

Data Path : W:\HPCHEM1\MSVOA X\DATA\WX052618\
 Data File : VX002053.D
 Acq On : 27 May 2018 07:23
 Operator : JC/MD
 Sample : J2679-26
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EO-03-052418-A

Manual Integrations
 APPROVED

MMDadoda
 5/30/2018 1:50:17 PM

Quant Time: May 28 05:53:23 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	1681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	1595	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	738	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	30784	1024.50	ug/l	0.00
Spiked Amount	50.000		Recovery	= 2049.00%		
35) Dibromofluoromethane	5.51	113	22785	1428.52	ug/l	0.00
Spiked Amount	50.000		Recovery	= 2857.04%		
50) Toluene-d8	8.72	98	64306	1113.63	ug/l	0.00
Spiked Amount	50.000		Recovery	= 2227.26%		
62) 4-Bromofluorobenzene	11.14	95	21528	952.86	ug/l	0.00
Spiked Amount	50.000		Recovery	= 1905.72%		
Target Compounds						Qvalue
16) Acetone	2.45	43	16409	1415.01	ug/l	100
18) Methyl Acetate	2.78	43	25334	926.81	ug/l	97
20) Methylene Chloride	2.86	84	63619	3276.08	ug/l	97
30) Chloroform	5.23	83	1655m	36.97	ug/l	
52) Toluene	8.79	92	388	9.38	ug/l #	62
64) Tetrachloroethene	9.35	164	159	10.76	ug/l #	57
67) Ethyl Benzene	10.25	91	680	11.98	ug/l #	83
68) m/p-Xylenes	10.36	106	640	29.50	ug/l	81
69) o-Xylene	10.71	106	475	21.93	ug/l	95
78) n-propylbenzene	11.37	91	882	12.60	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	1550	29.02	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	6607	119.71	ug/l	99
85) sec-Butylbenzene	11.95	105	587	9.32	ug/l	85
95) Naphthalene	13.84	128	34772	521.68	ug/l	99

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

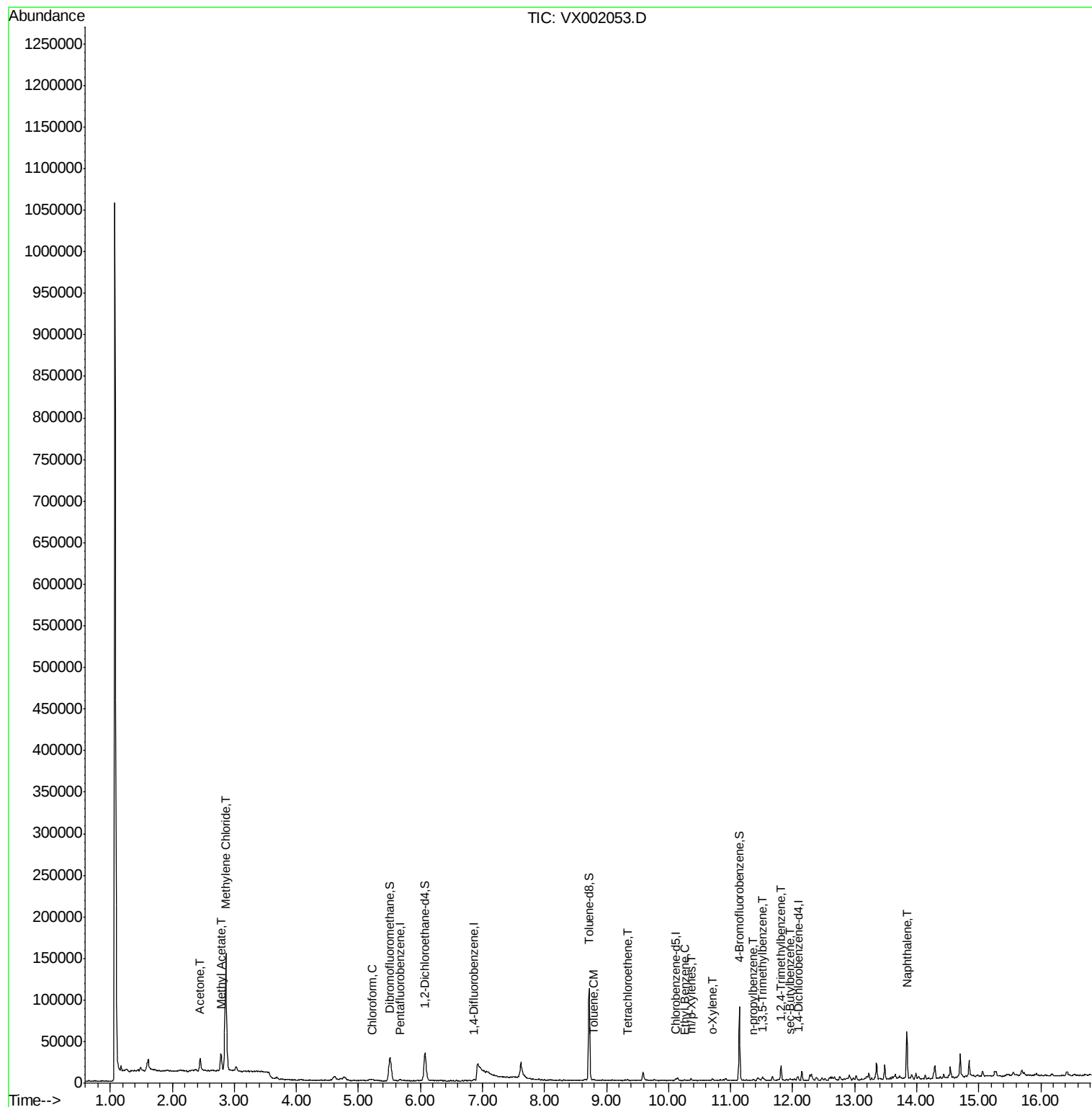
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
Data File : VX002053.D
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5/30/2018 1:50:17 PM

Quant Time: May 28 05:53:23 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

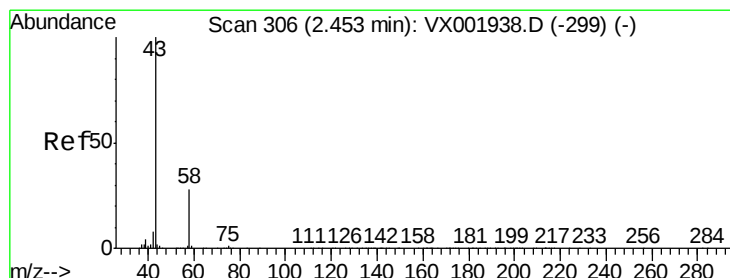
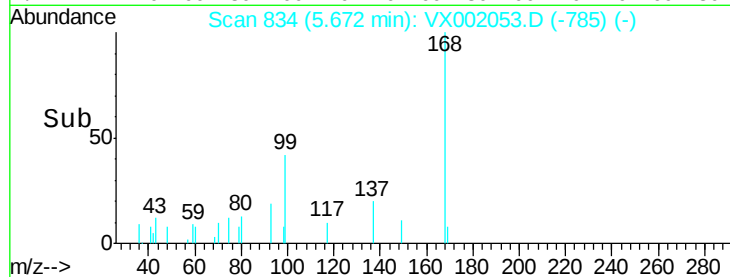
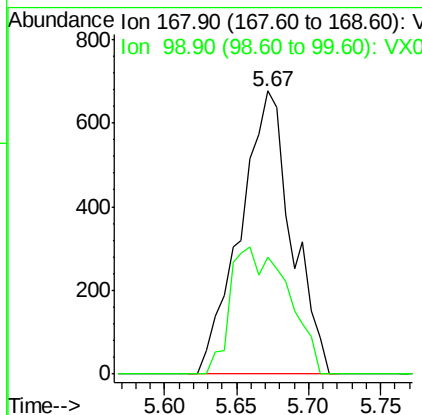
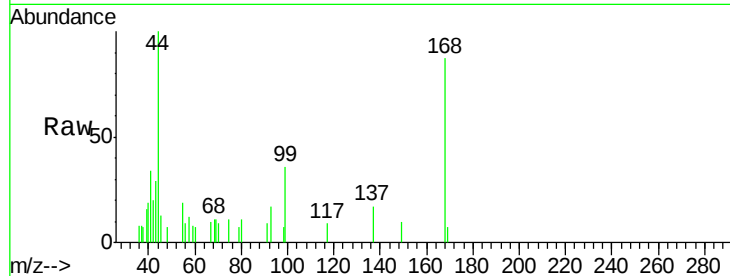
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX002053.D
Acq: 27 May 2018 07:23

