

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111618\
 Data File : VX006049.D
 Acq On : 16 Nov 2018 14:55
 Operator : JC/MD
 Sample : J5965-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1R

Manual Integrations
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MMDadoda
 11/19/2018 12:22:44 PM

Quant Time: Nov 17 01:35:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	144618	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	204491	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	184725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	84049	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	82205	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
35) Dibromofluoromethane	5.50	113	64762	46.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.12%	
50) Toluene-d8	8.71	98	233825	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
62) 4-Bromofluorobenzene	11.14	95	79585	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.06	59	12138	25.486	ug/l #	72
16) Acetone	2.45	43	1382	1.544	ug/l	94
22) Diisopropyl ether	3.87	45	4194	0.839	ug/l #	82
31) Cyclohexane	5.58	56	1721m	0.743	ug/l	
40) Benzene	6.14	78	17157	2.985	ug/l	97
65) Chlorobenzene	10.14	112	4142	1.119	ug/l	96
73) Isopropylbenzene	11.02	105	2987	0.615	ug/l	93
78) n-propylbenzene	11.36	91	4102	0.716	ug/l	97
85) sec-Butylbenzene	11.94	105	5164	1.011	ug/l	97
89) n-Butylbenzene	12.37	91	4300m	1.025	ug/l	
95) Naphthalene	13.83	128	2466	1.576	ug/l #	81

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

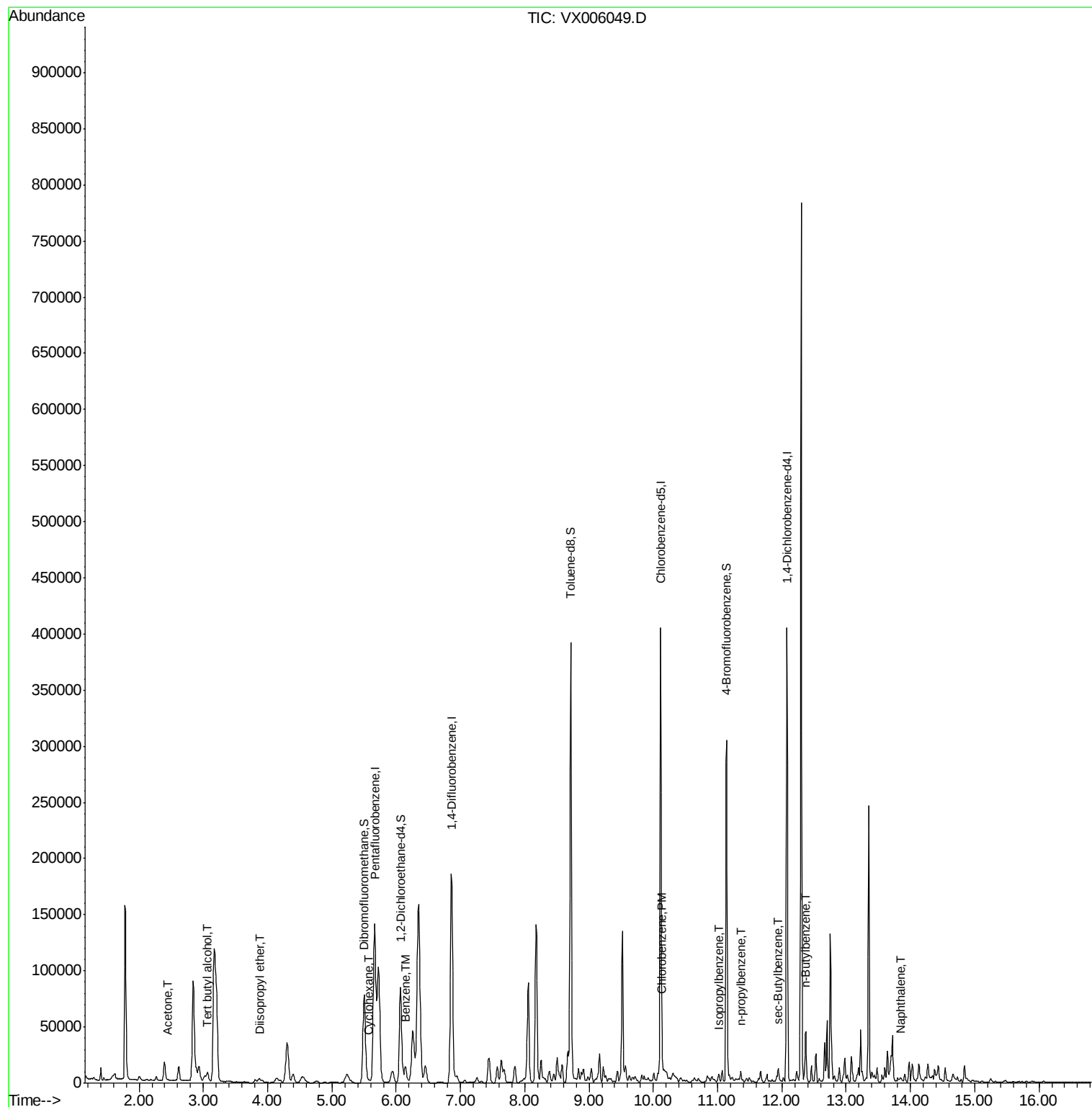
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX111618\
Data File : VX006049.D
Acq On : 16 Nov 2018 14:55
Operator : JC/MD
Sample : J5965-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

