

Data Path : W:\HPCHEM1\MSVOA X\DATA\WX052518\
 Data File : VX002009.D
 Acq On : 26 May 2018 06:21
 Operator : JC/MD
 Sample : J3065-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14

Manual Integrations
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Quant Time: Jun 01 14:47:03 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	267711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	426820	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	394080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	212586	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	269650	56.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.70%	
35) Dibromofluoromethane	5.51	113	207251	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
50) Toluene-d8	8.72	98	729844	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.46%	
62) 4-Bromofluorobenzene	11.14	95	270452	44.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.08	59	244654	260.46	ug/l	99
16) Acetone	2.45	43	113056	61.22	ug/l	100
18) Methyl Acetate	2.78	43	6879	0.42	ug/l #	83
19) Methyl tert-butyl Ether	3.21	73	66398	5.66	ug/l	97
25) 2-Butanone	4.71	43	22820	6.74	ug/l	95
51) 4-Methyl-2-Pentanone	8.66	43	8356	1.07	ug/l	98
73) Isopropylbenzene	11.02	105	9315	0.52	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	7964	0.50	ug/l	78
95) Naphthalene	13.84	128	23709	1.23	ug/l #	95

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

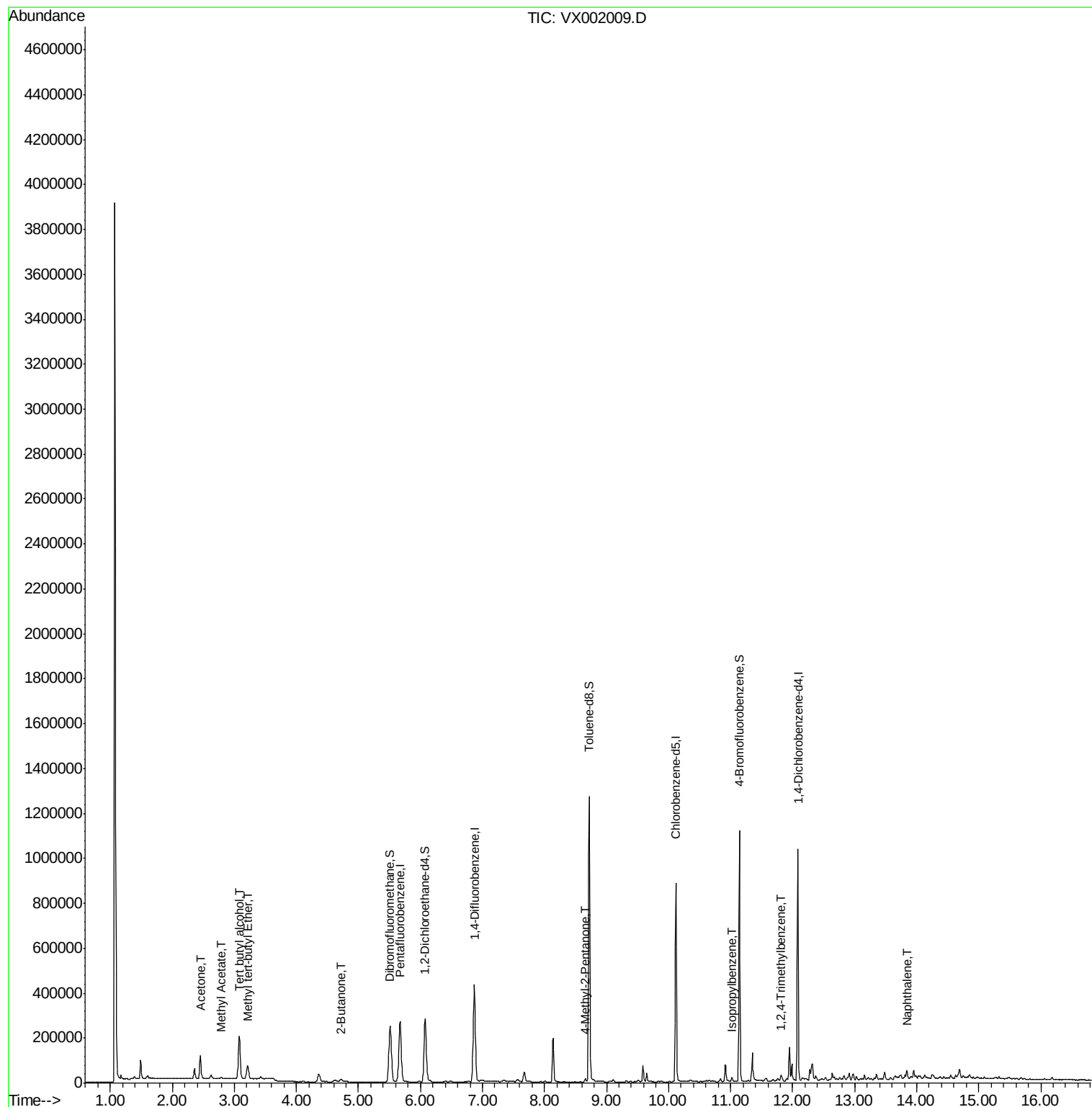
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
Data File : VX002009.D
Acq On : 26 May 2018 06:21
Operator : JC/MD
Sample : J3065-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 46 Sample Multiplier: 1

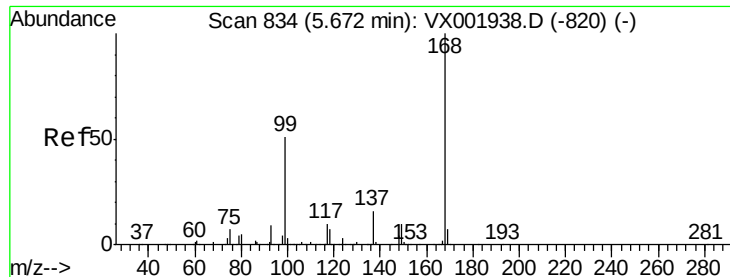
Instrument :
MSVOA_X
ClientSampleId :
MW-14

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Quant Time: Jun 01 14:47:03 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 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: VX002009.D

Acq: 26 May 2018 06:21

Instrument :

MSVOA_X

ClientSampled :

