

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002641.D
 Acq On : 16 Jun 2018 12:03
 Operator : JC/MD
 Sample : J3477-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0140

Manual Integrations
 APPROVED

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 6/18/2018 5:12:08 PM

Quant Time: Jun 18 09:05:05 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	216814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	314848	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	285864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	151732	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	152022	46.14	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.28%		
35) Dibromofluoromethane	5.51	113	116386	46.32	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.64%		
50) Toluene-d8	8.72	98	447004	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.70%		
62) 4-Bromofluorobenzene	11.14	95	150185	41.54	ug/l	0.00
Spiked Amount 50.000			Recovery =	83.08%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	73616	25.91	ug/l	97
16) Acetone	2.45	43	9098	6.26	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	15538	5.91	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	34428	12.87	ug/l	84
40) Benzene	6.15	78	19652	1.96	ug/l	99
44) Trichloroethene	7.21	130	1354	0.47	ug/l	86
65) Chlorobenzene	10.14	112	186864	26.62	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	1926	0.37	ug/l	90
88) 1,4-Dichlorobenzene	12.10	146	7559m	1.43	ug/l	
91) 1,2-Dichlorobenzene	12.40	146	6478	1.24	ug/l	98

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

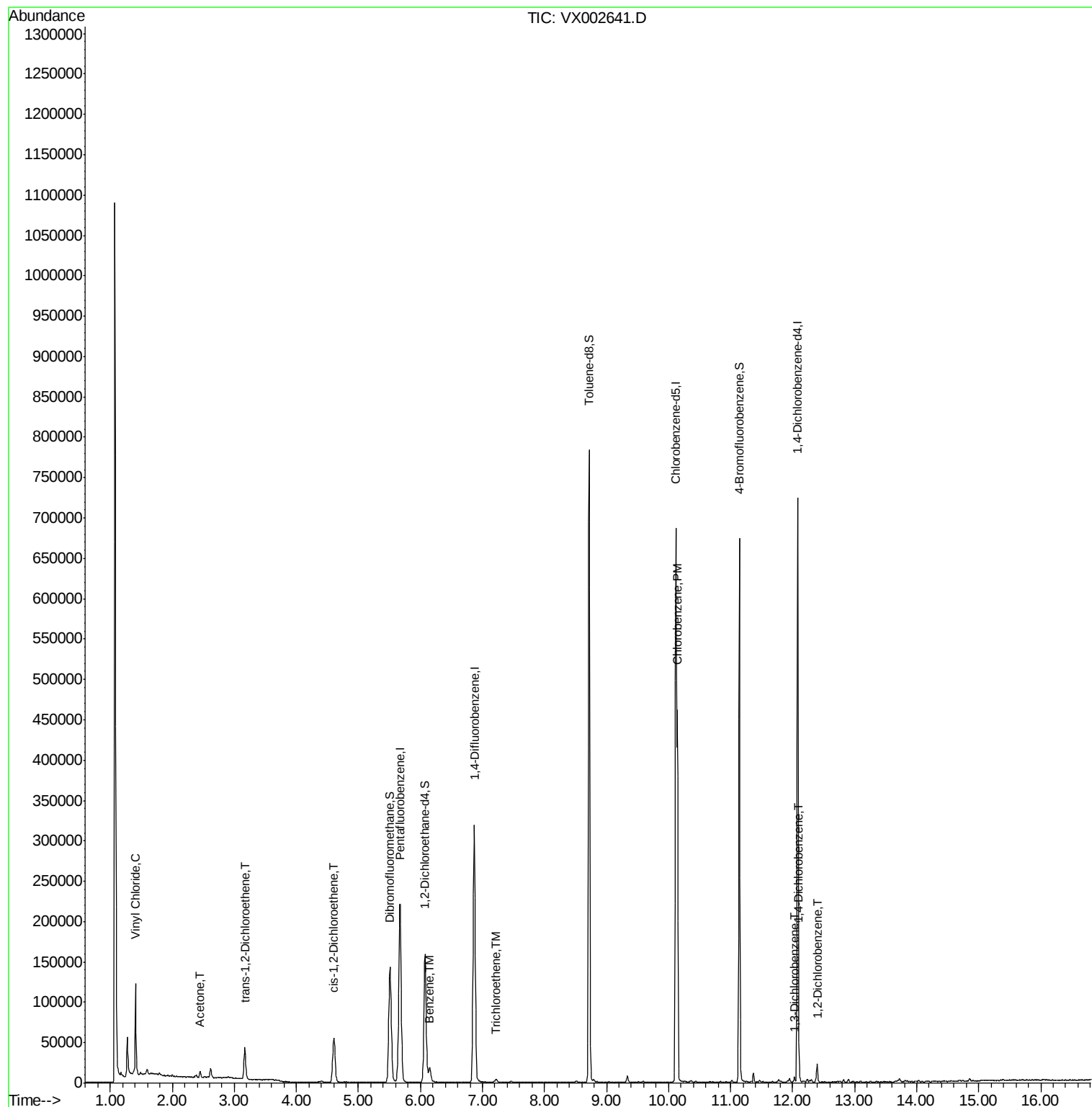
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061518\
Data File : VX002641.D
Acq On : 16 Jun 2018 12:03
Operator : JC/MD
Sample : J3477-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 52 Sample Multiplier: 1

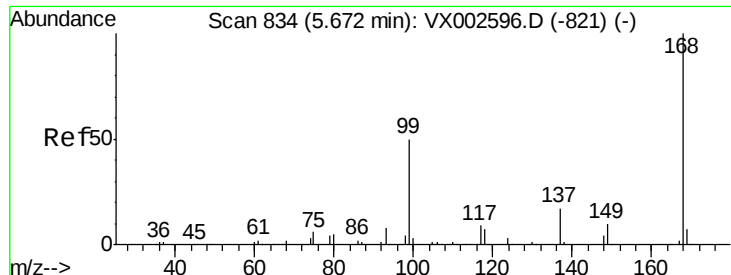
Instrument :
MSVOA_X
ClientSampleId :
S36-0140

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6/18/2018 5:12:08 PM

Quant Time: Jun 18 09:05:05 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# 833

Delta R.T. -0.01 min

Lab File: VX002641.D

Acq: 16 Jun 2018 12:03

Instrument :

MSVOA_X

ClientSampleId :

