

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000960.D
 Acq On : 17 Apr 2018 09:38
 Operator : JC/MD
 Sample : J2349-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012RW162-180411

Manual Integrations
 APPROVED

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 4/18/2018 2:45:13 PM

Quant Time: Apr 17 12:03:22 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	253212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	349156	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	320723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	199785	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	156580	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.08%		
35) Dibromofluoromethane	5.51	113	123563	45.93	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.86%		
50) Toluene-d8	8.72	98	488099	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.46%		
62) 4-Bromofluorobenzene	11.14	95	183330	44.24	ug/l	0.00
Spiked Amount 50.000			Recovery =	88.48%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	122425	44.41	ug/l	97
12) 1,1-Dichloroethene	2.38	96	2608	1.12	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	271722	93.43	ug/l	90
39) Methylcyclohexane	7.46	83	2409	0.52	ug/l	95
40) Benzene	6.15	78	9791	0.92	ug/l	100
44) Trichloroethene	7.22	130	4844	1.46	ug/l	86
65) Chlorobenzene	10.15	112	134583	16.68	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	1497	0.22	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	18464	2.78	ug/l	99

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

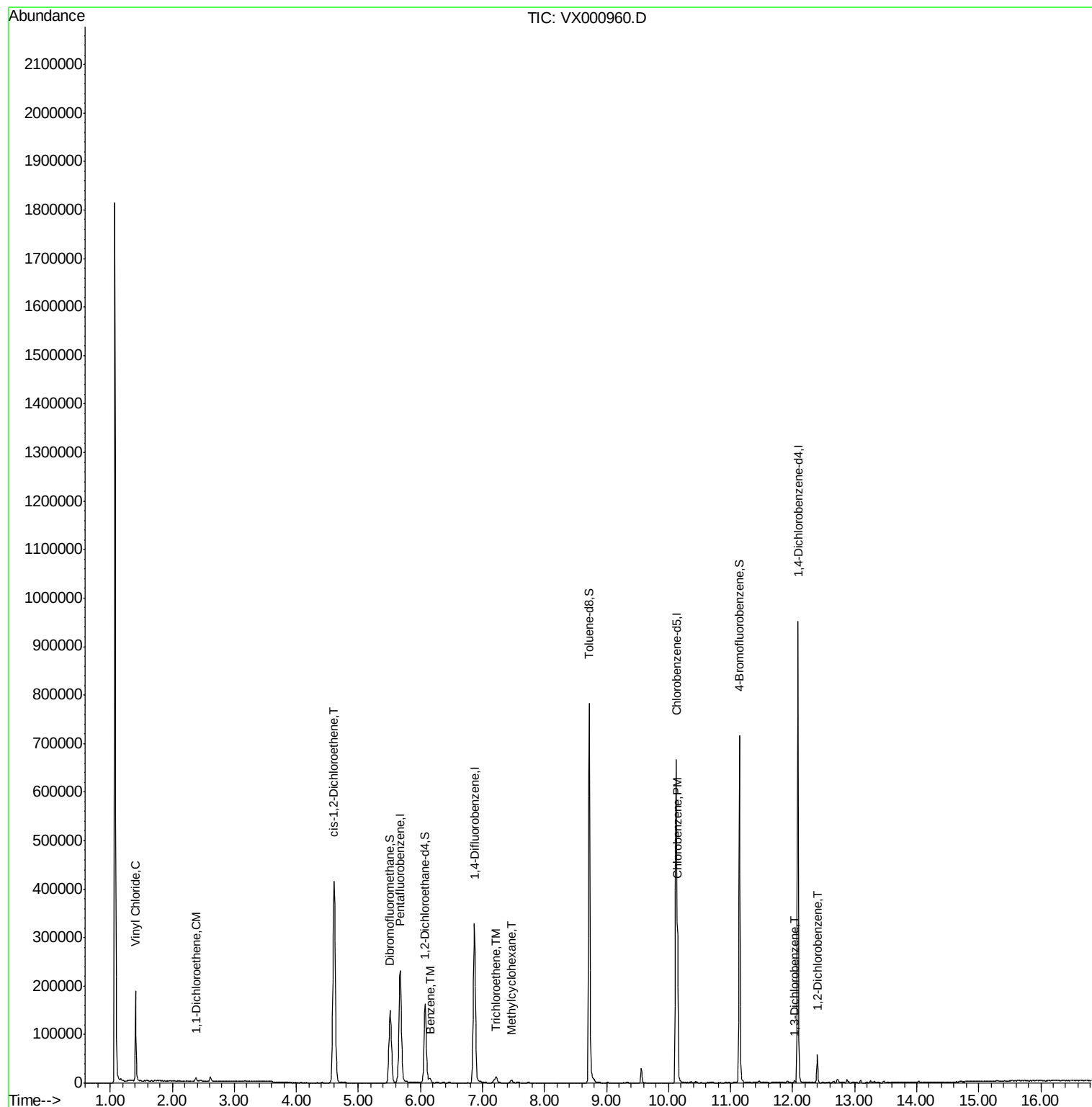
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
Data File : VX000960.D
Acq On : 17 Apr 2018 09:38
Operator : JC/MD
Sample : J2349-13
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 51 Sample Multiplier: 1

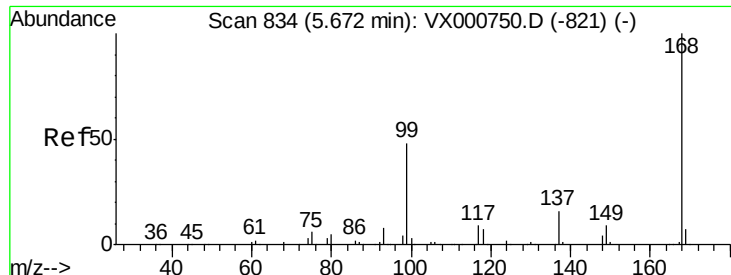
Instrument :
MSVOA_X
ClientSampleId :
LF012RW162-180411

Manual Integrations
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Quant Time: Apr 17 12:03:22 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration