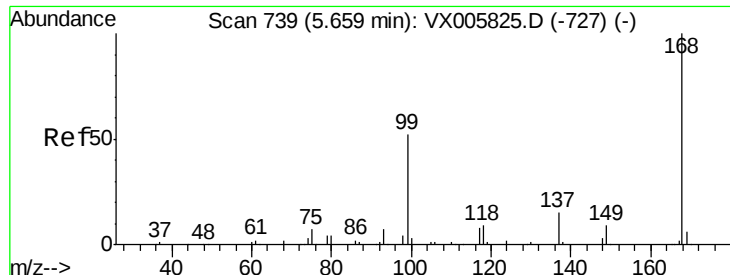
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

Manual Integrations
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Quant Time: Nov 17 01:35:18 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006049.D

Acq: 16 Nov 2018 14:55

Instrument :

MSVOA_X

ClientSampleId :

MW-1R

Tot Ion:168 Resp: 144618

Ion Ratio Lower Upper

168 100

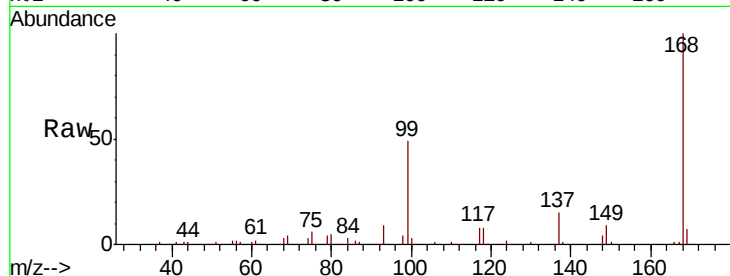
99 48.8 40.7 61.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

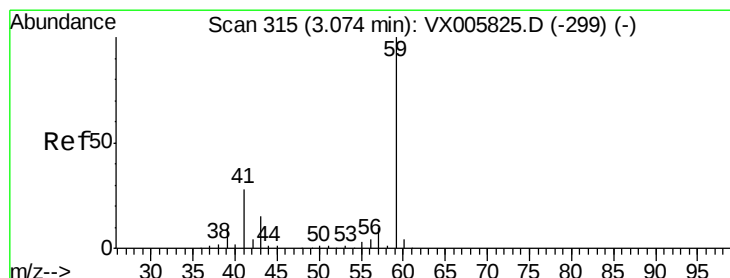
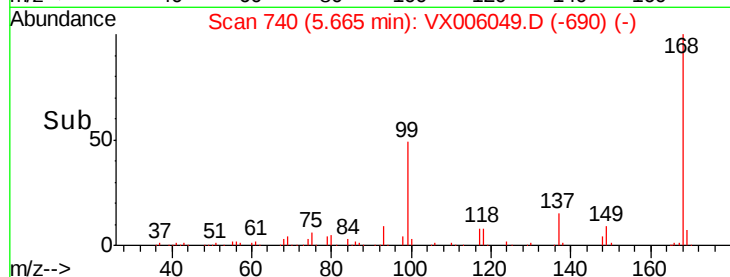
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 25.486 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.01 min

