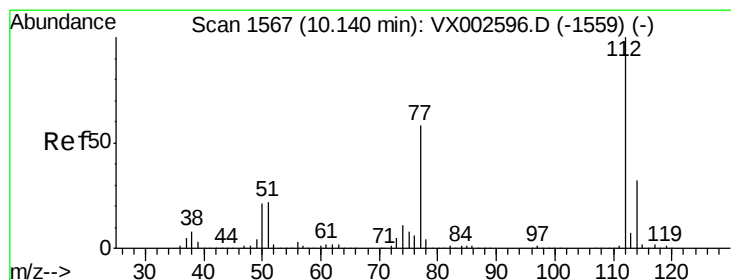
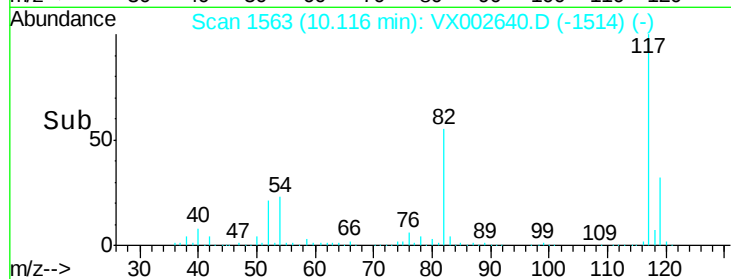
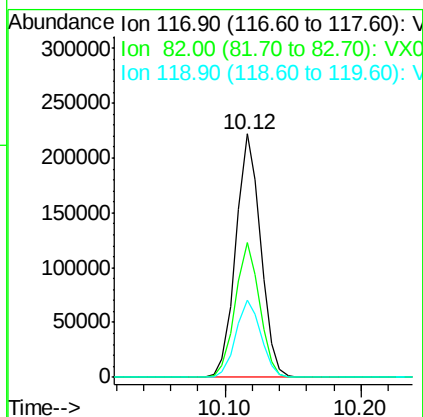
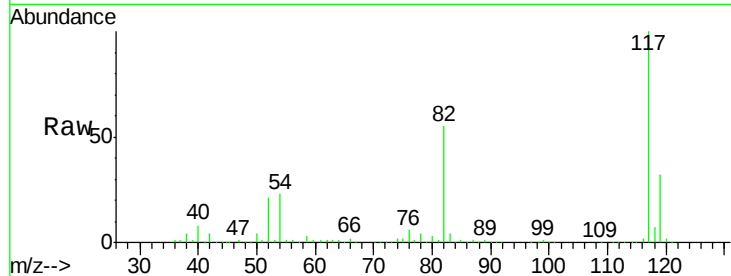
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002640.D
Acq: 16 Jun 2018 11:36

Instrument :
MSVOA_X
ClientSampled :
S36-0135

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	45.0	67.4
119	31.6	25.8	38.6

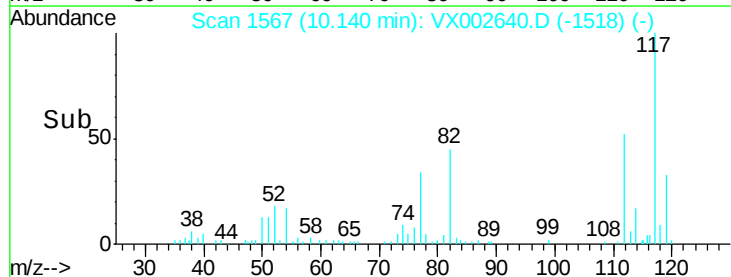
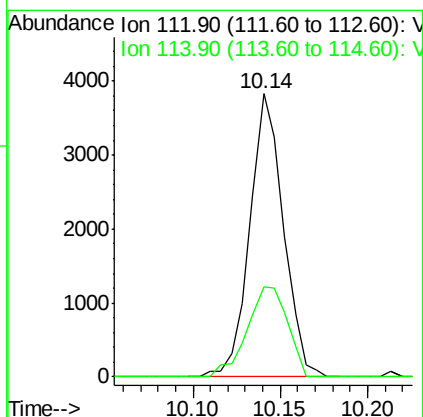
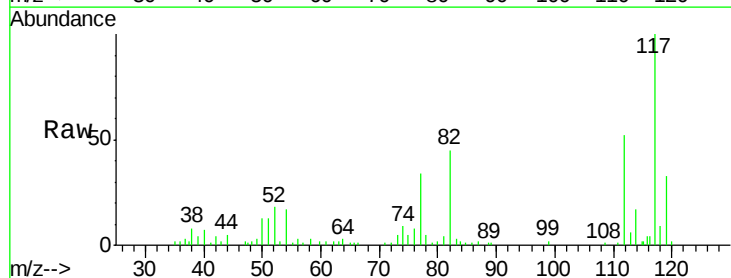
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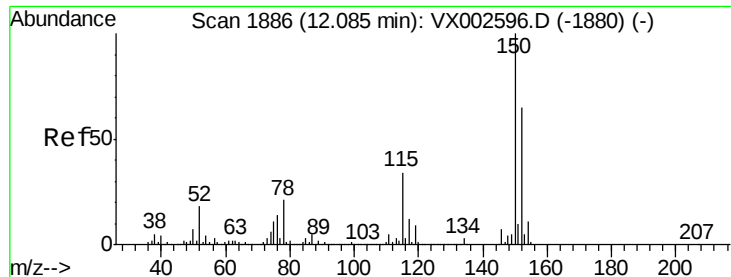
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#65
Chlorobenzene
Concen: 0.74 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002640.D
Acq: 16 Jun 2018 11:36