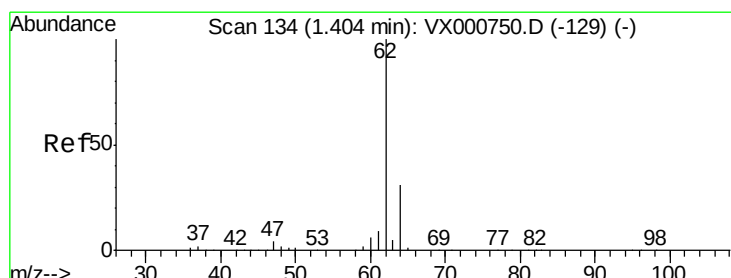
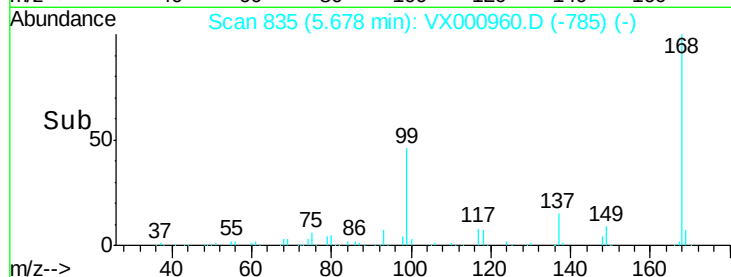
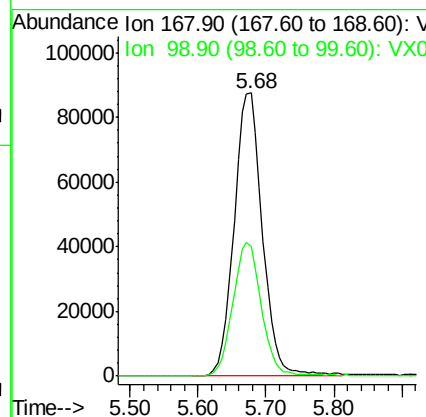
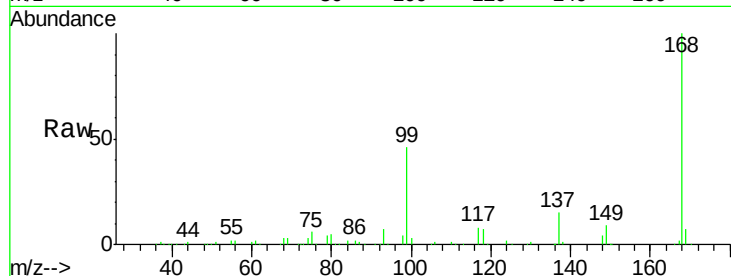
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. 0.01 min
Lab File: VX000960.D
Acq: 17 Apr 2018 09:38

Instrument :
MSVOA_X
ClientSampleId :
LF012RW162-180411

Tot Ion	Ratio	Lower	Upper
168	100		
99	46.0	38.3	57.5

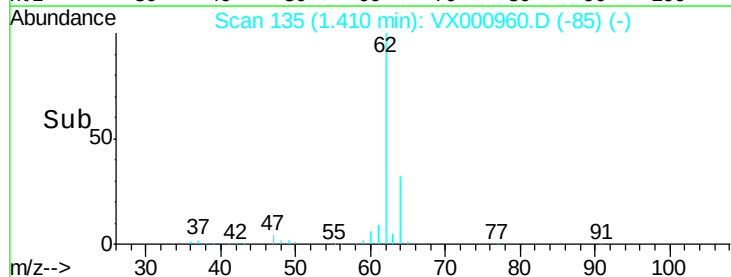
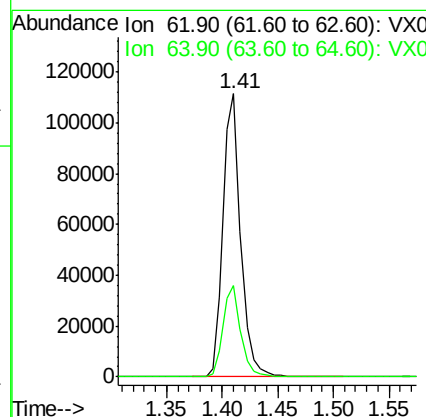
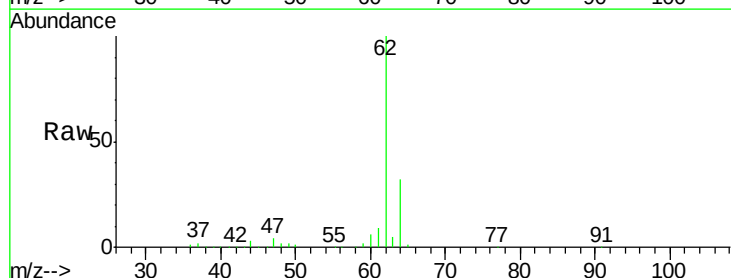
Manual Integrations
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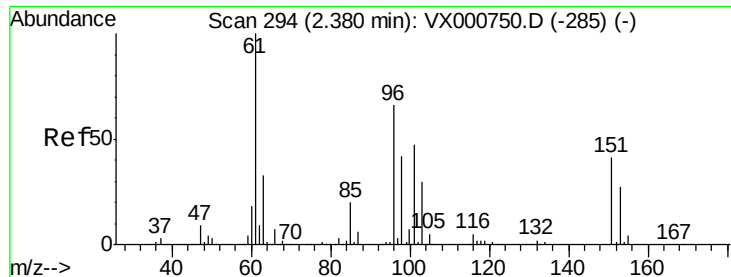
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#4
Vinyl Chloride
Concen: 44.41 ug/l
RT: 1.41 min Scan# 135
Delta R.T. 0.01 min
Lab File: VX000960.D
Acq: 17 Apr 2018 09:38

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.2	24.6	36.8





#12

1,1-Dichloroethene

Concen: 1.12 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX000960.D

Acq: 17 Apr 2018 09:38

Instrument :

MSVOA_X

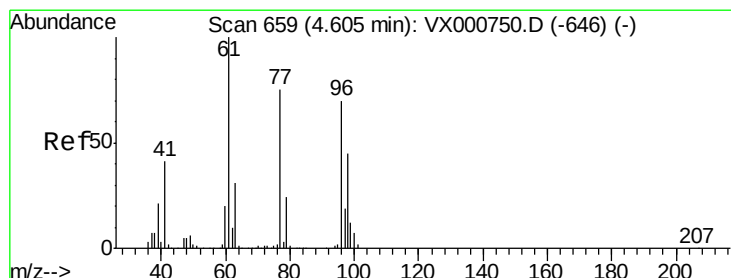
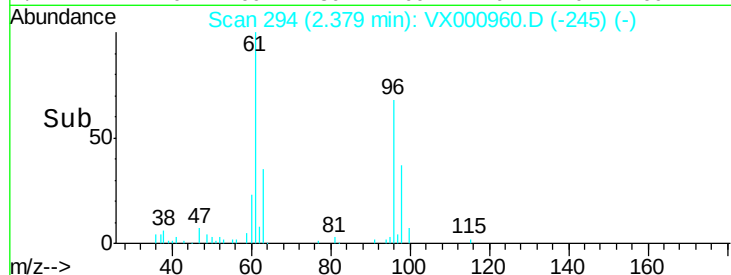
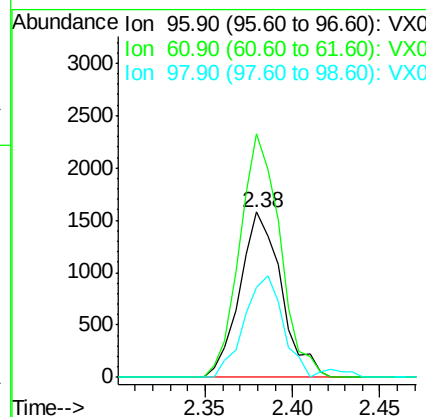
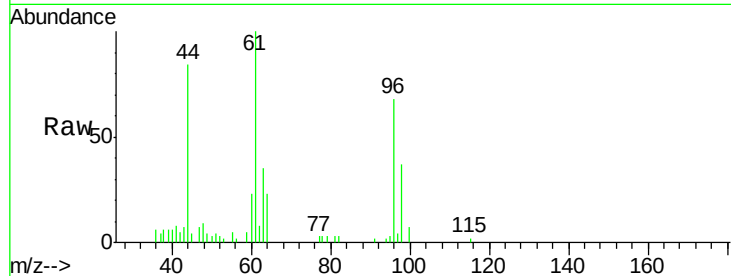
ClientSampleId :