S36-0140

Tot Ion:168 Resp: 216814

Ion Ratio Lower Upper

168 100

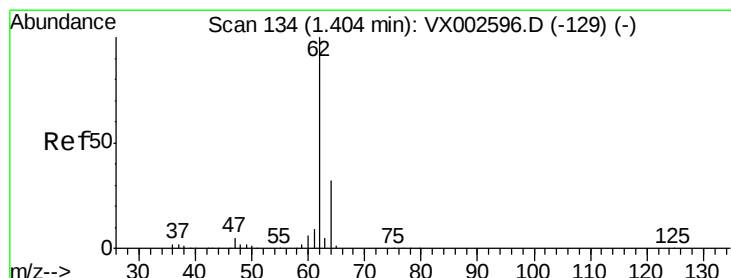
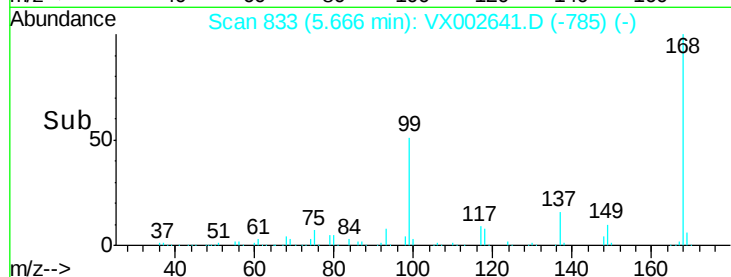
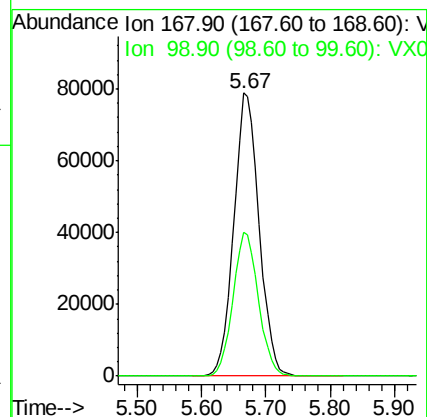
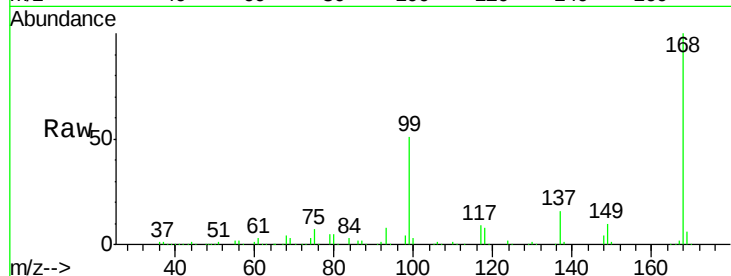
99 51.0 39.3 58.9

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#4

Vinyl Chloride

Concen: 25.91 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002641.D

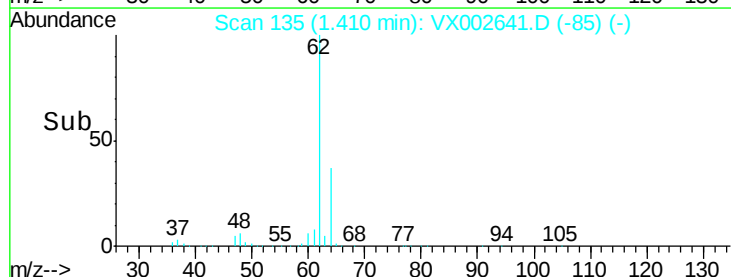
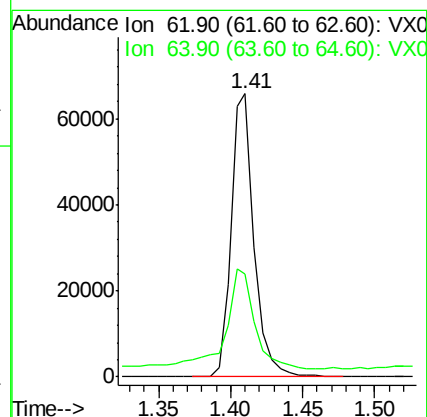
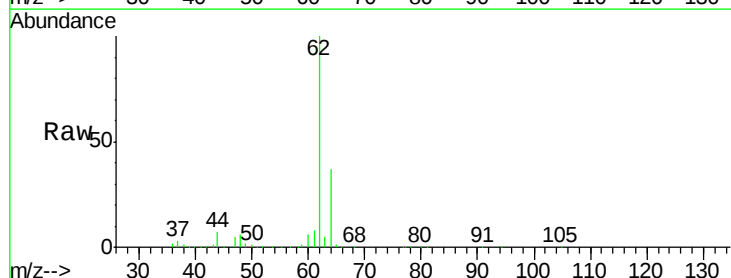
Acq: 16 Jun 2018 12:03

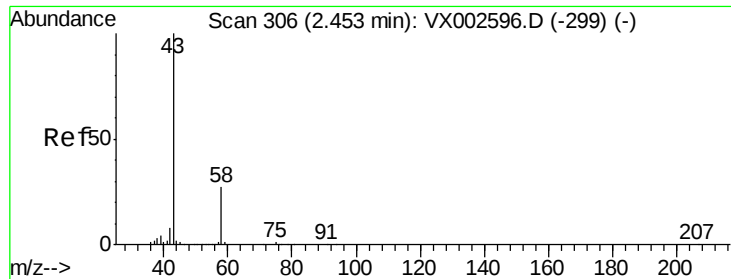
Tgt Ion: 62 Resp: 73616

Ion Ratio Lower Upper

62 100

64 33.5 25.4 38.2





#16

Acetone

Concen: 6.26 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002641.D

Acq: 16 Jun 2018 12:03

Instrument :

MSVOA_X

ClientSampleId :

S36-0140

Tot Ion: 43 Resp: 9098

Ion Ratio Lower Upper

43 100

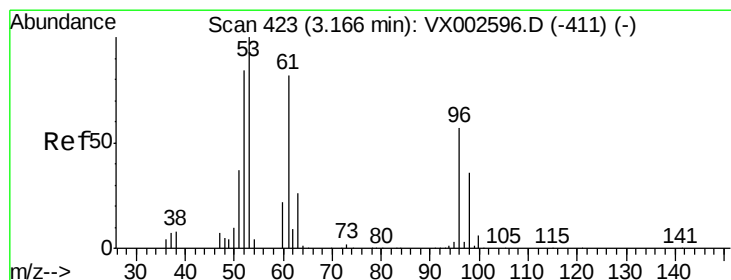
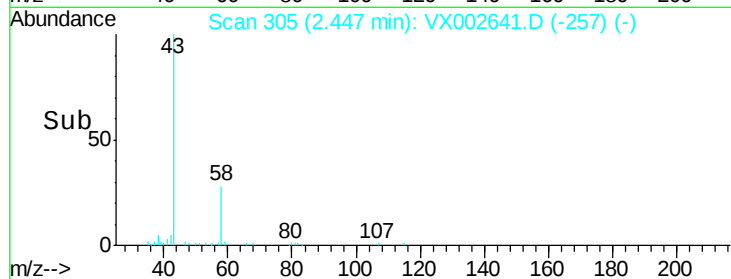
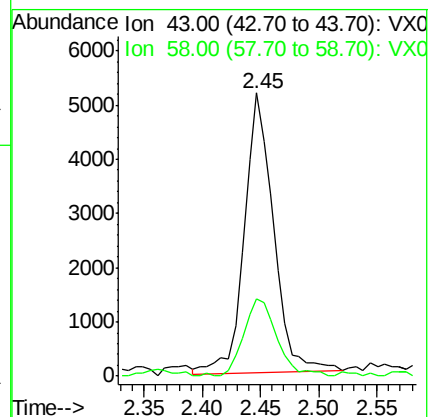
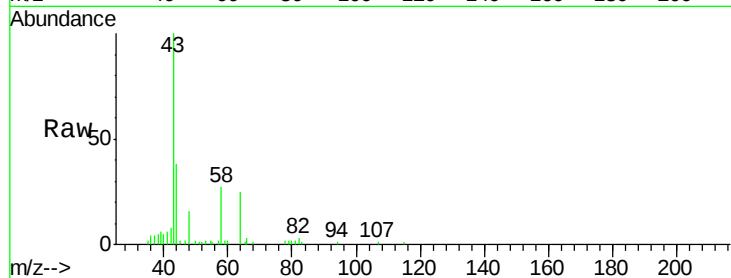
58 27.8 22.1 33.1

