

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002937.D
 Acq On : 27 Jun 2018 15:37
 Operator : JC/MD
 Sample : J3707-03 25X
 Misc : 5.64g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB488-25-27-180622

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 4:47:55 PM

Quant Time: Jul 06 17:26:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	272624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	381651	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	358205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	214240	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	181636	48.20	ug/l	0.00
Spiked Amount			Recovery	=	96.40%	
35) Dibromofluoromethane	5.51	113	142846	47.26	ug/l	0.00
Spiked Amount			Recovery	=	94.52%	
50) Toluene-d8	8.72	98	541041	49.02	ug/l	0.00
Spiked Amount			Recovery	=	98.04%	
62) 4-Bromofluorobenzene	11.14	95	200464	47.10	ug/l	0.00
Spiked Amount			Recovery	=	94.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	24905	8.08	ug/l	92
12) 1,1-Dichloroethene	2.37	96	1623	0.60	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	2702	0.92	ug/l	87
27) cis-1,2-Dichloroethene	4.60	96	318589	97.03	ug/l	83
39) Methylcyclohexane	7.47	83	3585	0.74	ug/l	98
44) Trichloroethene	7.22	130	3971	1.10	ug/l	99
52) Toluene	8.79	92	30844	3.96	ug/l	99
68) m/p-Xylenes	10.36	106	5090	0.88	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	11394	0.94	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	27005	2.15	ug/l	95
85) sec-Butylbenzene	11.95	105	4351	0.30	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	3516m	0.46	ug/l	
89) n-Butylbenzene	12.39	91	10085	0.89	ug/l #	46
91) 1,2-Dichlorobenzene	12.40	146	7393	0.98	ug/l	98
95) Naphthalene	13.83	128	18358	1.25	ug/l	97

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

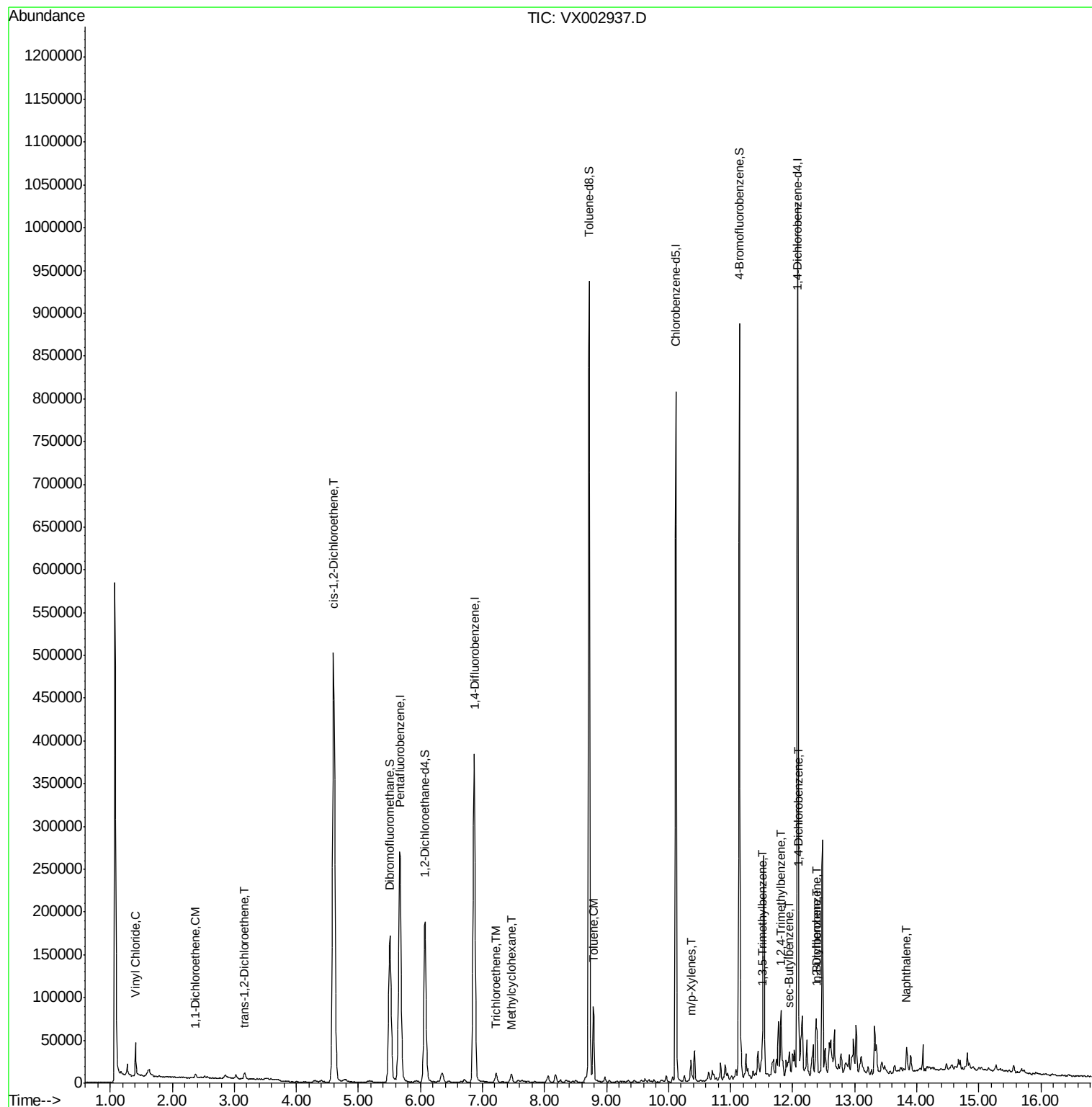
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062718\
Data File : VX002937.D
Acq On : 27 Jun 2018 15:37
Operator : JC/MD
Sample : J3707-03 25X
Misc : 5.64µ/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

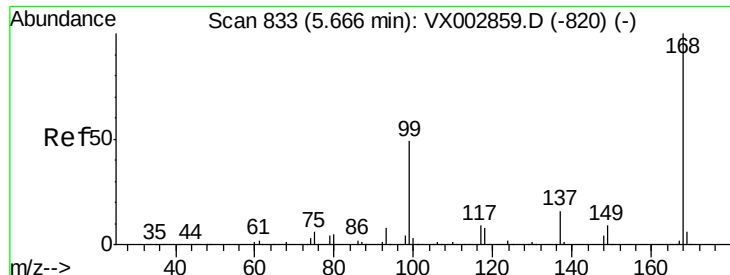
Instrument :
MSVOA_X
ClientSampleId :
WP021SB488-25-27-180622

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Quant Time: Jul 06 17:26:13 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002937.D

Acq: 27 Jun 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

WP021SB488-25-27-180622

Tot Ion:168 Resp: 272624

Ion Ratio Lower Upper

168 100

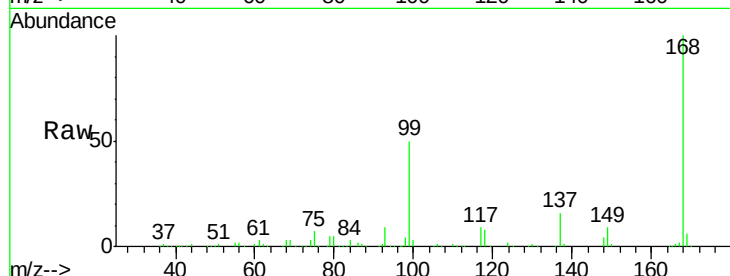
99 50.2 39.3 58.9

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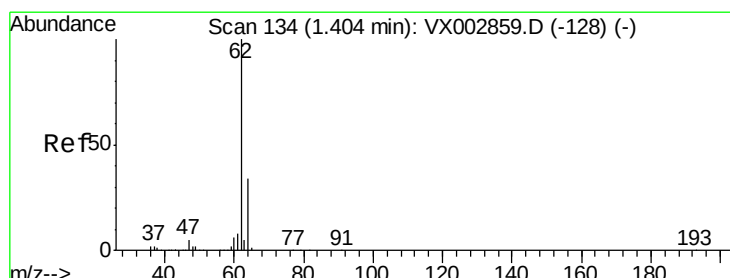
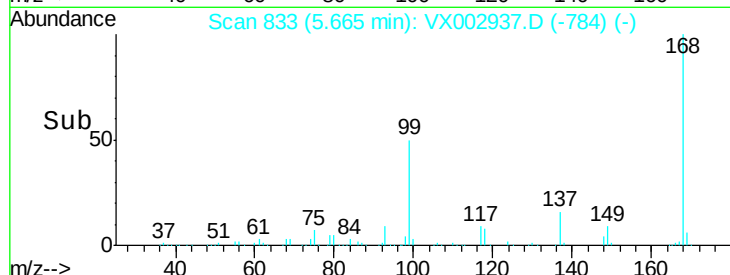
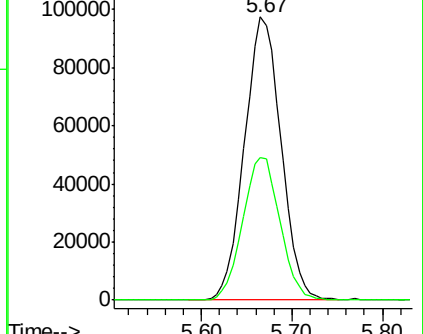
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 8.08 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002937.D