LF012RW162-180411

Tot Ion:	96	Resp:	2608
Ion	Ratio	Lower	Upper
96	100		
61	147.5	120.5	180.7
98	54.8	50.9	76.3

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#27

cis-1,2-Dichloroethene

Concen: 93.43 ug/l

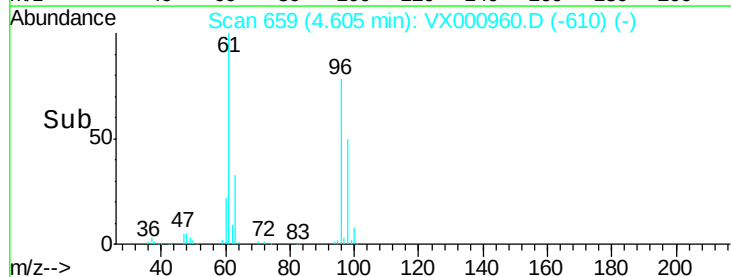
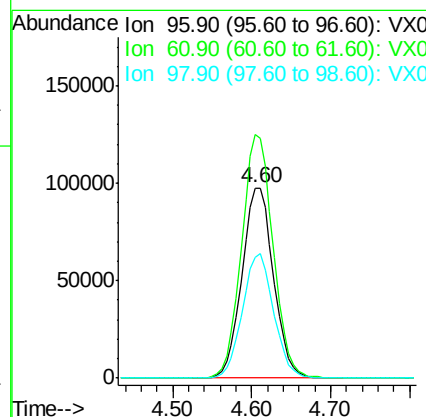
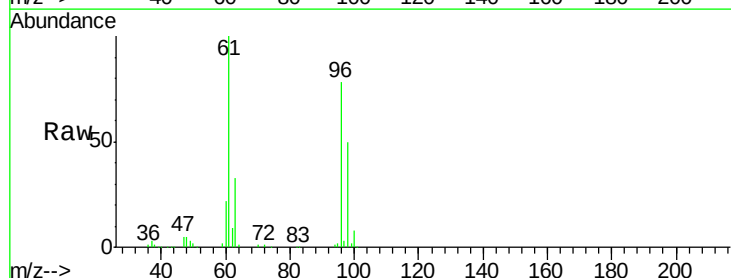
RT: 4.60 min Scan# 659

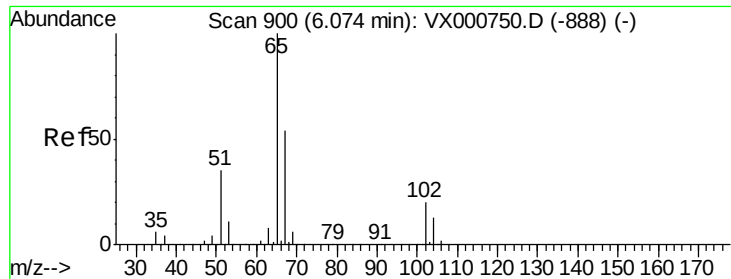
Delta R.T. -0.00 min

Lab File: VX000960.D

Acq: 17 Apr 2018 09:38

Tgt Ion:	96	Resp:	271722
Ion	Ratio	Lower	Upper
96	100		
61	127.7	0.0	292.4
98	64.7	0.0	130.2





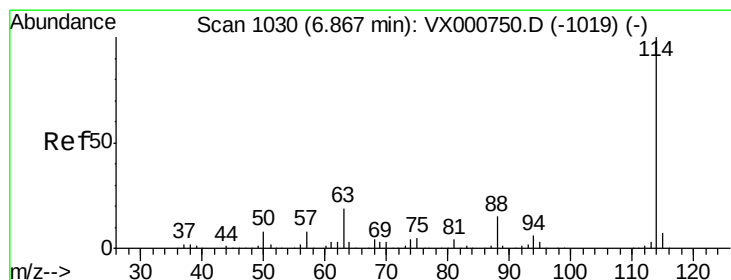
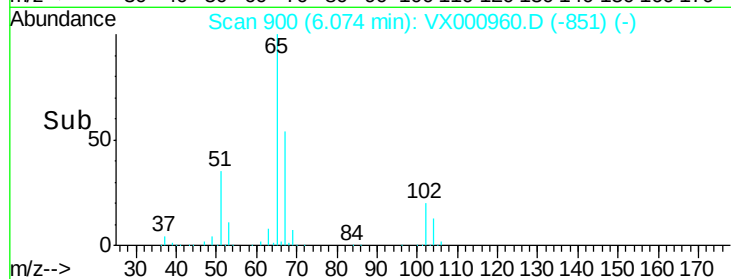
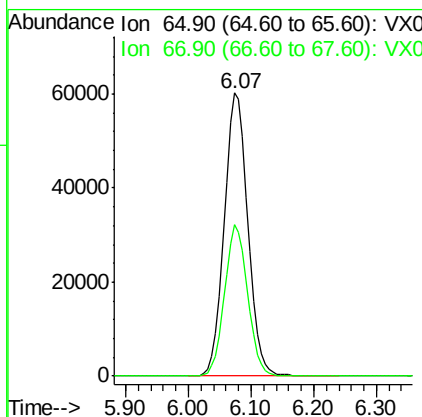
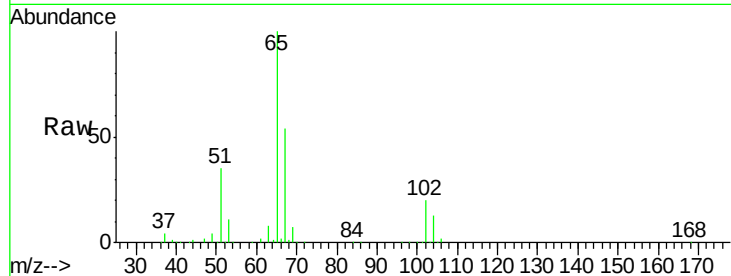
#33
 1,2-Dichloroethane-d4
 Concen: 49.04 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX000960.D
 Acq: 17 Apr 2018 09:38