Instrument :
MSVOA_X
ClientSampleId :
EO-03-052418-A

Tot Ion	Ratio	Resp	Lower	Upper
168	100	1681		
99	41.6		41.0	61.4

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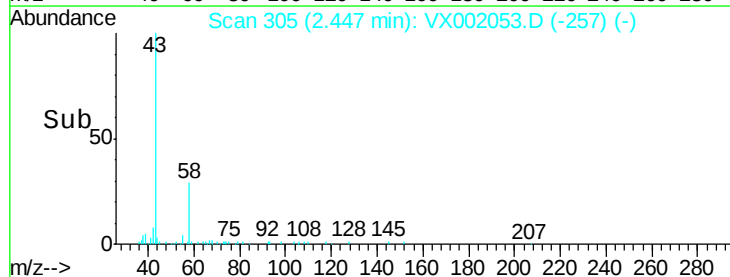
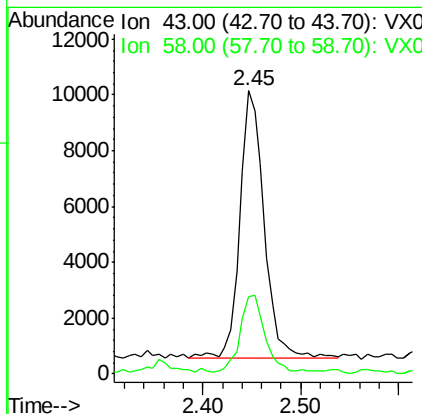
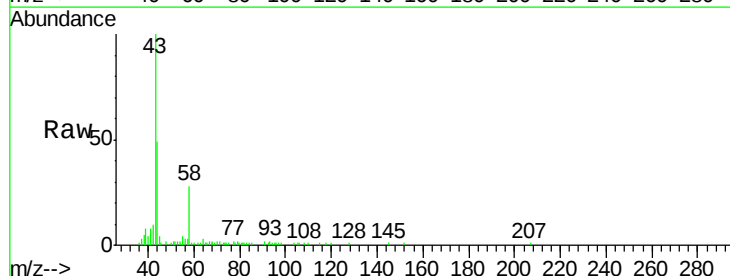
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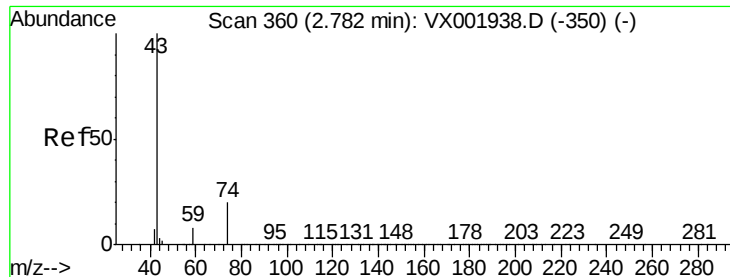


#16

Acetone
Concen: 1415.01 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002053.D
Acq: 27 May 2018 07:23

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	16409		
58	27.8		22.3	33.5





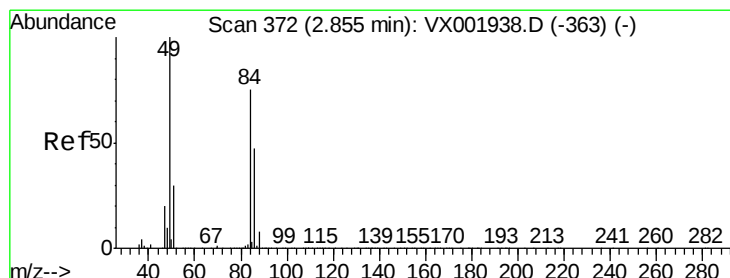
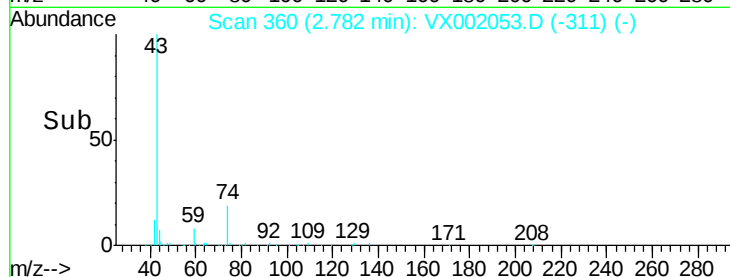
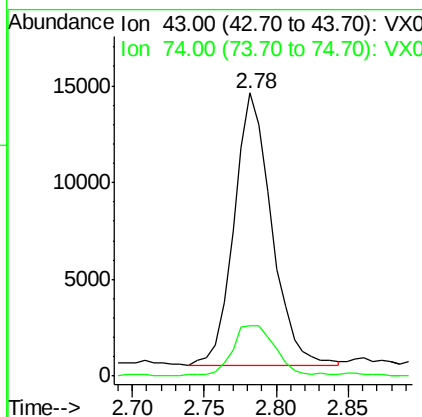
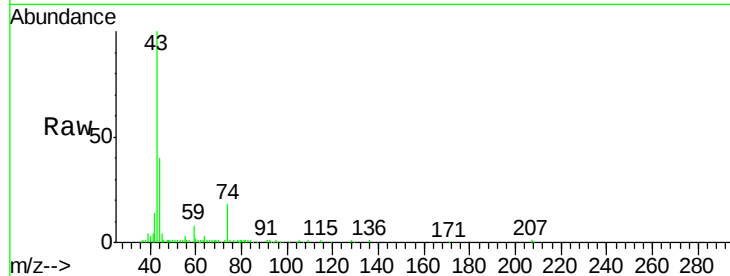
#18
Methvl Acetate
Concen: 926.81 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002053.D
Acq: 27 May 2018 07:23

Instrument :
MSVOA_X
ClientSampleId :
EO-03-052418-A

Tot Ion	Ratio	Lower	Upper
43	100		
74	22.4	16.8	25.2

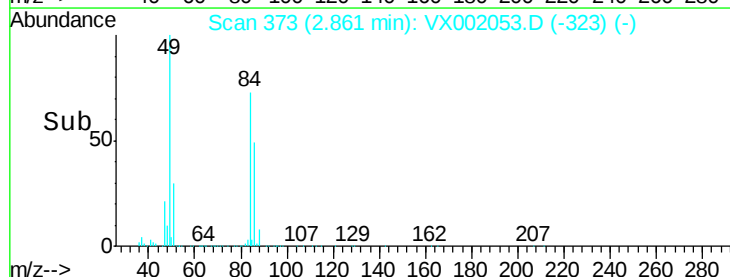
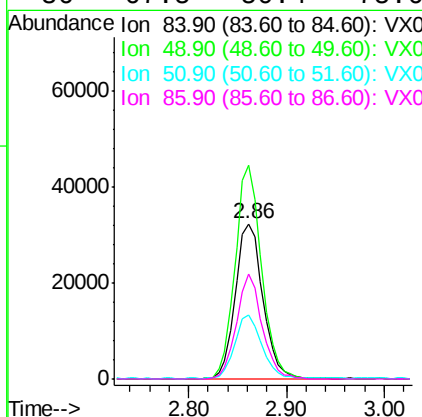
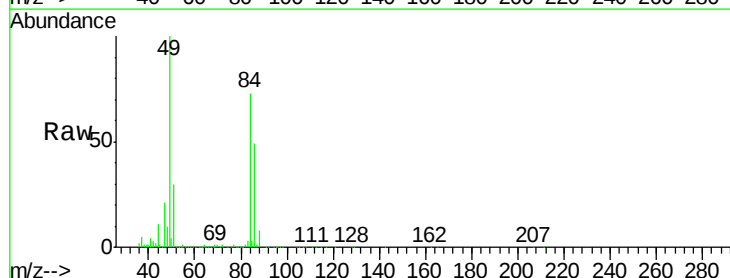
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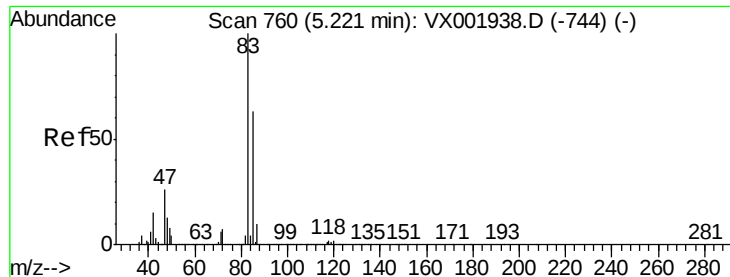
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#20
Methylene Chloride
Concen: 3276.08 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002053.D
Acq: 27 May 2018 07:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	137.4	107.2	160.8
51	41.0	32.4	48.6
86	67.5	50.4	75.6