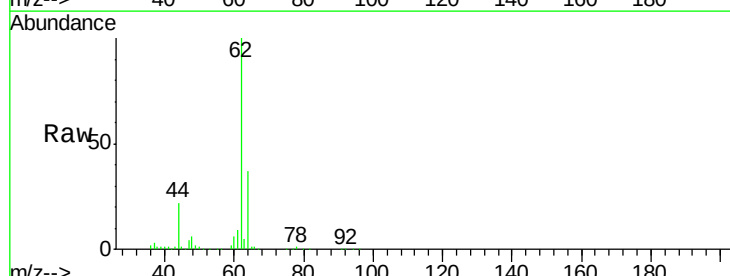
Acq: 27 Jun 2018 15:37

Tgt Ion: 62 Resp: 24905

Ion Ratio Lower Upper

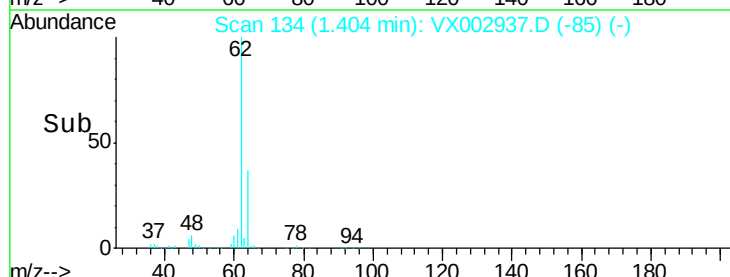
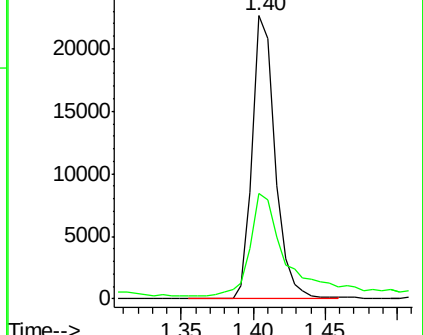
62 100

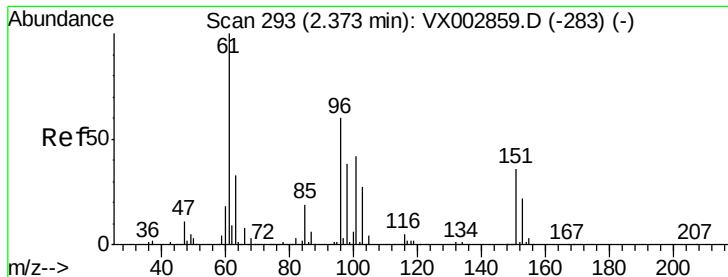
64 36.2 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#12

1,1-Dichloroethene

Concen: 0.60 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX002937.D

Acq: 27 Jun 2018 15:37

Instrument :

MSVOA_X

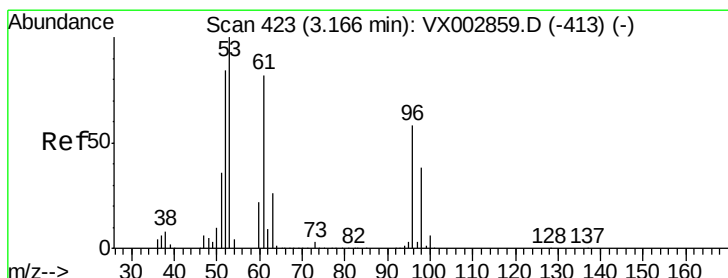
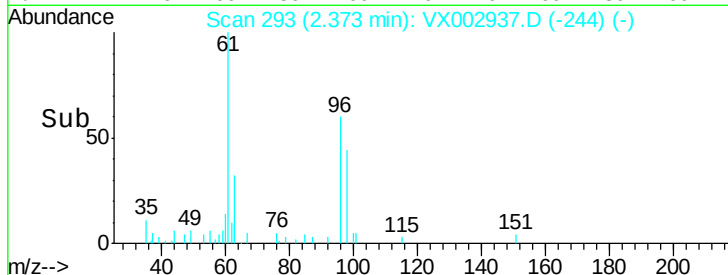
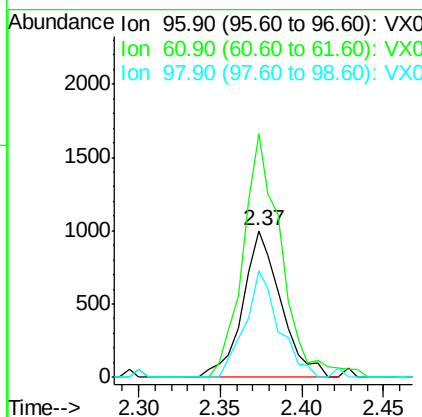
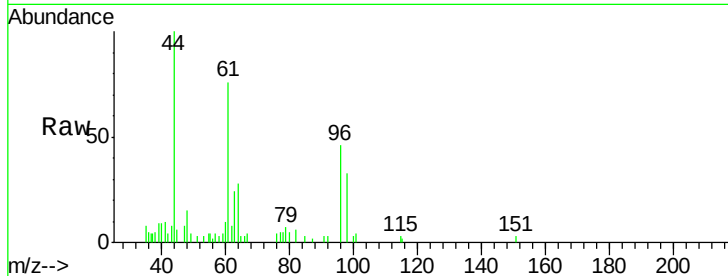
ClientSampleId :

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Tot Ion:	96	Resp:	1623
Ion	Ratio	Lower	Upper
96	100		
61	166.4	137.9	206.9
98	72.5	51.6	77.4

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#21

trans-1,2-Dichloroethene

Concen: 0.92 ug/l

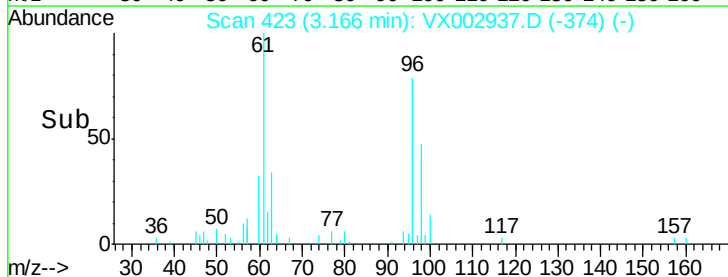
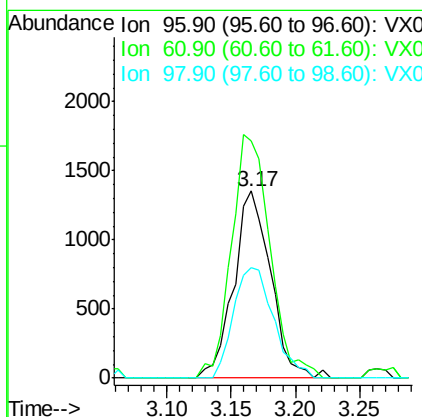
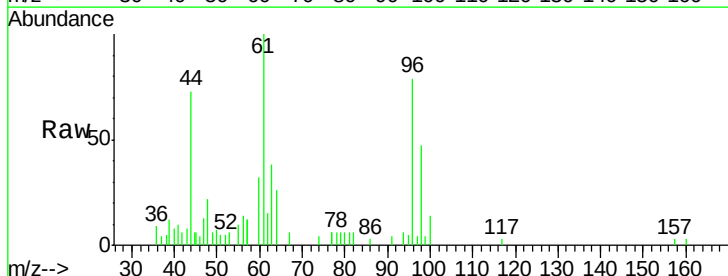
RT: 3.17 min Scan# 423

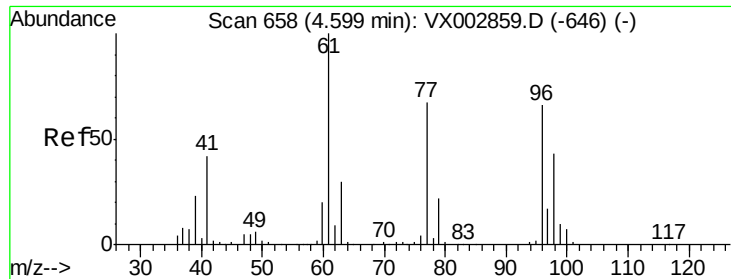
Delta R.T. -0.00 min

Lab File: VX002937.D

Acq: 27 Jun 2018 15:37

Tgt Ion:	96	Resp:	2702
Ion	Ratio	Lower	Upper
96	100		
61	126.8	117.0	175.4
98	59.2	52.4	78.6