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012RW162-180411

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.8

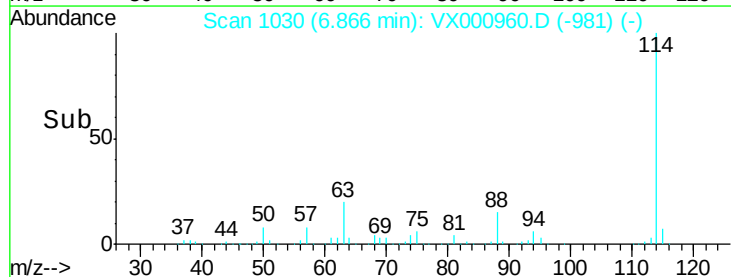
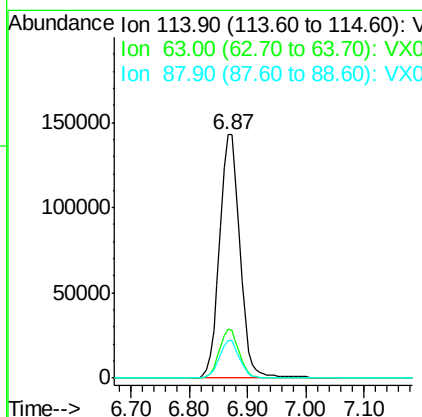
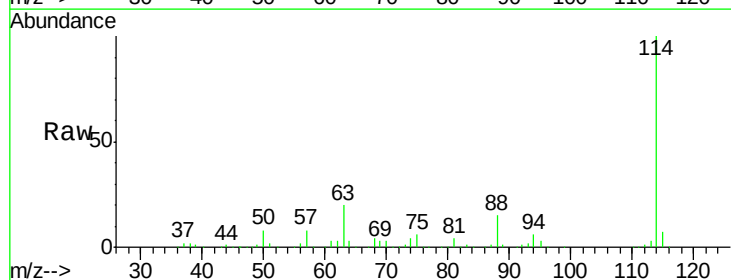
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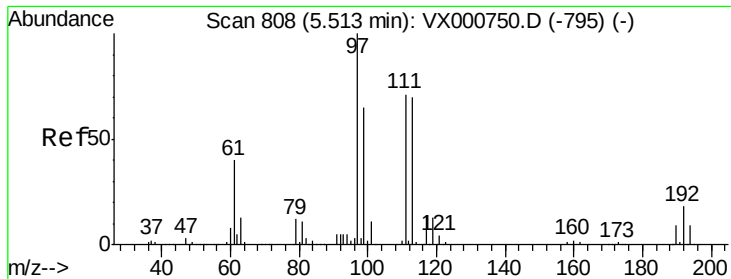
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX000960.D
 Acq: 17 Apr 2018 09:38

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	38.4
88	15.5	0.0	31.0





#35

Dibromofluoromethane

Concen: 45.93 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000960.D

Acq: 17 Apr 2018 09:38

Instrument :

MSVOA_X

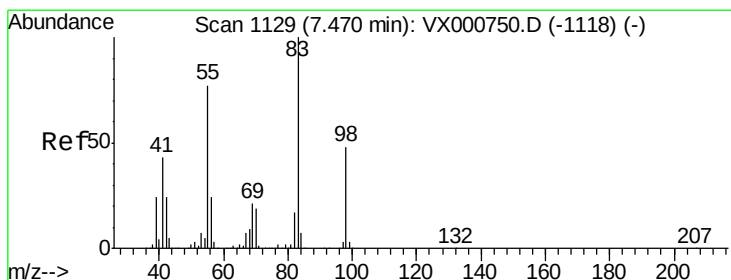
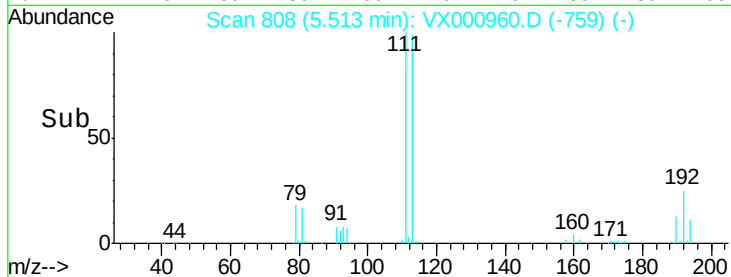
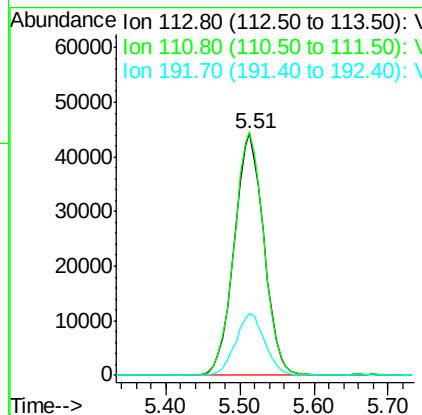
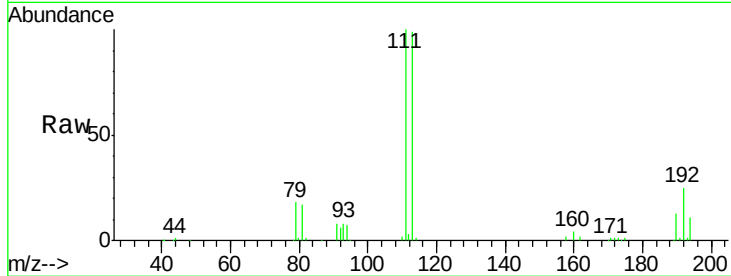
ClientSampleId :

LF012RW162-180411

Tot Ion:	113	Resp:	123563
Ion Ratio	Lower	Upper	
113	100		
111	100.8	81.5	122.3
192	25.3	20.4	30.6