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#21

trans-1,2-Dichloroethene

Concen: 5.91 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002641.D

Acq: 16 Jun 2018 12:03

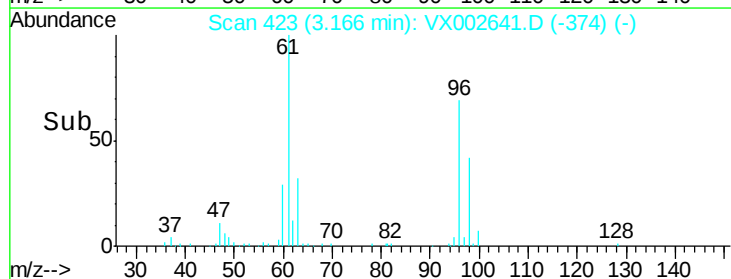
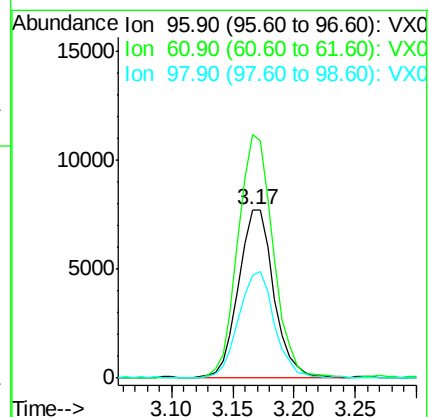
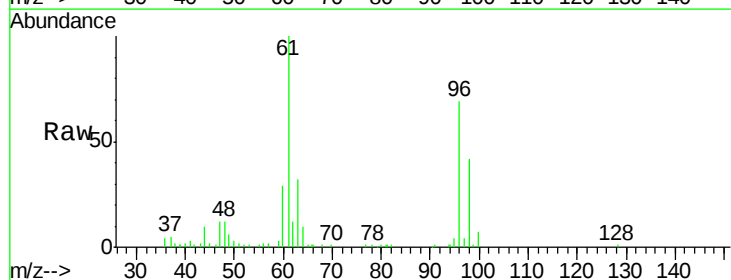
Tgt Ion: 96 Resp: 15538

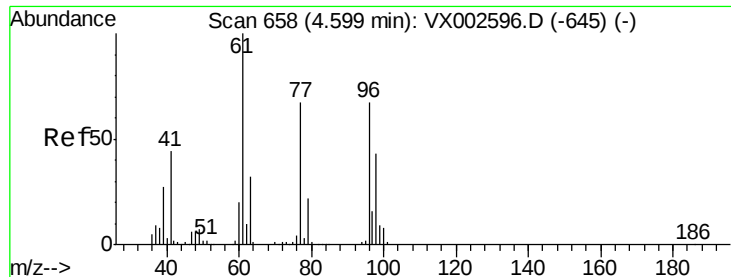
Ion Ratio Lower Upper

96 100

61 144.5 117.0 175.4

98 61.1 52.4 78.6





#27

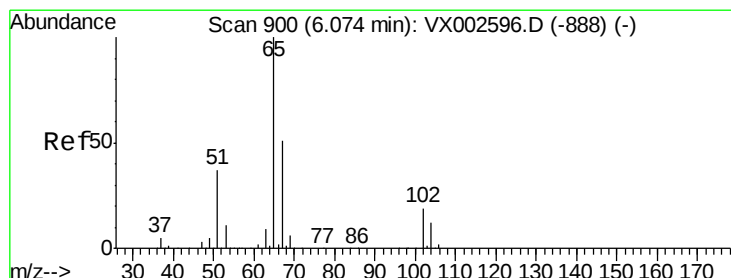
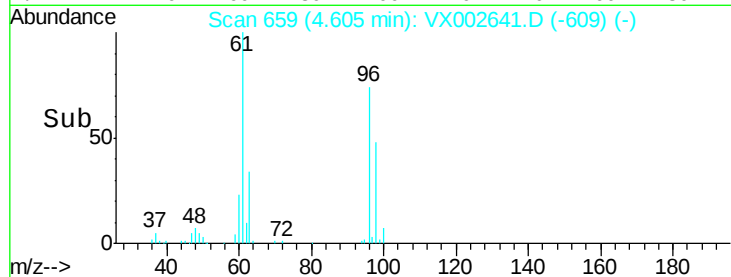
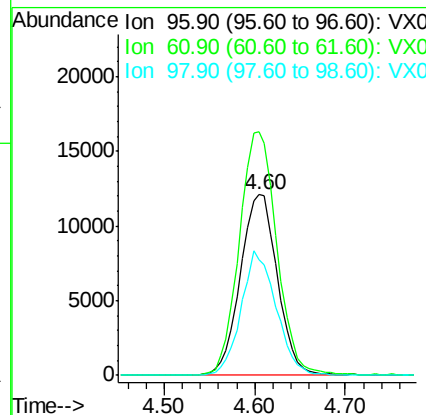
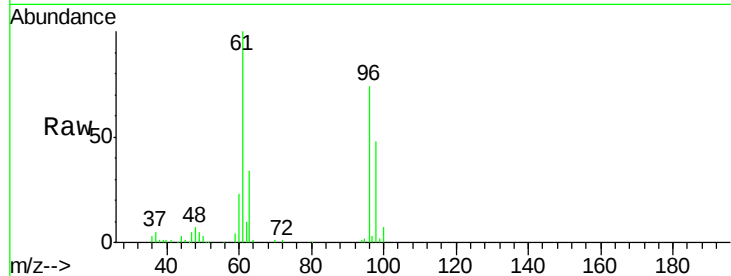
cis-1,2-Dichloroethene
 Concen: 12.87 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX002641.D
 Acq: 16 Jun 2018 12:03

Instrument :
 MSVOA_X
 ClientSampled :
 S36-0140

Tot Ion	Ratio	Resp	Lower	Upper
96	100	34428		
61	136.1	0.0	330.2	
98	64.7	0.0	130.2	