Lab File: VX006049.D

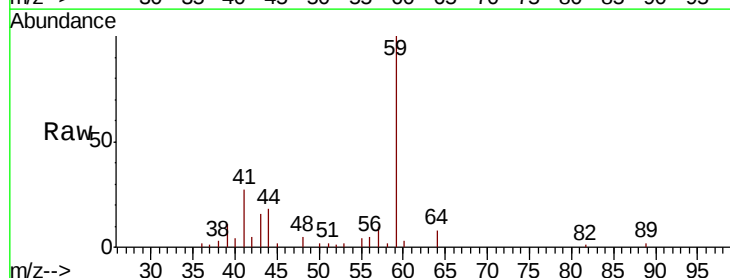
Acq: 16 Nov 2018 14:55

Tgt Ion: 59 Resp: 12138

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

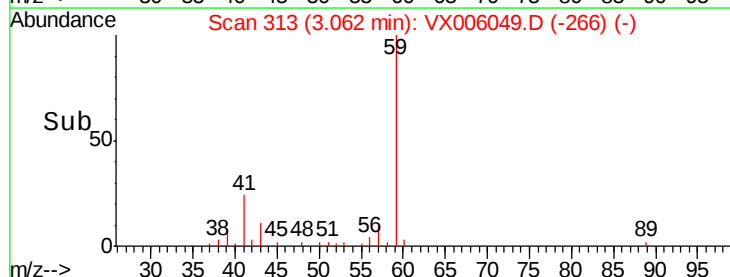
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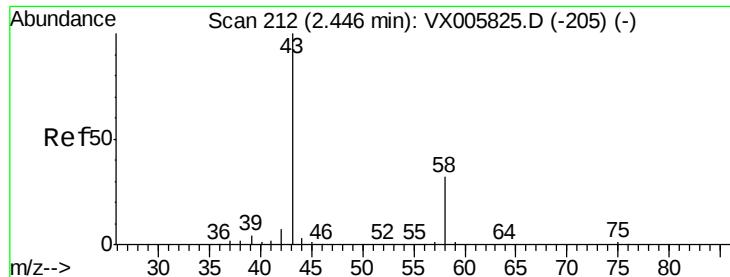
20000

10000

0

Time--> 2.90 3.00 3.10





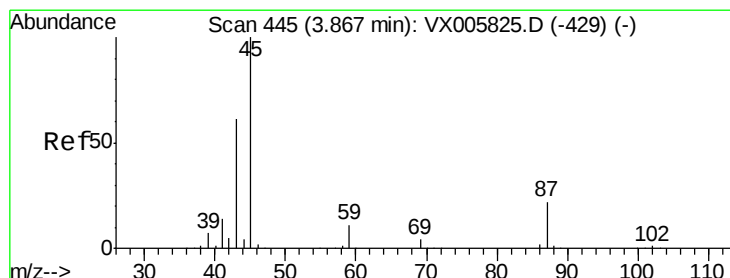
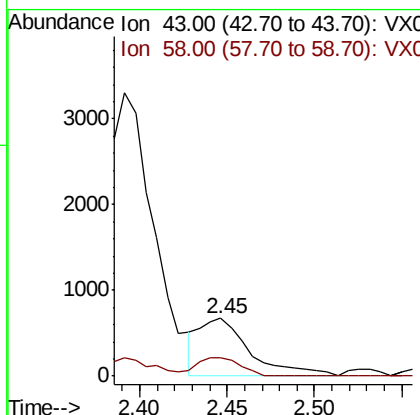
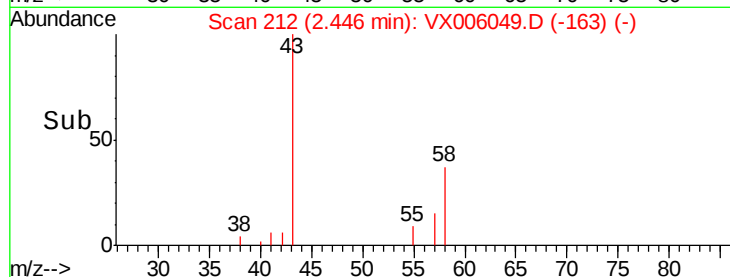
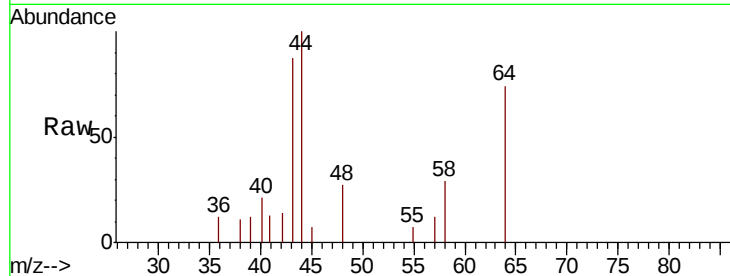
#16
Acetone
Concen: 1.544 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006049.D
Acq: 16 Nov 2018 14:55

