

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002642.D
 Acq On : 16 Jun 2018 12:29
 Operator : JC/MD
 Sample : J3477-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0133

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 5:12:09 PM

Quant Time: Jun 18 09:06:47 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	212442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	303203	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	165290	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	145240	44.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.98%	
35) Dibromofluoromethane	5.51	113	111051	45.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.78%	
50) Toluene-d8	8.72	98	434202	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.52%	
62) 4-Bromofluorobenzene	11.14	95	153503	44.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.18%	
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.40	62	35352	12.70	ug/l	# 87
16) Acetone	2.45	43	8780	6.16	ug/l	98
18) Methyl Acetate	2.78	43	2393	0.63	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	19203	7.46	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	36821	14.05	ug/l	87
40) Benzene	6.15	78	20031	2.07	ug/l	93
44) Trichloroethene	7.21	130	1624	0.58	ug/l	90
65) Chlorobenzene	10.14	112	172059	24.43	ug/l	99
68) m/p-Xylenes	10.36	106	1021	0.22	ug/l	87
87) 1,3-Dichlorobenzene	12.03	146	2584	0.46	ug/l	92
88) 1,4-Dichlorobenzene	12.10	146	8752m	1.52	ug/l	
91) 1,2-Dichlorobenzene	12.40	146	13607	2.39	ug/l	98

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

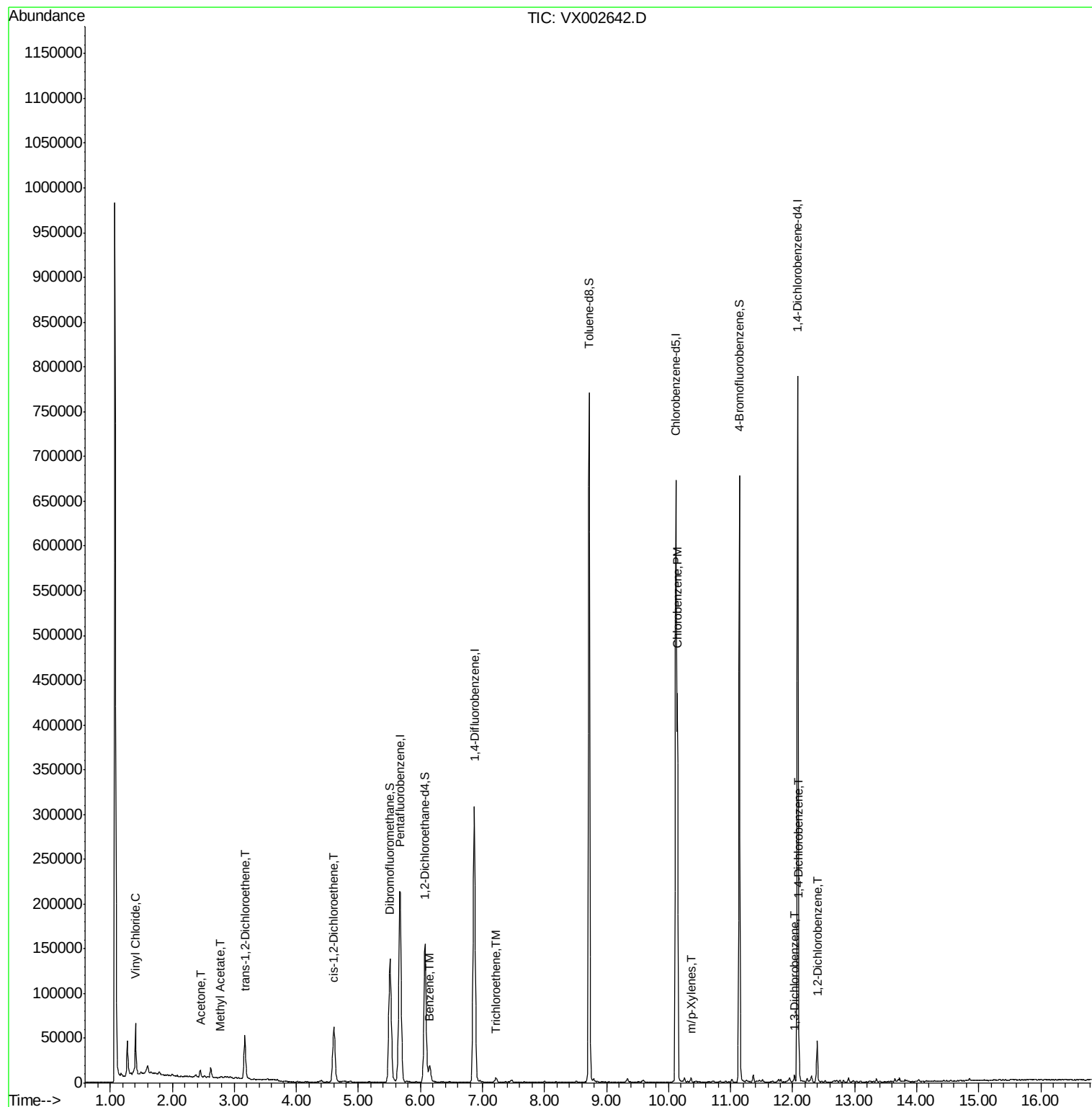
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061518\
Data File : VX002642.D
Acq On : 16 Jun 2018 12:29
Operator : JC/MD
Sample : J3477-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 53 Sample Multiplier: 1

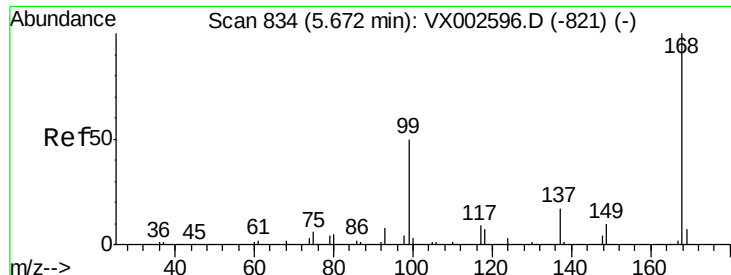
Instrument :
MSVOA_X
ClientSampleId :
S36-0133

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Quant Time: Jun 18 09:06:47 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: VX002642.D

Acq: 16 Jun 2018 12:29

Instrument :

MSVOA_X

ClientSampled :