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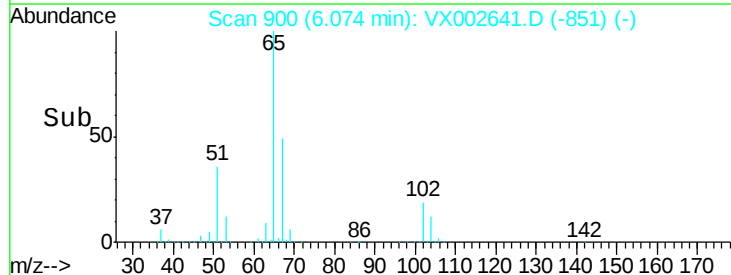
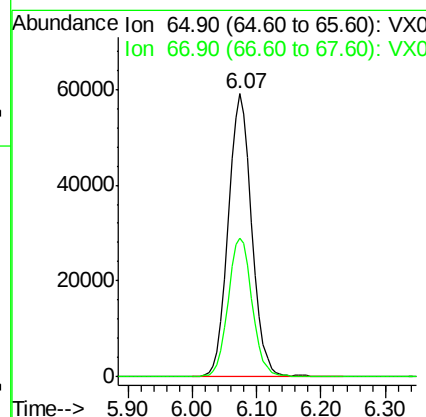
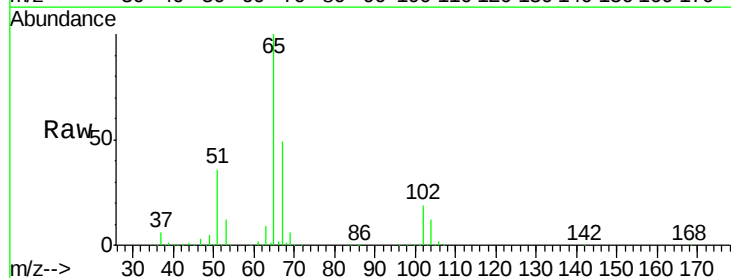
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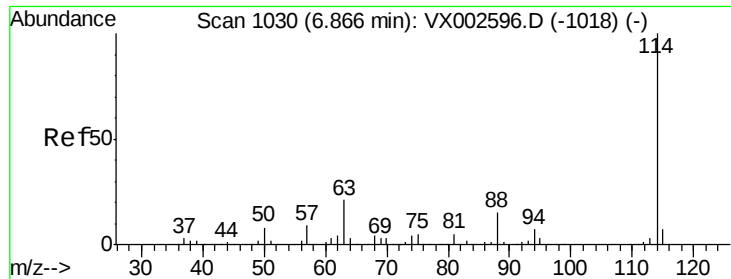


#33

1,2-Dichloroethane-d4
 Concen: 46.14 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002641.D
 Acq: 16 Jun 2018 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	152022		
67	50.3	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: VX002641.D

Acq: 16 Jun 2018 12:03

Instrument :

MSVOA_X

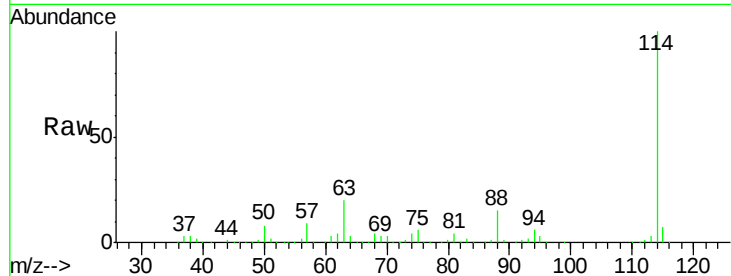
ClientSampleId :

S36-0140

Tot Ion:	114	Resp:	314848
Ion Ratio	Lower	Upper	
114	100		
63	20.1	0.0	41.4
88	15.0	0.0	30.0

Manual Integrations
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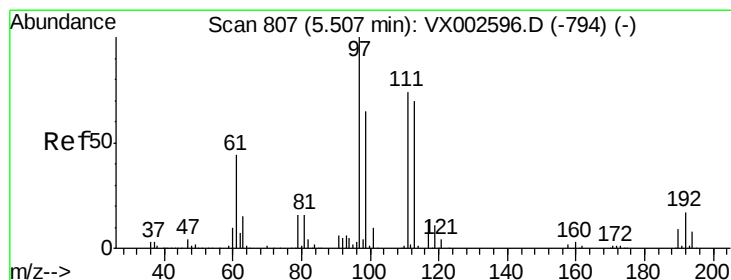
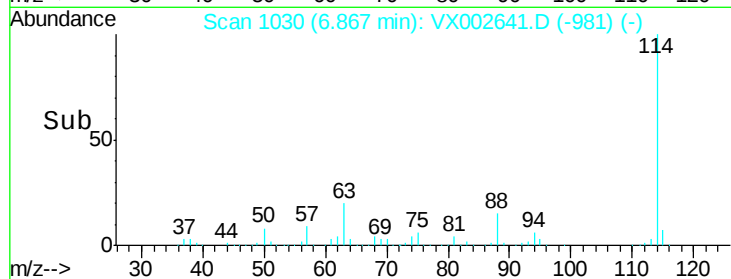
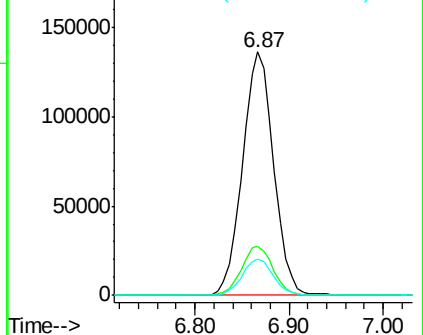
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 46.32 ug/l

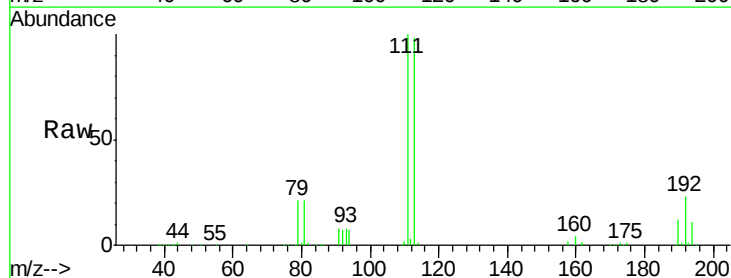
RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002641.D

