

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062618\
 Data File : VX002920.D
 Acq On : 27 Jun 2018 03:15
 Operator : JC/MD
 Sample : J3707-14 50X
 Misc : 5.70g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB480-25-27-180622

Manual Integrations
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MMDadoda
 6/28/2018 3:12:12 PM

Quant Time: Jun 27 05:06:48 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	254353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	358295	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	334953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	195311	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	174975	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
35) Dibromofluoromethane	5.51	113	137413	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
50) Toluene-d8	8.72	98	504125	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
62) 4-Bromofluorobenzene	11.14	95	184436	46.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.52	142	1023	6.54	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	148212	48.38	ug/l	85
39) Methylcyclohexane	7.45	83	1492	0.33	ug/l #	83
80) 1,3,5-Trimethylbenzene	11.51	105	7961	0.72	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	18526	1.62	ug/l	97
85) sec-Butylbenzene	11.95	105	2886	0.22	ug/l #	56
86) p-Isopropyltoluene	12.07	119	2476m	0.21	ug/l	
95) Naphthalene	13.84	128	6491	0.49	ug/l	98

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

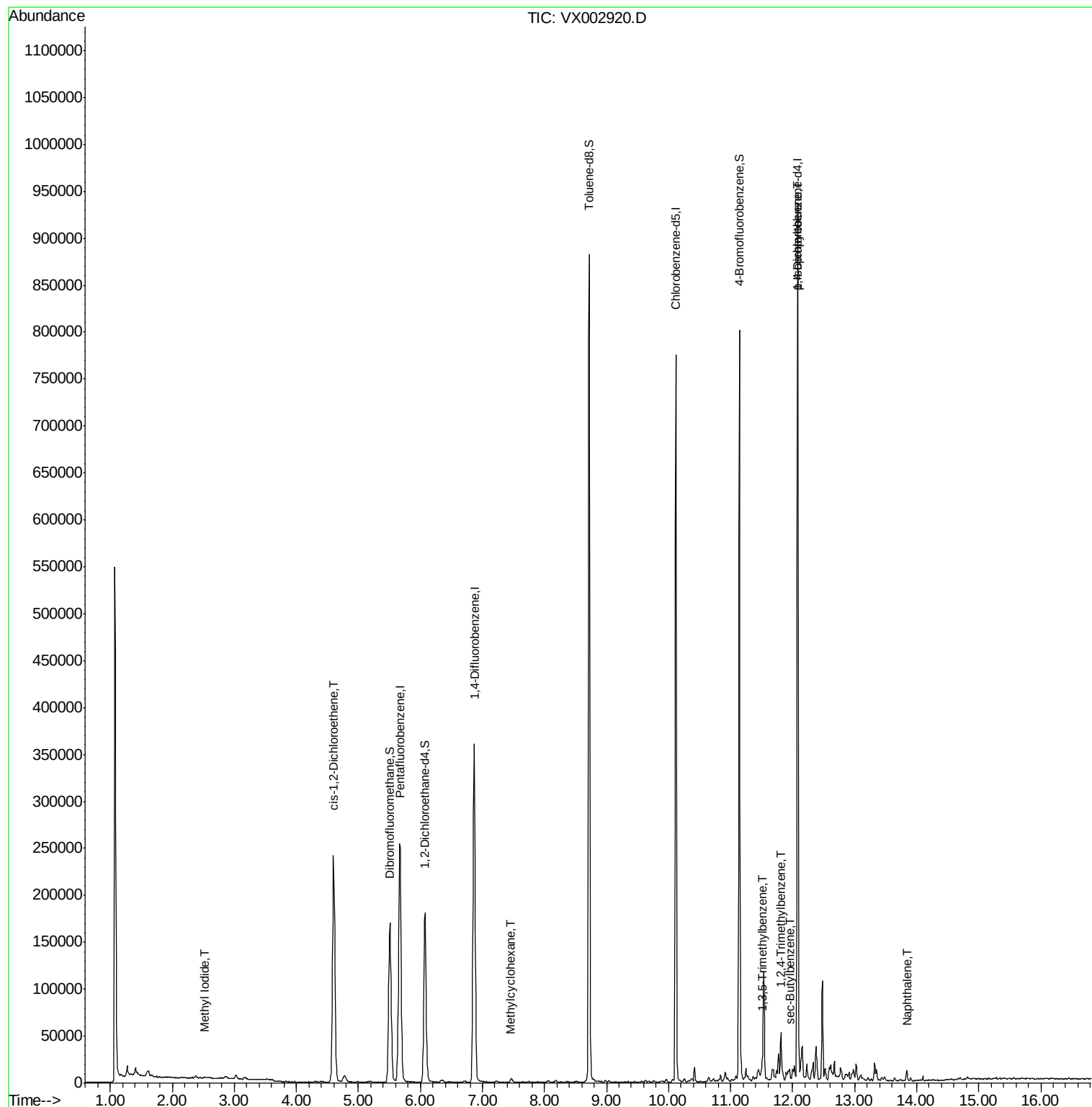
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062618\
Data File : VX002920.D
Acq On : 27 Jun 2018 03:15
Operator : JC/MD
Sample : J3707-14 50X
Misc : 5.70µ/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 33 Sample Multiplier: 1

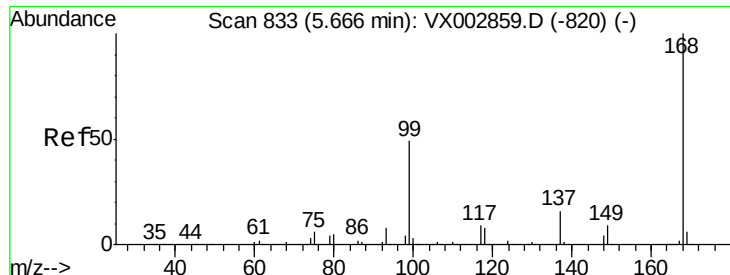
Instrument :
MSVOA_X
ClientSampleId :
WP021SB480-25-27-180622

Manual Integrations
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Quant Time: Jun 27 05:06:48 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# 834

Delta R.T. 0.01 min

Lab File: VX002920.D

Acq: 27 Jun 2018 03:15

Instrument :