#27

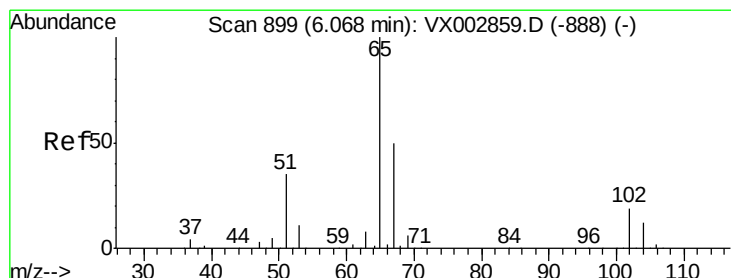
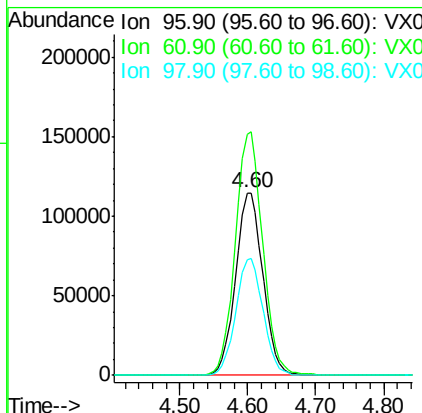
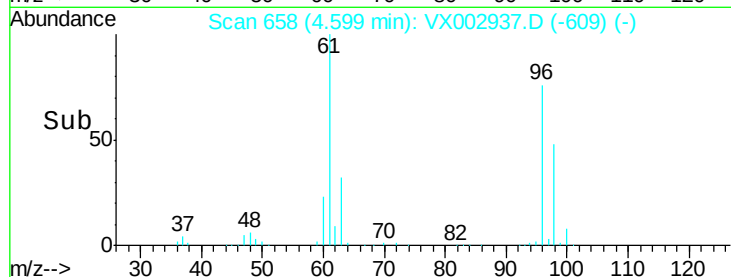
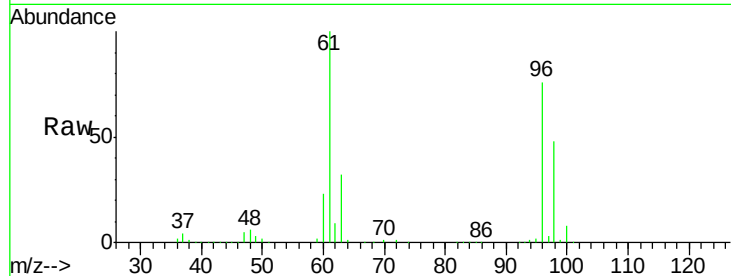
cis-1,2-Dichloroethene
 Concen: 97.03 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: VX002937.D
 Acq: 27 Jun 2018 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB488-25-27-180622

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	134.5	0.0	330.2	
98	64.2	0.0	130.2	

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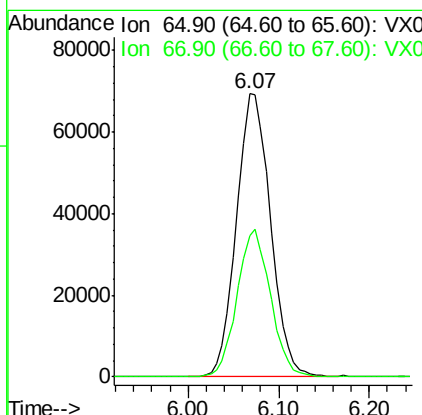
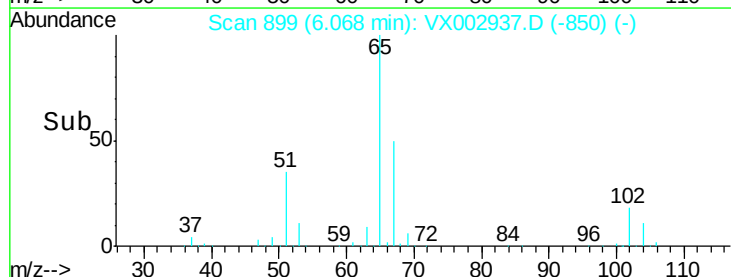
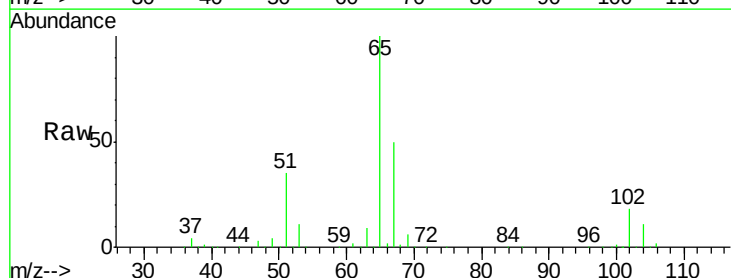
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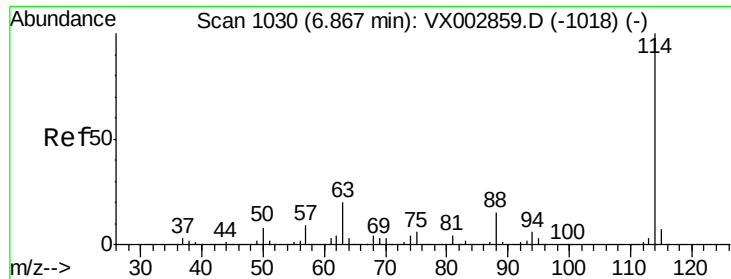


#33

1,2-Dichloroethane-d4
 Concen: 48.20 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX002937.D
 Acq: 27 Jun 2018 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.0	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: VX002937.D

Acq: 27 Jun 2018 15:37

Instrument :

MSVOA_X

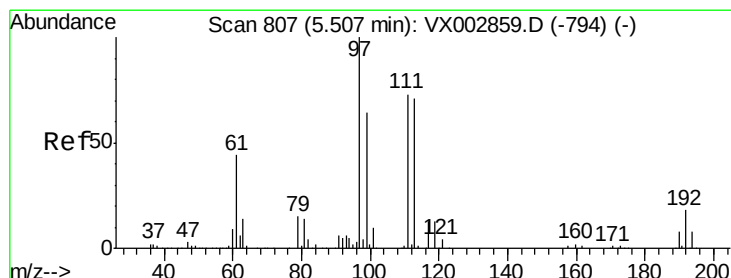
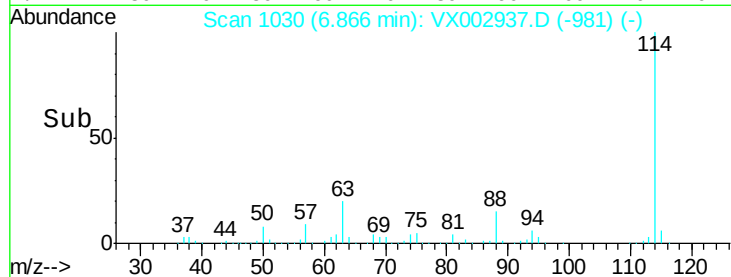
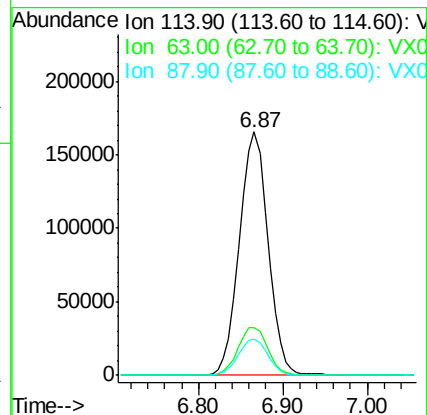
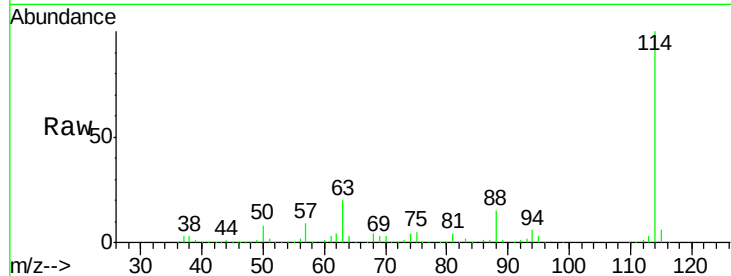
ClientSampleId :