Acq: 16 Jun 2018 12:03

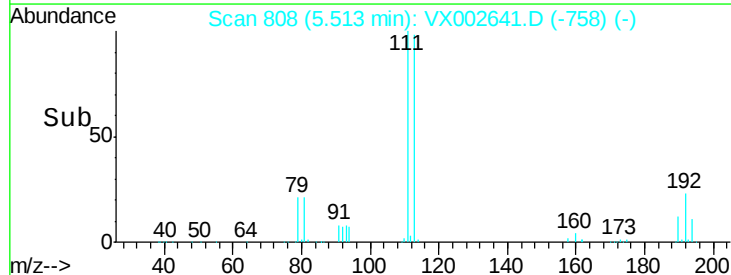
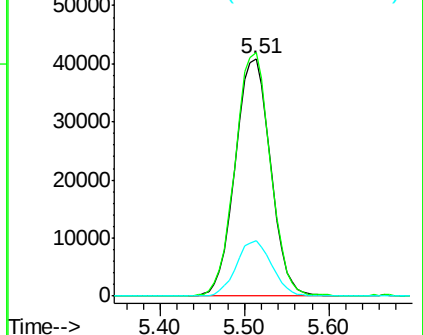
Tgt Ion:	113	Resp:	116386
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.4	122.0
192	23.4	19.1	28.7

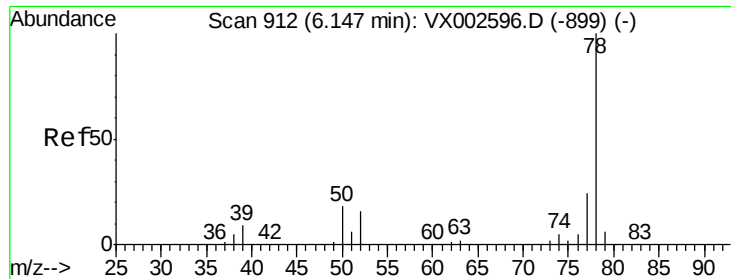


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





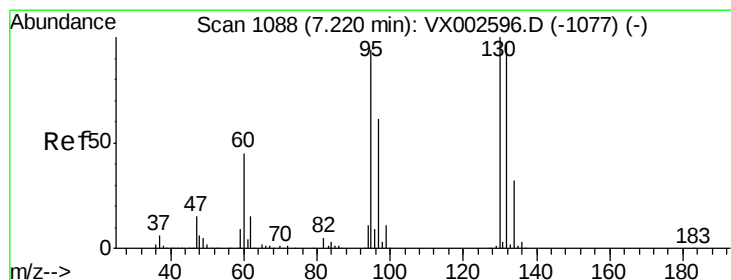
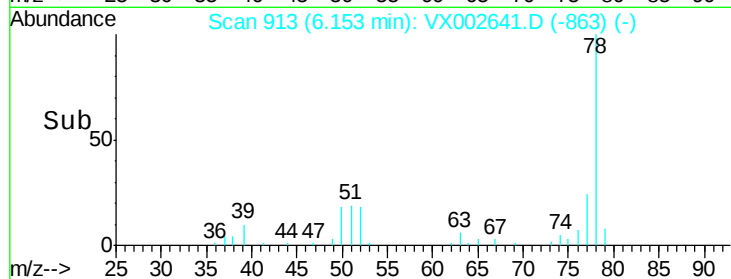
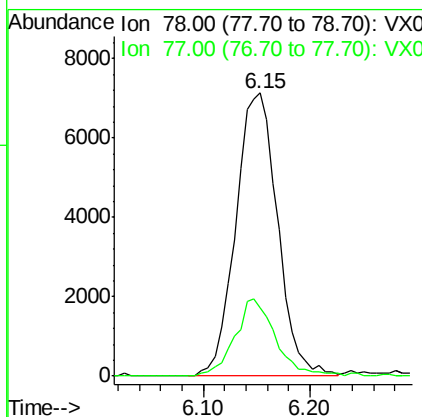
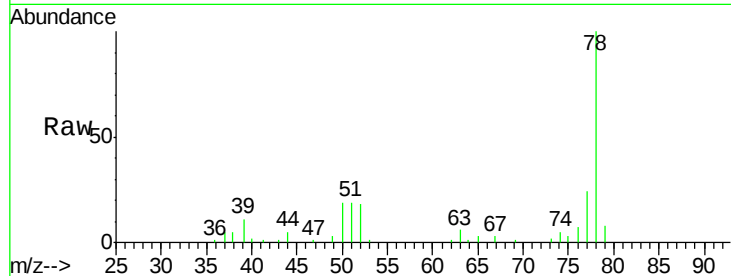
#40
Benzene
Concen: 1.96 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.01 min
Lab File: VX002641.D
Acq: 16 Jun 2018 12:03

Instrument :
MSVOA_X
ClientSampled :
S36-0140

Tot Ion: 78 Resp: 19652
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7

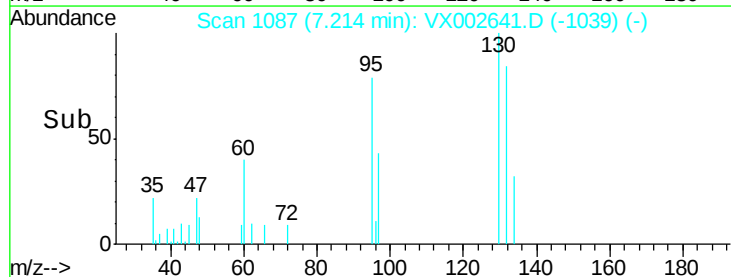
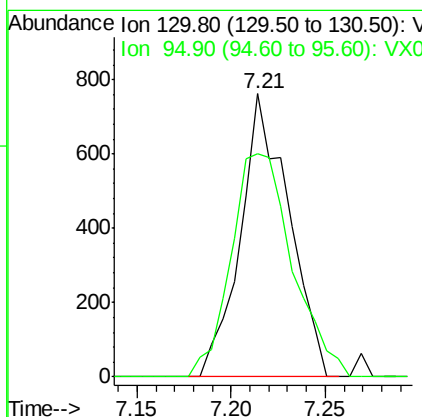
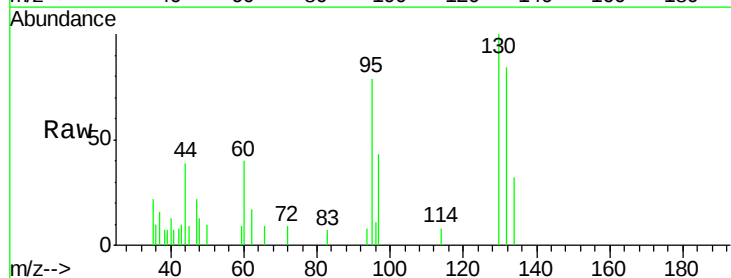
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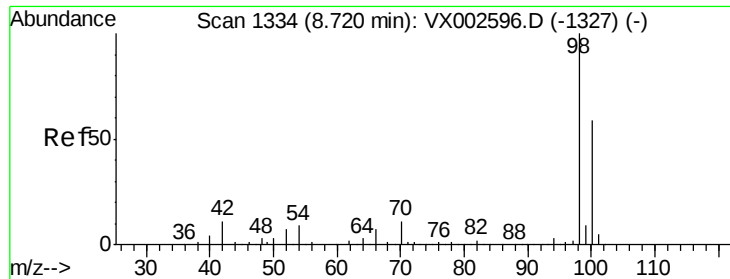
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#44
Trichloroethene
Concen: 0.47 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX002641.D
Acq: 16 Jun 2018 12:03