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#39

Methylcyclohexane

Concen: 0.52 ug/l

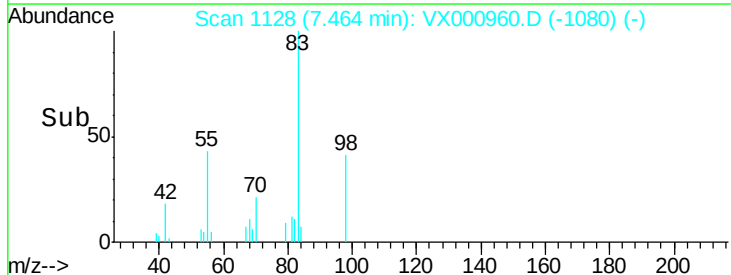
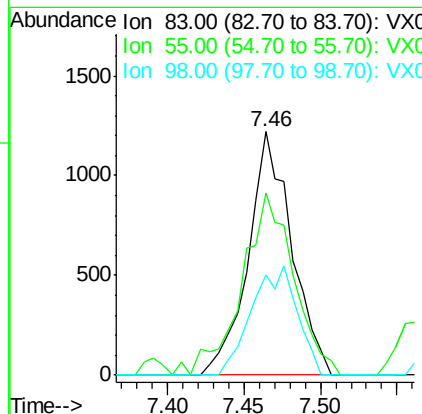
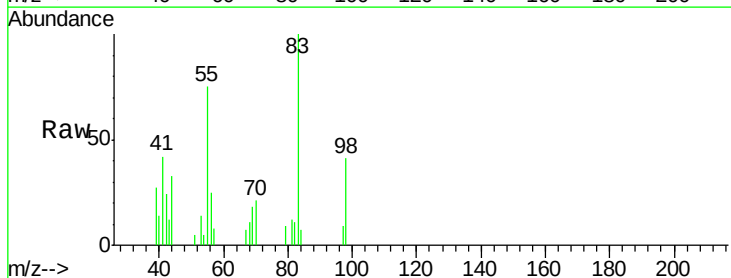
RT: 7.46 min Scan# 1128

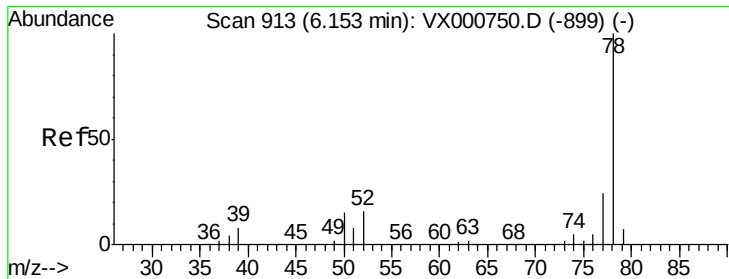
Delta R.T. -0.01 min

Lab File: VX000960.D

Acq: 17 Apr 2018 09:38

Tgt Ion:	83	Resp:	2409
Ion Ratio	Lower	Upper	
83	100		
55	74.9	61.5	92.3
98	41.0	38.1	57.1





#40

Benzene

Concen: 0.92 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX000960.D

Acq: 17 Apr 2018 09:38

Instrument :

MSVOA_X

ClientSampleId :

LF012RW162-180411

Tot Ion: 78 Resp: 9791

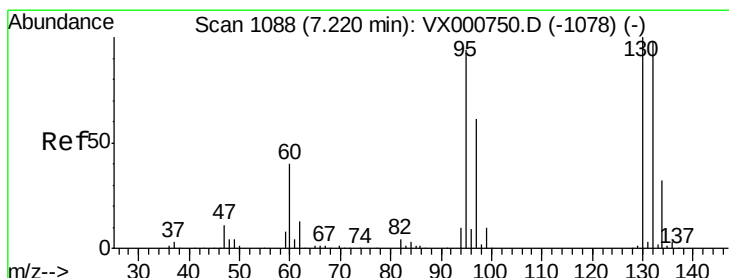
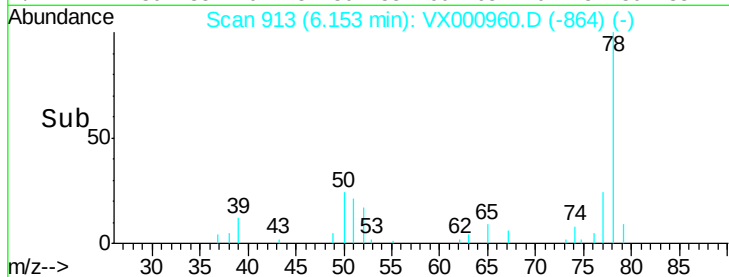
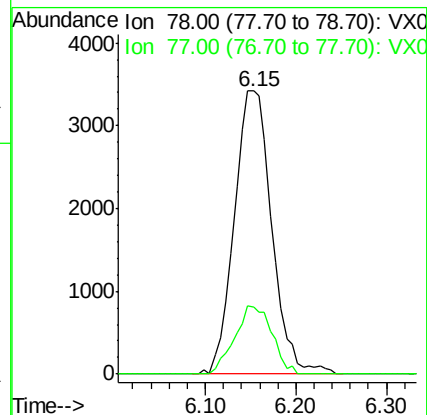
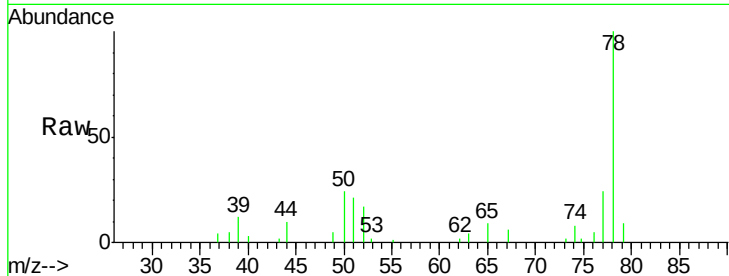
Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

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#44

Trichloroethene

Concen: 1.46 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX000960.D

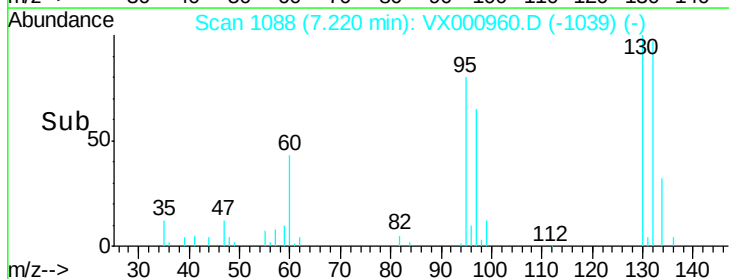
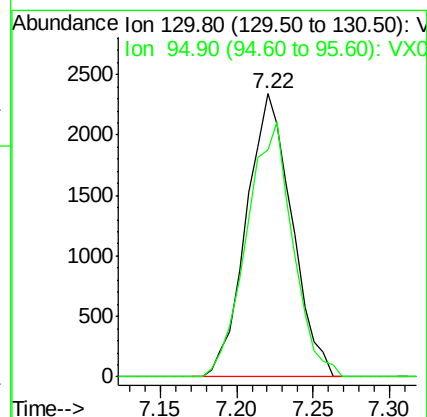
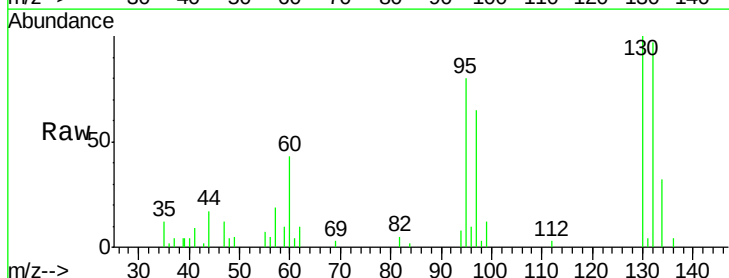
Acq: 17 Apr 2018 09:38