MSVOA_X

ClientSampleId :

WP021SB480-25-27-180622

Tot Ion:168 Resp: 254353

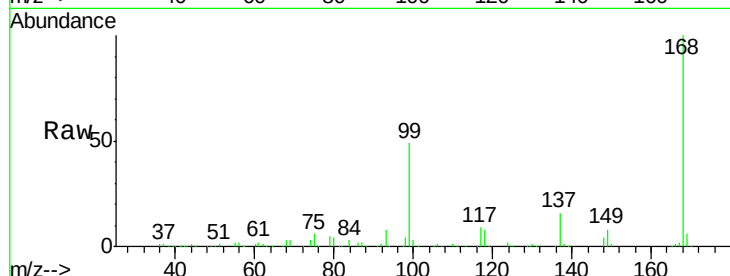
Ion Ratio Lower Upper

168 100

99 49.1 39.3 58.9

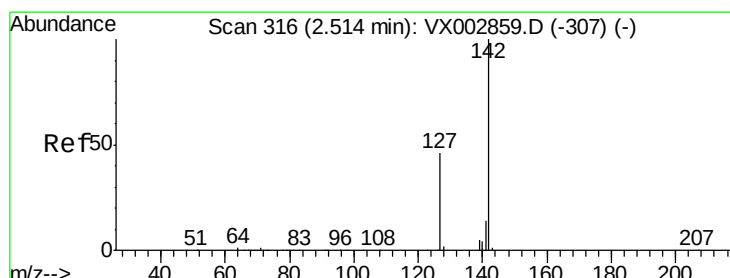
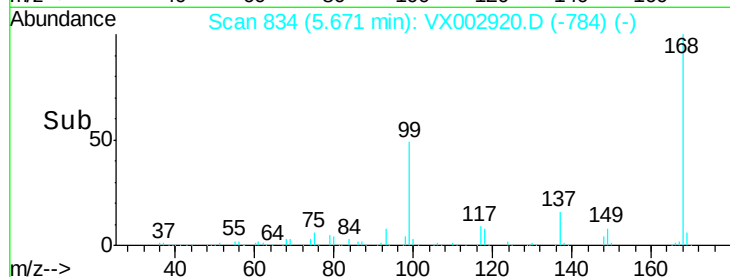
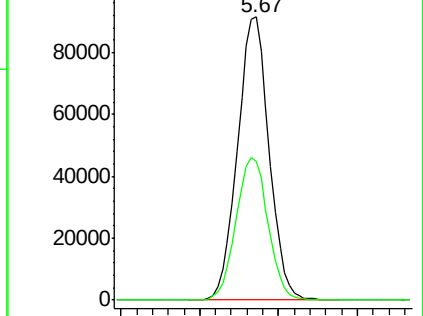
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 6.54 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002920.D

Acq: 27 Jun 2018 03:15

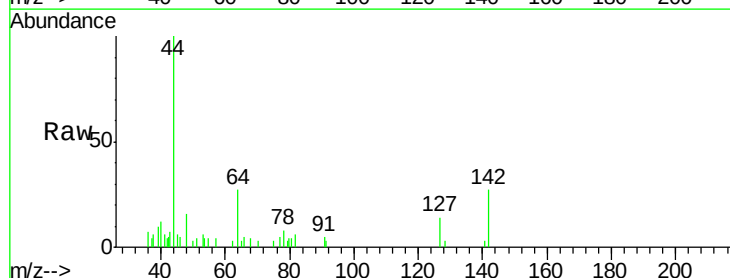
Tgt Ion:142 Resp: 1023

Ion Ratio Lower Upper

142 100

127 45.3 36.6 55.0

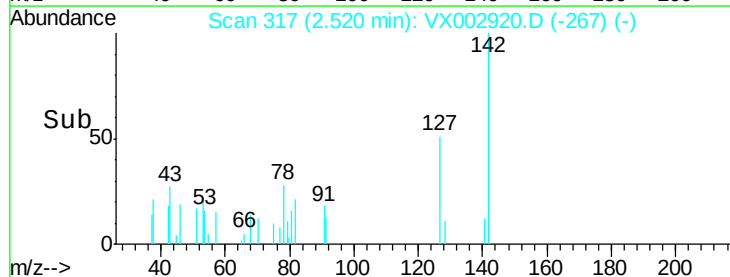
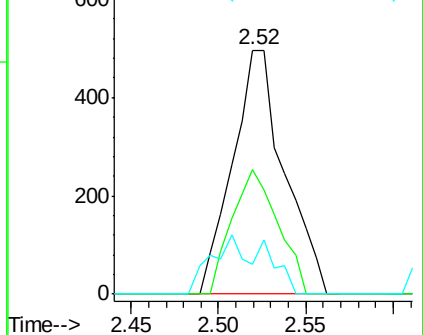
141 16.4 11.3 16.9

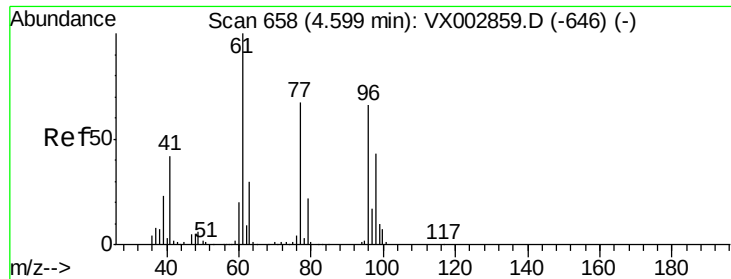


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#27

cis-1,2-Dichloroethene

Concen: 48.38 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX002920.D

Acq: 27 Jun 2018 03:15

Instrument :