S36-0133

Tot Ion:168 Resp: 212442

Ion Ratio Lower Upper

168 100

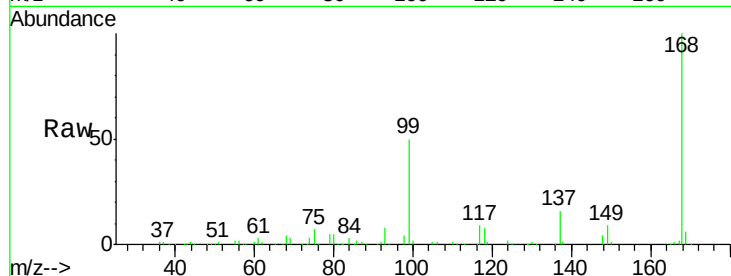
99 50.1 39.3 58.9

Manual Integrations

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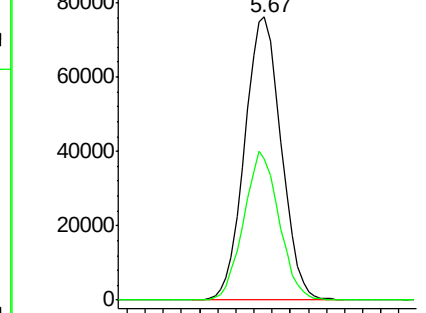
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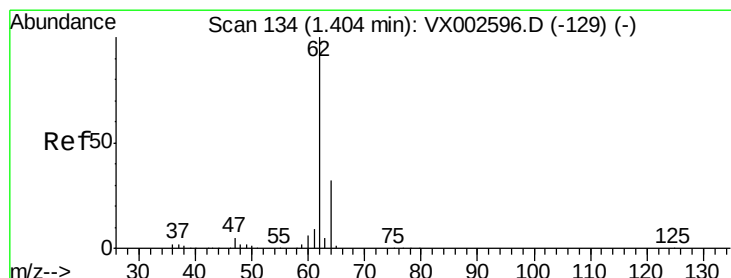
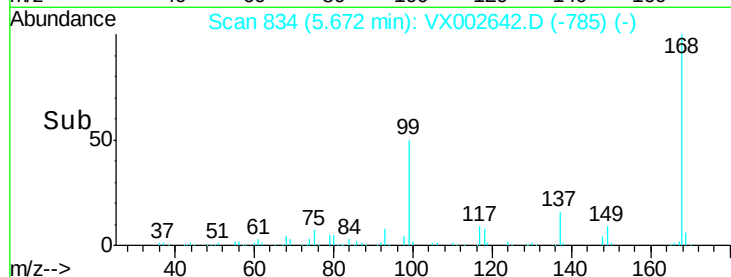


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 12.70 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002642.D

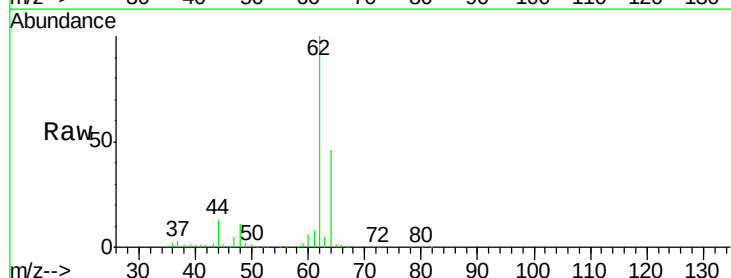
Acq: 16 Jun 2018 12:29

Tgt Ion: 62 Resp: 35352

Ion Ratio Lower Upper

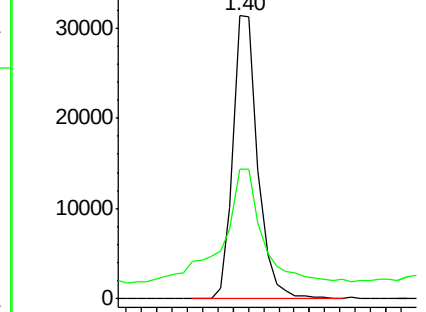
62 100

64 38.9 25.4 38.2#

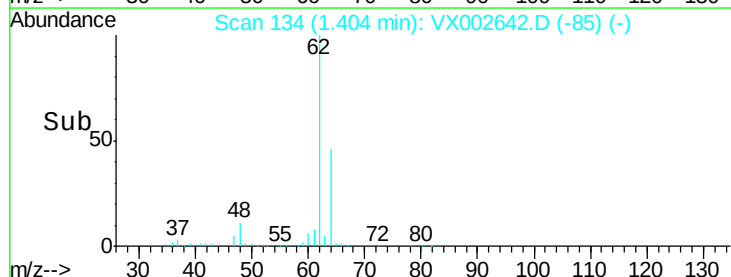


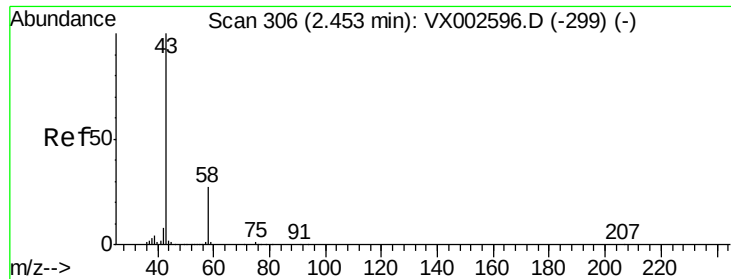
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





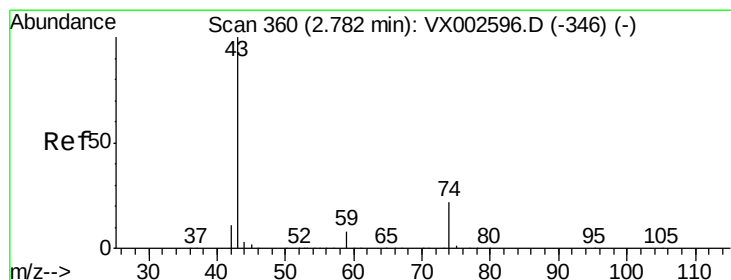
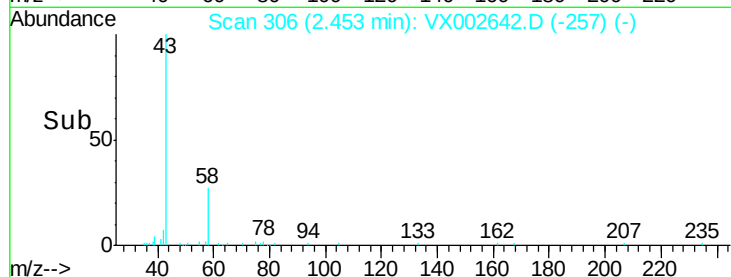
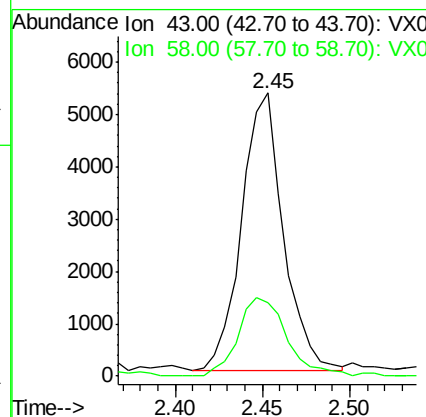
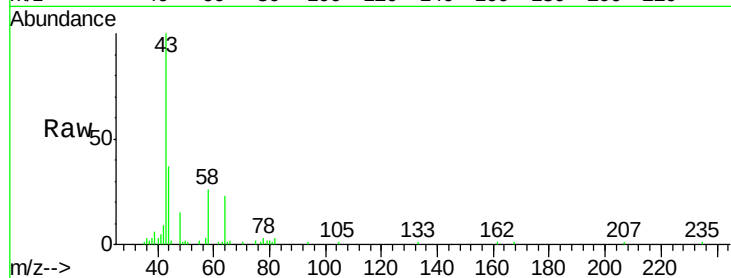
#16
Acetone
Concen: 6.16 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Instrument :
MSVOA_X
ClientSampleId :
S36-0133