#30

Chloroform

Concen: 36.97 ug/l m

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX002053.D

Acq: 27 May 2018 07:23

Tot Ion: 83 Resp: 1655

Ion Ratio Lower Upper

83 100

85 70.8 50.9 76.3

Instrument :

MSVOA_X

ClientSampleId :

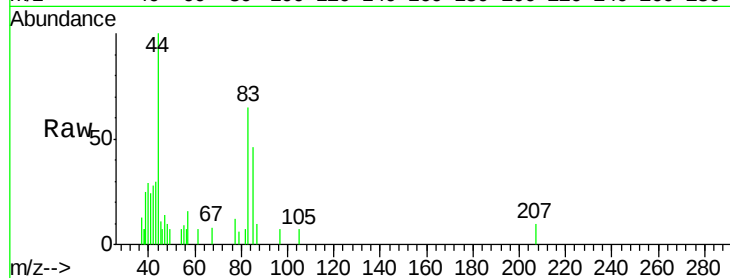
EO-03-052418-A

Manual Integrations

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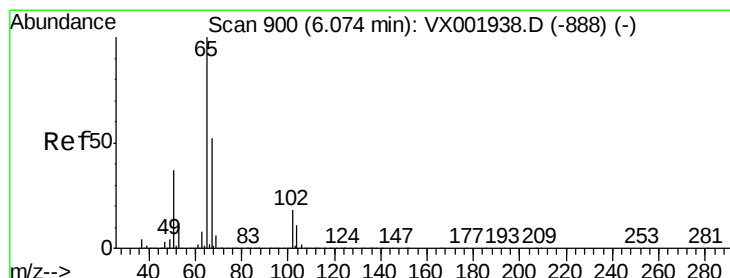
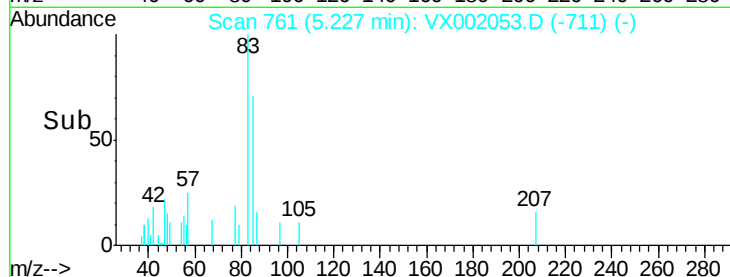


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

5.23

Time-->



#33

1,2-Dichloroethane-d4

Concen: 1024.50 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002053.D

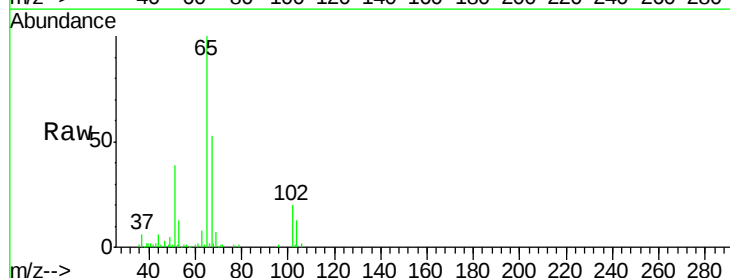
Acq: 27 May 2018 07:23

Tgt Ion: 65 Resp: 30784

Ion Ratio Lower Upper

65 100

67 55.6 0.0 104.0

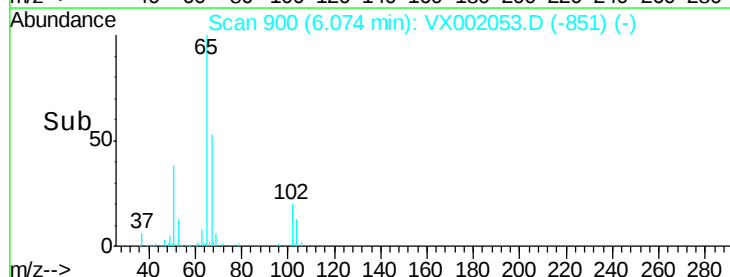


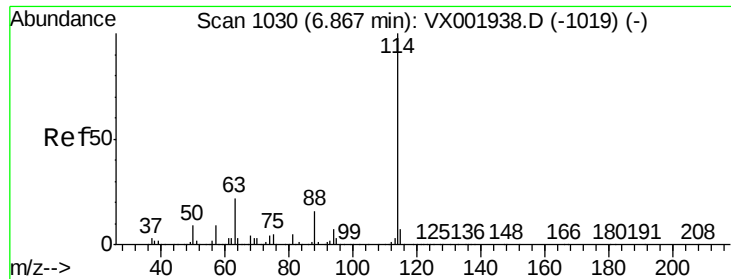
Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002053.D

Acq: 27 May 2018 07:23

Instrument :

MSVOA_X

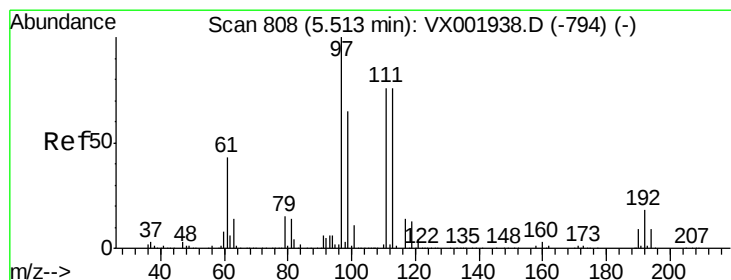
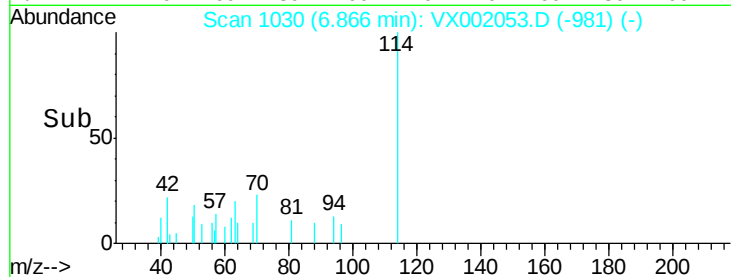
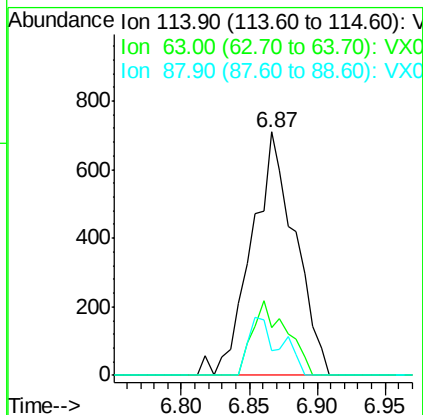
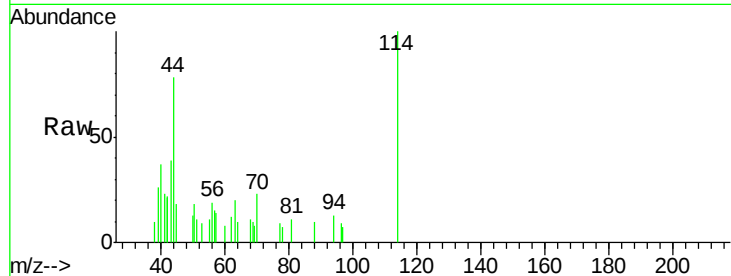
ClientSampleId :