MSVOA_X

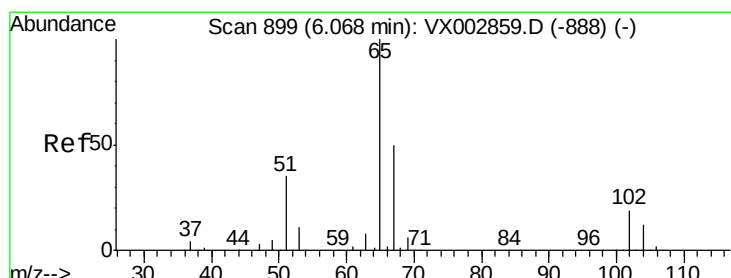
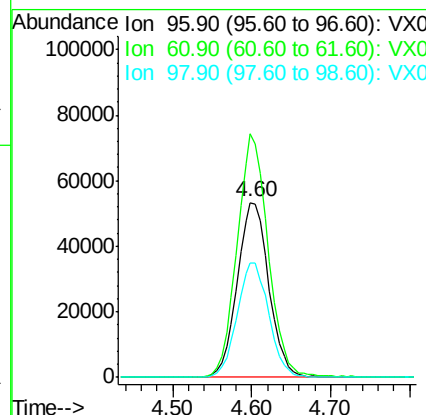
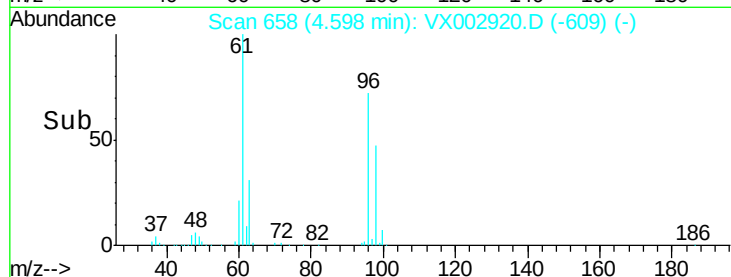
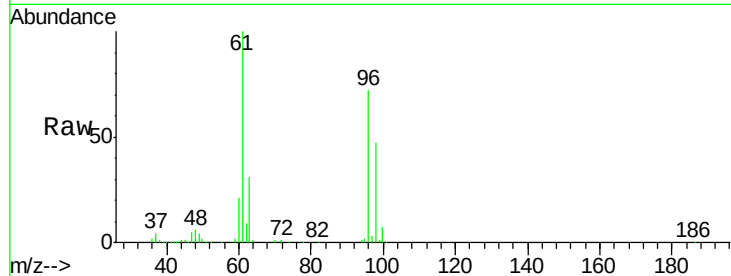
ClientSampleId :

WP021SB480-25-27-180622

Tot Ion:	96	Resp:	148212
Ion	Ratio	Lower	Upper
96	100		
61	136.9	0.0	330.2
98	65.8	0.0	130.2

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#33

1,2-Dichloroethane-d4

Concen: 49.77 ug/l

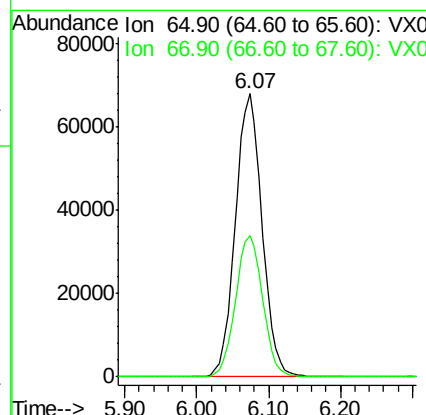
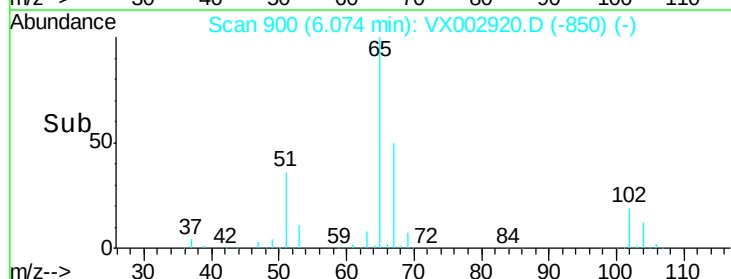
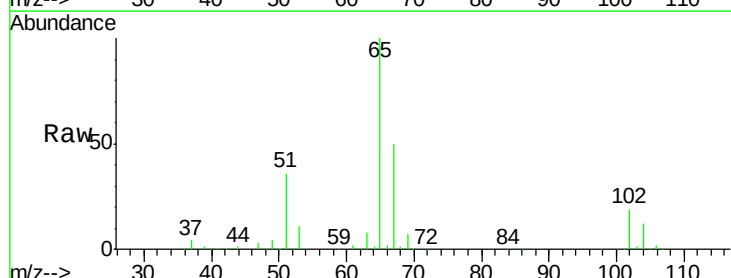
RT: 6.07 min Scan# 900

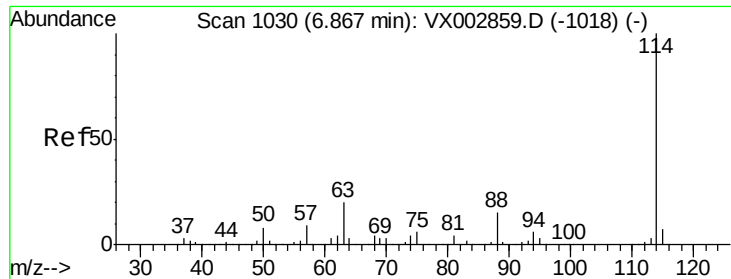
Delta R.T. 0.01 min

Lab File: VX002920.D

Acq: 27 Jun 2018 03:15

Tgt Ion:	65	Resp:	174975
Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	102.6