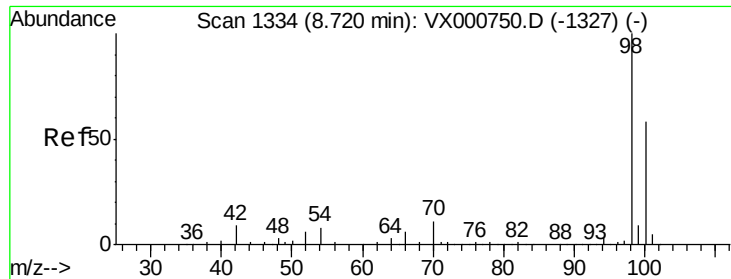
Tgt Ion: 130 Resp: 4844

Ion Ratio Lower Upper

130 100

95 80.4 0.0 187.0





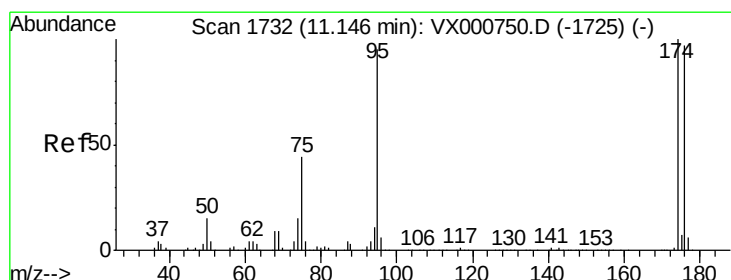
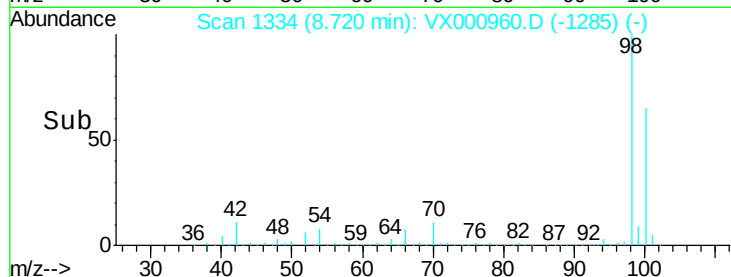
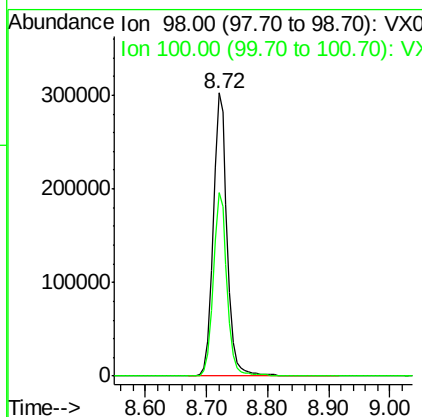
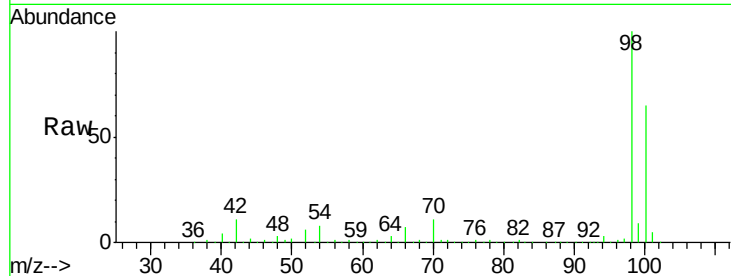
#50
Toluene-d8
Concen: 48.73 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX000960.D
Acq: 17 Apr 2018 09:38

Instrument :
MSVOA_X
ClientSampleId :
LF012RW162-180411

Tot Ion: 98 Resp: 488099
Ion Ratio Lower Upper
98 100
100 64.1 52.6 79.0

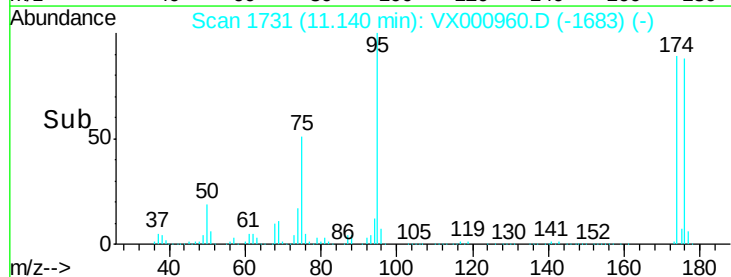
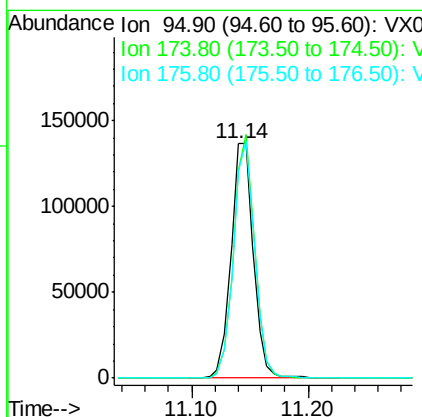
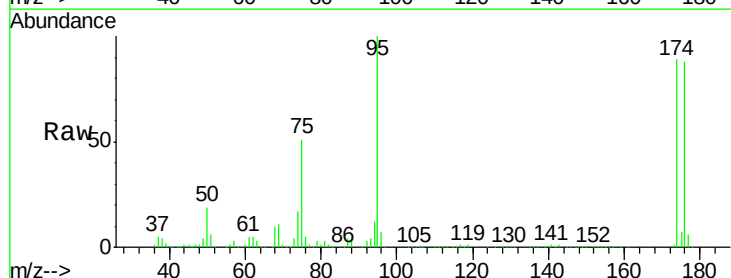
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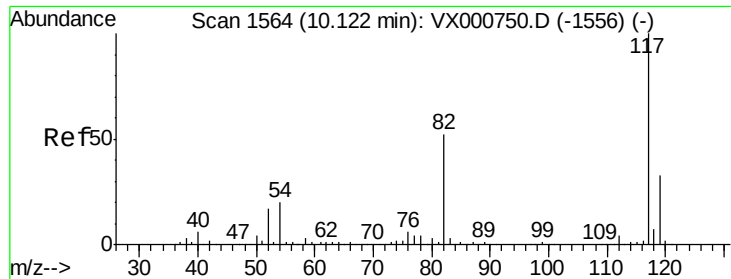
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4/18/2018 2:45:13 PM