EO-03-052418-A

Tot Ion:	114	Resp:	1595
Ion Ratio	Lower	Upper	
114	100		
63	19.7	0.0	43.2
88	10.3	0.0	31.6

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#35

Dibromofluoromethane

Concen: 1428.52 ug/l

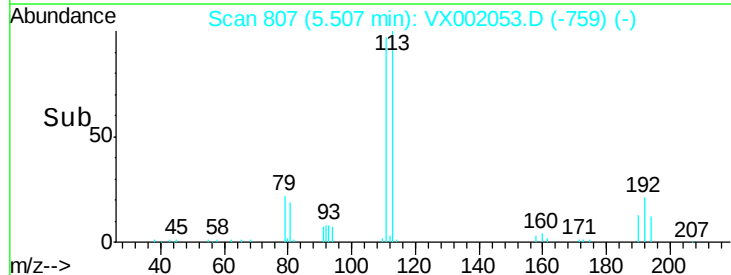
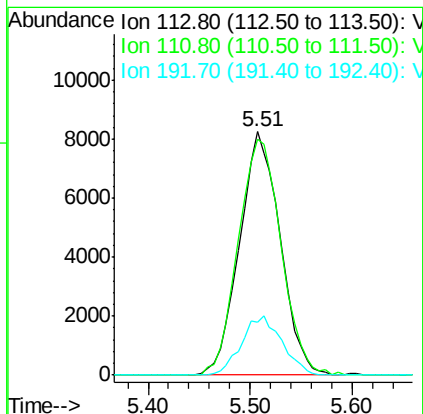
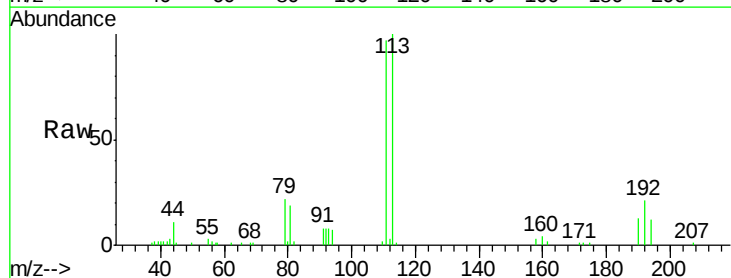
RT: 5.51 min Scan# 807

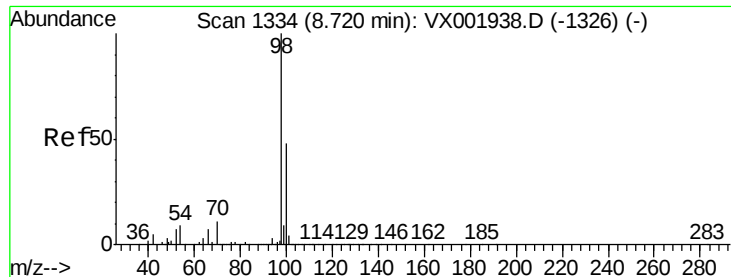
Delta R.T. -0.01 min

Lab File: VX002053.D

Acq: 27 May 2018 07:23

Tgt Ion:	113	Resp:	22785
Ion Ratio	Lower	Upper	
113	100		
111	102.4	82.0	123.0
192	24.1	18.9	28.3





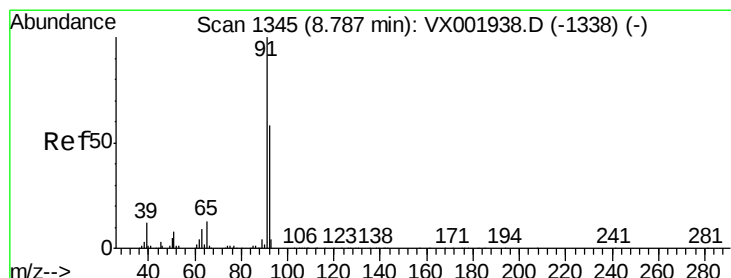
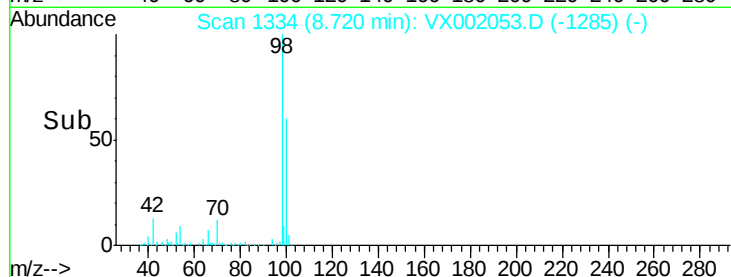
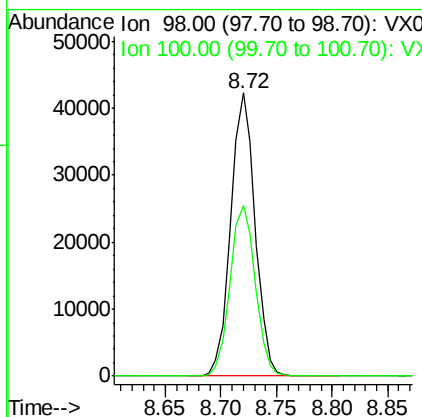
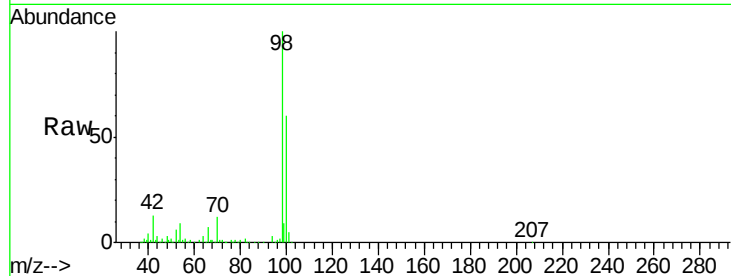
#50
Toluene-d8
Concen: 1113.63 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002053.D
Acq: 27 May 2018 07:23

Instrument :
MSVOA_X
ClientSampleId :
EO-03-052418-A

Tot Ion	98	Resp	64306
Ion Ratio	100	Lower	Upper
98	100	51.5	77.3
100	62.2		

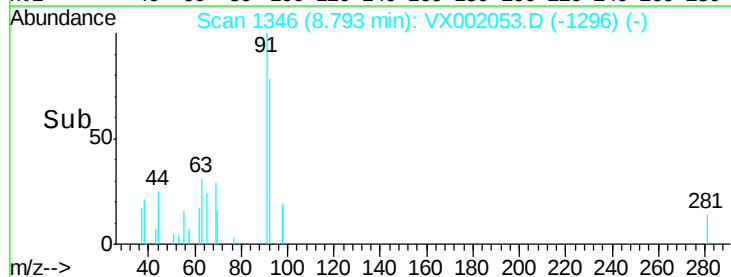
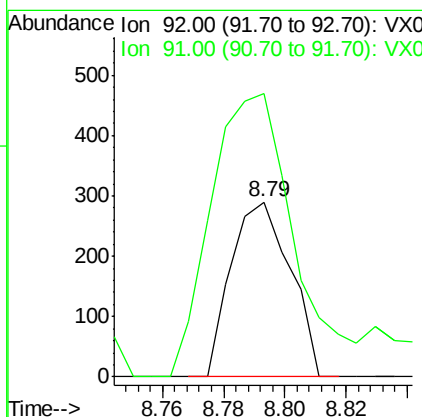
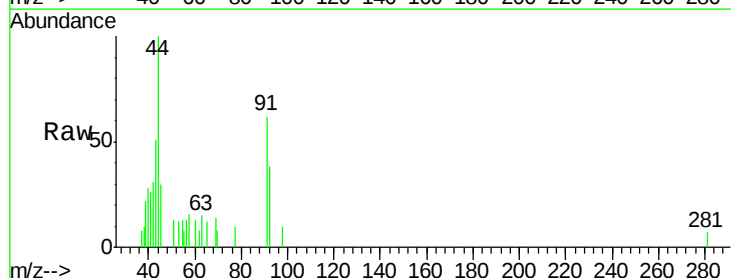
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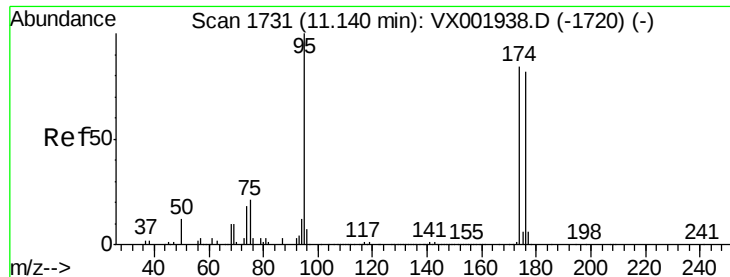
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#52
Toluene
Concen: 9.38 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.01 min
Lab File: VX002053.D
Acq: 27 May 2018 07:23