MW-14

Tot Ion:168 Resp: 267711

Ion Ratio Lower Upper

168 100

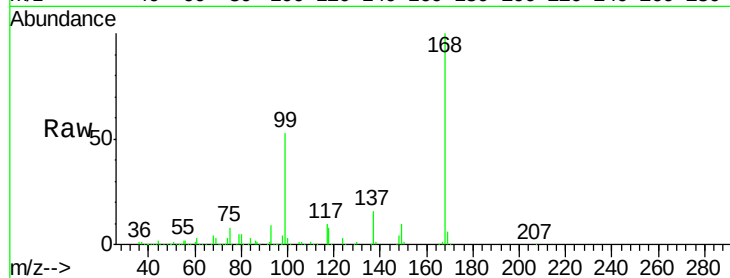
99 52.8 41.0 61.4

Manual Integrations

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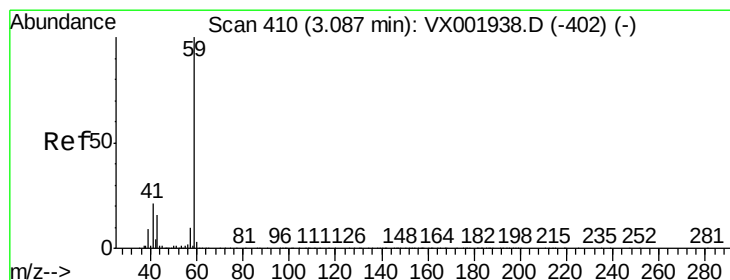
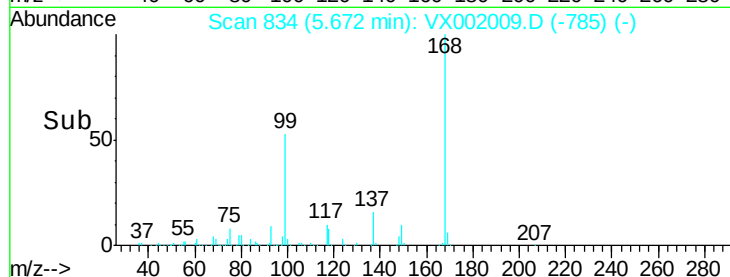
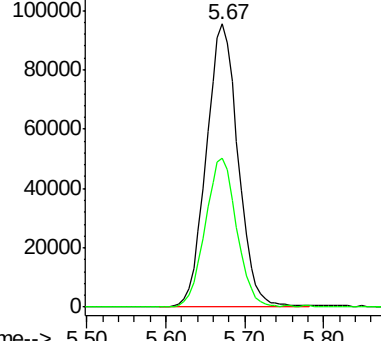
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 260.46 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.01 min

Lab File: VX002009.D

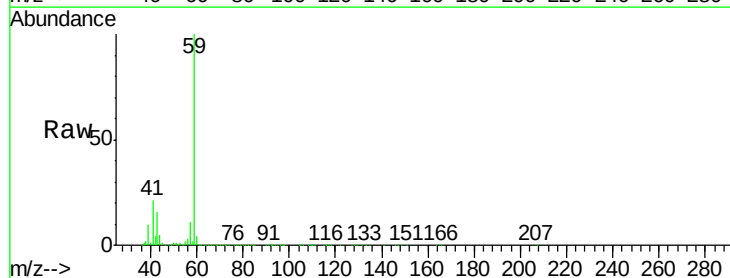
Acq: 26 May 2018 06:21

Tgt Ion: 59 Resp: 244654

Ion Ratio Lower Upper

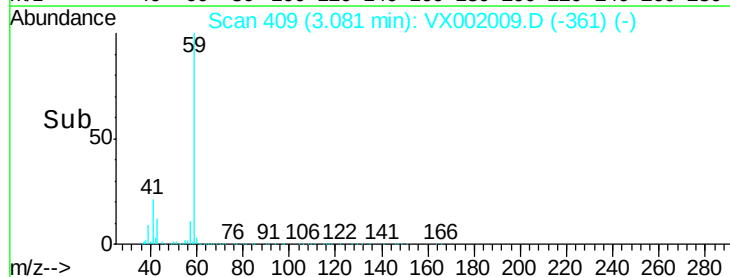
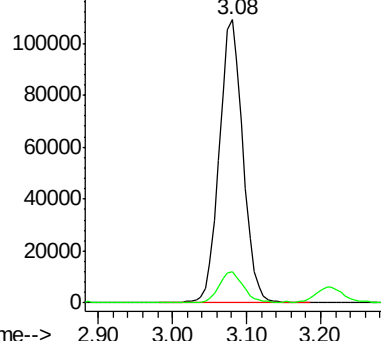
59 100

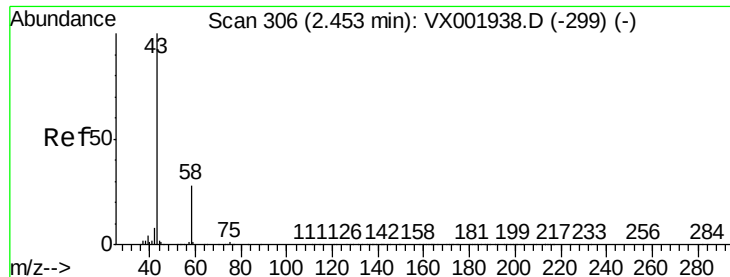
57 10.7 8.9 13.3



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





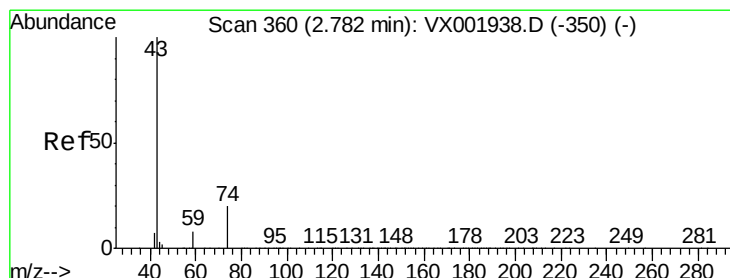
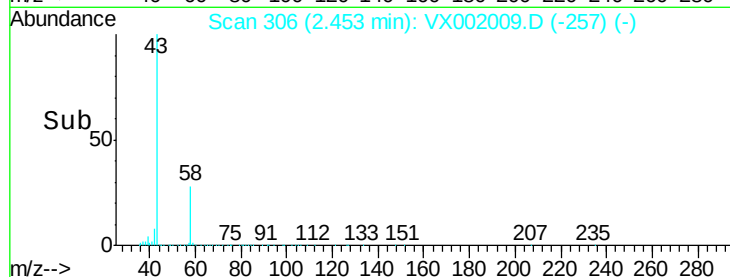
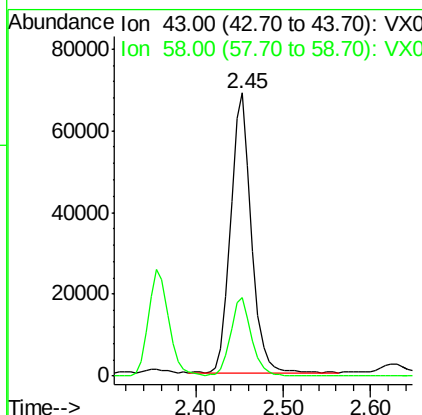
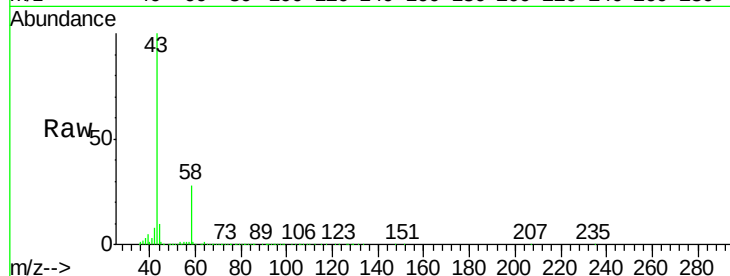
#16
Acetone
Concen: 61.22 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX002009.D
Acq: 26 May 2018 06:21