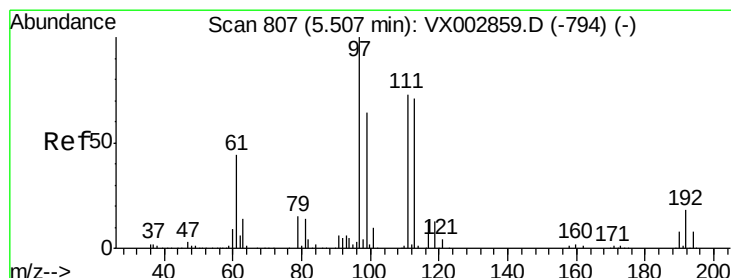
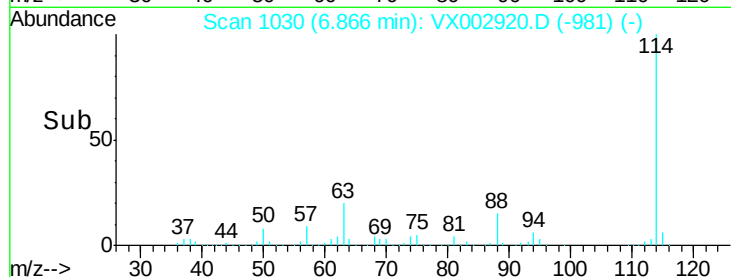
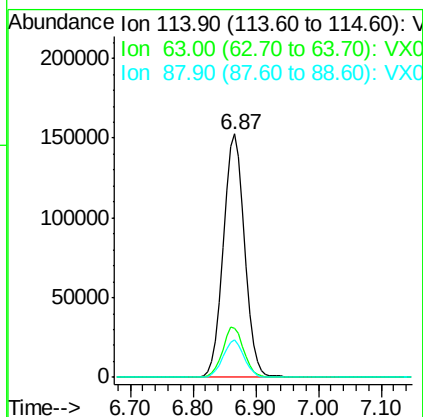
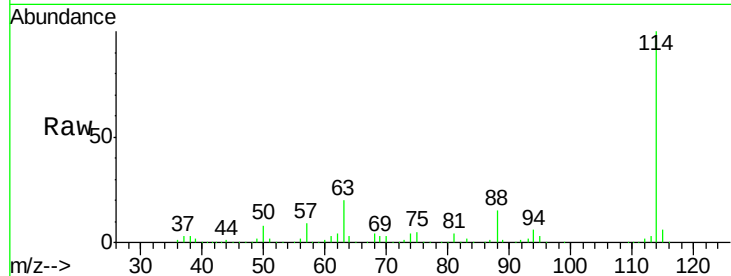
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002920.D
 Acq: 27 Jun 2018 03:15

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB480-25-27-180622

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	20.3	0.0	41.4
88	15.3	0.0	30.0

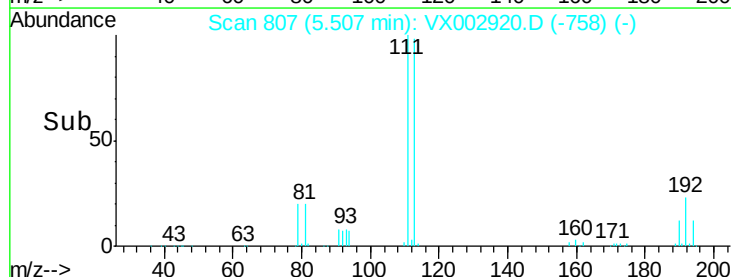
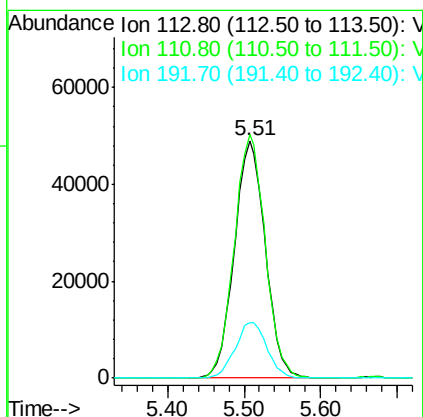
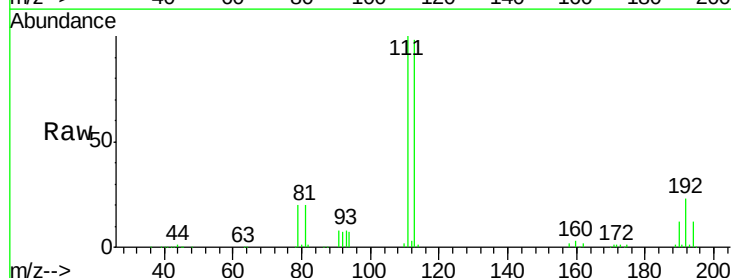
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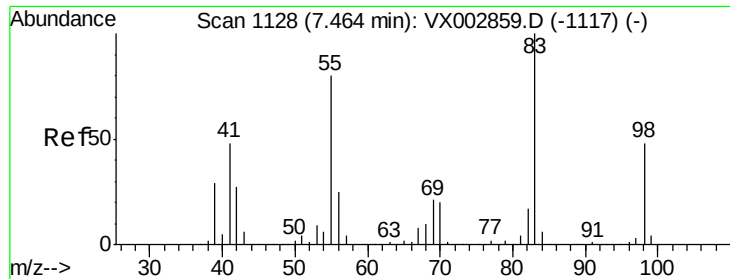
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#35
 Dibromofluoromethane
 Concen: 48.43 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002920.D
 Acq: 27 Jun 2018 03:15

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.3	81.4	122.0
192	24.2	19.1	28.7





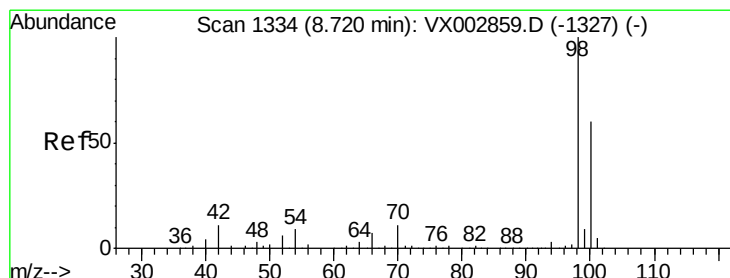
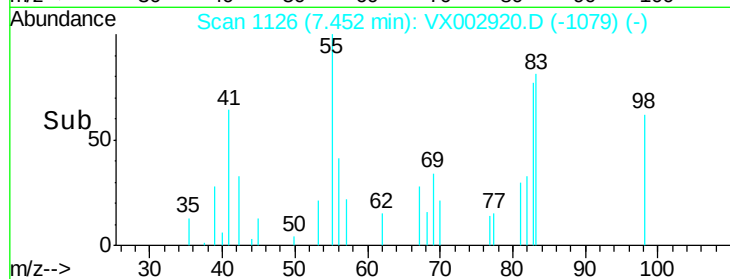
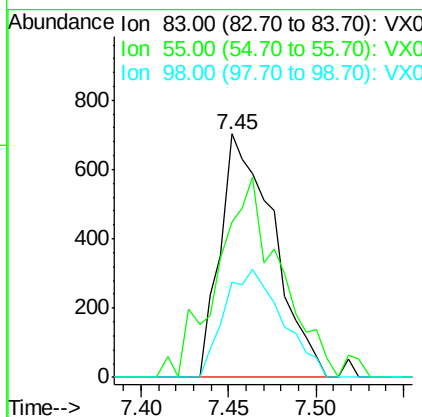
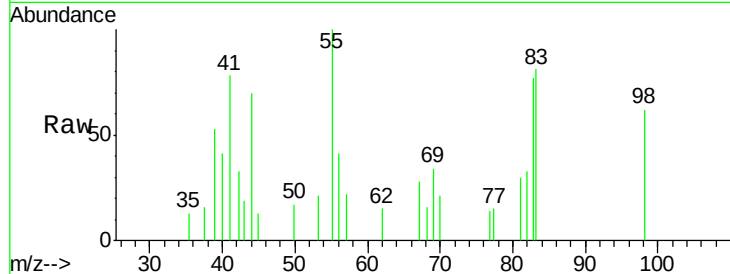
#39
Methylvlcyclohexane
Concen: 0.33 ug/l
RT: 7.45 min Scan# 1126
Delta R.T. -0.01 min
Lab File: VX002920.D
Acq: 27 Jun 2018 03:15