WP021SB488-25-27-180622

Tot Ion:	114	Resp:	381651
Ion Ratio	Lower	Upper	
114	100		
63	19.8	0.0	41.4
88	15.1	0.0	30.0

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#35

Dibromofluoromethane

Concen: 47.26 ug/l

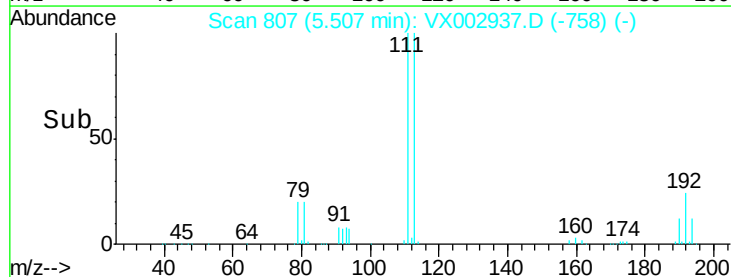
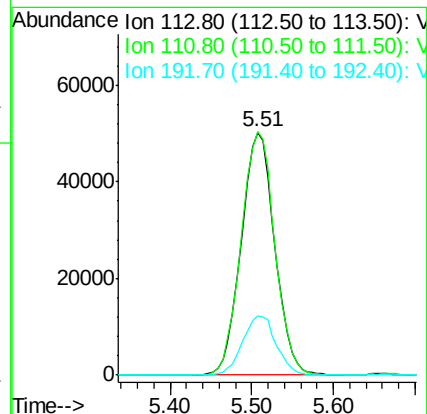
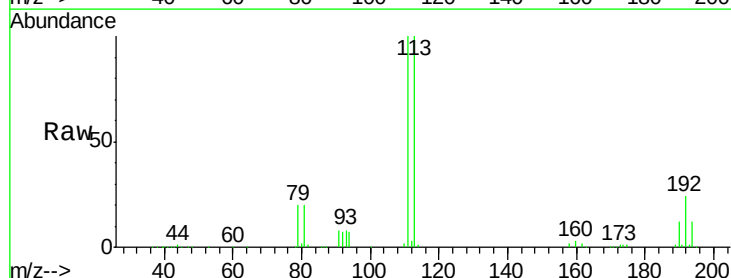
RT: 5.51 min Scan# 807

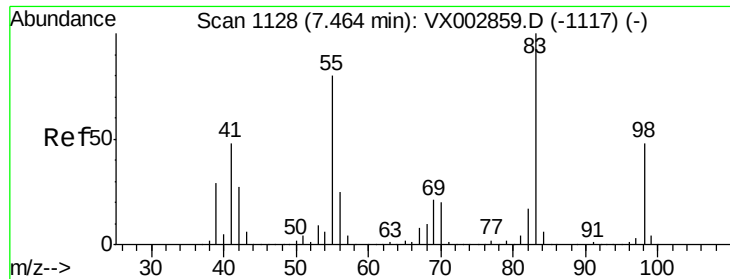
Delta R.T. -0.00 min

Lab File: VX002937.D

Acq: 27 Jun 2018 15:37

Tgt Ion:	113	Resp:	142846
Ion Ratio	Lower	Upper	
113	100		
111	101.4	81.4	122.0
192	24.4	19.1	28.7





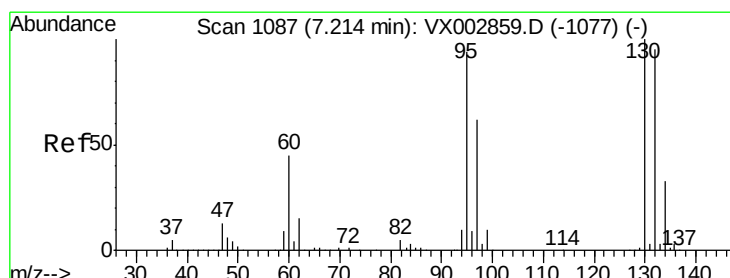
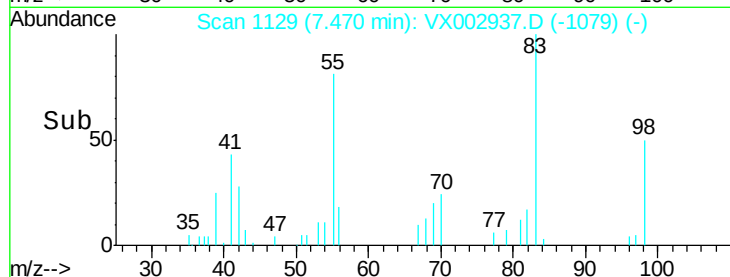
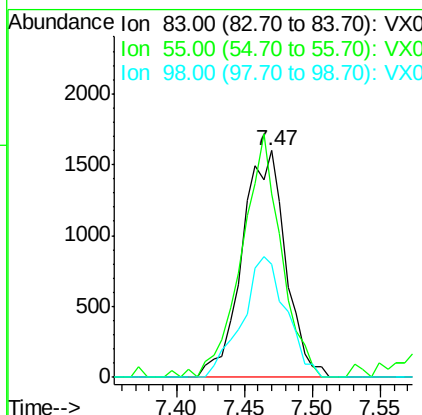
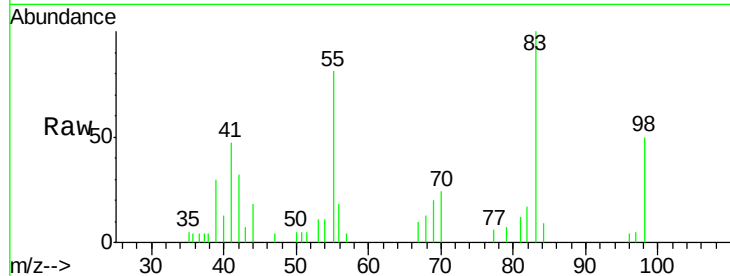
#39
Methylvlcyclohexane
Concen: 0.74 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX002937.D
Acq: 27 Jun 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
83	100		
55	81.1	65.4	98.0
98	49.7	37.4	56.0

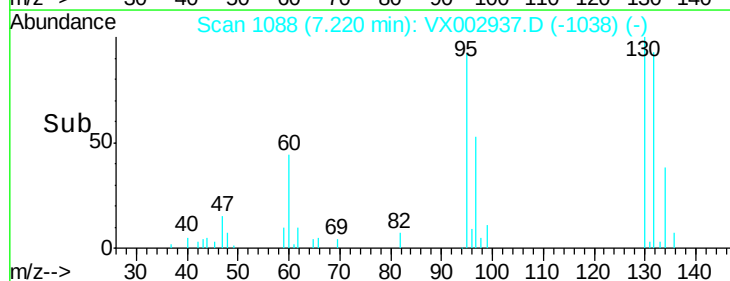
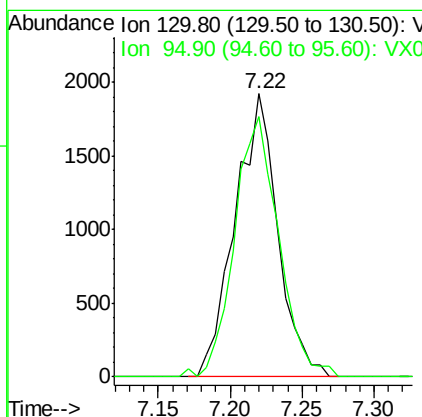
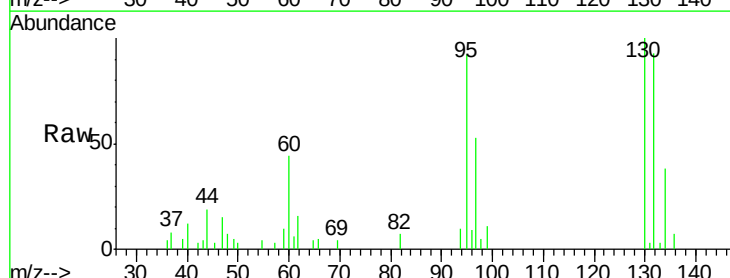
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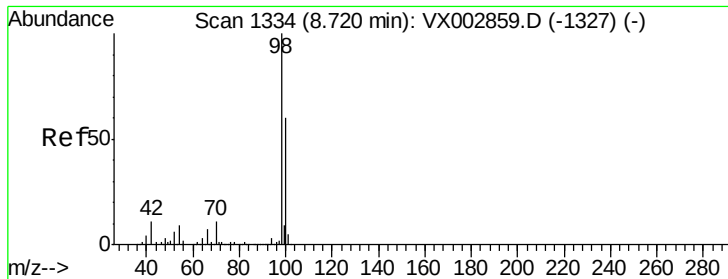
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#44
Trichloroethene
Concen: 1.10 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX002937.D
Acq: 27 Jun 2018 15:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	185.4