Tot Ion	43	Resp	8780
Ion Ratio	Lower	Upper	
43	100		
58	26.4	22.1	33.1

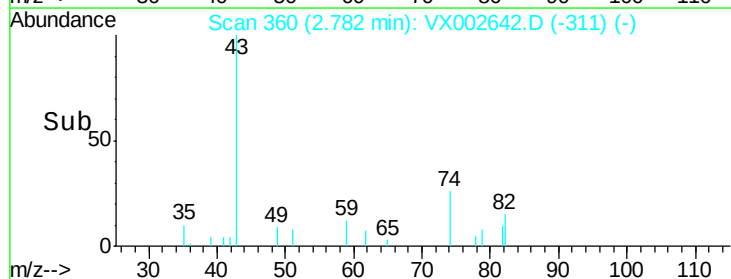
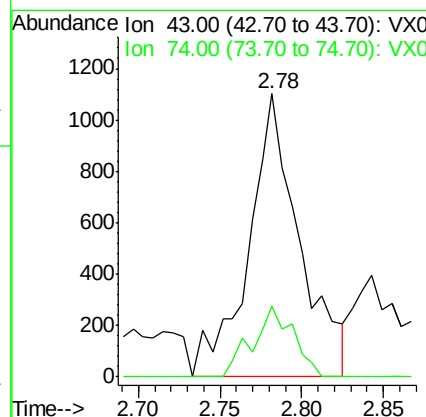
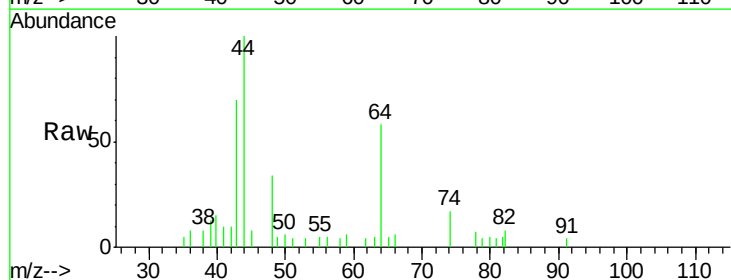
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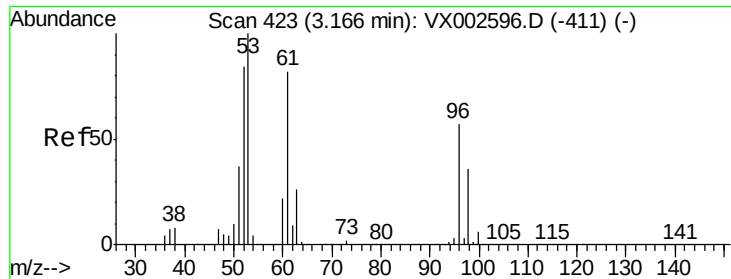
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#18
Methyl Acetate
Concen: 0.63 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Tgt Ion	43	Resp	2393
Ion Ratio	Lower	Upper	
43	100		
74	20.1	16.7	25.1





#21

trans-1,2-Dichloroethene

Concen: 7.46 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002642.D

Acq: 16 Jun 2018 12:29

Instrument :

MSVOA_X

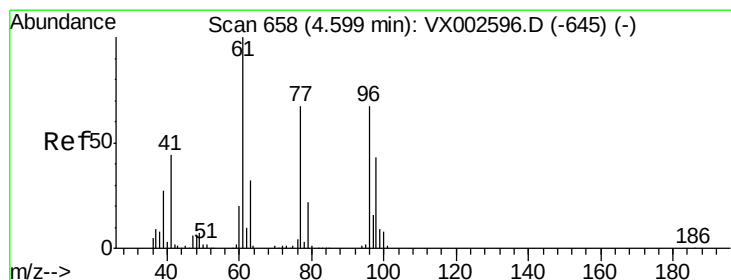
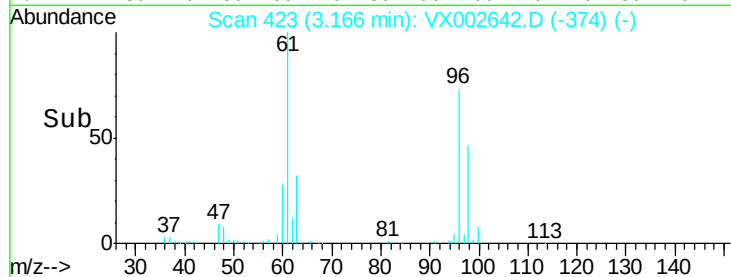
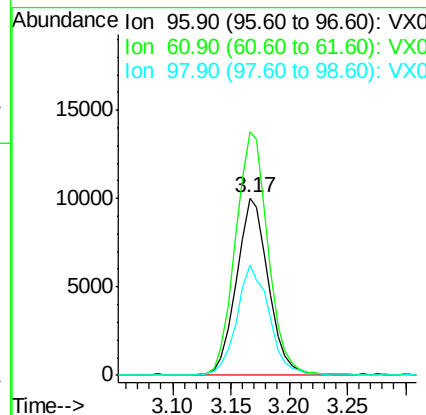
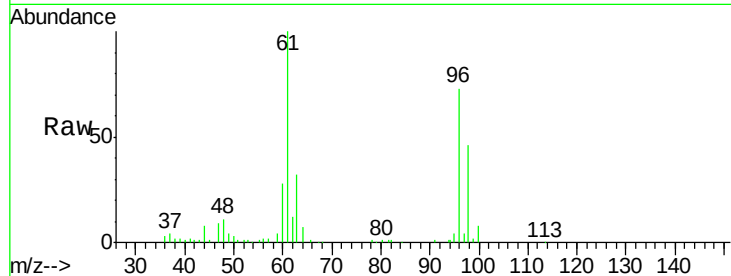
ClientSampleId :

S36-0133

Tot Ion:	96	Resp:	19203
Ion	Ratio	Lower	Upper
96	100		
61	137.2	117.0	175.4
98	62.6	52.4	78.6

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#27

cis-1,2-Dichloroethene

Concen: 14.05 ug/l

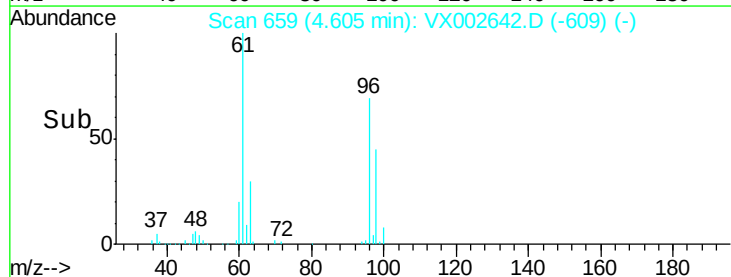
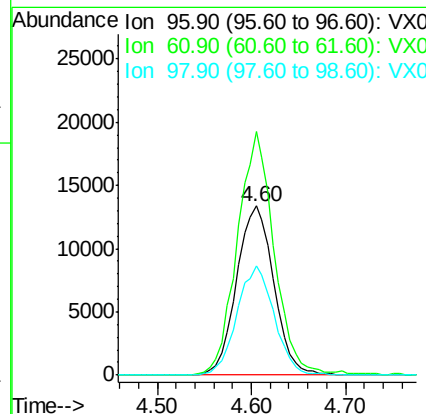
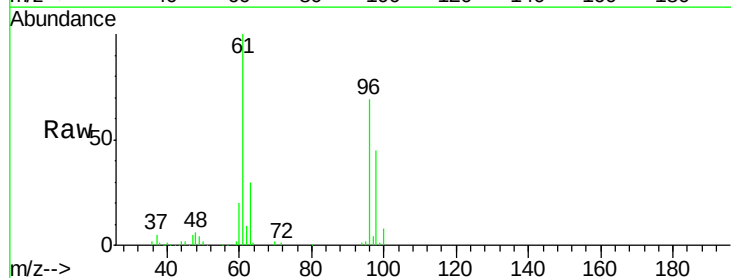
RT: 4.60 min Scan# 659