Instrument :
MSVOA_X
ClientSampleId :
WP021SB480-25-27-180622

Tot Ion	Ratio	Lower	Upper
83	100		
55	63.6	65.4	98.0#
98	39.1	37.4	56.0

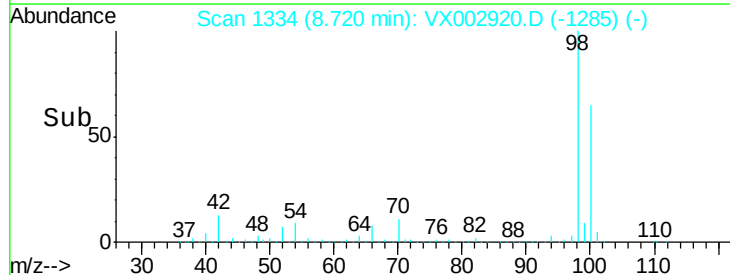
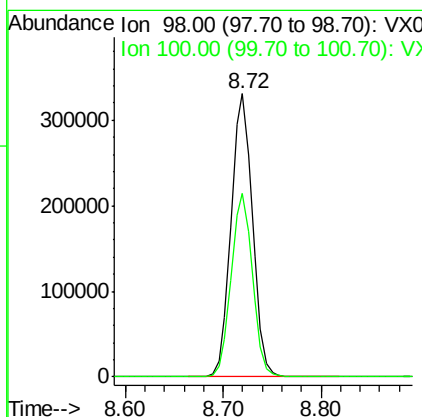
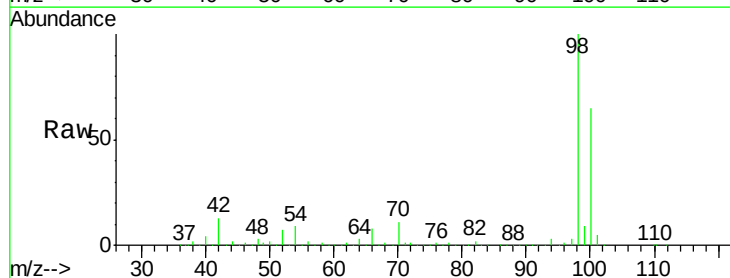
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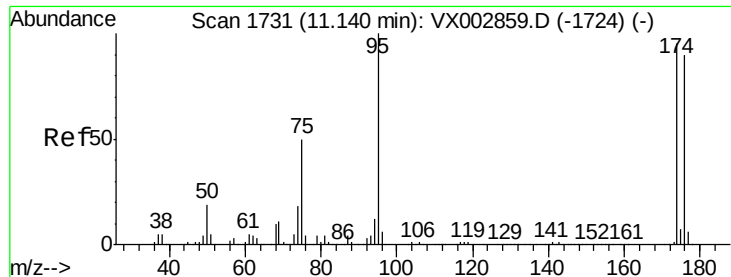
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#50
Toluene-d8
Concen: 48.65 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002920.D
Acq: 27 Jun 2018 03:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	50.9	76.3





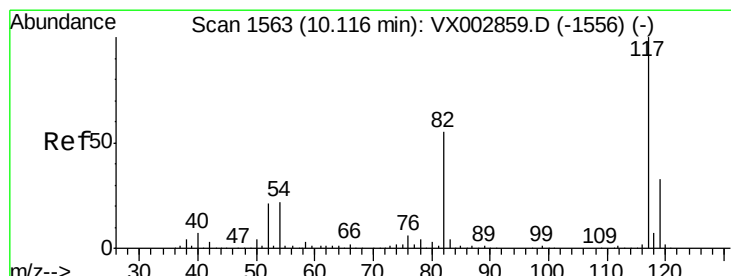
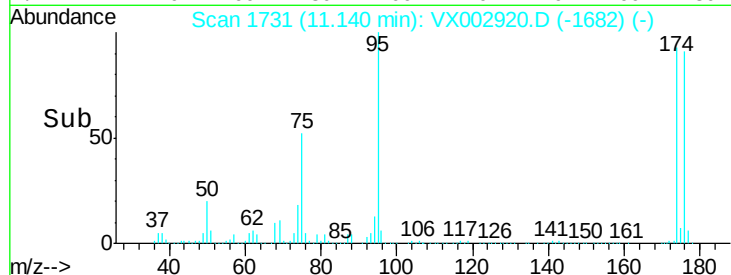
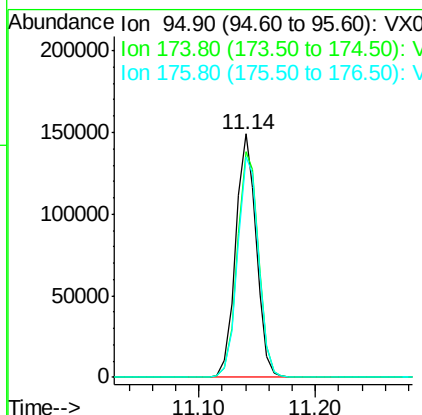
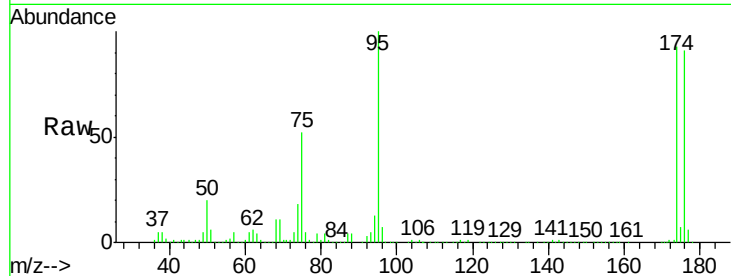
#62
4-Bromofluorobenzene
Concen: 46.16 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002920.D
Acq: 27 Jun 2018 03:15