Tgt Ion:130 Resp: 1354
Ion Ratio Lower Upper
130 100
95 79.0 0.0 185.4





#50

Toluene-d8

Concen: 46.85 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002641.D

Acq: 16 Jun 2018 12:03

Instrument :

MSVOA_X

ClientSampleId :

S36-0140

Tot Ion: 98 Resp: 447004

Ion Ratio Lower Upper

98 100

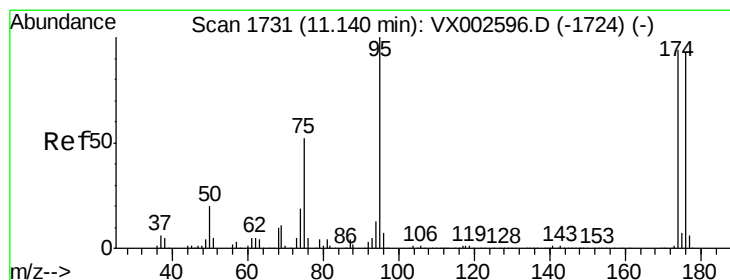
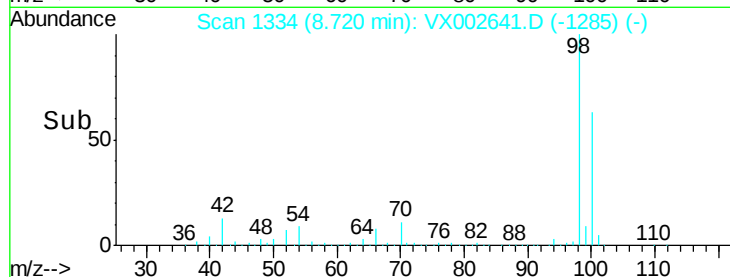
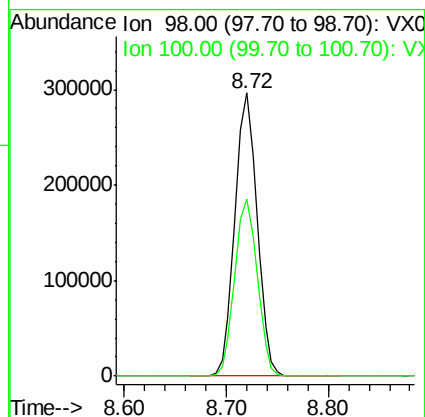
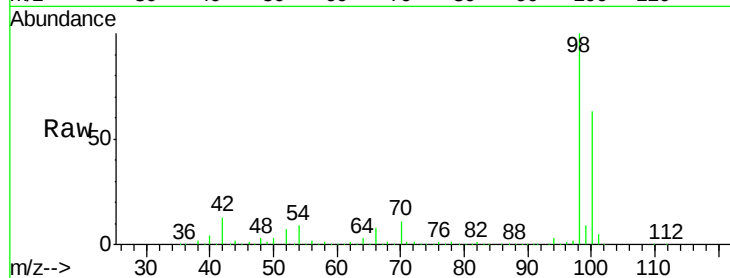
100 63.5 50.9 76.3

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 41.54 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002641.D

Acq: 16 Jun 2018 12:03

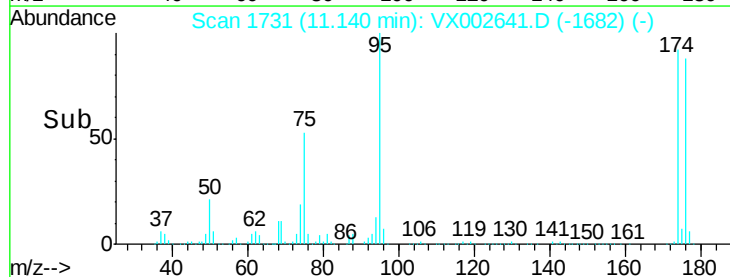
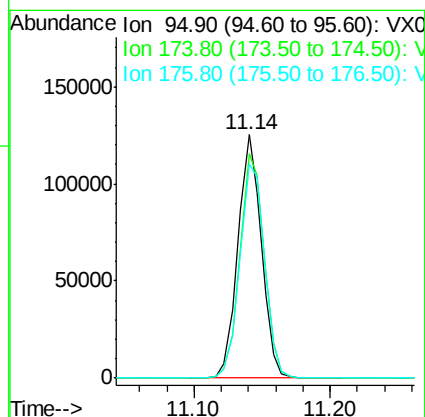
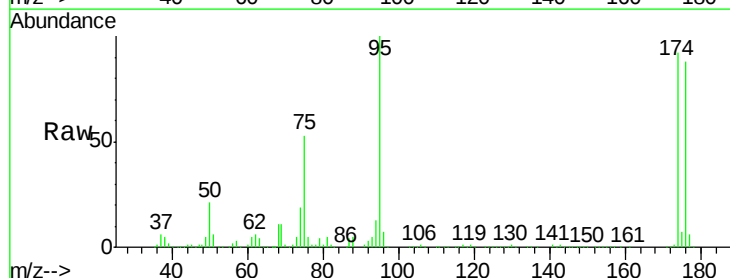
Tgt Ion: 95 Resp: 150185