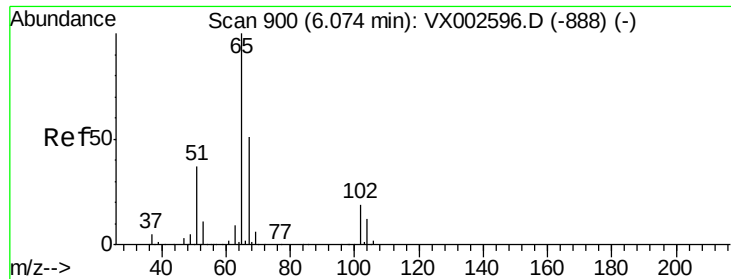
Delta R.T. 0.01 min

Lab File: VX002642.D

Acq: 16 Jun 2018 12:29

Tgt Ion:	96	Resp:	36821
Ion	Ratio	Lower	Upper
96	100		
61	141.4	0.0	330.2
98	64.6	0.0	130.2





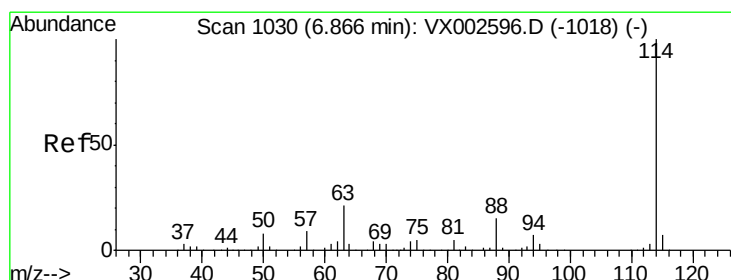
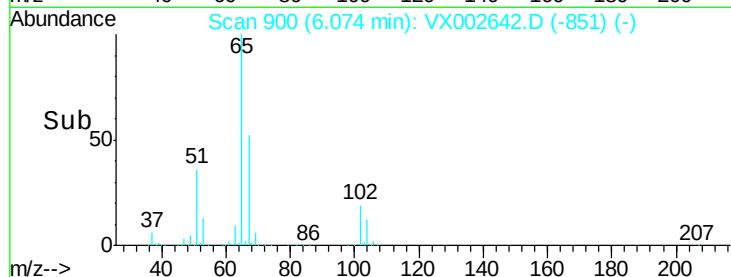
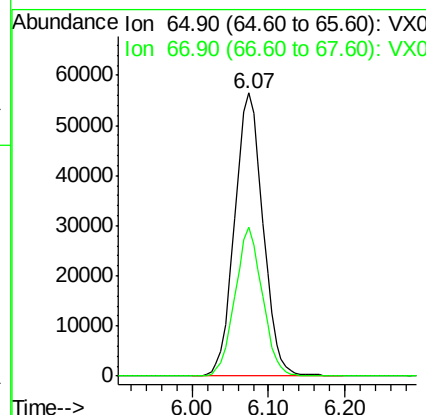
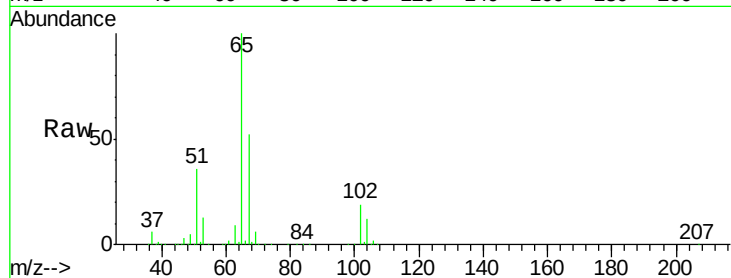
#33
 1,2-Dichloroethane-d4
 Concen: 44.99 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002642.D
 Acq: 16 Jun 2018 12:29

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0133

Tot Ion	Ratio	Resp	Lower	Upper
65	100	145240		
67	50.7	0.0	102.6	

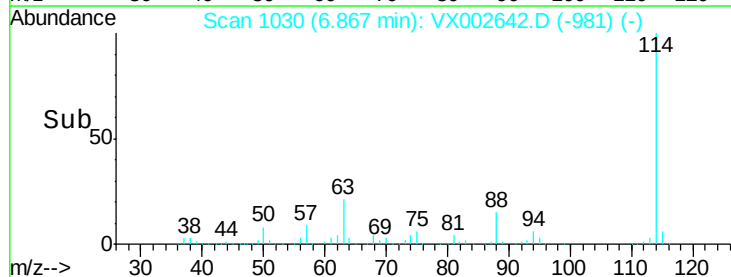
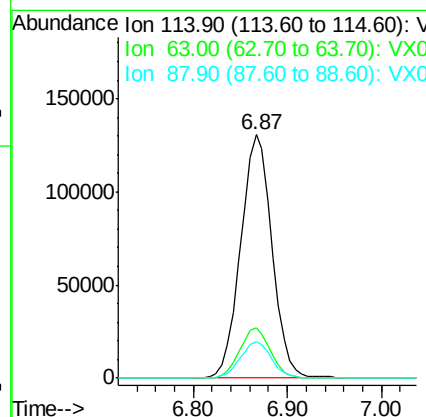
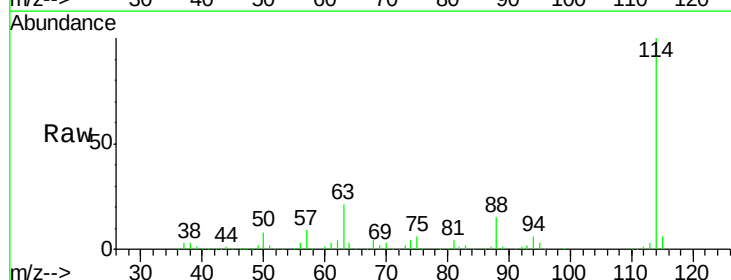
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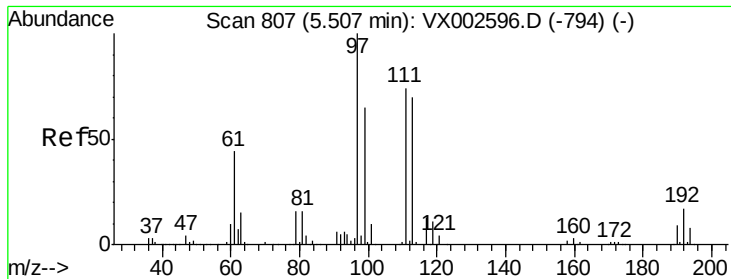
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002642.D
 Acq: 16 Jun 2018 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	303203		
63	20.7	0.0	41.4	
88	14.9	0.0	30.0	





#35

Dibromofluoromethane

Concen: 45.89 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002642.D

Acq: 16 Jun 2018 12:29

Instrument :