Instrument :
MSVOA_X
ClientSampleId :
WP021SB480-25-27-180622

Tot Ion	Ratio	Resp	Lower	Upper
95	100	184436		
174	95.2	0.0	187.4	
176	92.4	0.0	181.0	

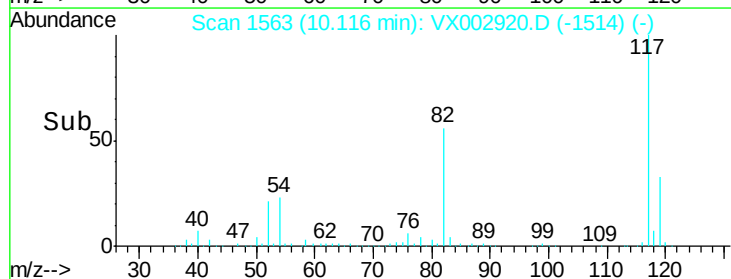
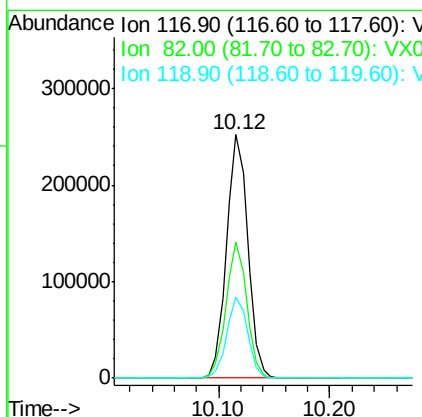
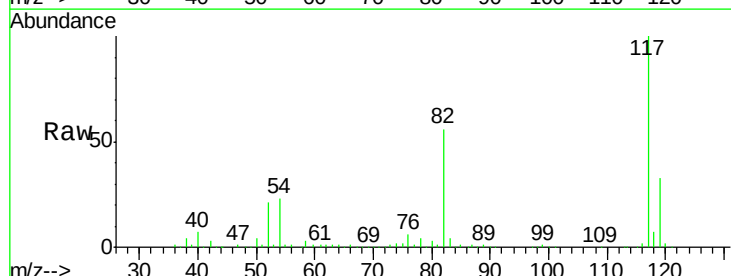
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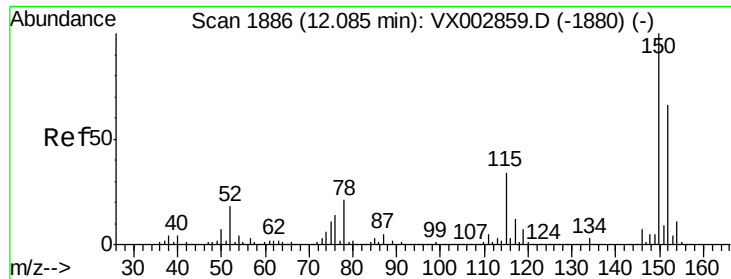
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002920.D
Acq: 27 Jun 2018 03:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	334953		
82	55.7	45.0	67.4	
119	33.1	25.8	38.6	





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002920.D

Acq: 27 Jun 2018 03:15

Instrument :

MSVOA_X

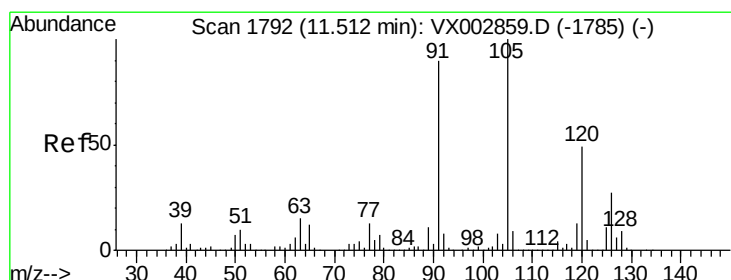
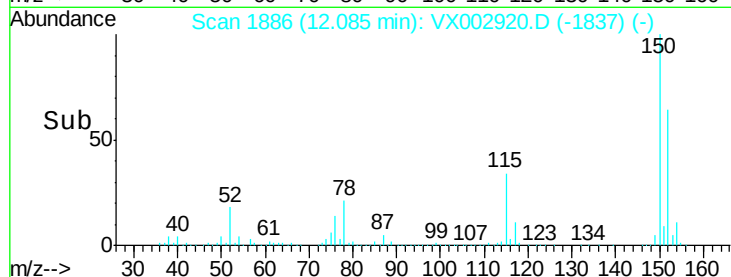
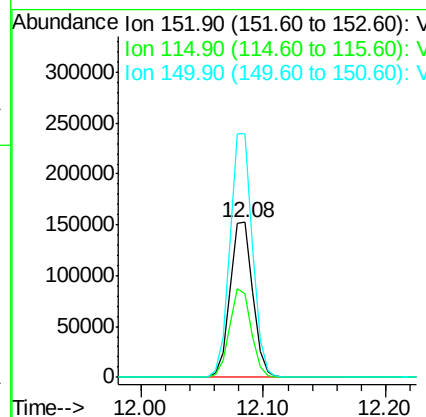
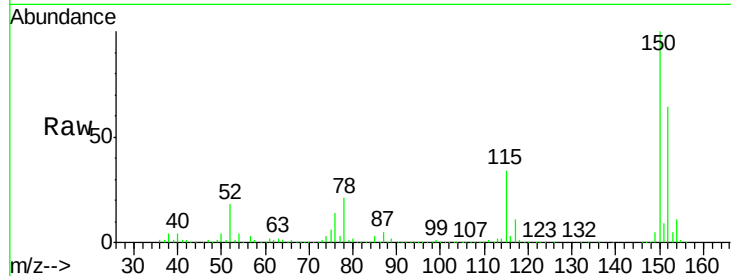
ClientSampleId :