Instrument :
MSVOA_X
ClientSampleId :
MW-14

Tot Ion	Ratio	Lower	Upper
43	100		
58	28.0	22.3	33.5

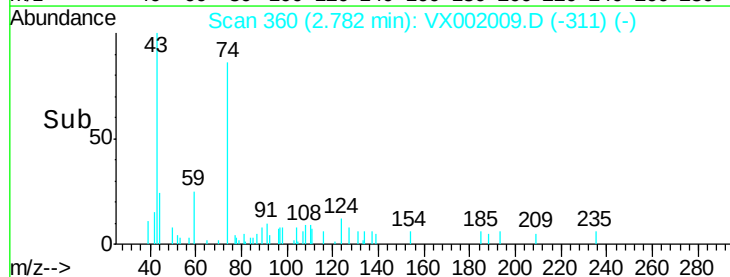
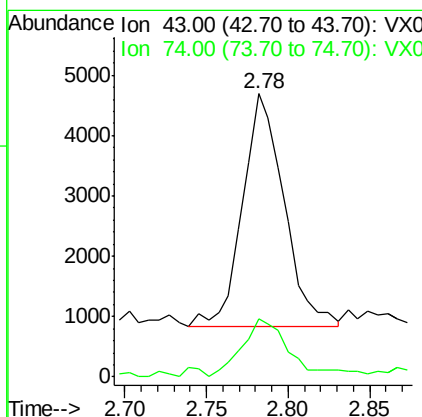
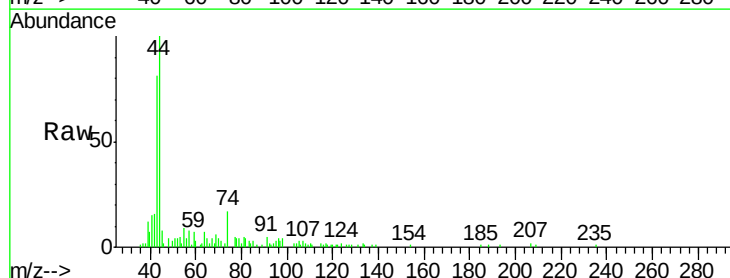
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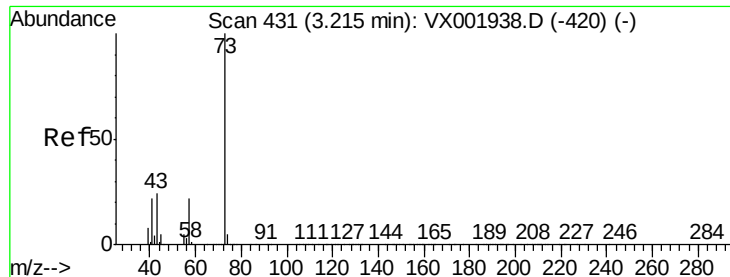
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#18
Methyl Acetate
Concen: 0.42 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002009.D
Acq: 26 May 2018 06:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.0	16.8	25.2





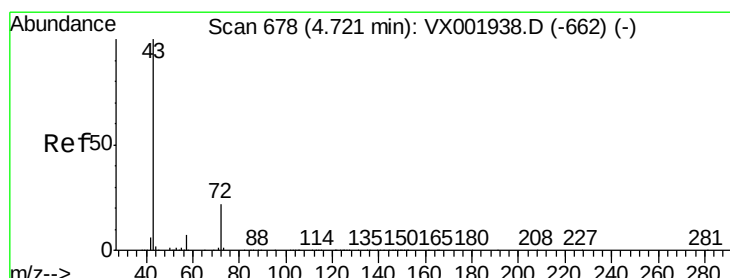
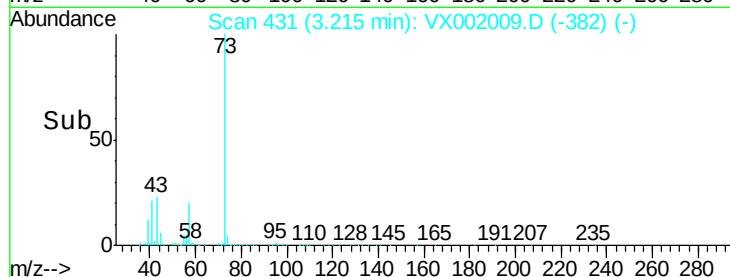
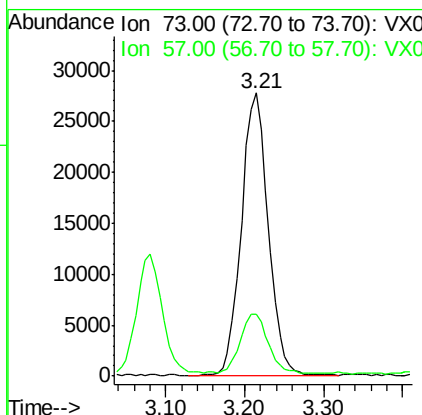
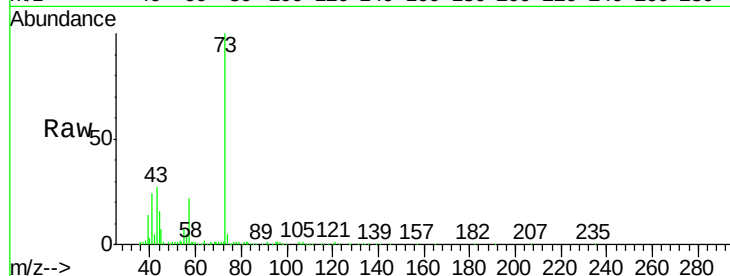
#19
Methyl tert-butyl Ether
Concen: 5.66 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX002009.D
Acq: 26 May 2018 06:21