Instrument :
MSVOA_X
ClientSampleId :
MW-1R

Tot Ion: 43 Resp: 1382
Ion Ratio Lower Upper
43 100
58 32.8 23.8 35.6

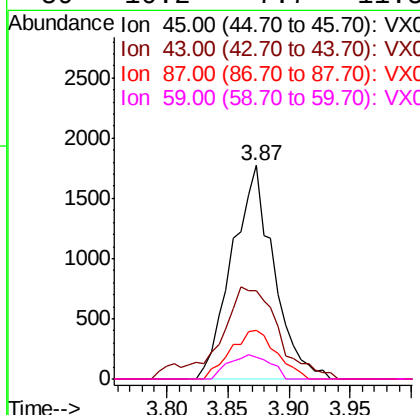
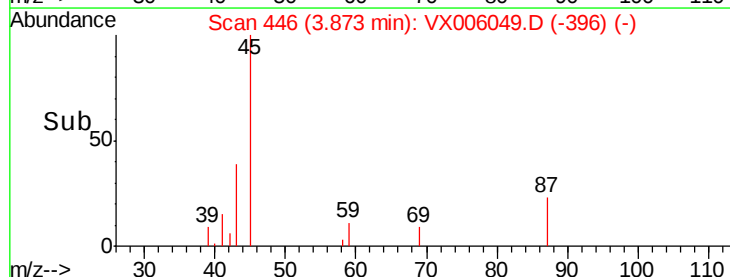
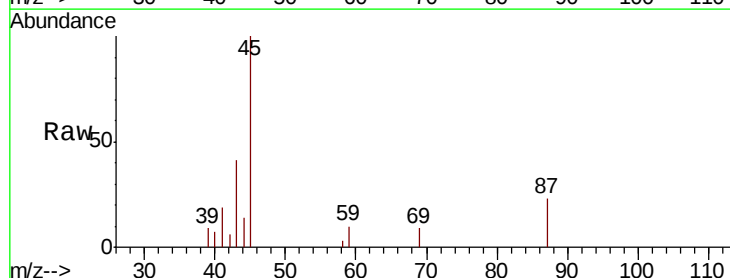
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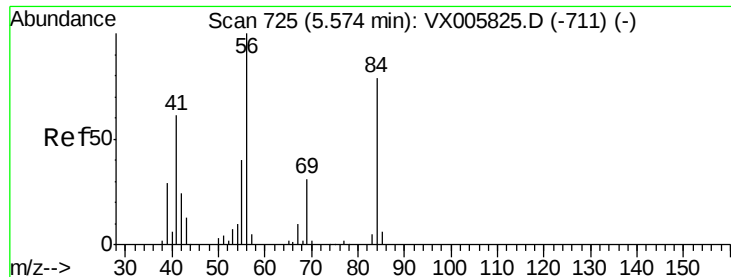
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#22
Diisopropyl ether
Concen: 0.839 ug/l
RT: 3.87 min Scan# 446
Delta R.T. 0.01 min
Lab File: VX006049.D
Acq: 16 Nov 2018 14:55