#50

Toluene-d8

Concen: 49.02 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002937.D

Acq: 27 Jun 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

WP021SB488-25-27-180622

Tot Ion: 98 Resp: 541041

Ion Ratio Lower Upper

98 100

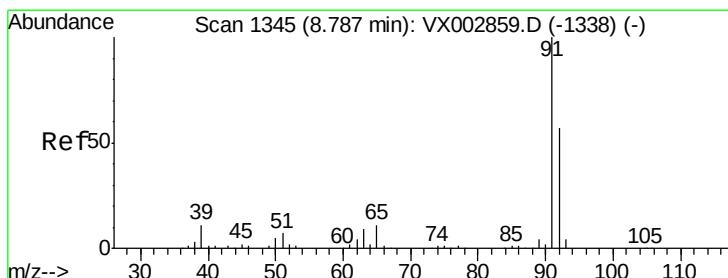
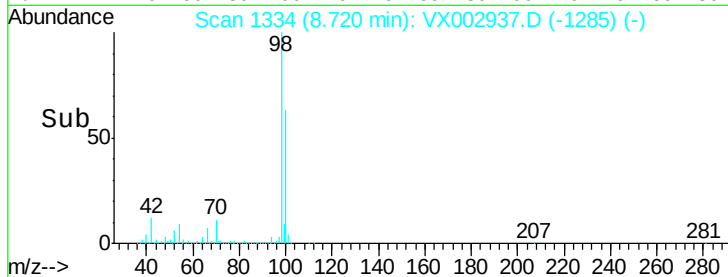
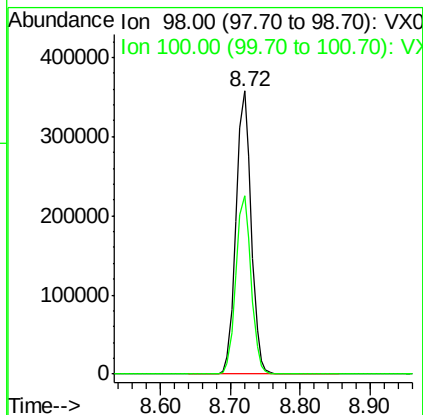
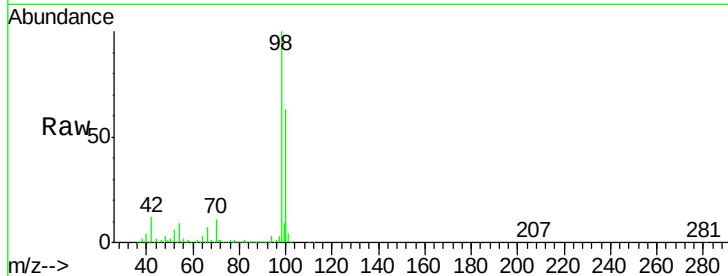
100 63.3 50.9 76.3

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#52

Toluene

Concen: 3.96 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002937.D

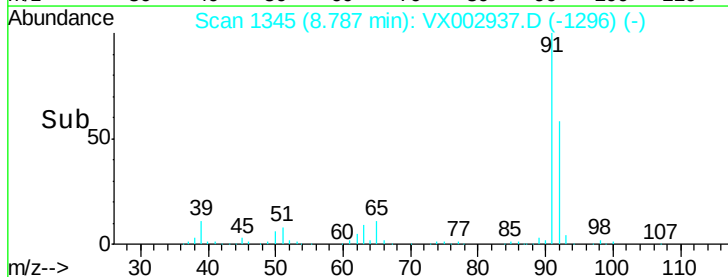
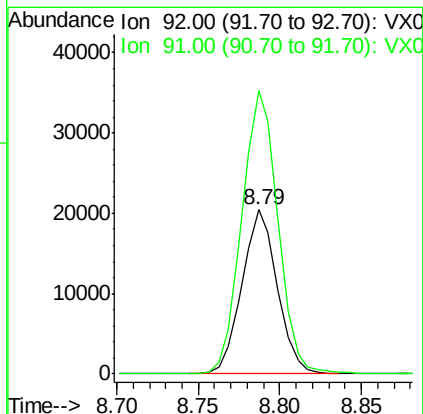
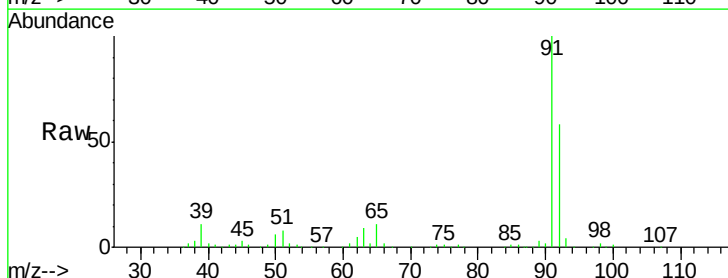
Acq: 27 Jun 2018 15:37

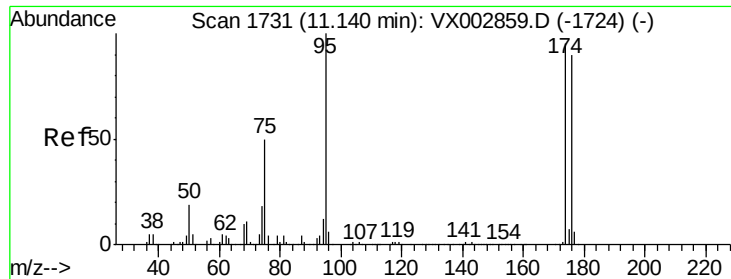
Tgt Ion: 92 Resp: 30844

Ion Ratio Lower Upper

92 100

91 176.4 140.4 210.6





#62

4-Bromofluorobenzene

Concen: 47.10 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002937.D

Acq: 27 Jun 2018 15:37

Instrument :

MSVOA_X

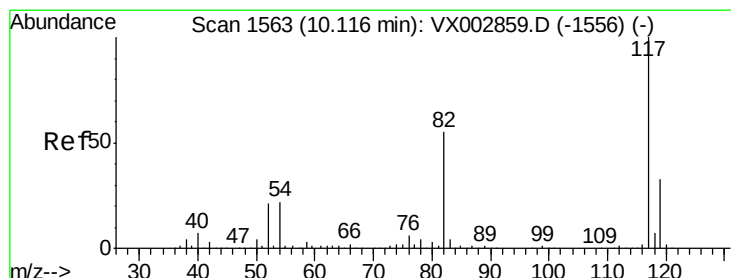
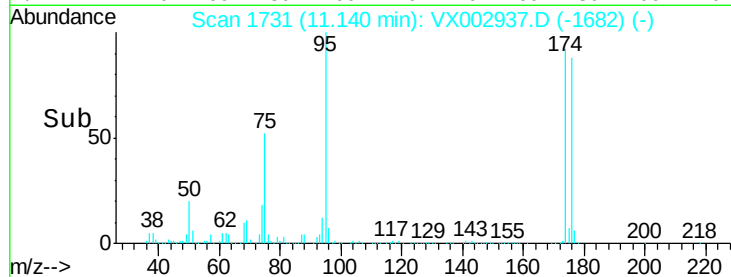
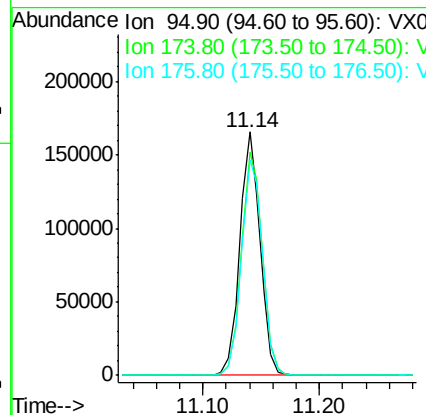
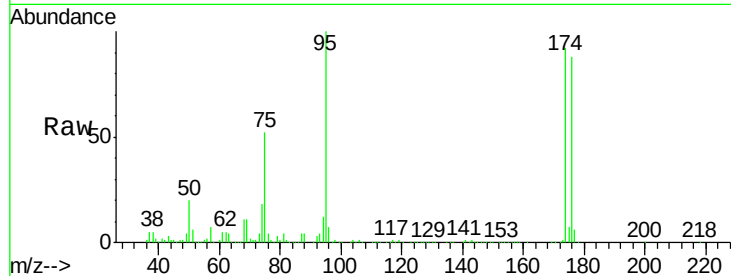
ClientSampleId :

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Tot Ion:	95	Resp:	200464
Ion Ratio	Lower	Upper	
95	100		
174	95.1	0.0	187.4
176	91.8	0.0	181.0