#62
4-Bromofluorobenzene
Concen: 44.24 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.01 min
Lab File: VX000960.D
Acq: 17 Apr 2018 09:38

Tgt Ion: 95 Resp: 183330
Ion Ratio Lower Upper
95 100
174 97.7 0.0 198.4
176 95.8 0.0 194.4





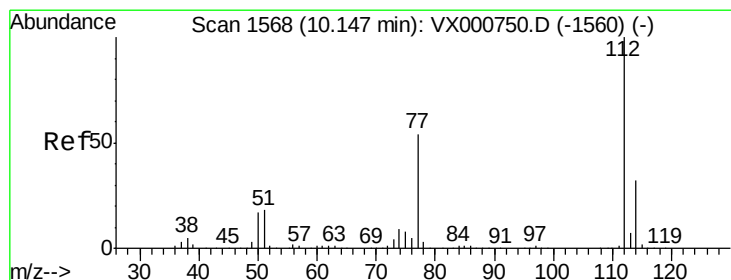
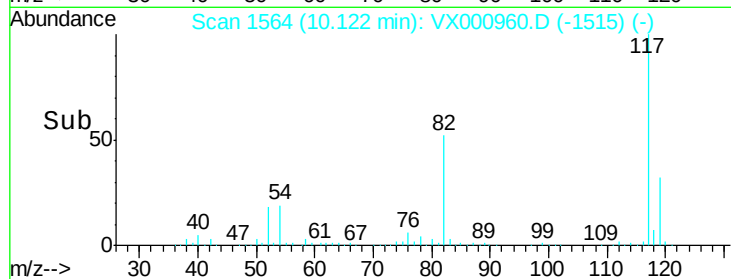
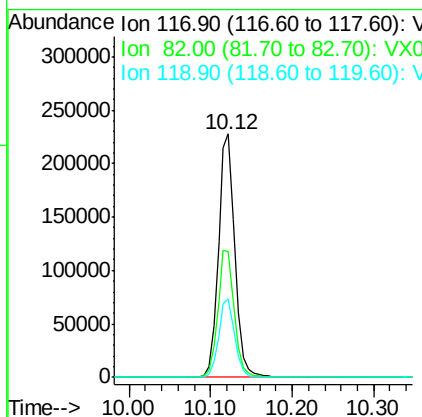
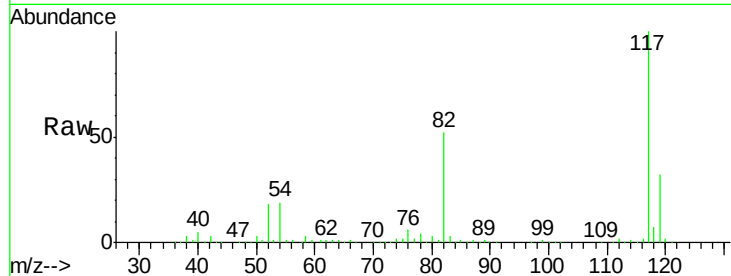
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000960.D
Acq: 17 Apr 2018 09:38

Instrument :
MSVOA_X
ClientSampleId :
LF012RW162-180411

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.9	62.9
119	32.4	26.0	39.0

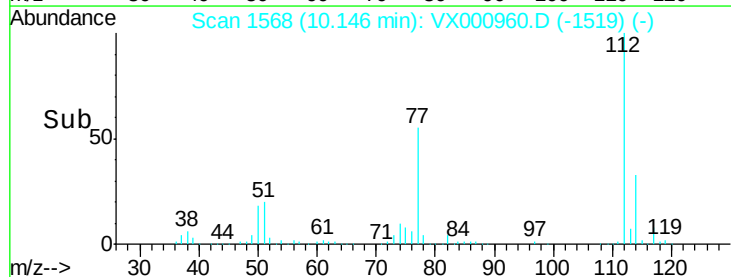
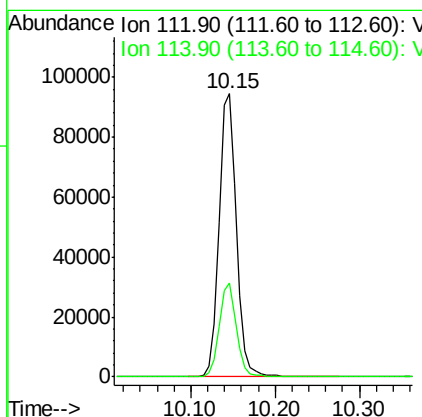
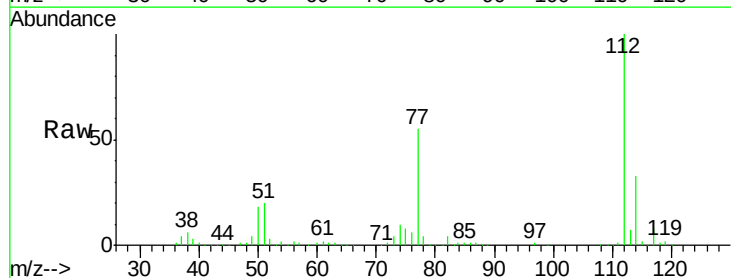
Manual Integrations
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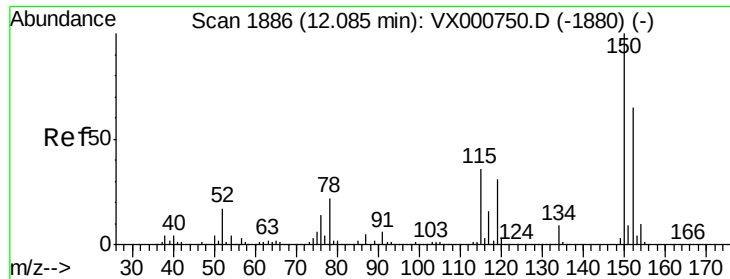
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#65
Chlorobenzene
Concen: 16.68 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000960.D
Acq: 17 Apr 2018 09:38

Tgt Ion	Ratio	Lower	Upper
112	100		
114	33.1	25.8	38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000960.D

Acq: 17 Apr 2018 09:38

Instrument :