WP021SB480-25-27-180622

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.7	40.1	120.2
150	155.4	0.0	347.2

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#80

1,3,5-Trimethylbenzene

Concen: 0.72 ug/l

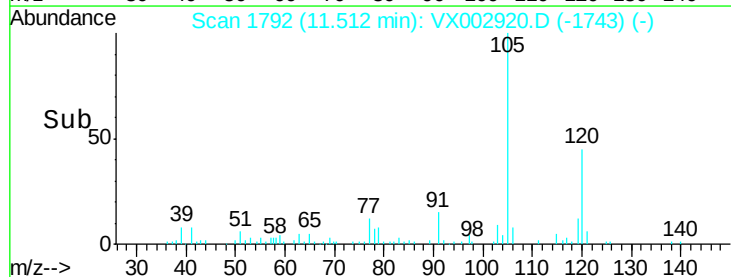
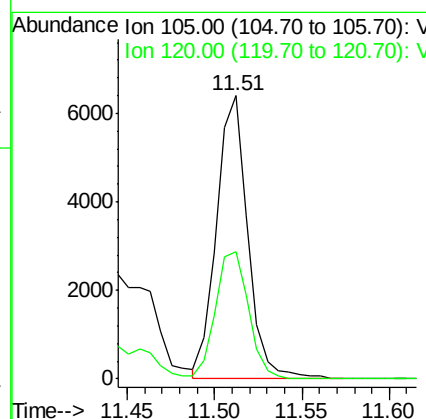
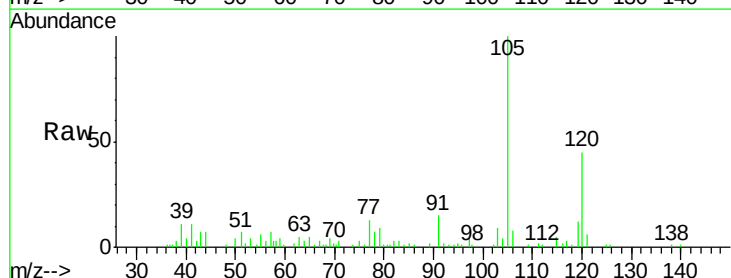
RT: 11.51 min Scan# 1792

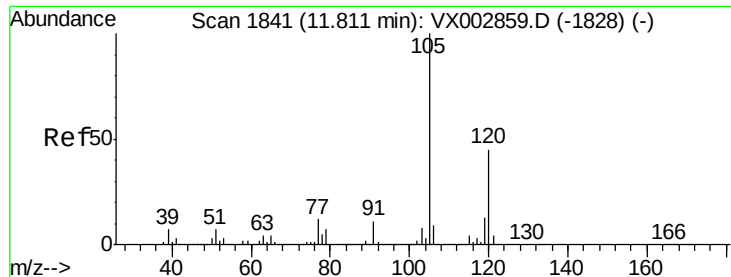
Delta R.T. -0.00 min

Lab File: VX002920.D

Acq: 27 Jun 2018 03:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.5	24.4	73.4





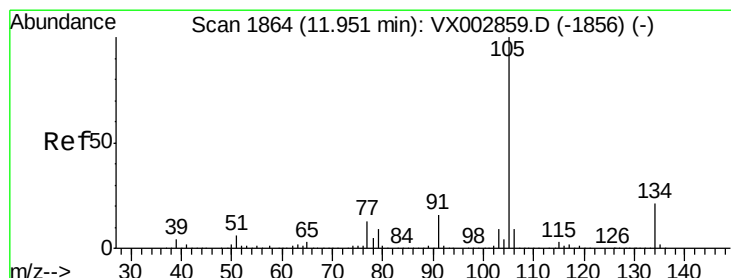
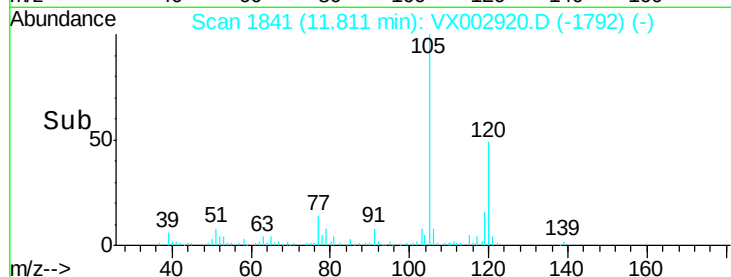
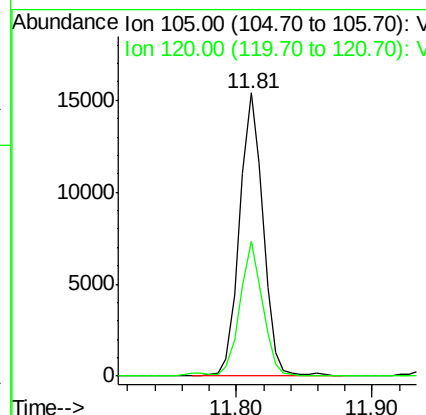
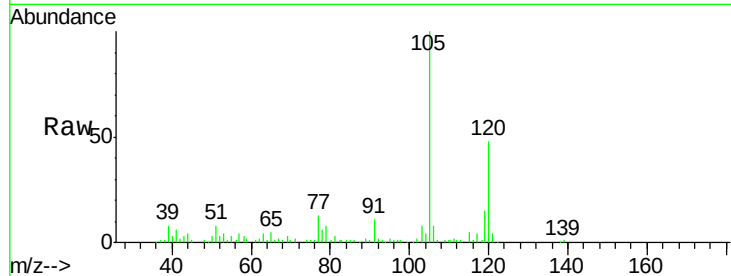
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 1,2,4-Trimethylbenzene
 Concen: 1.62 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002920.D
 Acq: 27 Jun 2018 03:15