Tgt Ion	92	Resp	388
Ion Ratio	100	Lower	Upper
92	100	139.4	209.2#
91	227.6		





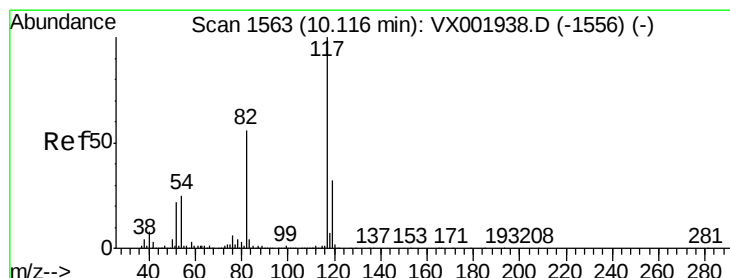
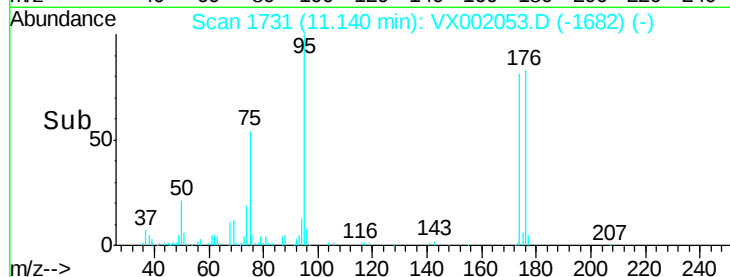
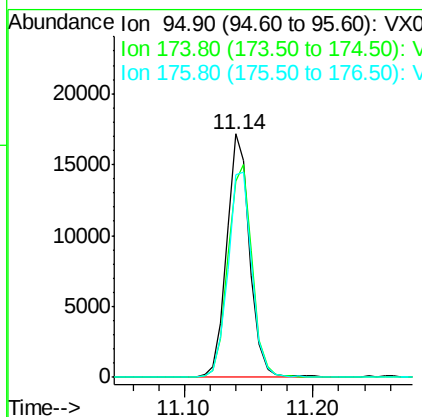
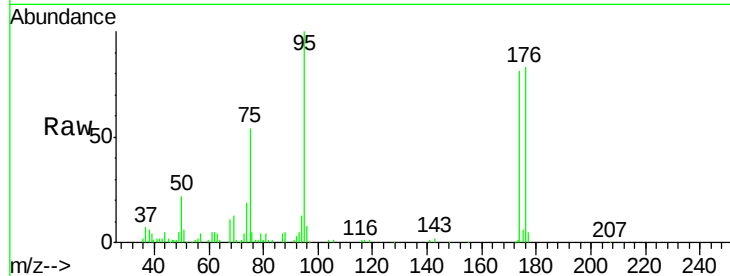
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4-Bromofluorobenzene
Concen: 952.86 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002053.D
Acq: 27 May 2018 07:23

Instrument :
MSVOA_X
ClientSampleId :
EO-03-052418-A

Tot Ion	Ratio	Lower	Upper
95	100		
174	91.8	0.0	178.8
176	88.0	0.0	175.6

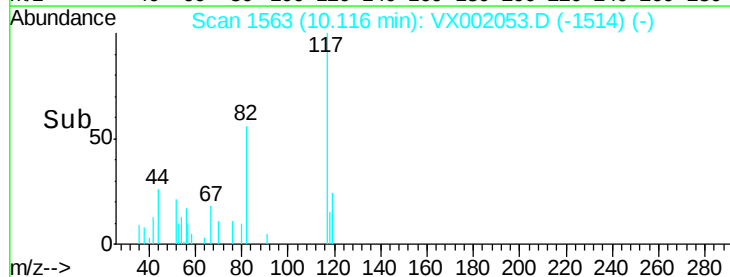
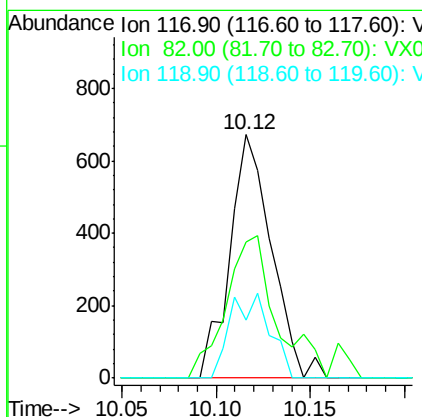
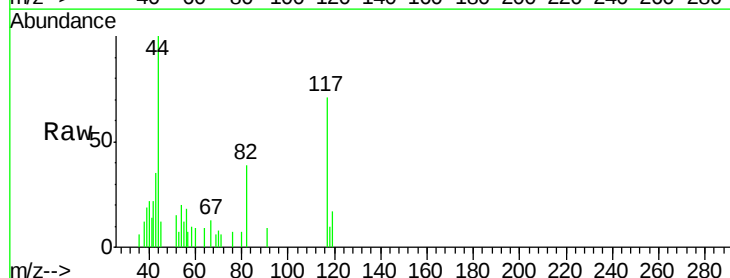
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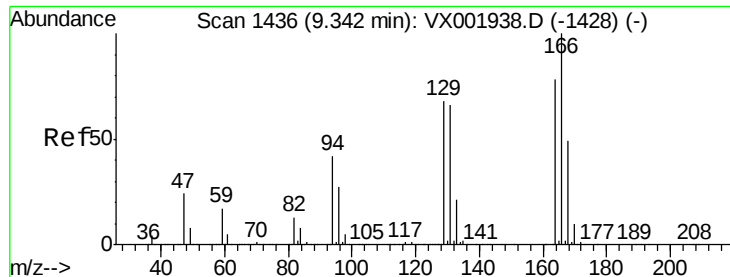
MMDadoda
5/30/2018 1:50:17 PM



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002053.D
Acq: 27 May 2018 07:23

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.8	67.2
119	24.1	25.5	38.3





#64

Tetrachloroethene

Concen: 10.76 ug/l

RT: 9.35 min Scan# 1437

Delta R.T. 0.01 min

Lab File: VX002053.D

Acq: 27 May 2018 07:23

Instrument :

MSVOA_X

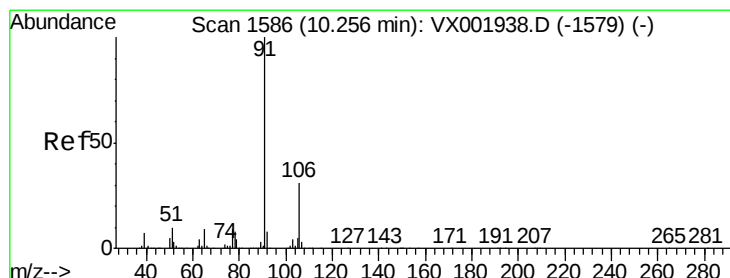
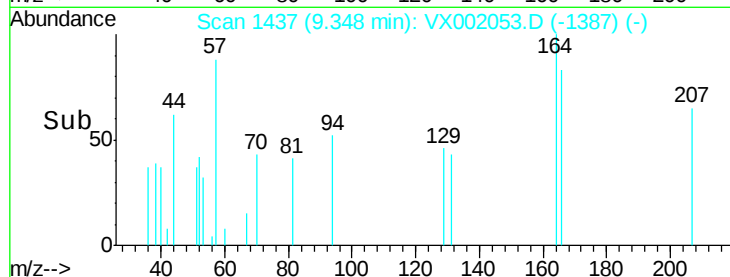
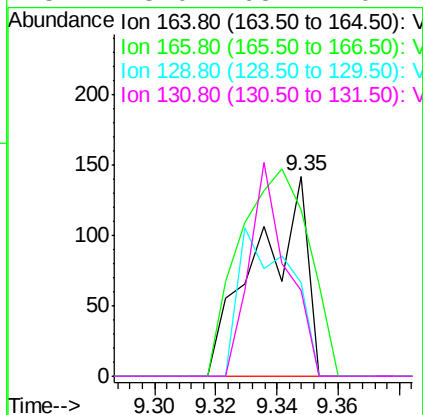
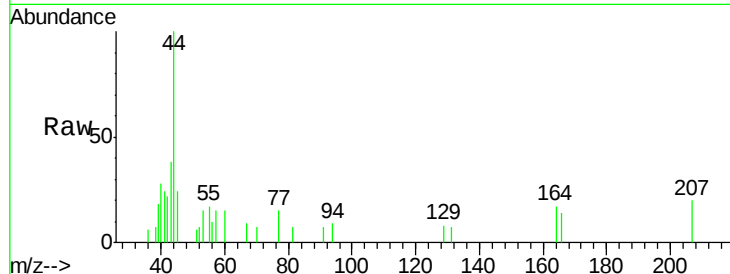
ClientSampleId :