MSVOA_X

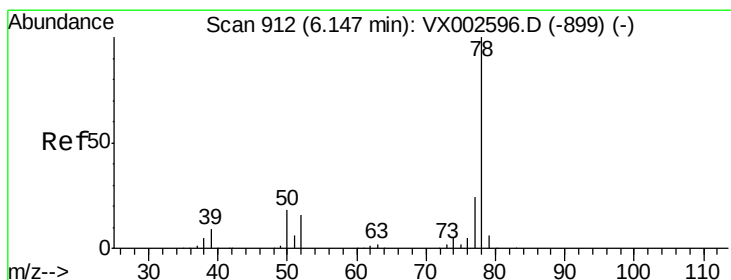
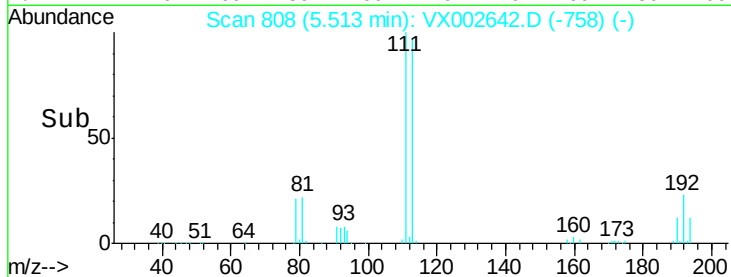
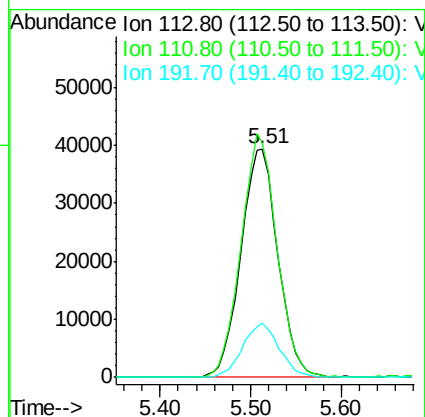
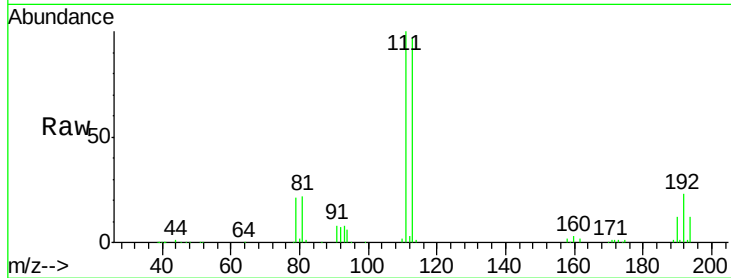
ClientSampled :

S36-0133

Tot Ion:	113	Resp:	111051
Ion Ratio	Lower	Upper	
113	100		
111	103.7	81.4	122.0
192	23.5	19.1	28.7

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#40

Benzene

Concen: 2.07 ug/l

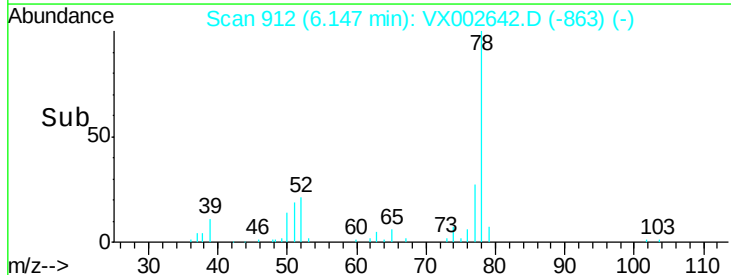
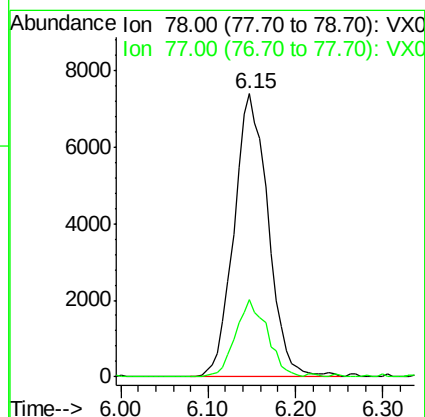
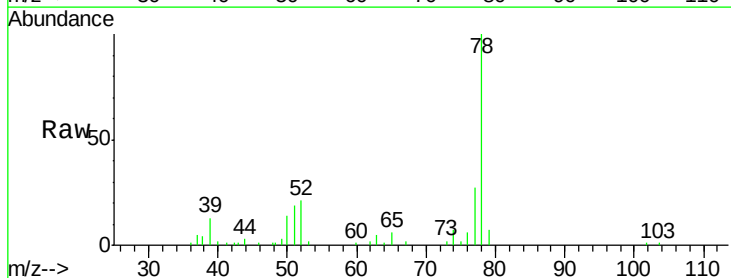
RT: 6.15 min Scan# 912

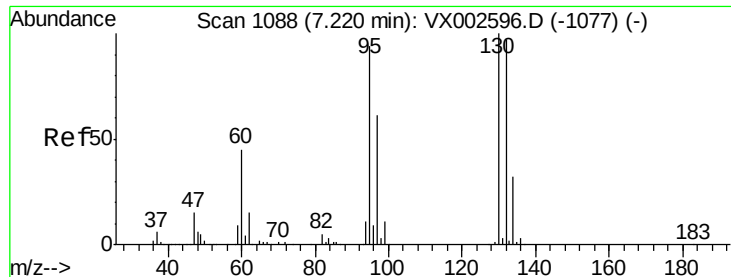
Delta R.T. 0.00 min

Lab File: VX002642.D

Acq: 16 Jun 2018 12:29

Tgt Ion:	78	Resp:	20031
Ion Ratio	Lower	Upper	
78	100		
77	27.3	19.1	28.7





#44

Trichloroethene

Concen: 0.58 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX002642.D

Acq: 16 Jun 2018 12:29

Instrument :

MSVOA_X

ClientSampled :

S36-0133

Tot Ion:130 Resp: 1624

Ion Ratio Lower Upper

130 100

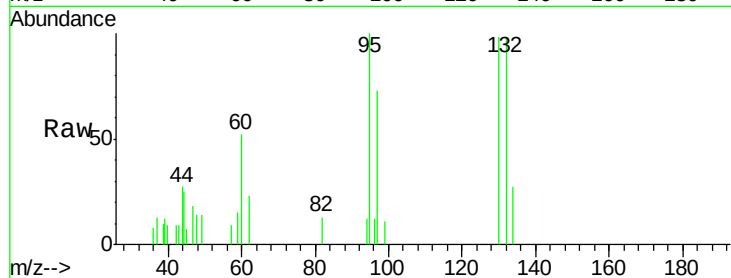
95 102.5 0.0 185.4

Manual Integrations

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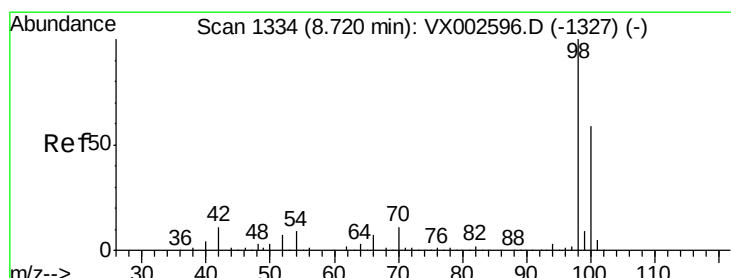
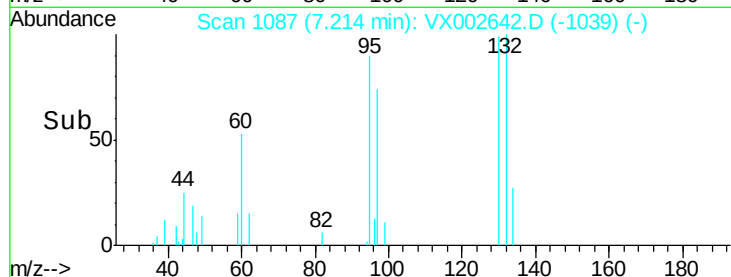
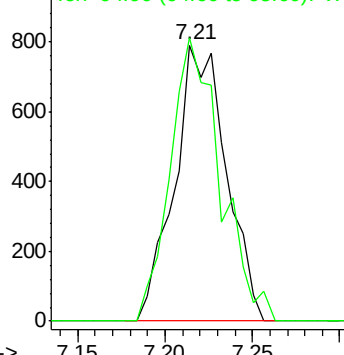
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 47.26 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002642.D