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.3	37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002640.D

Acq: 16 Jun 2018 11:36

Instrument :

MSVOA_X

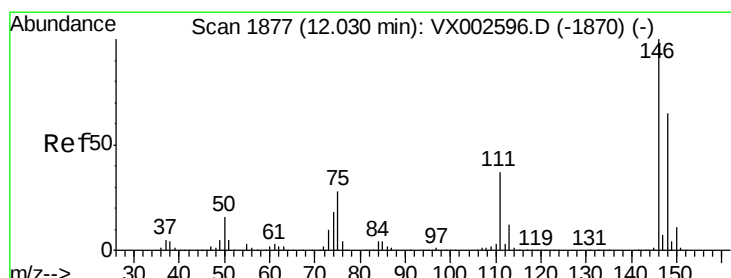
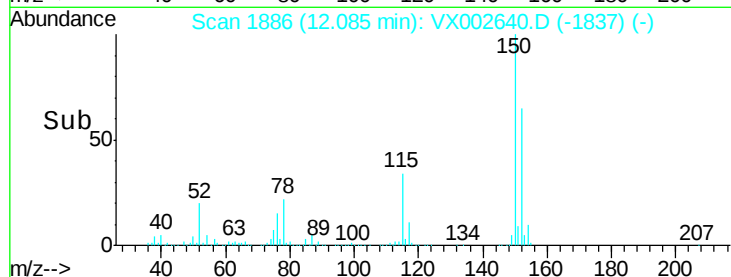
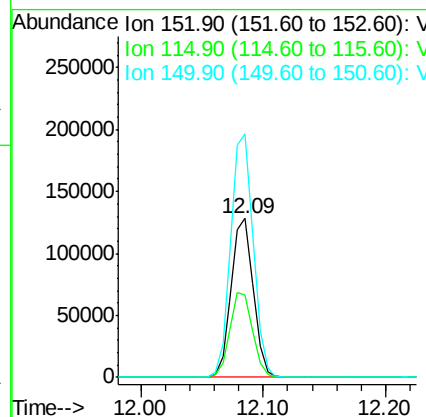
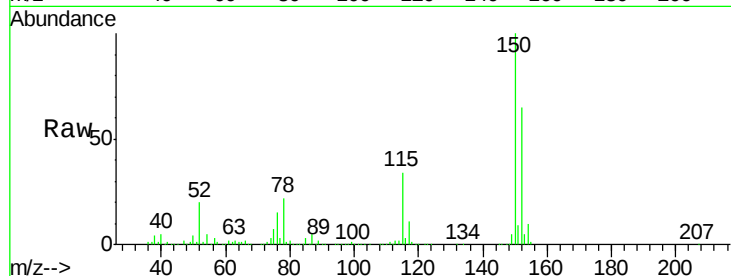
ClientSampled :

S36-0135

Tot Ion:	152	Resp:	159829
Ion Ratio	Lower	Upper	
152	100		
115	54.7	40.1	120.2
150	155.2	0.0	347.2

Manual Integrations
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#87

1,3-Dichlorobenzene

Concen: 0.24 ug/l

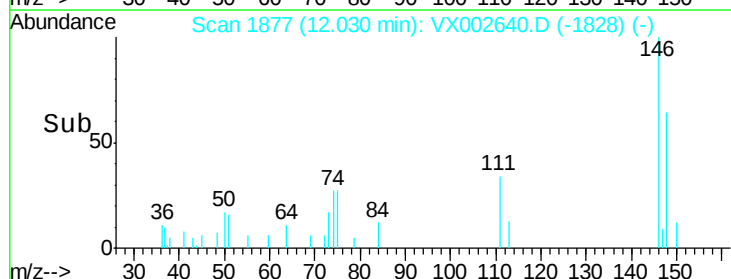
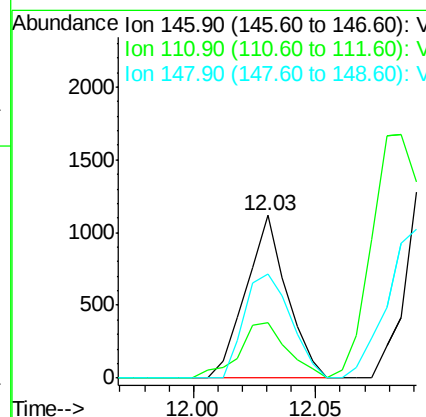
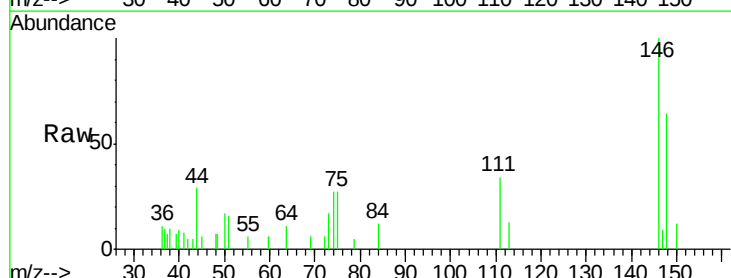
RT: 12.03 min Scan# 1877