Instrument :
MSVOA_X
ClientSampled :
MW-14

Tot Ion	73	Resp	66398
Ion Ratio	100	Lower	Upper
73	100	17.4	26.0
57	20.4		

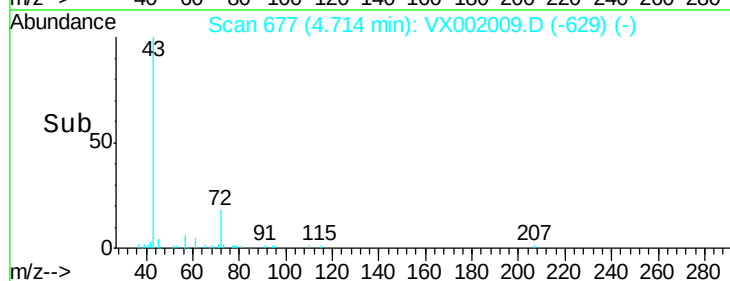
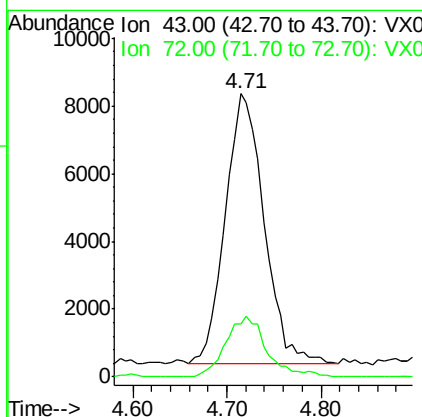
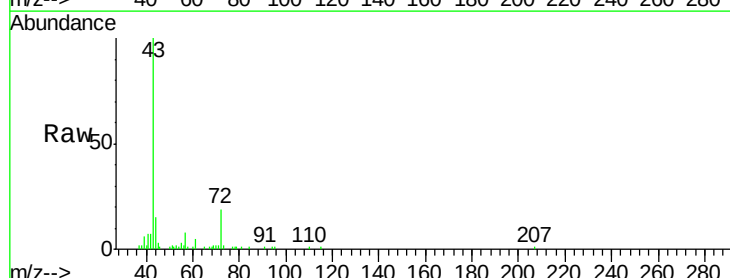
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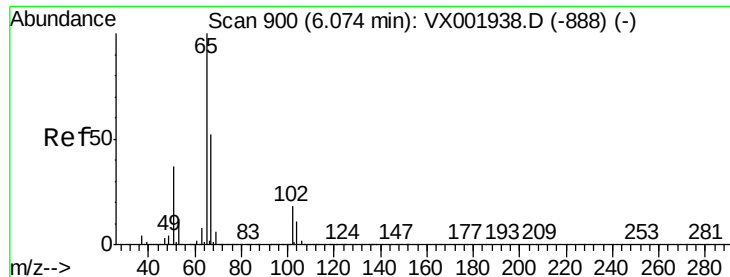
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#25
2-Butanone
Concen: 6.74 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.01 min
Lab File: VX002009.D
Acq: 26 May 2018 06:21

Tgt Ion	43	Resp	22820
Ion Ratio	100	Lower	Upper
43	100	17.9	26.9
72	19.8		





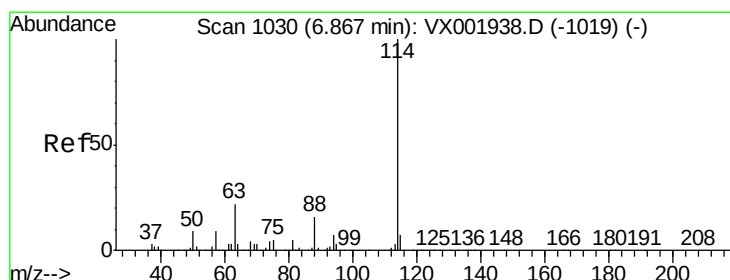
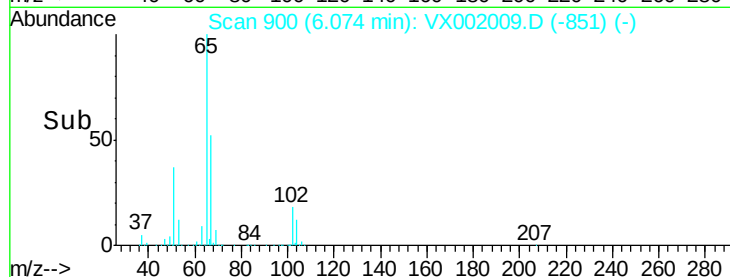
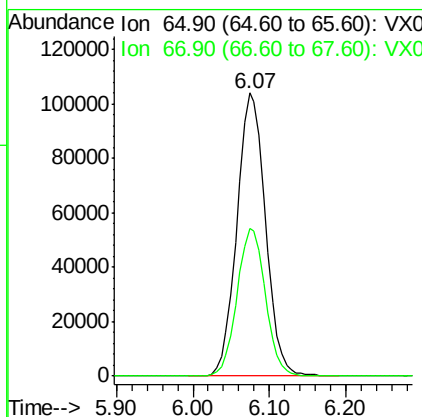
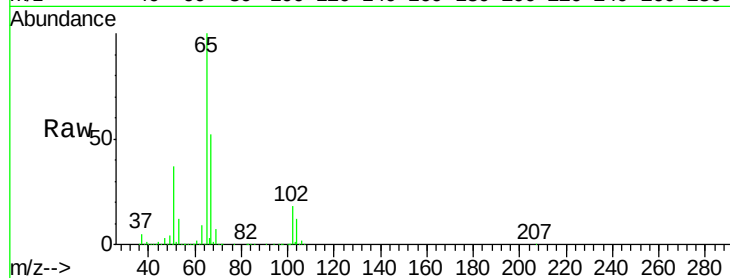
#33
 1,2-Dichloroethane-d4
 Concen: 56.35 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002009.D
 Acq: 26 May 2018 06:21