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

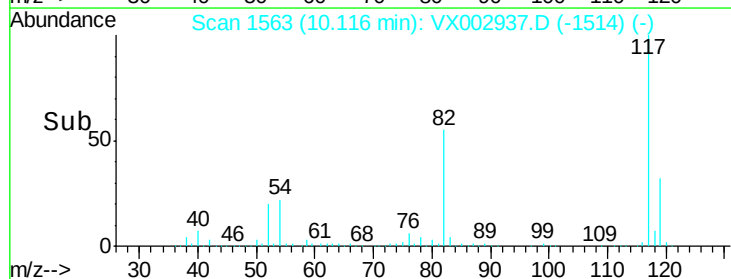
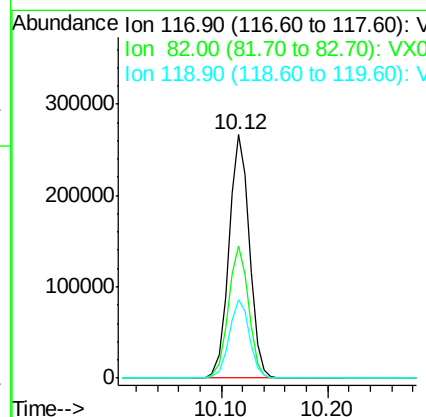
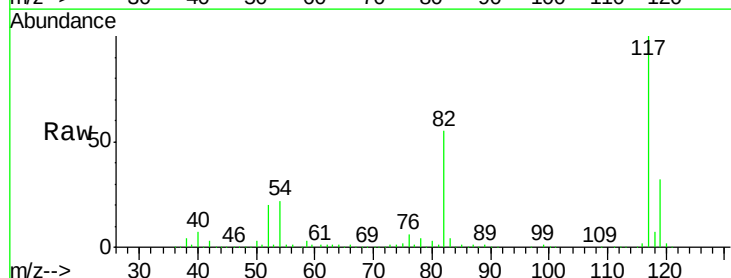
RT: 10.12 min Scan# 1563

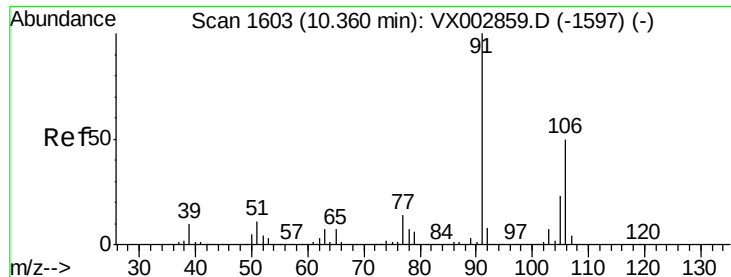
Delta R.T. -0.00 min

Lab File: VX002937.D

Acq: 27 Jun 2018 15:37

Tgt Ion:	117	Resp:	358205
Ion Ratio	Lower	Upper	
117	100		
82	54.6	45.0	67.4
119	32.0	25.8	38.6





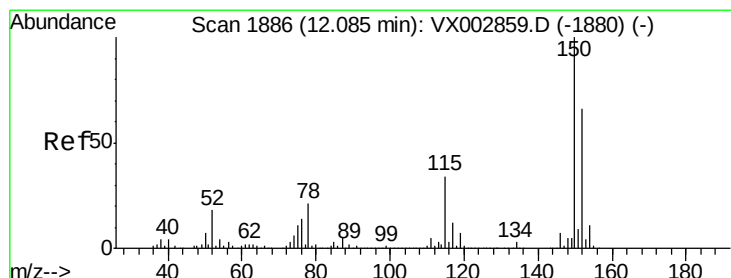
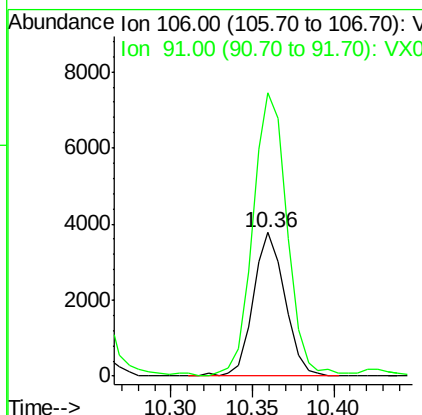
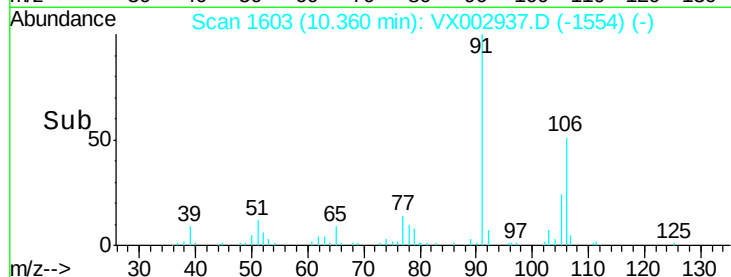
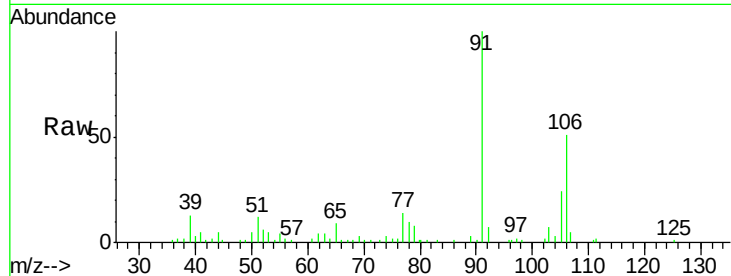
#68
m/p-Xvlenes
Concen: 0.88 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002937.D
Acq: 27 Jun 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
WP021SB488-25-27-180622

Tot Ion:106 Resp: 5090
Ion Ratio Lower Upper
106 100
91 213.4 163.4 245.2

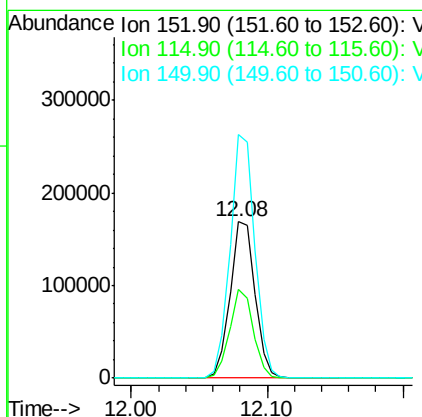
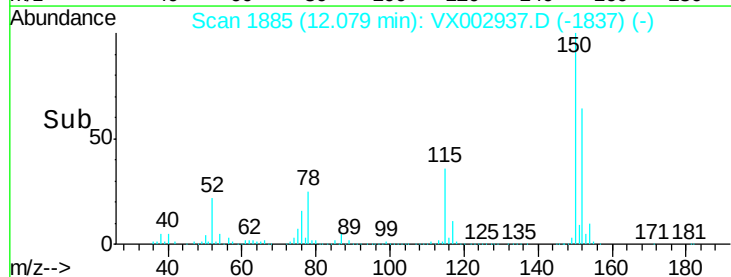
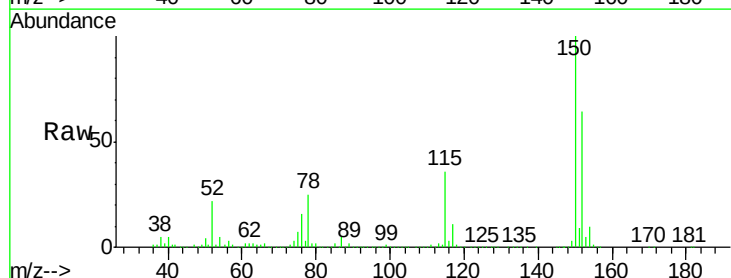
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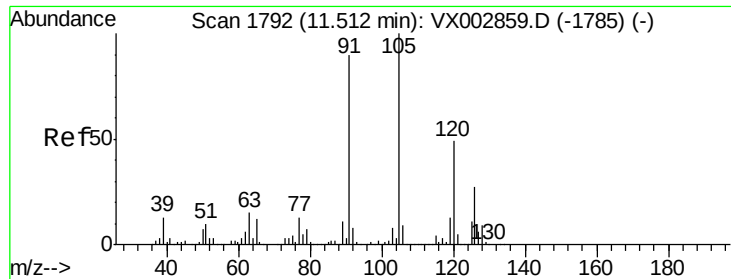
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002937.D
Acq: 27 Jun 2018 15:37

Tgt Ion:152 Resp: 214240
Ion Ratio Lower Upper
152 100
115 53.9 40.1 120.2
150 155.4 0.0 347.2