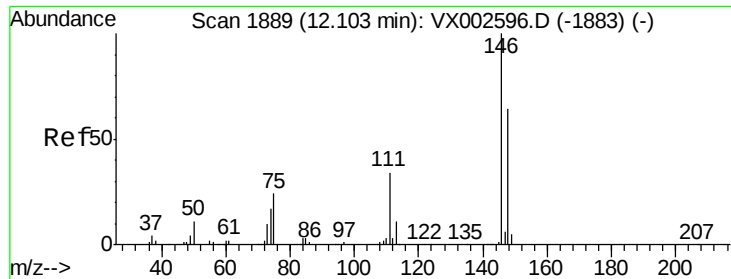
Delta R.T. 0.00 min

Lab File: VX002640.D

Acq: 16 Jun 2018 11:36

Tgt Ion:	146	Resp:	1303
Ion Ratio	Lower	Upper	
146	100		
111	40.3	18.9	56.7
148	72.8	32.1	96.3





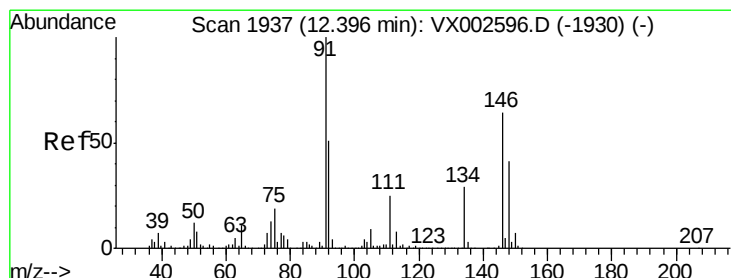
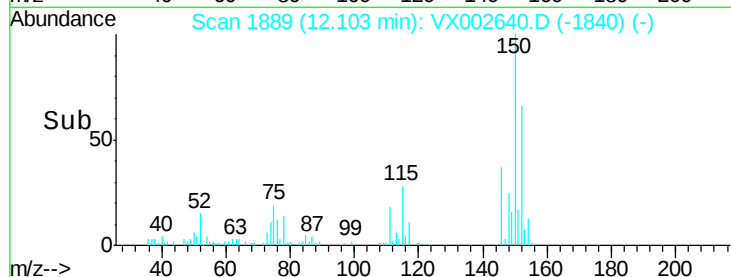
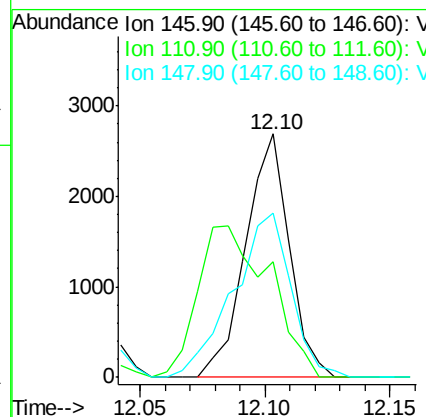
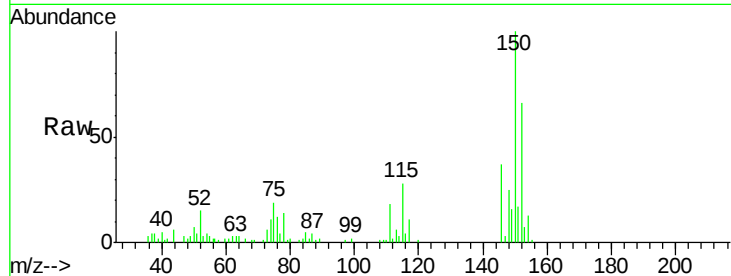
#88
 1,4-Dichlorobenzene
 Concen: 0.59 ug/l m
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002640.D
 Acq: 16 Jun 2018 11:36

Instrument :
 MSVOA_X
 ClientSampled :
 S36-0135

Tot Ion	Ratio	Lower	Upper
146	100		
111	16.1	18.7	56.1#
148	29.1	32.4	97.0#

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 5:12:07 PM



#91
 1,2-Dichlorobenzene
 Concen: 1.85 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002640.D
 Acq: 16 Jun 2018 11:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.4	58.1
148	65.2	31.7	95.1