Instrument :
 MSVOA_X
 ClientSampled :
 MW-14

Tot Ion	Ratio	Resp	Lower	Upper
65	100	269650		
67	52.0	0.0	104.0	

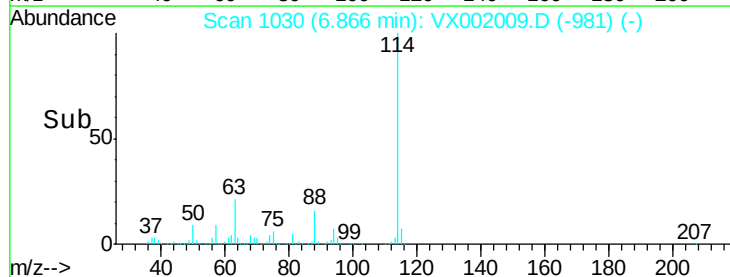
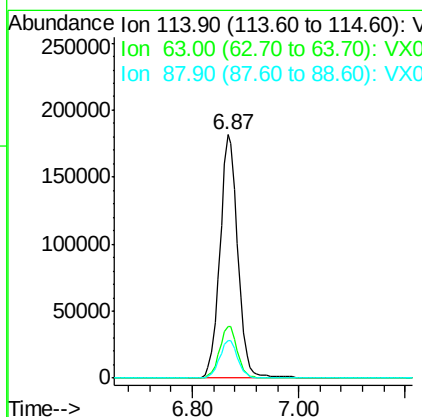
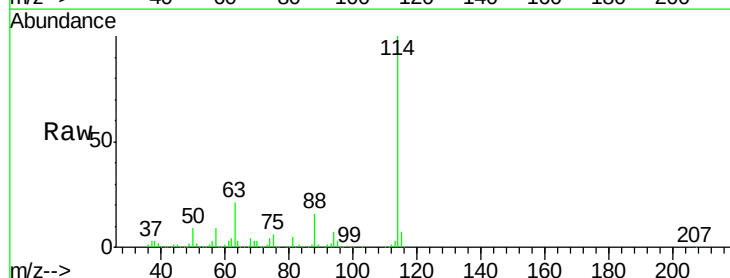
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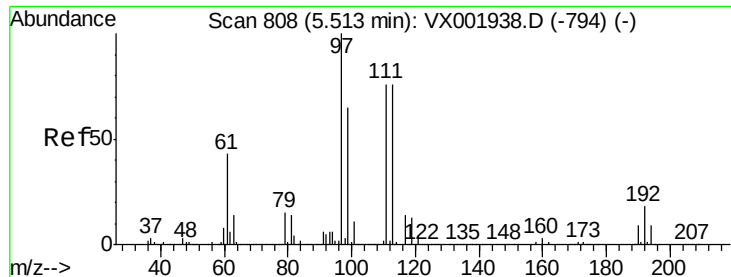
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002009.D
 Acq: 26 May 2018 06:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	426820		
63	21.4	0.0	43.2	
88	15.7	0.0	31.6	





#35

Dibromofluoromethane

Concen: 48.56 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002009.D

Acq: 26 May 2018 06:21

Instrument :

MSVOA_X

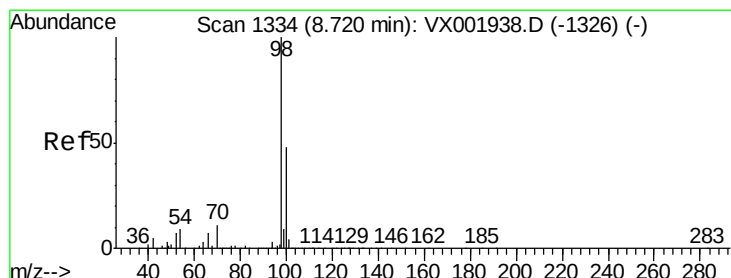
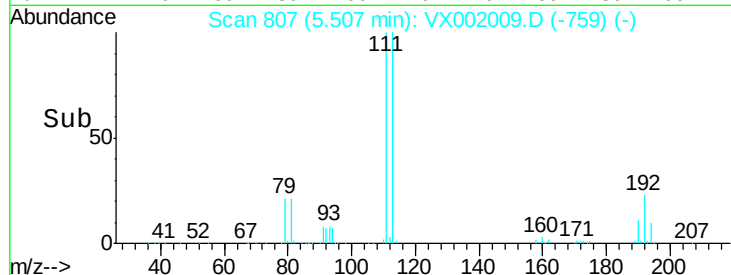
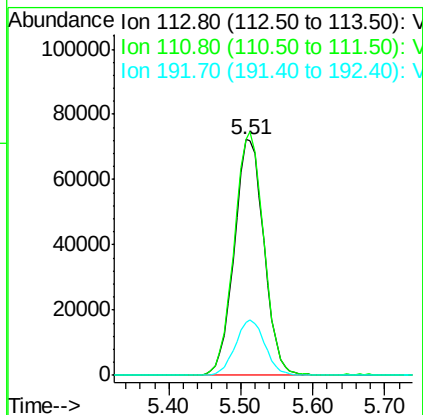
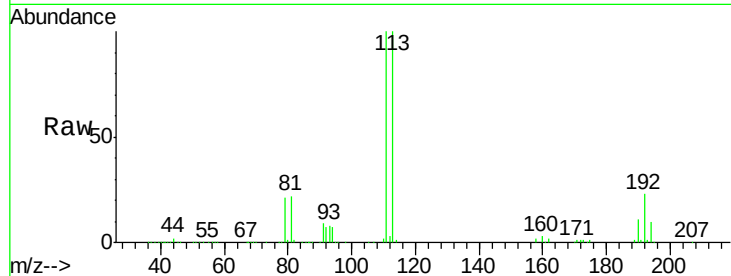
ClientSampled :

MW-14

Tot Ion:	113	Resp:	207251
Ion Ratio	Lower	Upper	
113	100		
111	102.6	82.0	123.0
192	23.4	18.9	28.3