MSVOA_X

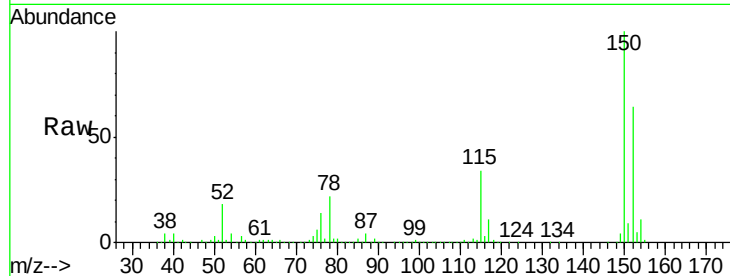
ClientSampleId :

LF012RW162-180411

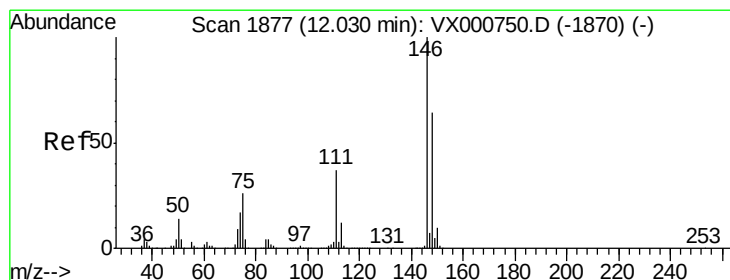
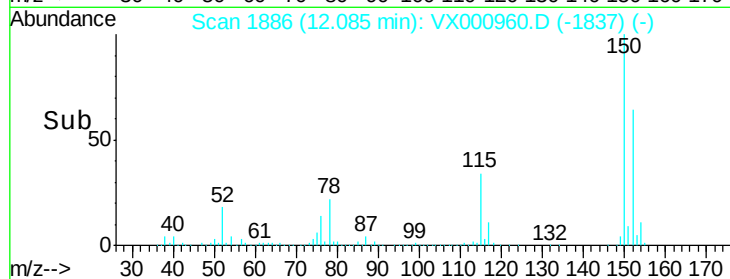
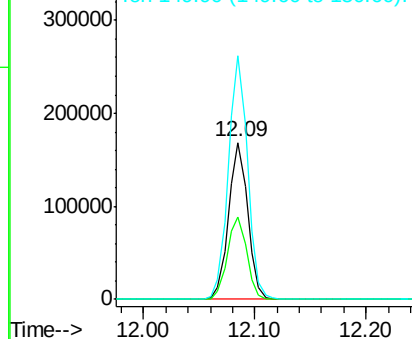
Tot Ion:	152	Resp:	199785
Ion Ratio	Lower	Upper	
152	100		
115	53.5	37.9	113.7
150	156.3	0.0	348.0

Manual Integrations
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4/18/2018 2:45:13 PM



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



#87

1,3-Dichlorobenzene

Concen: 0.22 ug/l

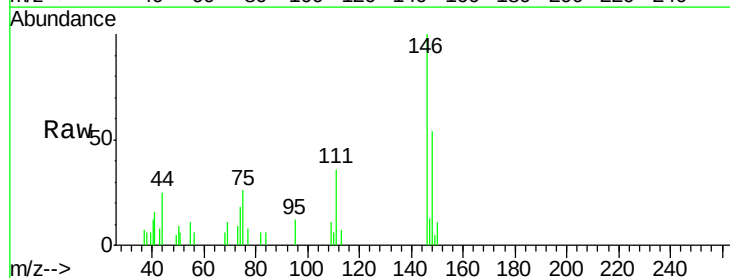
RT: 12.04 min Scan# 1878

Delta R.T. 0.01 min

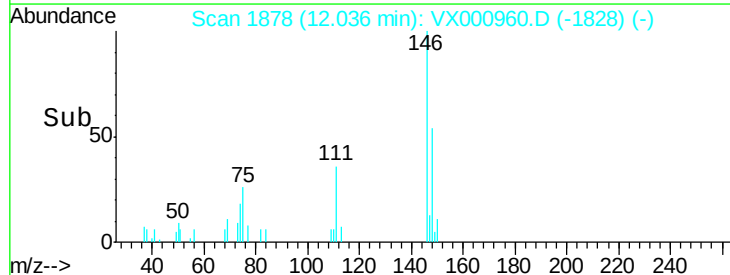
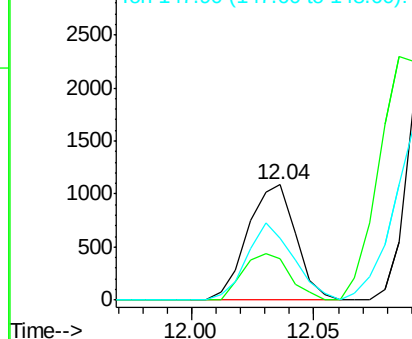
Lab File: VX000960.D

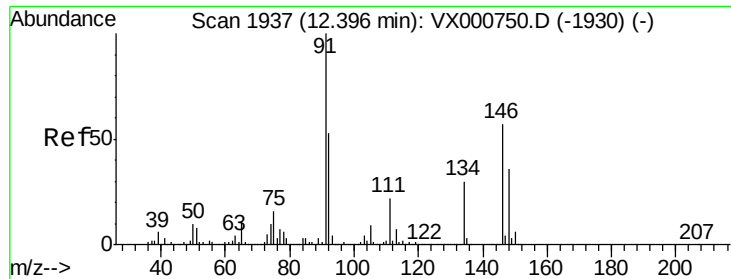
Acq: 17 Apr 2018 09:38

Tgt Ion:	146	Resp:	1497
Ion Ratio	Lower	Upper	
146	100		
111	39.0	18.3	54.8
148	64.3	32.2	96.6



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





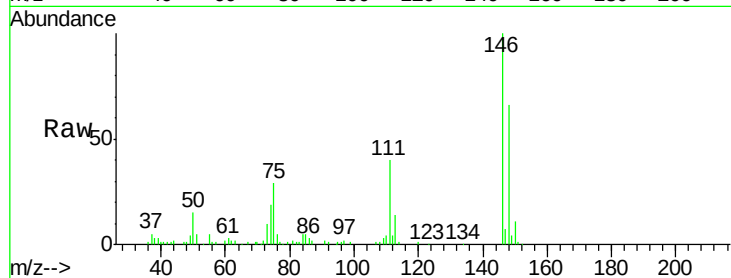
#91
 1,2-Dichlorobenzene
 Concen: 2.78 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000960.D
 Acq: 17 Apr 2018 09:38

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012RW162-180411

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	18.9	56.7
148	63.8	32.0	96.2

Manual Integrations
 APPROVED

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 4/18/2018 2:45:13 PM



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