EO-03-052418-A

Tot Ion:	164	Resp:	159
Ion	Ratio	Lower	Upper
164	100		
166	83.1	102.7	154.1#
129	46.5	70.3	105.5#
131	43.0	68.2	102.4#

Manual Integrations
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#67

Ethyl Benzene

Concen: 11.98 ug/l

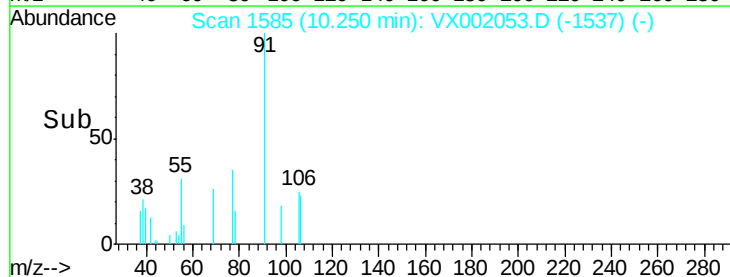
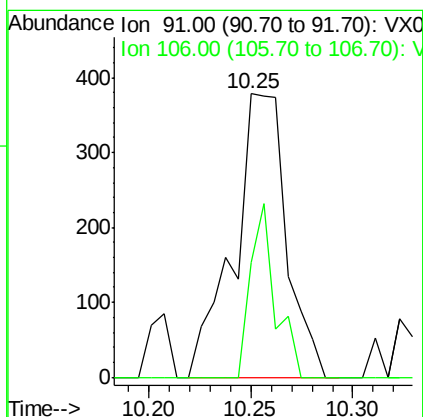
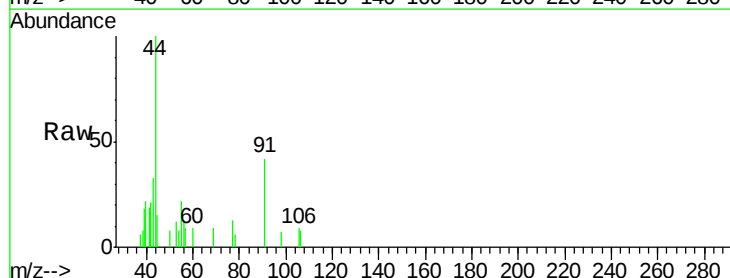
RT: 10.25 min Scan# 1585

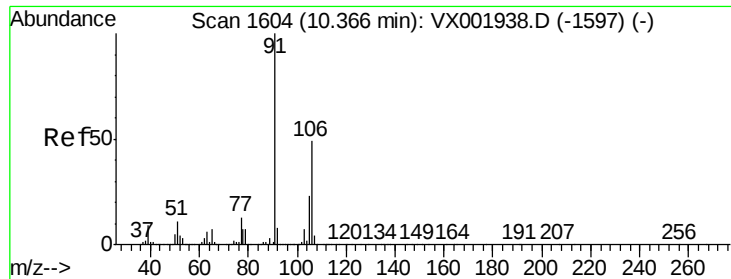
Delta R.T. -0.01 min

Lab File: VX002053.D

Acq: 27 May 2018 07:23

Tgt Ion:	91	Resp:	680
Ion	Ratio	Lower	Upper
91	100		
106	40.7	25.0	37.6#





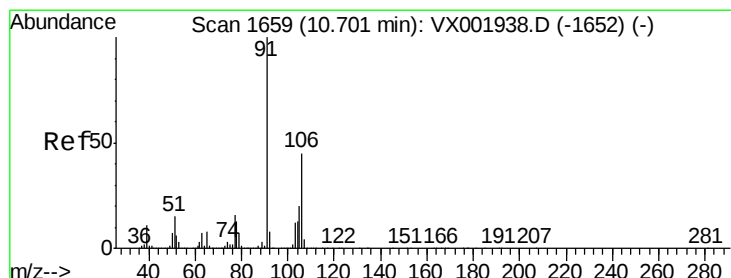
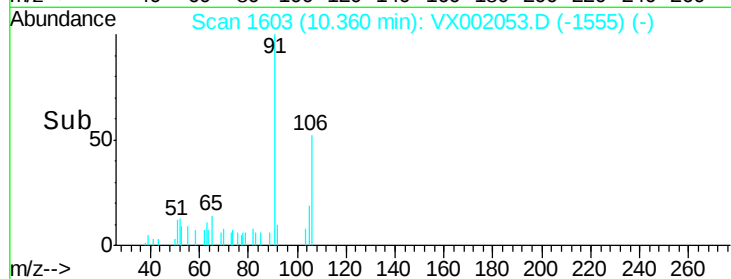
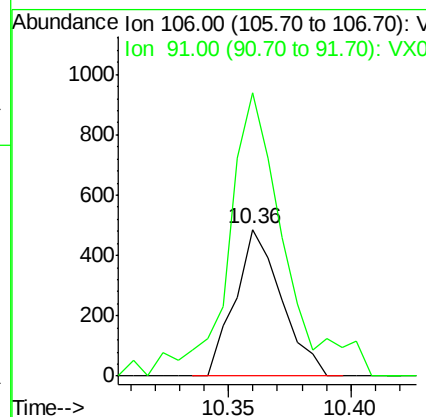
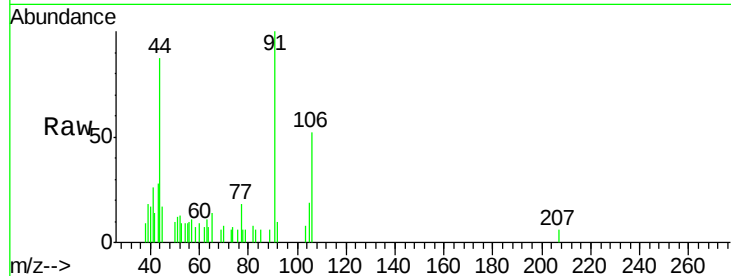
#68
m/p-Xylenes
Concen: 29.50 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002053.D
Acq: 27 May 2018 07:23

Instrument :
MSVOA_X
ClientSampled :
EO-03-052418-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	236.1	165.0	640	247.6	