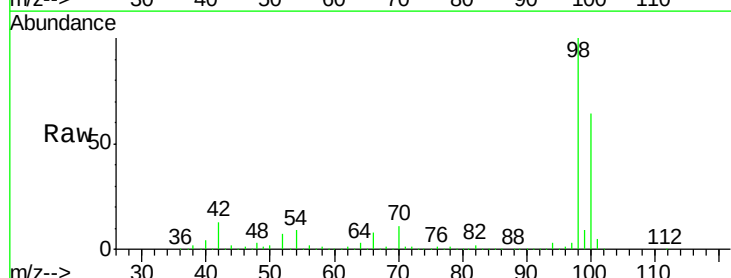
Acq: 16 Jun 2018 12:29

Tgt Ion: 98 Resp: 434202

Ion Ratio Lower Upper

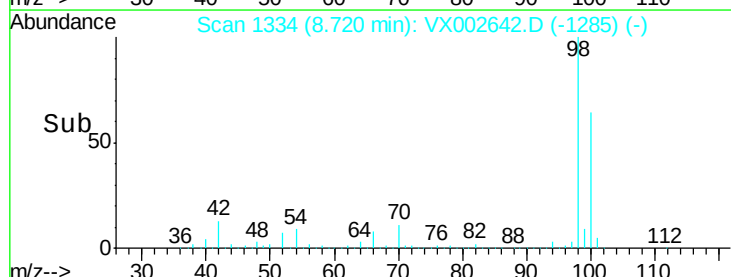
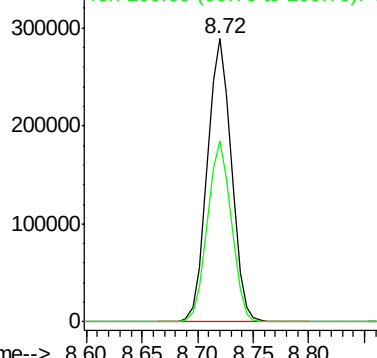
98 100

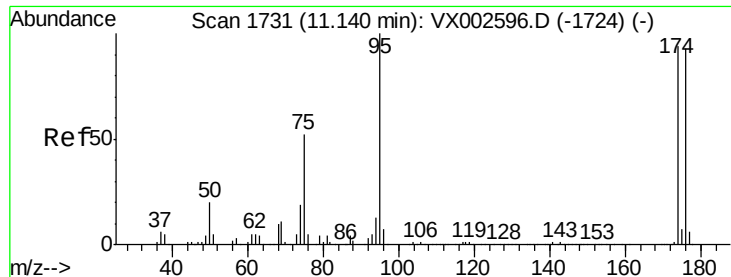
100 63.5 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





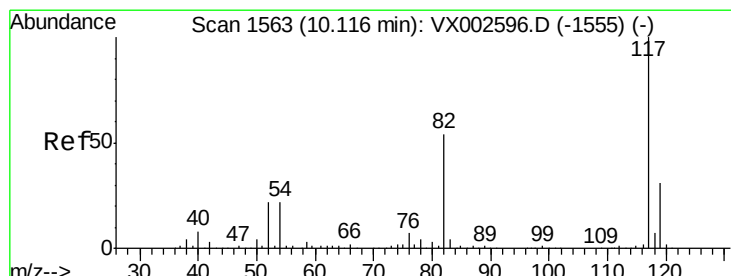
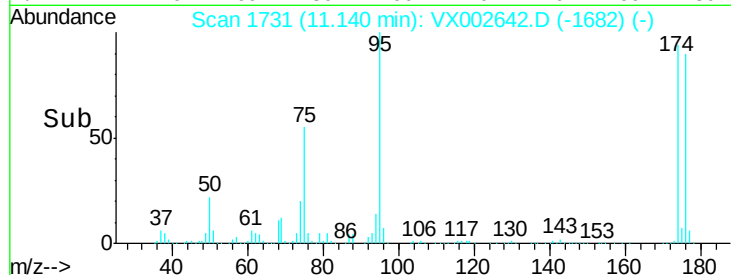
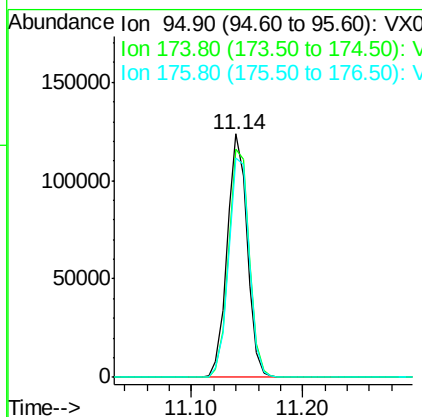
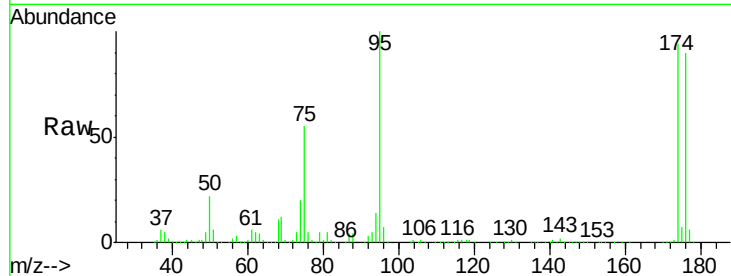
#62
4-Bromofluorobenzene
Concen: 44.09 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Instrument :
MSVOA_X
ClientSampleId :
S36-0133

Tot Ion	Ratio	Resp	Lower	Upper
95	100	153503		
174	96.9	0.0	187.4	
176	93.4	0.0	181.0	

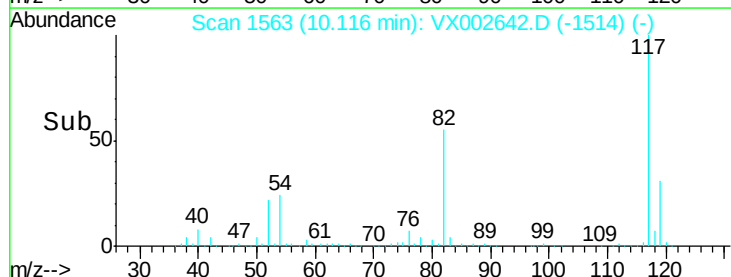
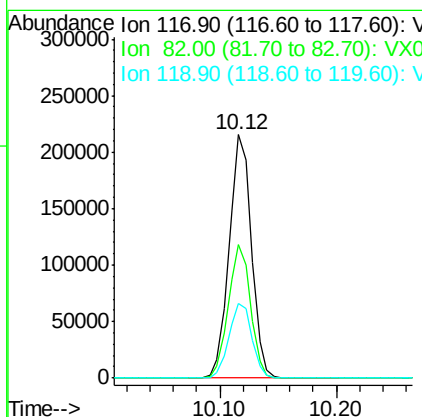
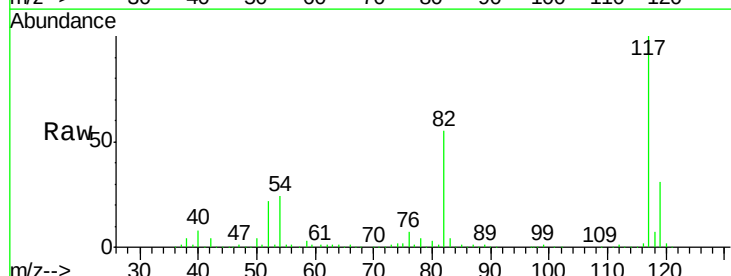
Manual Integrations
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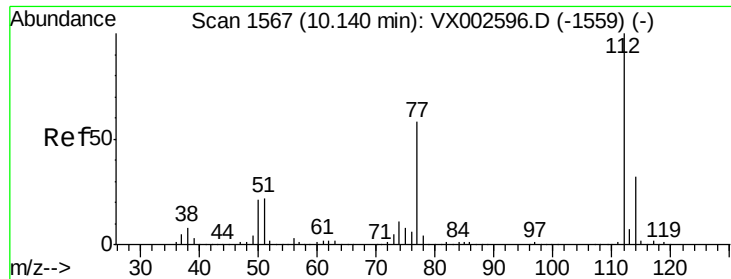
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	286776		
82	54.9	45.0	67.4	
119	30.9	25.8	38.6	