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#50

Toluene-d8

Concen: 47.23 ug/l

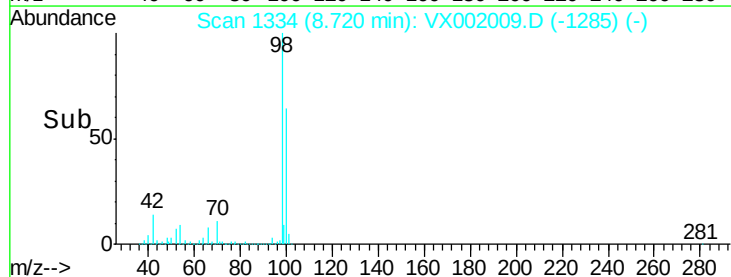
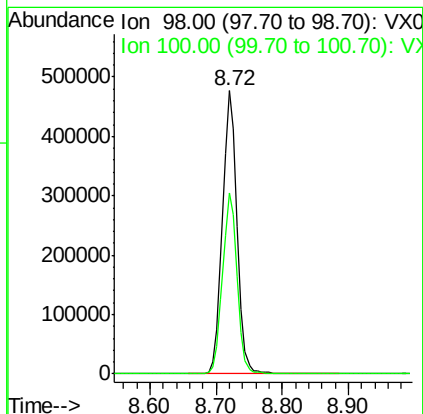
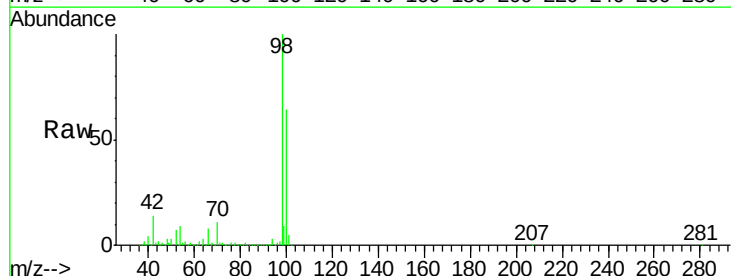
RT: 8.72 min Scan# 1334

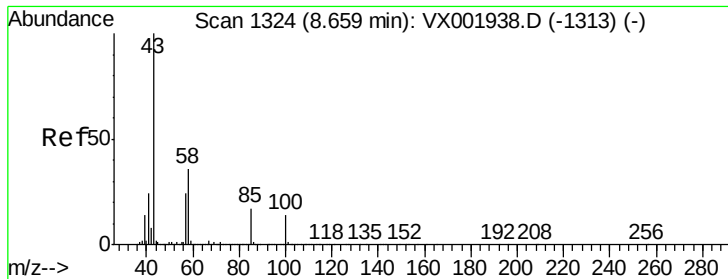
Delta R.T. 0.00 min

Lab File: VX002009.D

Acq: 26 May 2018 06:21

Tgt Ion:	98	Resp:	729844
Ion Ratio	Lower	Upper	
98	100		
100	63.8	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 1.07 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX002009.D

Acq: 26 May 2018 06:21

Instrument :

MSVOA_X

ClientSampleId :

MW-14

Tot Ion: 43 Resp: 8356

Ion Ratio Lower Upper

43 100

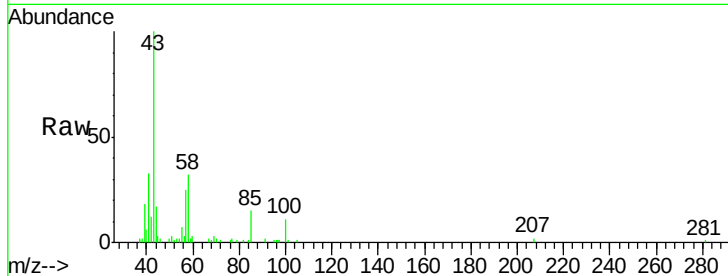
58 34.2 28.5 42.7

Manual Integrations

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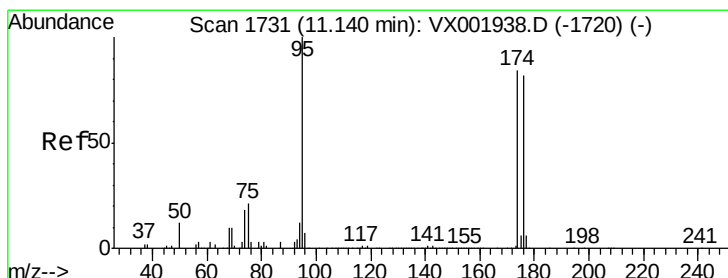
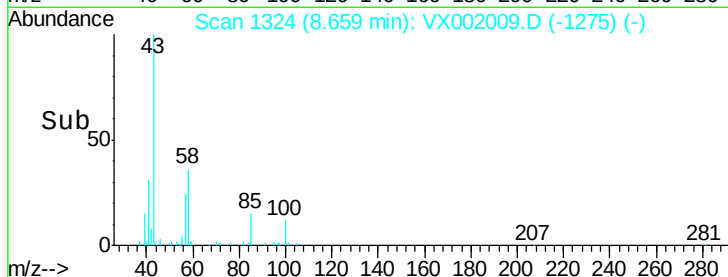
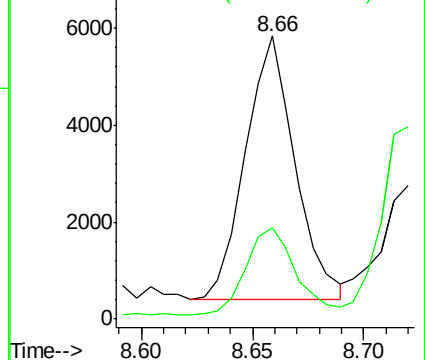
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#62

4-Bromofluorobenzene

Concen: 44.73 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002009.D

Acq: 26 May 2018 06:21

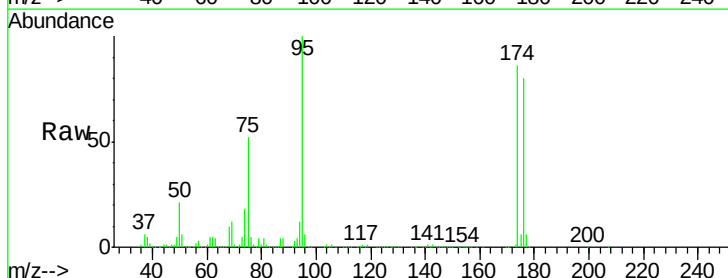
Tgt Ion: 95 Resp: 270452

Ion Ratio Lower Upper

95 100

174 91.6 0.0 178.8

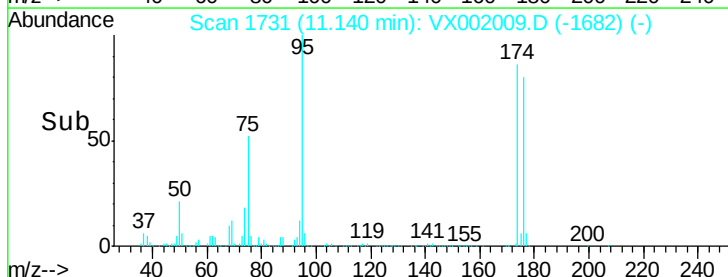
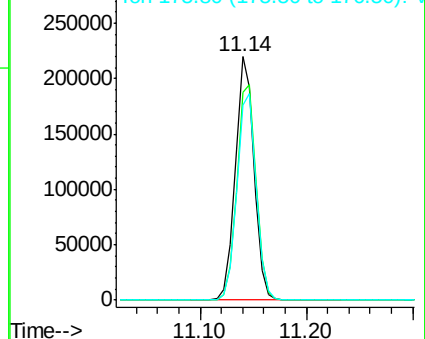
176 88.0 0.0 175.6