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB480-25-27-180622

Tot Ion:105 Resp: 18526
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.3 66.8

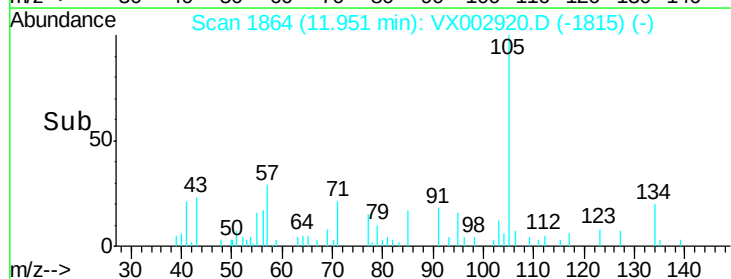
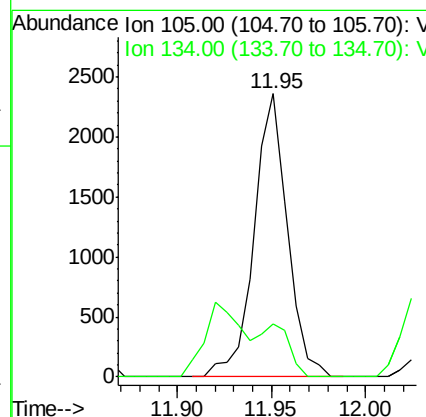
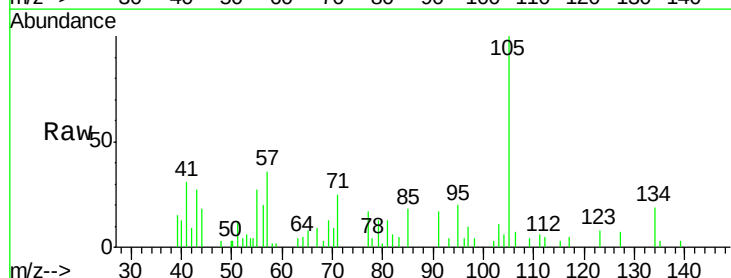
Manual Integrations
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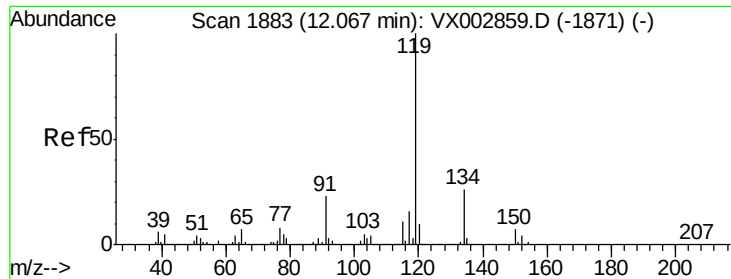
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#85
 sec-Butylbenzene
 Concen: 0.22 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002920.D
 Acq: 27 Jun 2018 03:15

Tgt Ion:105 Resp: 2886
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#





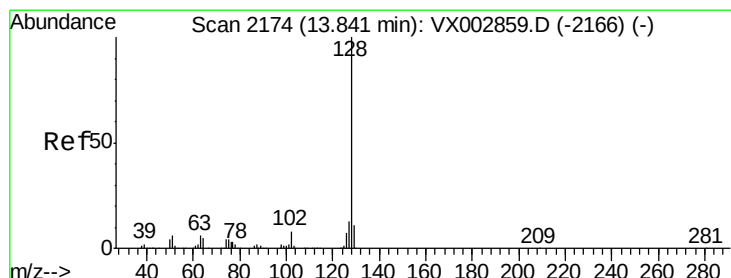
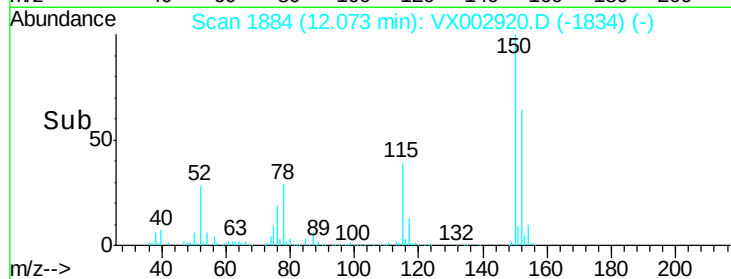
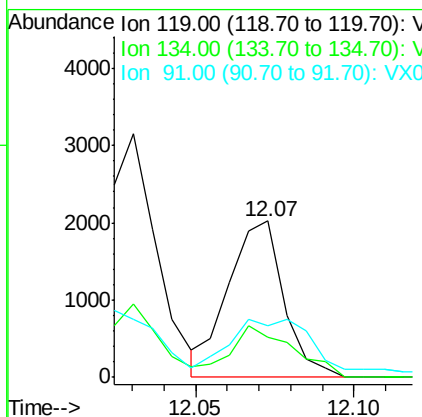
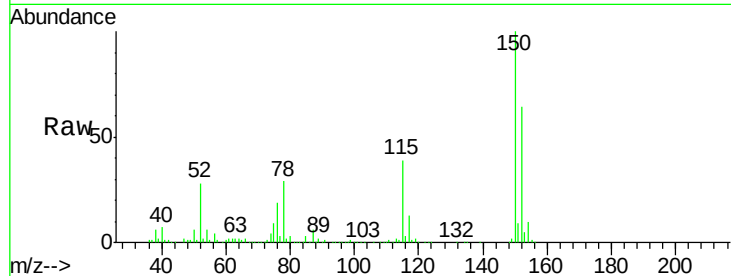
#86
 p-Isopropyltoluene
 Concen: 0.21 ug/l m
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.01 min
 Lab File: VX002920.D
 Acq: 27 Jun 2018 03:15

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB480-25-27-180622

Tot Ion	Ratio	Lower	Upper
119	100		
134	45.6	13.4	40.1#
91	44.3	11.9	35.7#

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 3:12:12 PM



#95
 Naphthalene
 Concen: 0.49 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: VX002920.D
 Acq: 27 Jun 2018 03:15

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.4	15.6
129	11.2	8.6	13.0