#80

1,3,5-Trimethylbenzene

Concen: 0.94 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002937.D

Acq: 27 Jun 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

WP021SB488-25-27-180622

Tot Ion:105 Resp: 11394

Ion Ratio Lower Upper

105 100

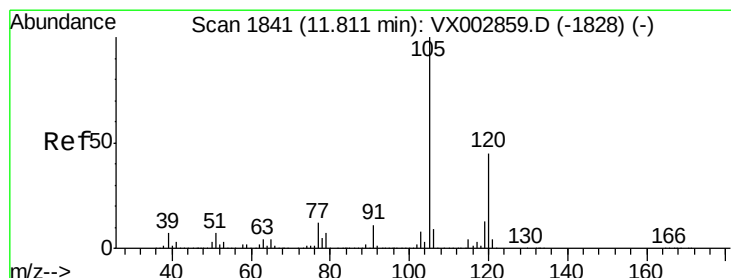
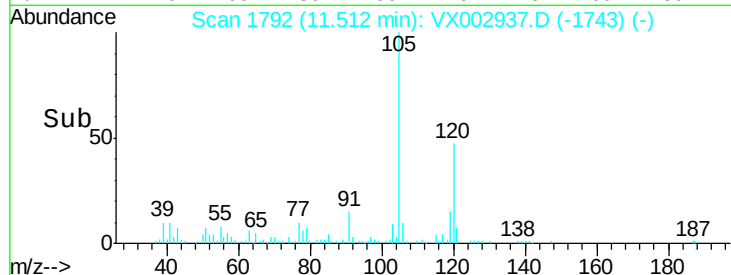
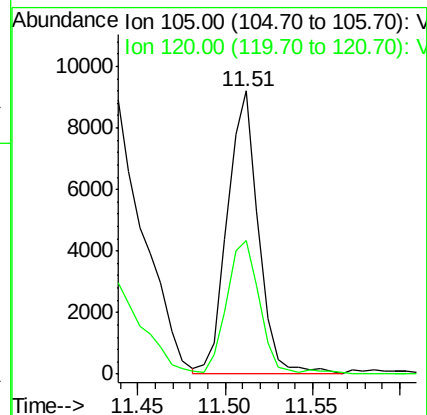
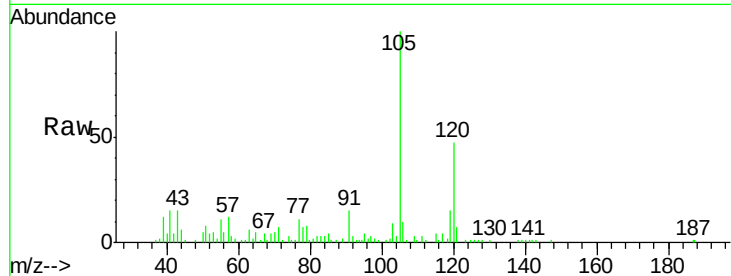
120 47.3 24.4 73.4

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#84

1,2,4-Trimethylbenzene

Concen: 2.15 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002937.D

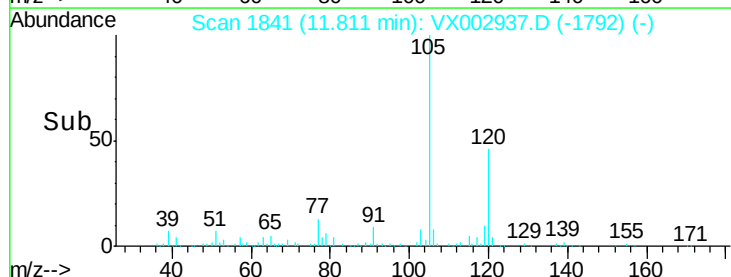
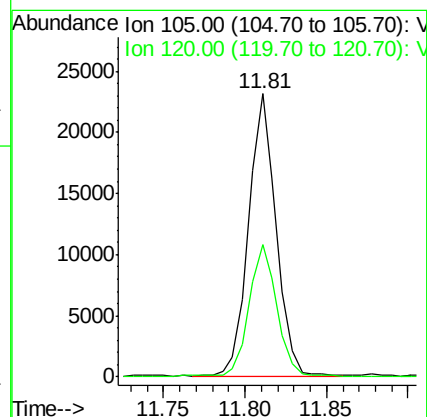
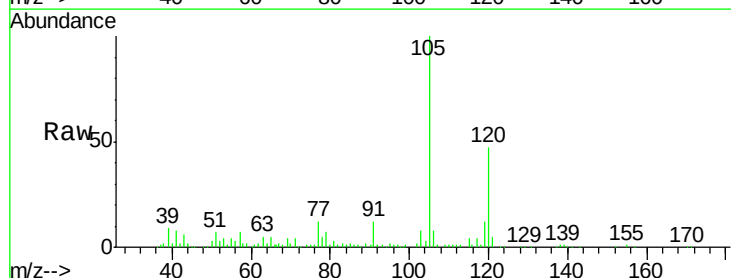
Acq: 27 Jun 2018 15:37

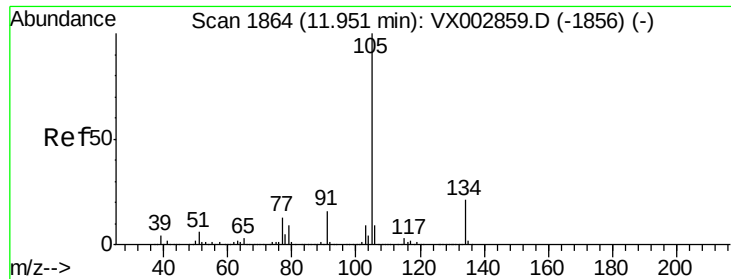
Tgt Ion:105 Resp: 27005

Ion Ratio Lower Upper

105 100

120 48.0 22.3 66.8





#85

sec-Butylbenzene

Concen: 0.30 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002937.D

Acq: 27 Jun 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

WP021SB488-25-27-180622

Tot Ion:105 Resp: 4351

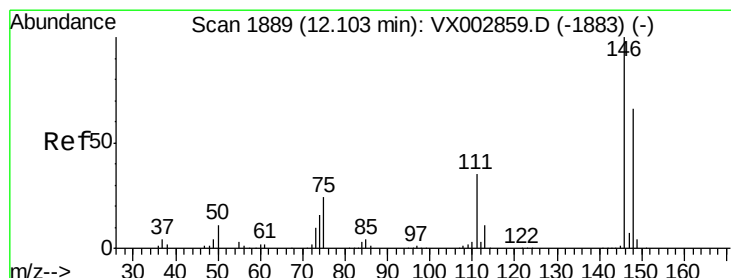
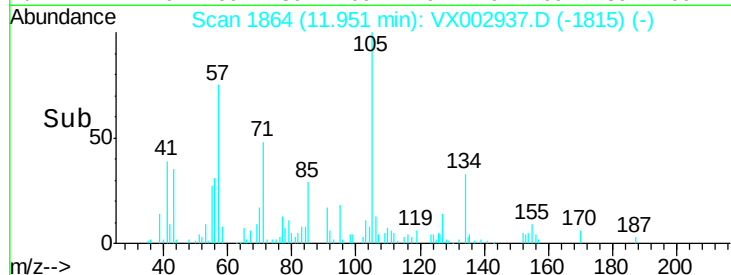
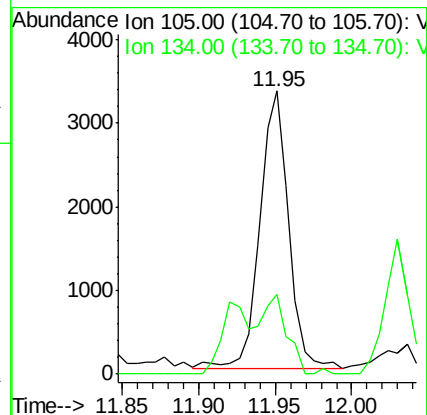
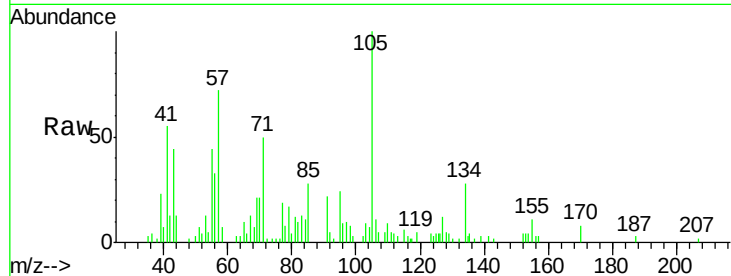
Ion Ratio Lower Upper