Tgt Ion: 45 Resp: 4194
Ion Ratio Lower Upper
45 100
43 41.2 47.4 71.2#
87 22.6 15.9 23.9
59 10.2 7.7 11.5





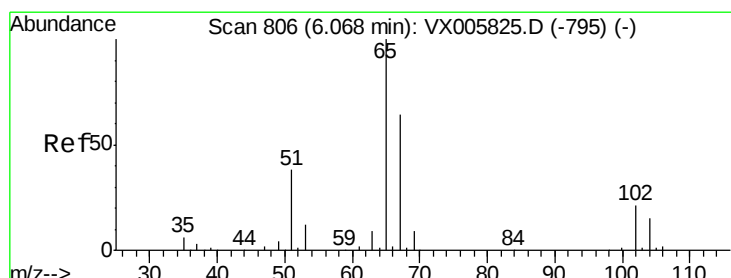
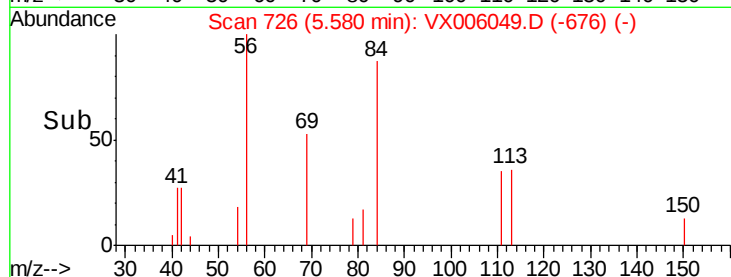
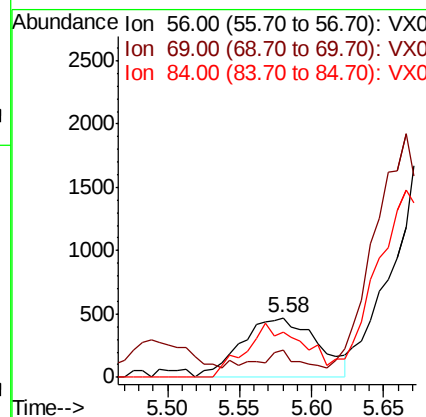
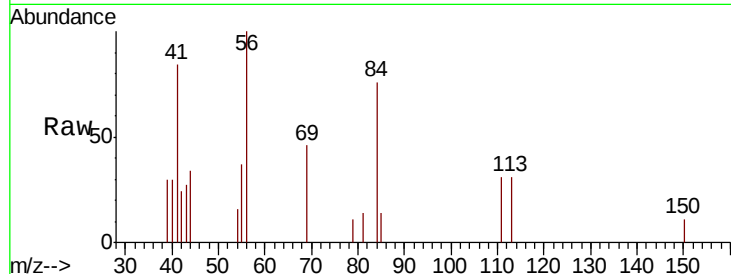
#31
Cyclohexane
Concen: 0.743 ug/l m
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006049.D
Acq: 16 Nov 2018 14:55