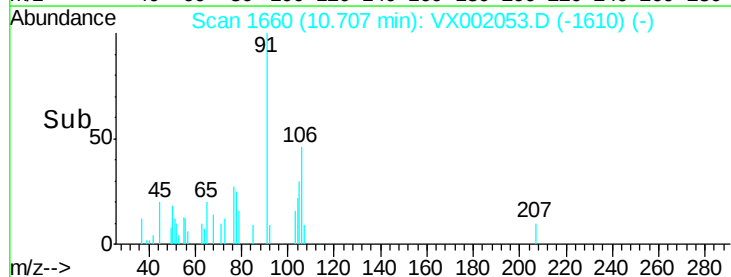
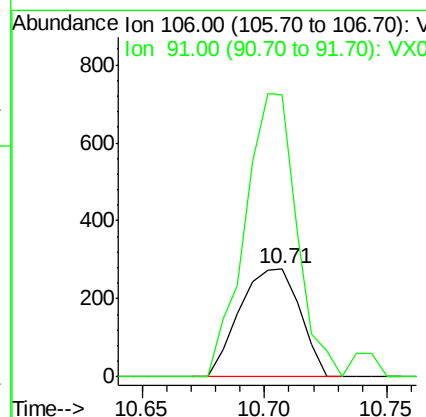
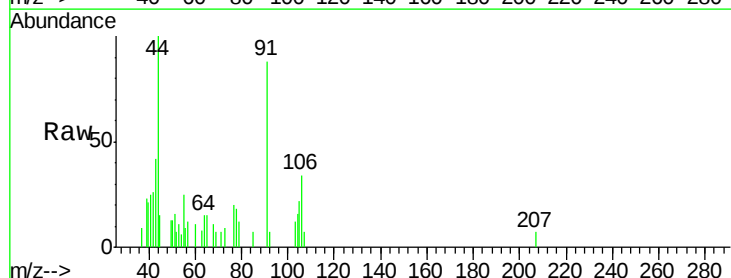
Manual Integrations
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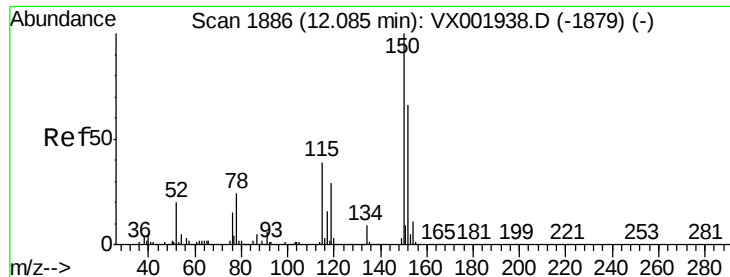
MMDadoda
5/30/2018 1:50:17 PM



#69
o-Xylene
Concen: 21.93 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX002053.D
Acq: 27 May 2018 07:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	225.5	108.7	475	325.9	





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002053.D

Acq: 27 May 2018 07:23

Instrument :

MSVOA_X

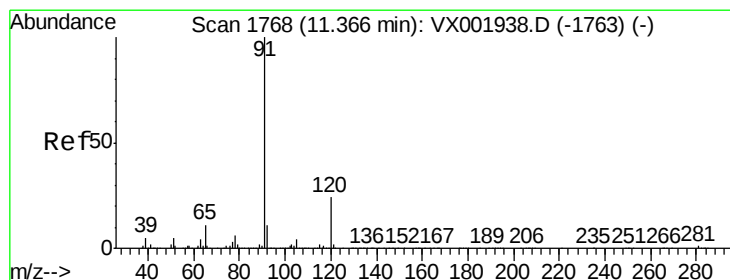
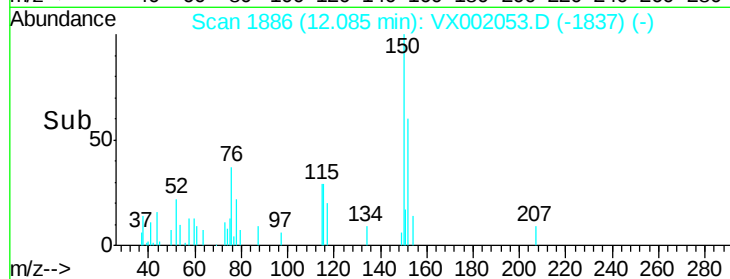
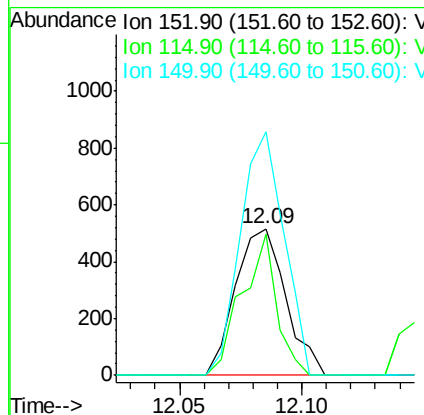
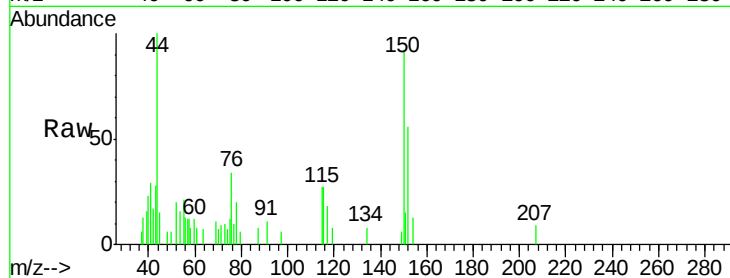
ClientSampleId :

EO-03-052418-A

Tot Ion:	152	Resp:	738
Ion	Ratio	Lower	Upper
152	100		
115	67.1	42.3	126.8
150	144.6	0.0	351.0

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#78

n-propylbenzene

Concen: 12.60 ug/l

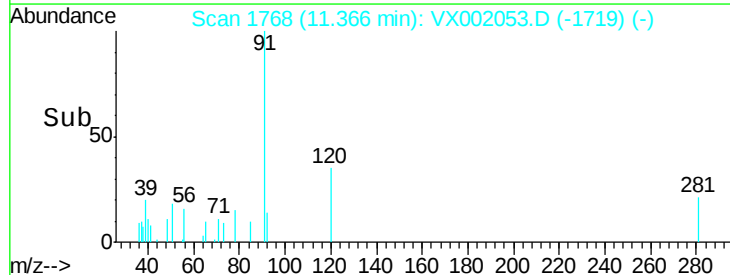
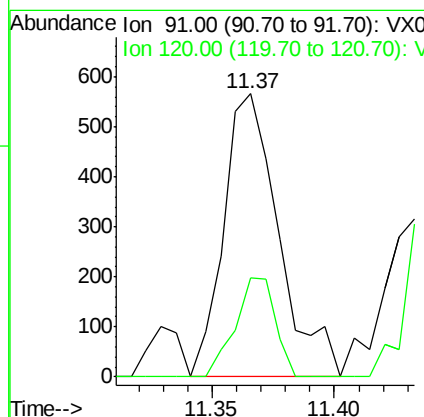
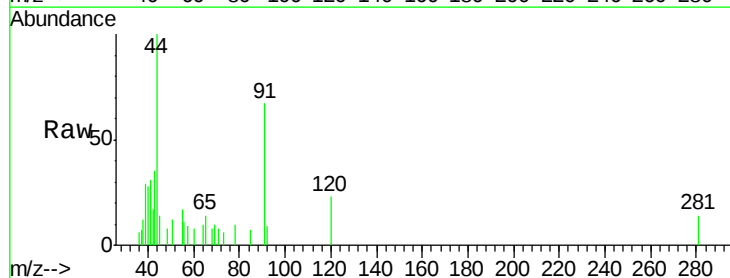
RT: 11.37 min Scan# 1768

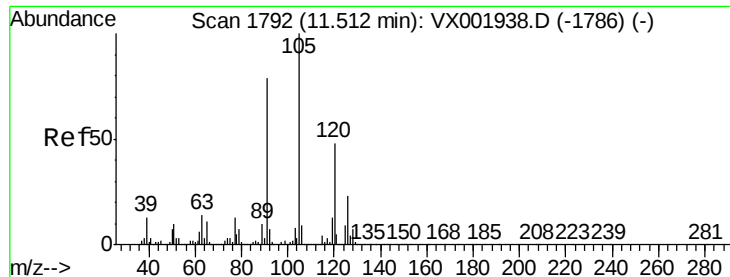
Delta R.T. -0.00 min

Lab File: VX002053.D

Acq: 27 May 2018 07:23

Tgt Ion:	91	Resp:	882
Ion	Ratio	Lower	Upper
91	100		
120	25.5	11.9	35.7





#80

1,3,5-Trimethylbenzene

Concen: 29.02 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002053.D

Acq: 27 May 2018 07:23

Instrument :

MSVOA_X

ClientSampleId :