105 100

134 21.8 10.4 31.1

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#88

1,4-Dichlorobenzene

Concen: 0.46 ug/l m

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002937.D

Acq: 27 Jun 2018 15:37

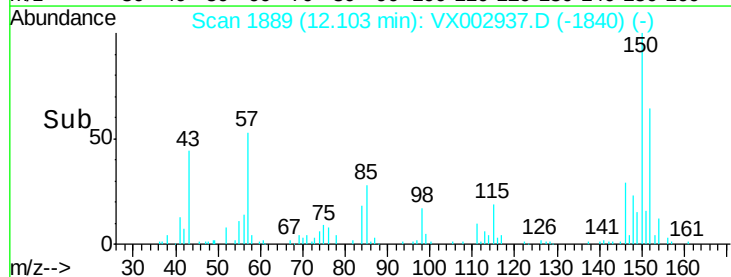
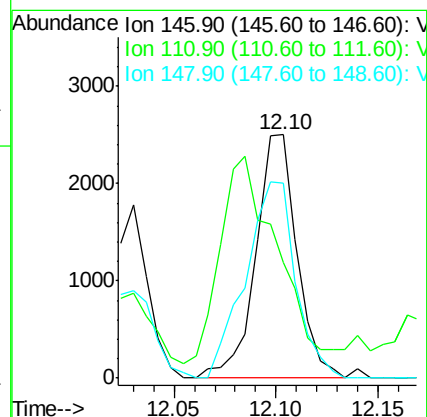
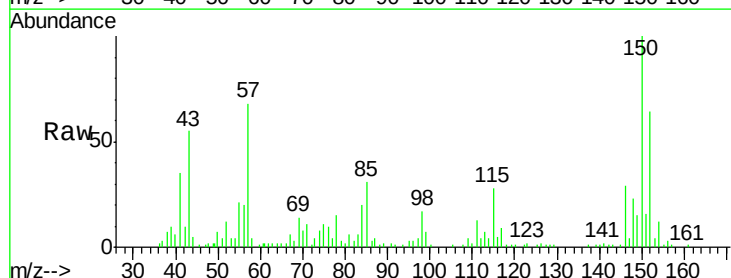
Tgt Ion:146 Resp: 3516

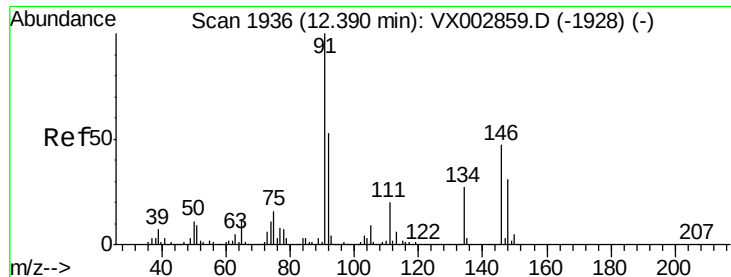
Ion Ratio Lower Upper

146 100

111 30.1 18.7 56.1

148 37.3 32.4 97.0





#89

n-Butylbenzene

Concen: 0.89 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002937.D

Acq: 27 Jun 2018 15:37

Instrument :

MSVOA_X

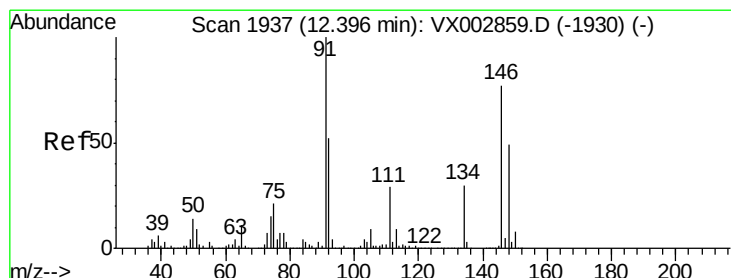
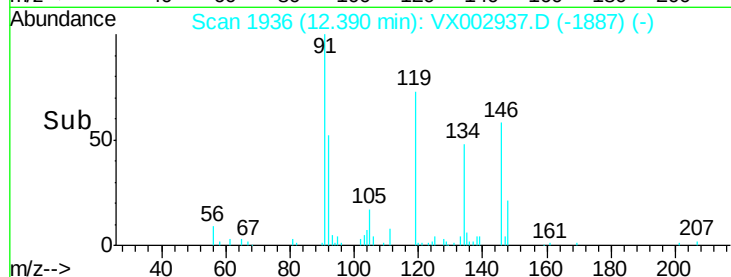
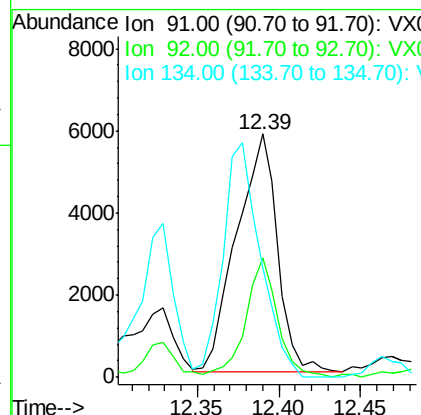
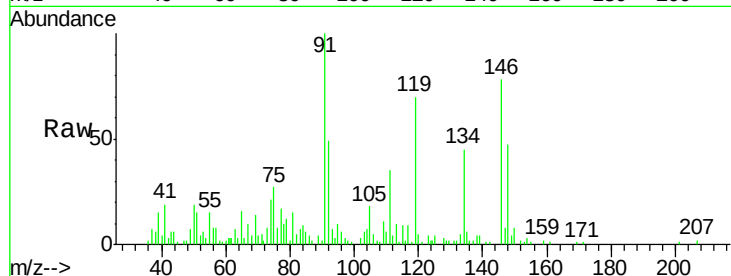
ClientSampleId :

WP021SB488-25-27-180622

Tot Ion	Ratio	Lower	Upper
91	100		
92	39.4	26.0	78.0
134	91.0	13.5	40.5#

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#91

1,2-Dichlorobenzene

Concen: 0.98 ug/l

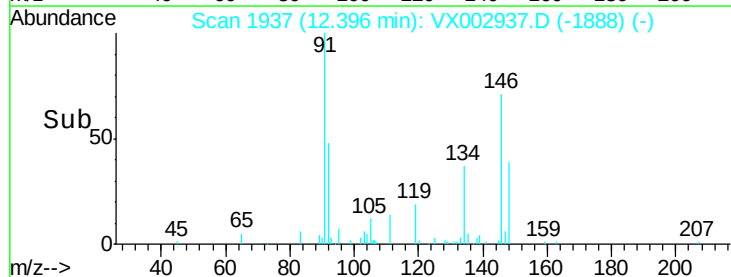
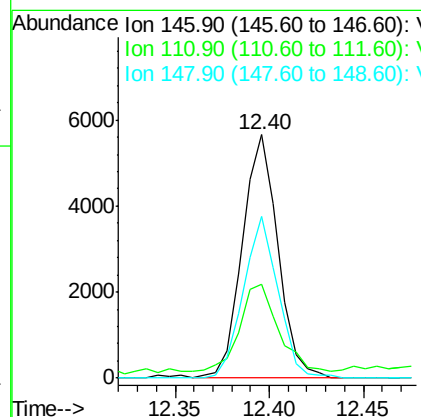
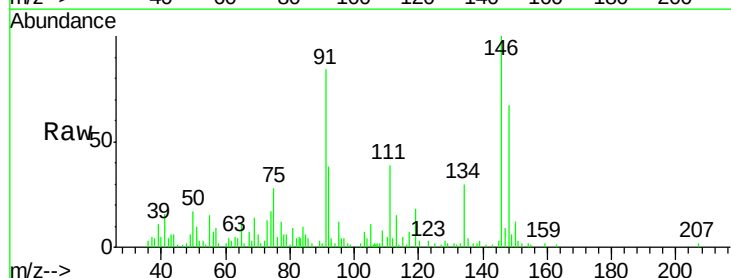
RT: 12.40 min Scan# 1937

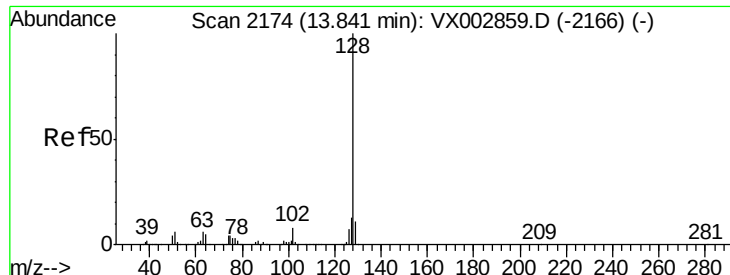
Delta R.T. -0.00 min

Lab File: VX002937.D

Acq: 27 Jun 2018 15:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.4	58.1
148	65.1	31.7	95.1





#95
Naphthalene
Concen: 1.25 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX002937.D
Acq: 27 Jun 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
WP021SB488-25-27-180622

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	12.8	8.6	13.0

Manual Integrations
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