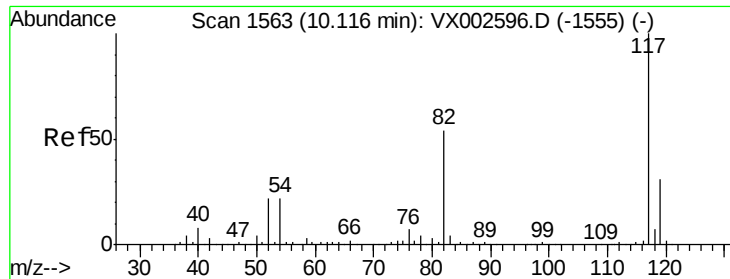
Ion Ratio Lower Upper

95 100

174 95.6 0.0 187.4

176 92.9 0.0 181.0





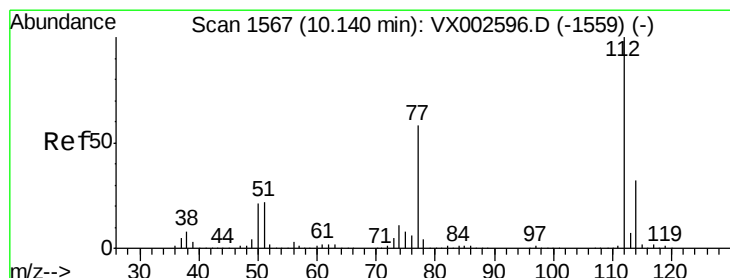
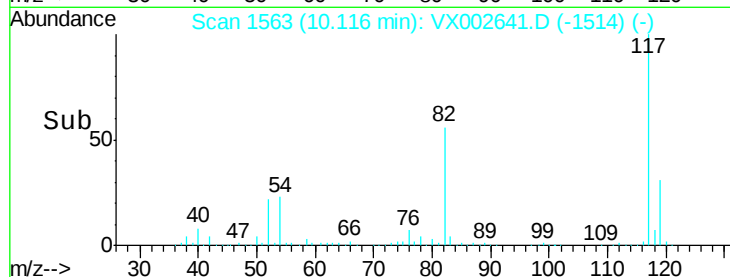
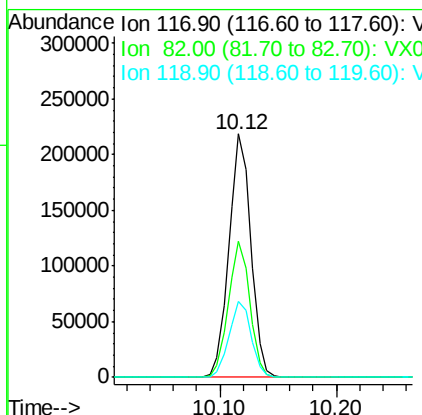
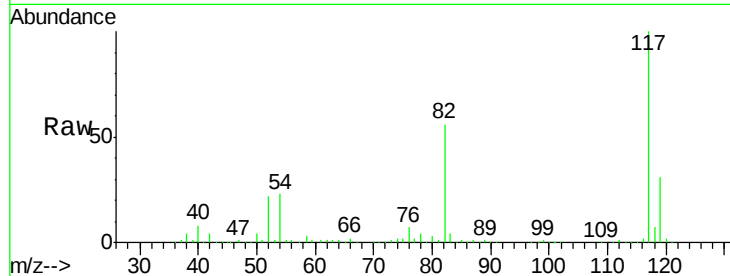
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002641.D
Acq: 16 Jun 2018 12:03

Instrument :
MSVOA_X
ClientSampled :
S36-0140

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.0	67.4
119	31.4	25.8	38.6

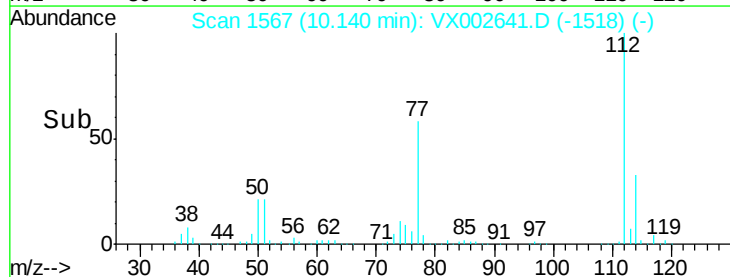
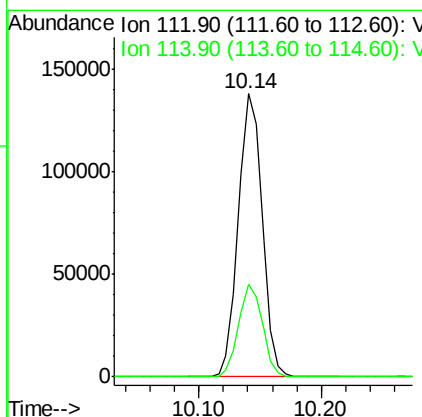
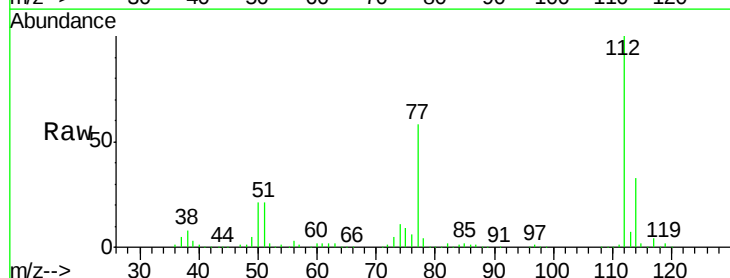
Manual Integrations
APPROVED

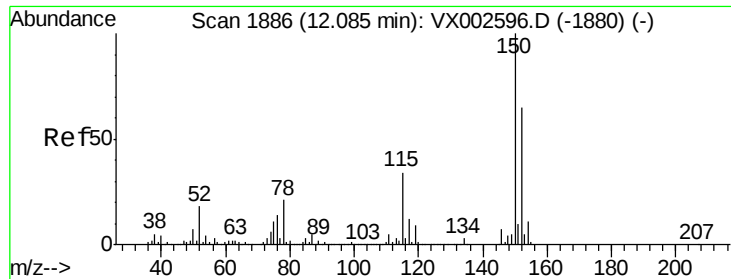
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#65
Chlorobenzene
Concen: 26.62 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002641.D
Acq: 16 Jun 2018 12:03

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.7	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: VX002641.D

Acq: 16 Jun 2018 12:03

Instrument :

MSVOA_X

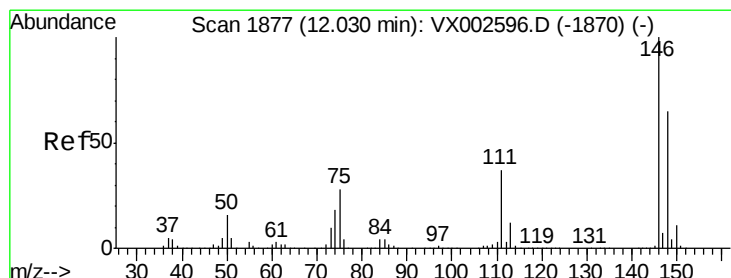
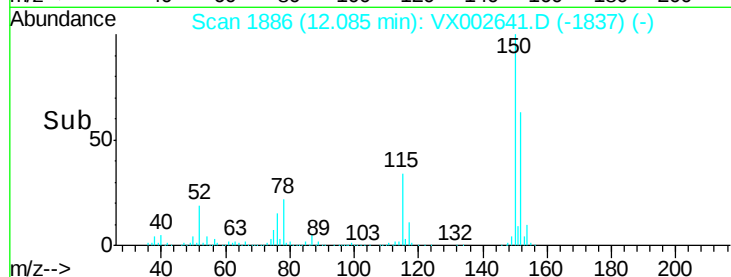
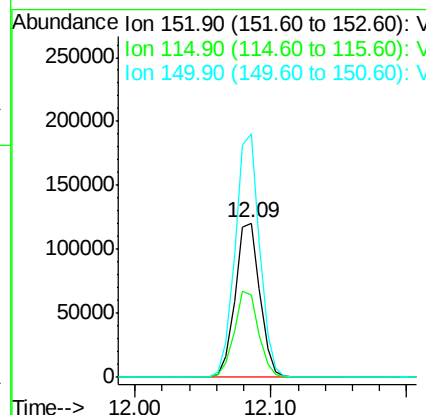
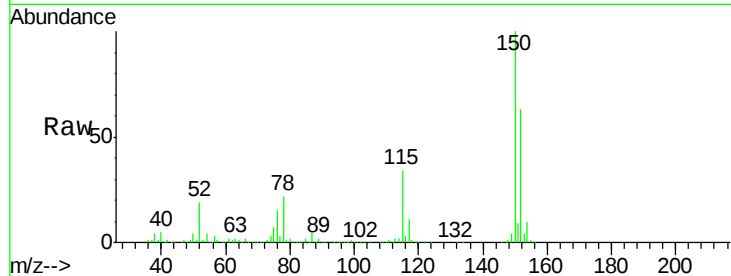
ClientSampled :