EO-03-052418-A

Tot Ion:105 Resp: 1550

Ion Ratio Lower Upper

105 100

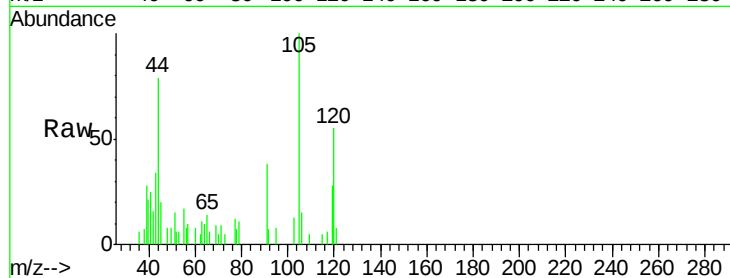
120 52.6 24.1 72.4

Manual Integrations

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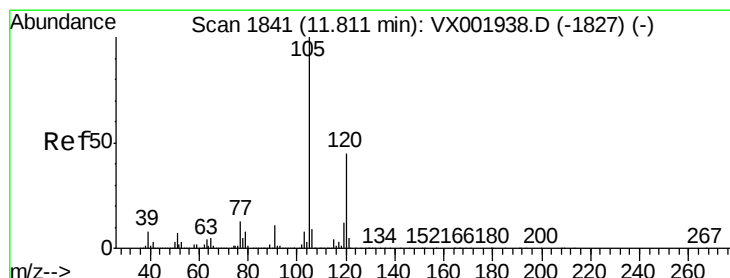
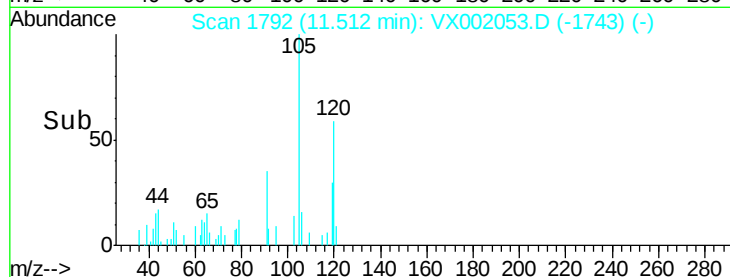
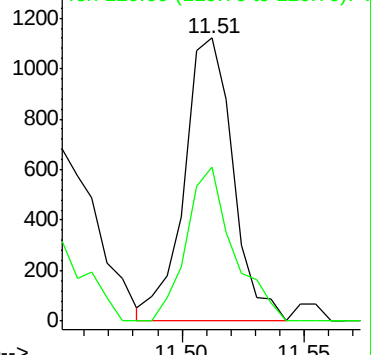
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 119.71 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002053.D

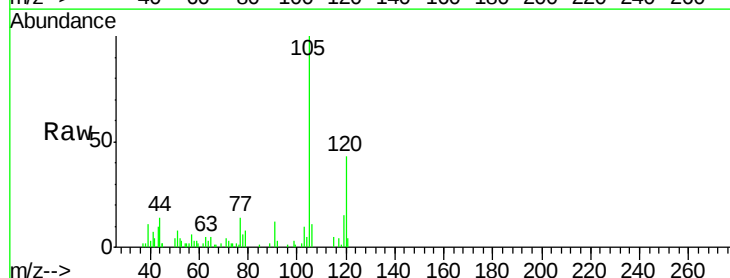
Acq: 27 May 2018 07:23

Tgt Ion:105 Resp: 6607

Ion Ratio Lower Upper

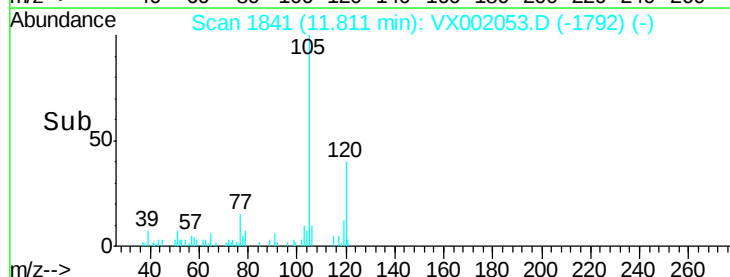
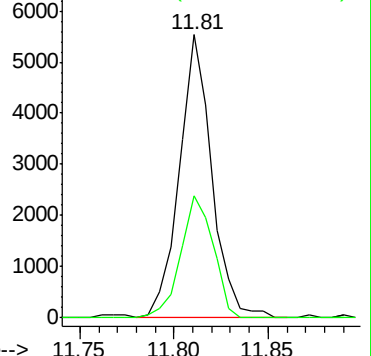
105 100

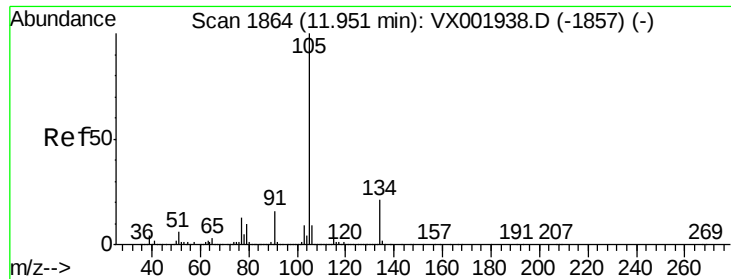
120 43.4 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





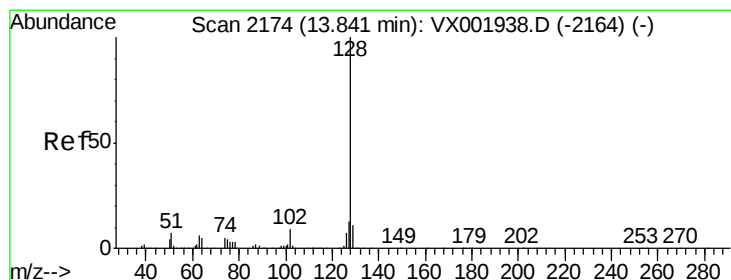
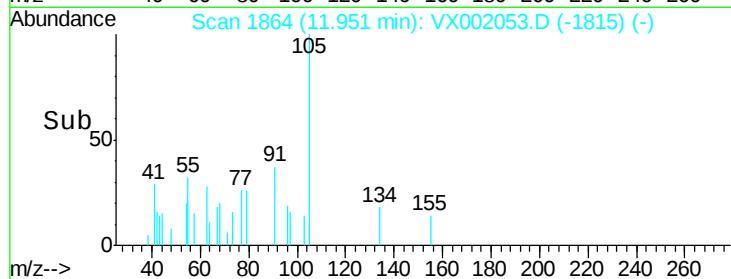
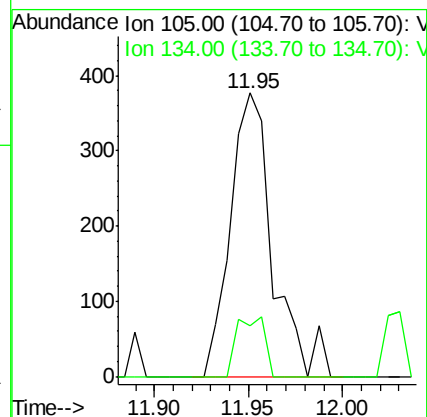
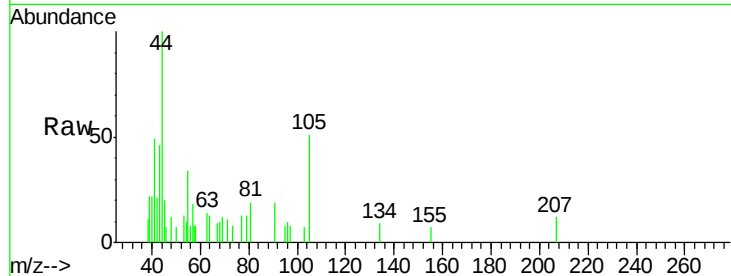
#85
 sec-Butylbenzene
 Concen: 9.32 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002053.D
 Acq: 27 May 2018 07:23

Instrument :
 MSVOA_X
 ClientSampleId :
 EO-03-052418-A

Tot Ion	Ratio	Lower	Upper
105	100		
134	14.0	10.4	31.4

Manual Integrations
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#95
 Naphthalene
 Concen: 521.68 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: VX002053.D
 Acq: 27 May 2018 07:23

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	11.3	8.8	13.2