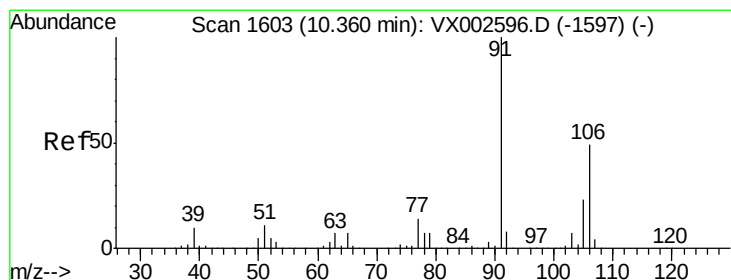
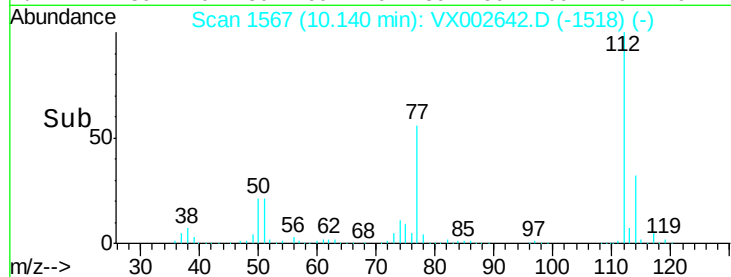
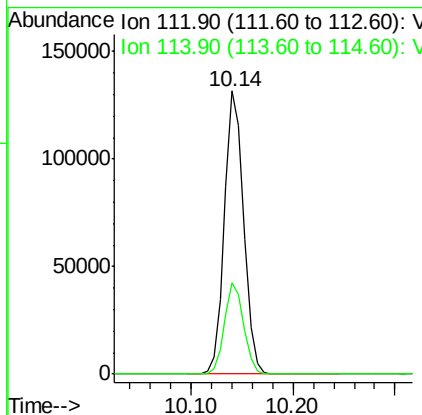
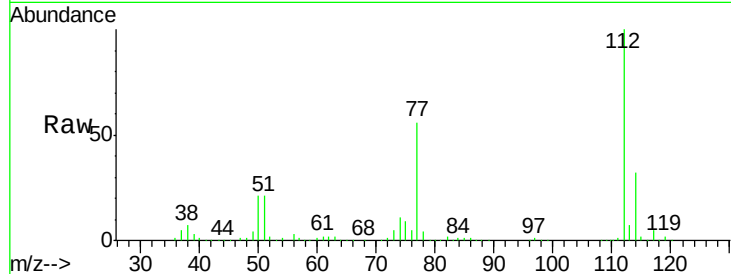
#65
Chlorobenzene
Concen: 24.43 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Instrument :
MSVOA_X
ClientSampled :
S36-0133

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.3	37.9

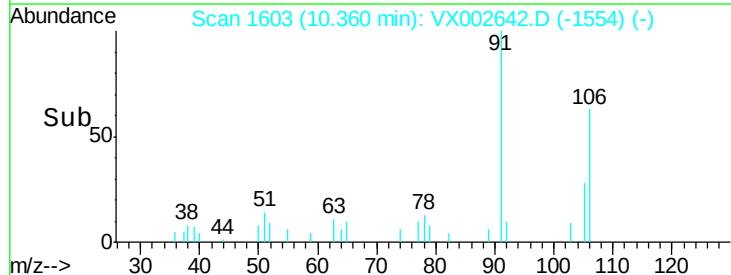
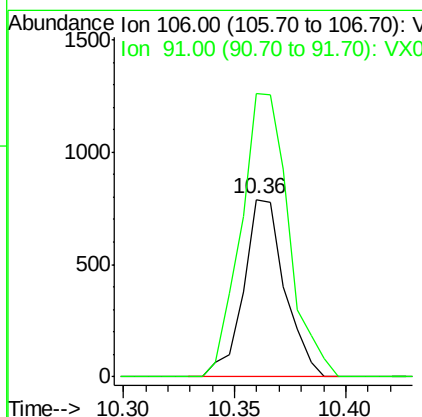
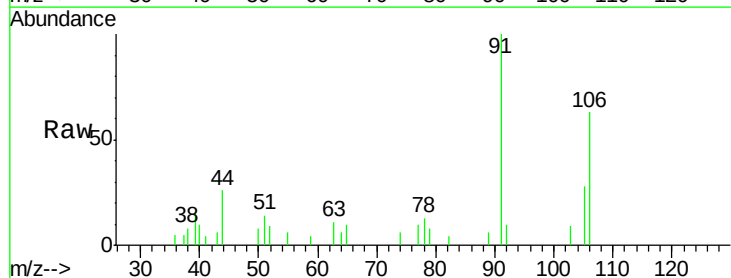
Manual Integrations
APPROVED

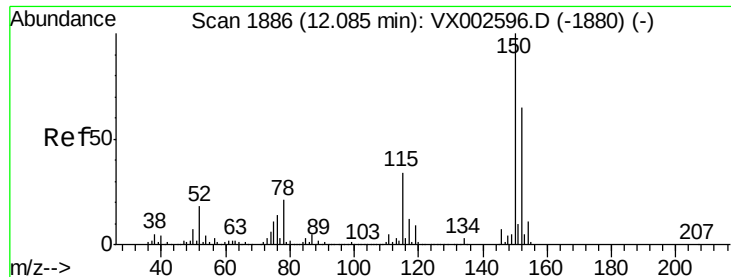
MMDadoda
6/18/2018 5:12:09 PM



#68
m/p-Xylenes
Concen: 0.22 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002642.D
Acq: 16 Jun 2018 12:29

Tgt Ion	Ratio	Lower	Upper
106	100		
91	184.3	163.4	245.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002642.D

Acq: 16 Jun 2018 12:29

Instrument :

MSVOA_X

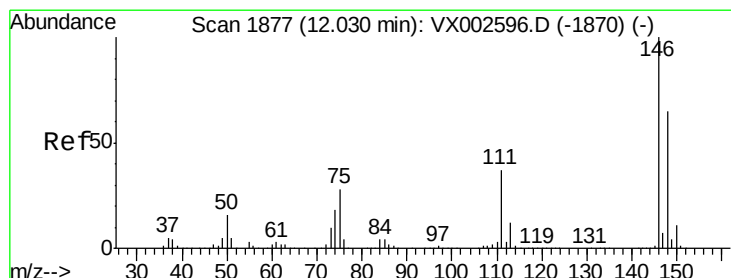
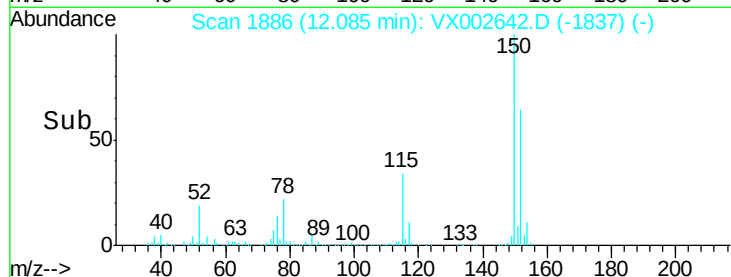
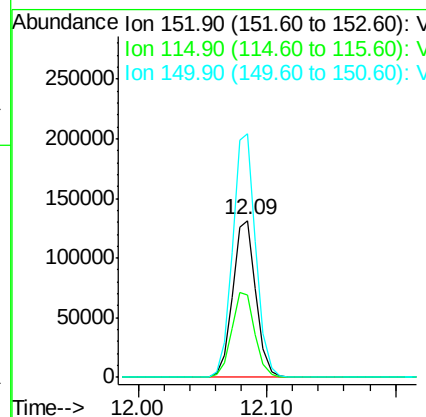
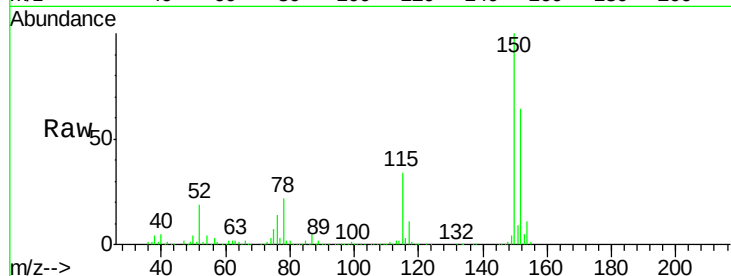
ClientSampled :