Instrument :
MSVOA_X
ClientSampled :
MW-1R

Tot Ion	Ratio	Lower	Upper
56	100		
69	46.2	22.6	34.0#
84	76.4	62.7	94.1

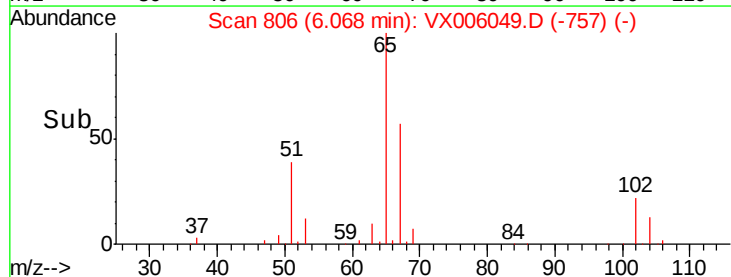
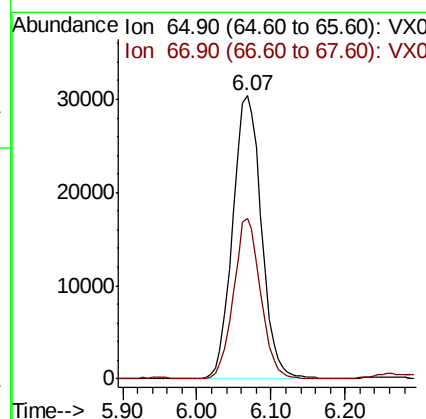
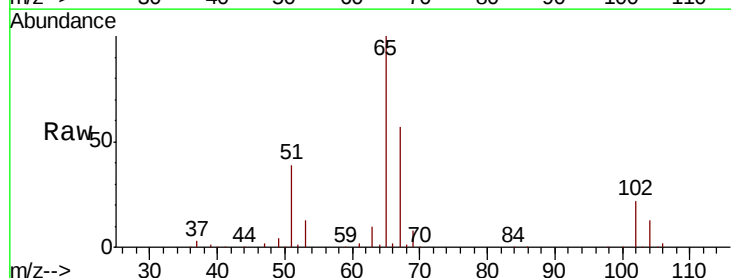
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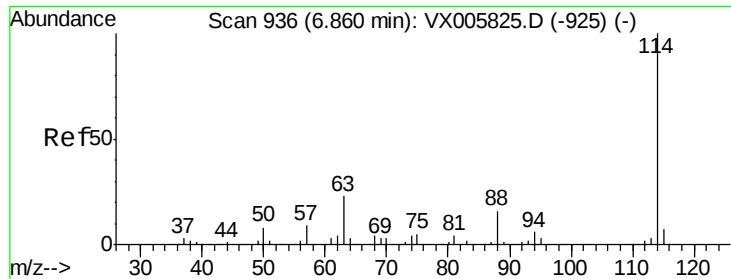
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#33
1,2-Dichloroethane-d4
Concen: 49.445 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX006049.D
Acq: 16 Nov 2018 14:55

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	105.0





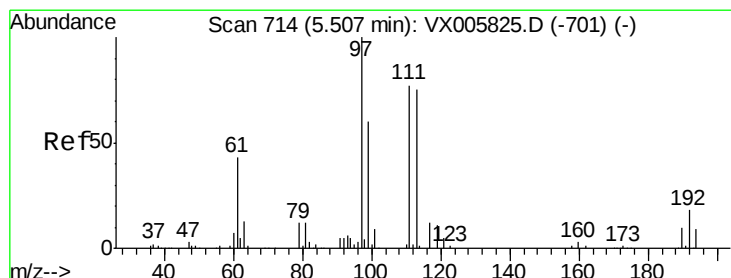
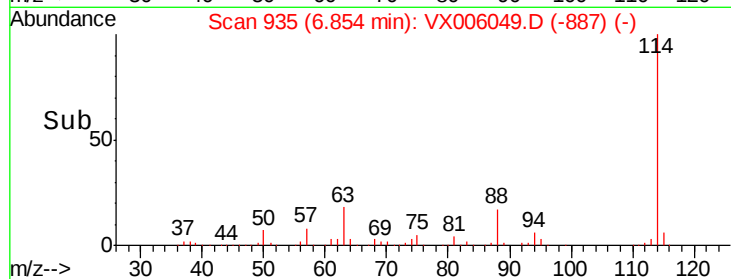
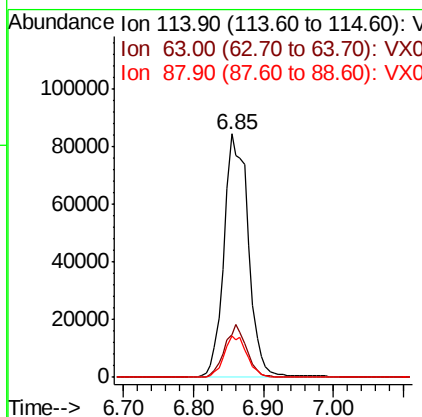
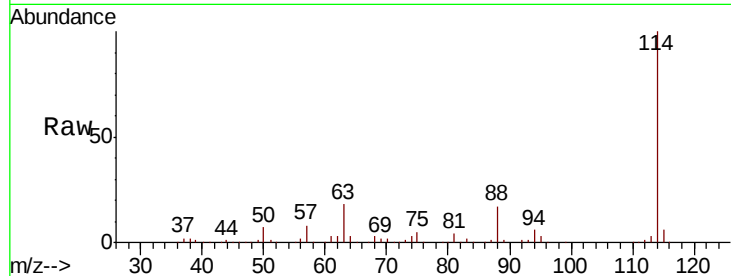
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.01 min
Lab File: VX006049.D
Acq: 16 Nov 2018 14:55