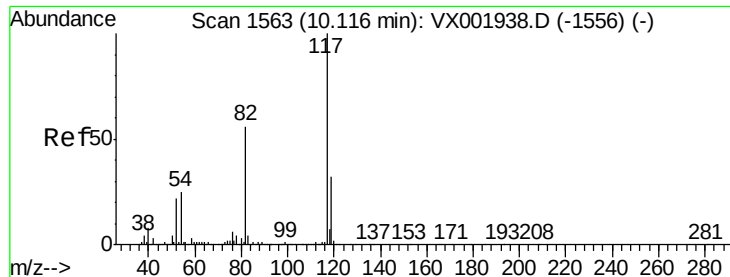


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





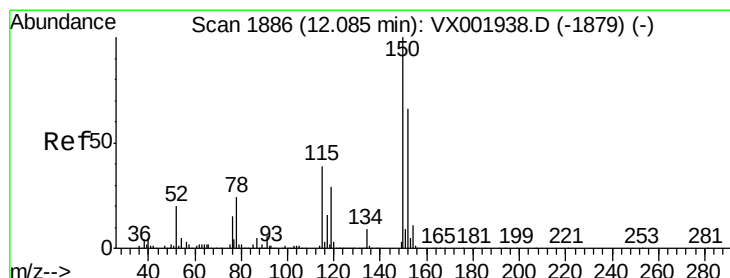
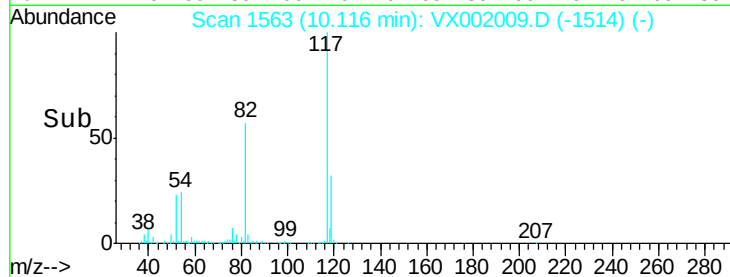
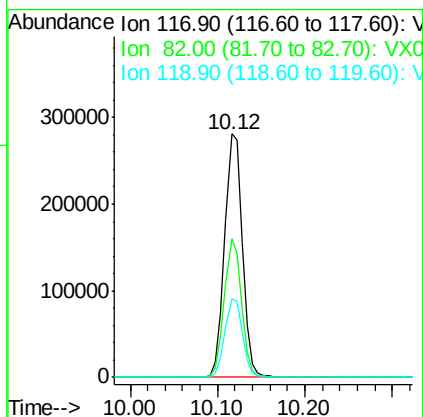
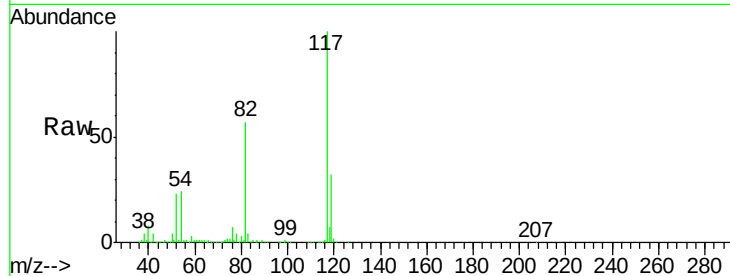
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002009.D
Acq: 26 May 2018 06:21

Instrument :
MSVOA_X
ClientSampled :
MW-14

Tot Ion	Ratio	Resp	Lower	Upper
117	100	394080		
82	57.1	44.8	67.2	
119	32.3	25.5	38.3	

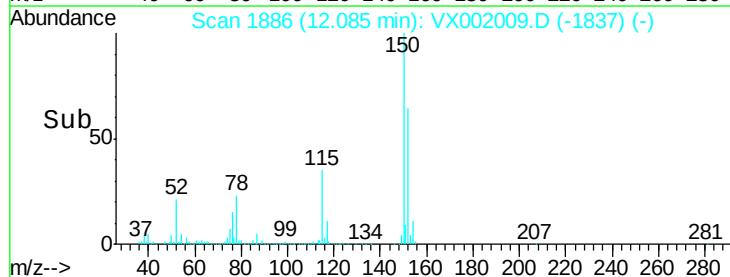
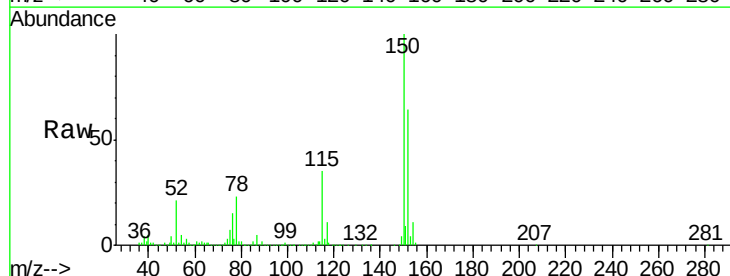
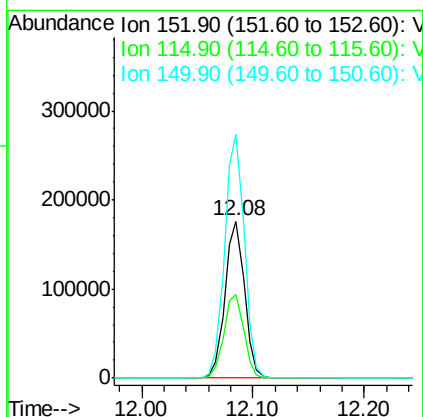
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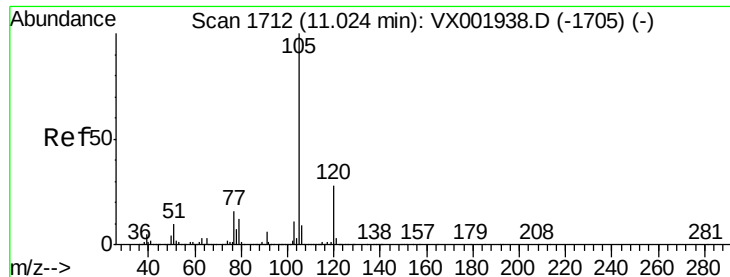
apatel
5/29/2018 5:03:08 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002009.D
Acq: 26 May 2018 06:21