S36-0133

Tot Ion:	152	Resp:	165290
Ion Ratio	Lower	Upper	
152	100		
115	54.4	40.1	120.2
150	155.6	0.0	347.2

Manual Integrations
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6/18/2018 5:12:09 PM



#87

1,3-Dichlorobenzene

Concen: 0.46 ug/l

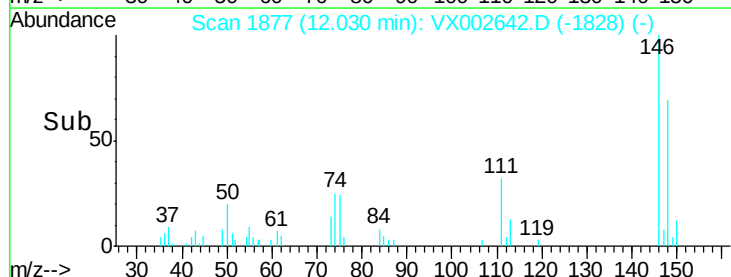
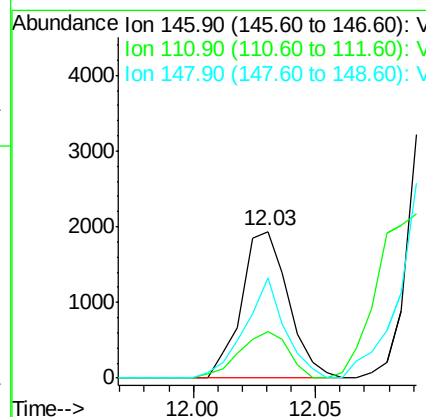
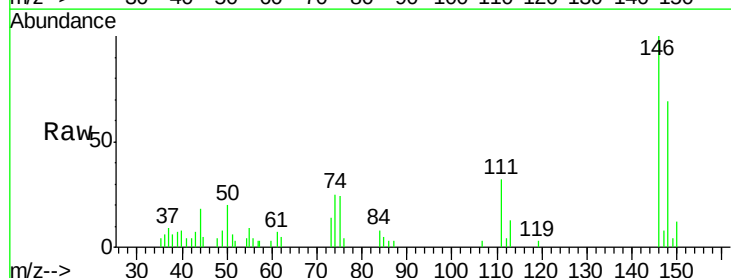
RT: 12.03 min Scan# 1877

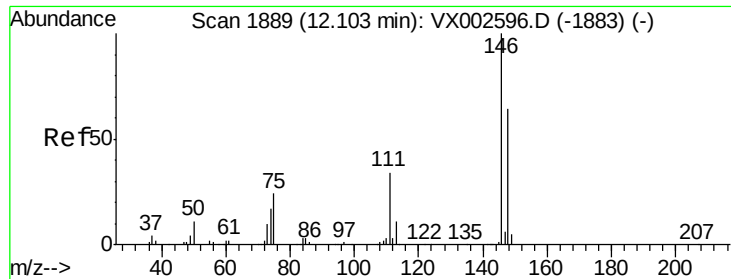
Delta R.T. 0.00 min

Lab File: VX002642.D

Acq: 16 Jun 2018 12:29

Tgt Ion:	146	Resp:	2584
Ion Ratio	Lower	Upper	
146	100		
111	32.8	18.9	56.7
148	58.4	32.1	96.3





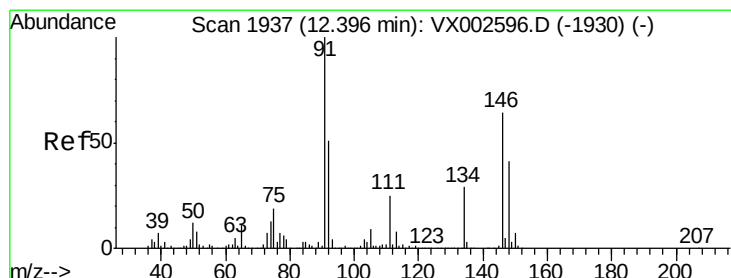
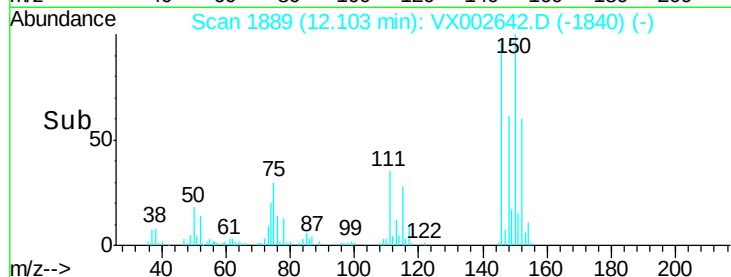
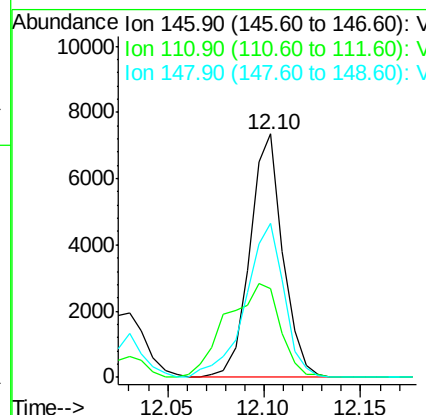
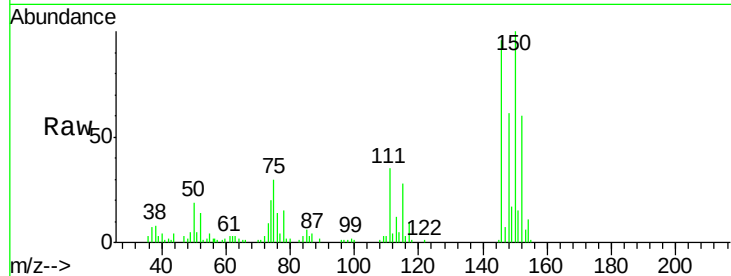
#88
 1,4-Dichlorobenzene
 Concen: 1.52 ug/l m
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002642.D
 Acq: 16 Jun 2018 12:29

Instrument :
 MSVOA_X
 ClientSampled :
 S36-0133

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

Manual Integrations
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MMDadoda
 6/18/2018 5:12:09 PM



#91
 1,2-Dichlorobenzene
 Concen: 2.39 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002642.D
 Acq: 16 Jun 2018 12:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	19.4	58.1
148	62.9	31.7	95.1