S36-0140

Tot Ion:	152	Resp:	151732
Ion Ratio	Lower	Upper	
152	100		
115	55.0	40.1	120.2
150	156.7	0.0	347.2

Manual Integrations
APPROVED

MMDadoda
6/18/2018 5:12:08 PM



#87

1,3-Dichlorobenzene

Concen: 0.37 ug/l

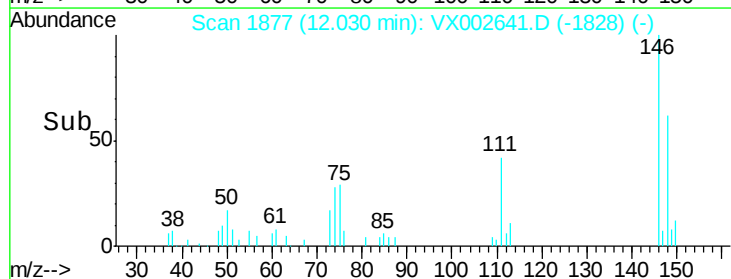
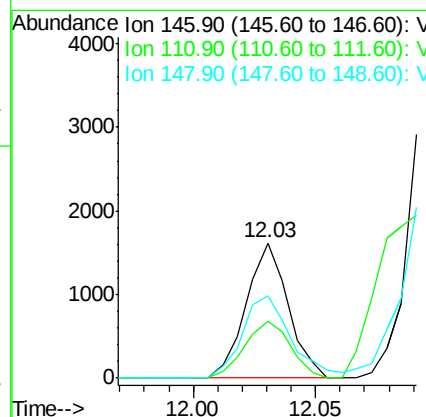
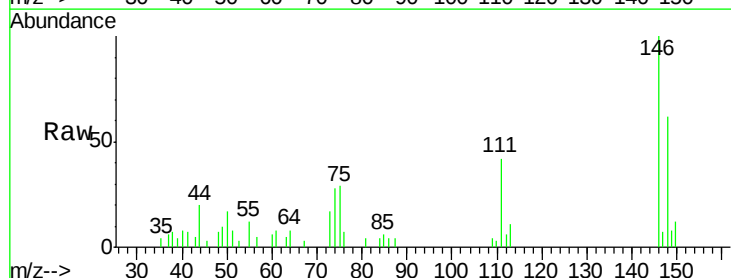
RT: 12.03 min Scan# 1877

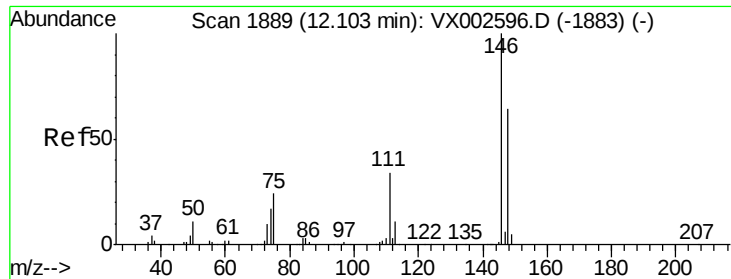
Delta R.T. 0.00 min

Lab File: VX002641.D

Acq: 16 Jun 2018 12:03

Tgt Ion:	146	Resp:	1926
Ion Ratio	Lower	Upper	
146	100		
111	45.7	18.9	56.7
148	71.1	32.1	96.3





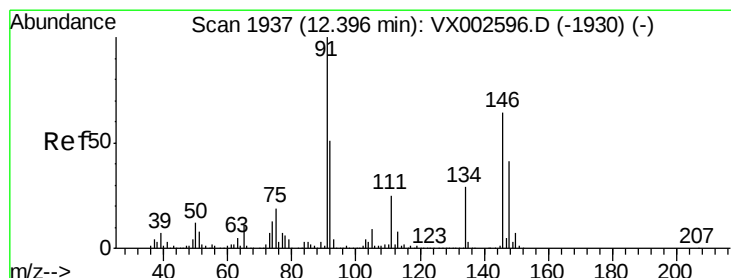
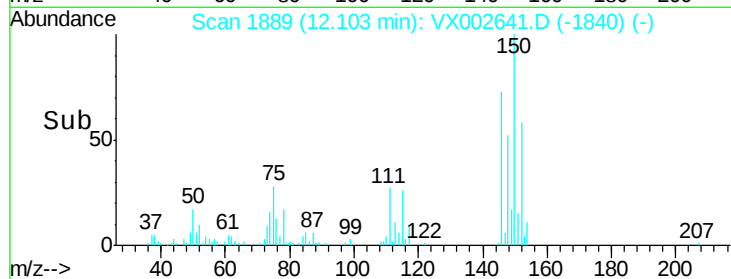
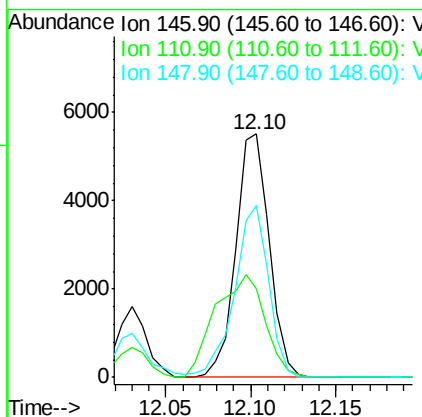
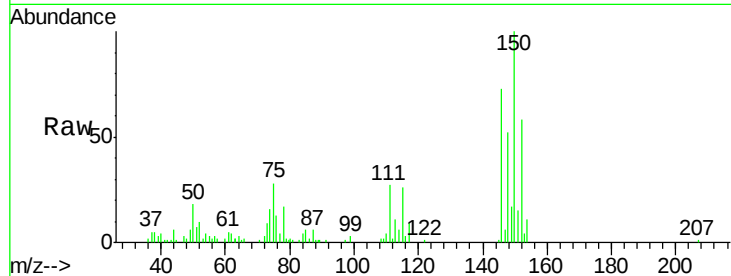
#88
 1,4-Dichlorobenzene
 Concen: 1.43 ug/l m
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002641.D
 Acq: 16 Jun 2018 12:03

Instrument :
 MSVOA_X
 ClientSampled :
 S36-0140

Tot Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.7	56.1#
148	0.0	32.4	97.0#

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 5:12:08 PM



#91
 1,2-Dichlorobenzene
 Concen: 1.24 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002641.D
 Acq: 16 Jun 2018 12:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.4	58.1
148	62.3	31.7	95.1