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	212586		
115	54.9	42.3	126.8	
150	156.9	0.0	351.0	





#73

Isopropylbenzene

Concen: 0.52 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002009.D

Acq: 26 May 2018 06:21

Instrument :

MSVOA_X

ClientSampled :

MW-14

Tot Ion:105 Resp: 9315

Ion Ratio Lower Upper

105 100

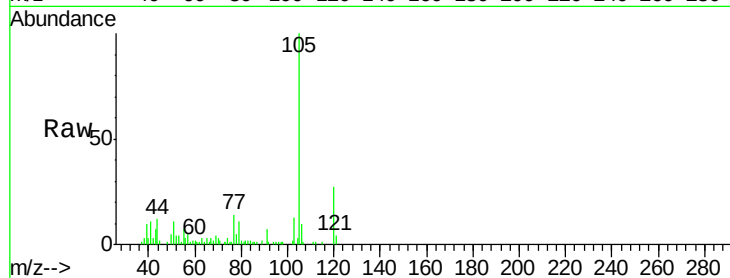
120 26.6 13.6 40.7

Manual Integrations

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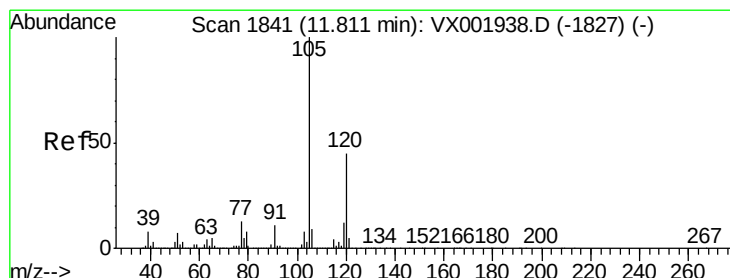
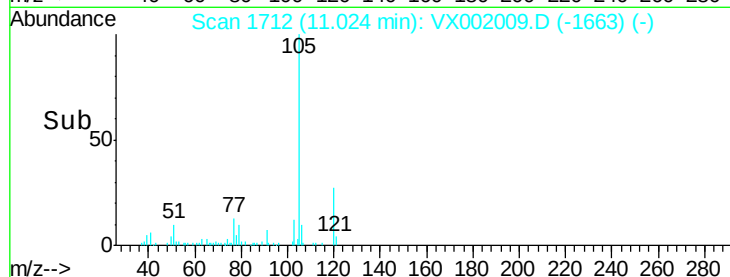
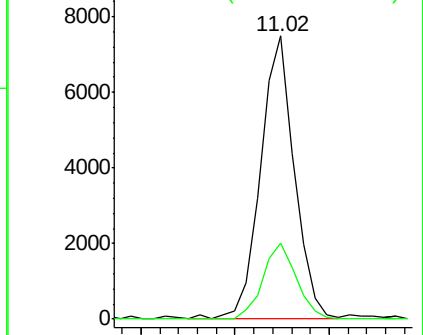
apatel

5/29/2018 5:03:08 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 0.50 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002009.D

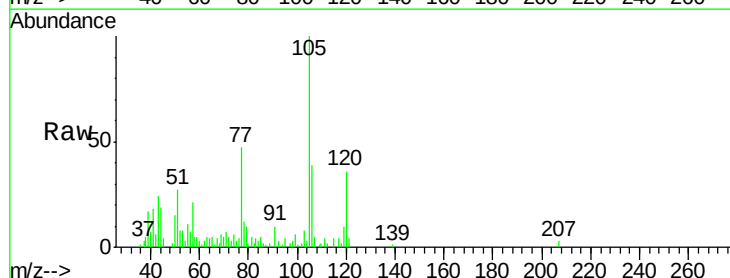
Acq: 26 May 2018 06:21

Tgt Ion:105 Resp: 7964

Ion Ratio Lower Upper

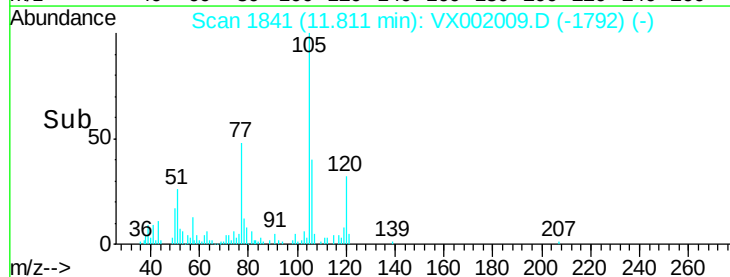
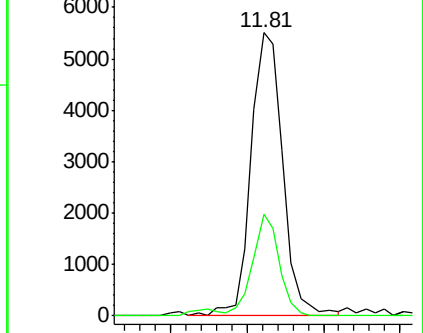
105 100

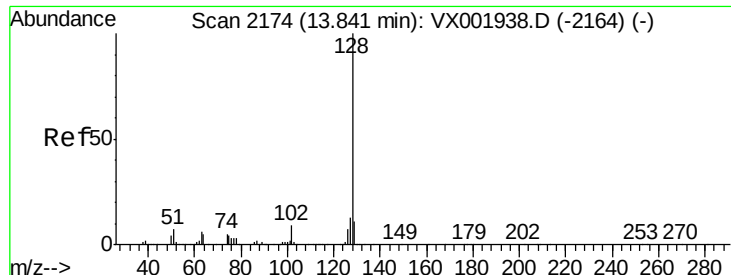
120 29.8 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 1.23 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002009.D
Acq: 26 May 2018 06:21

Instrument :
MSVOA_X
ClientSampleId :
MW-14

Tot Ion	Ratio	Resp	Lower	Upper
128	100	23709		
127	14.2		10.4	15.6
129	13.4		8.8	13.2#

Manual Integrations
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5/29/2018 5:03:08 PM