Instrument :
MSVOA_X
ClientSampled :
MW-1R

Tot Ion	Ratio	Resp	Lower	Upper
114	100	204491		
63	17.5	0.0	42.8	
88	17.2	0.0	31.2	

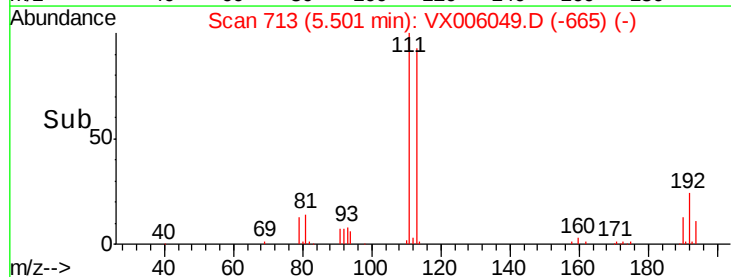
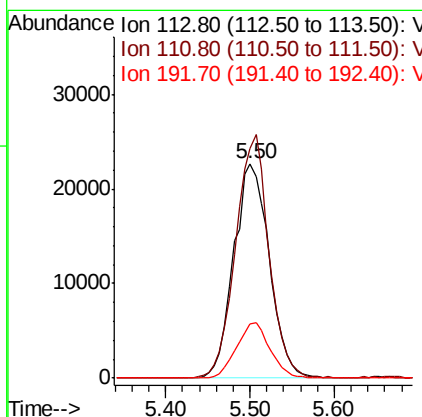
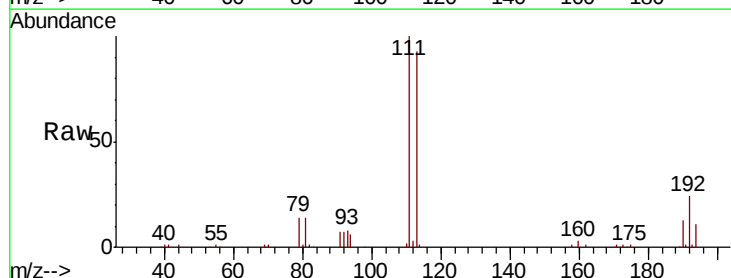
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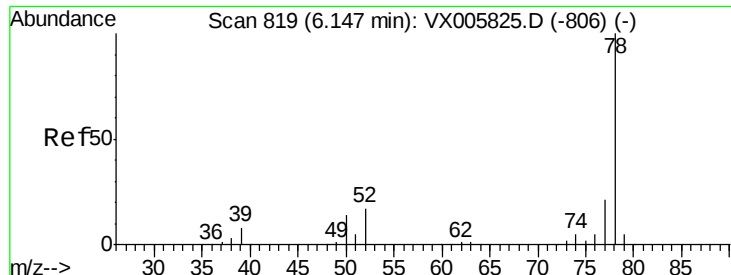
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#35
Dibromofluoromethane
Concen: 46.563 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.01 min
Lab File: VX006049.D
Acq: 16 Nov 2018 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	64762		
111	106.2	82.3	123.5	
192	24.2	17.9	26.9	





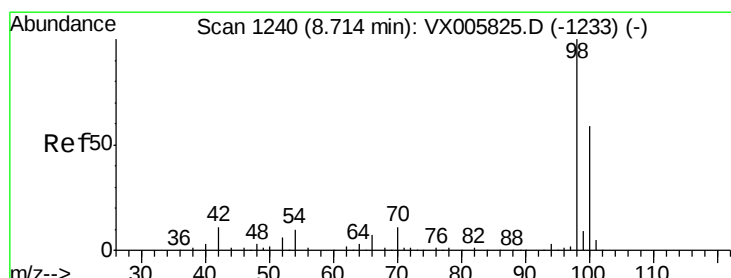
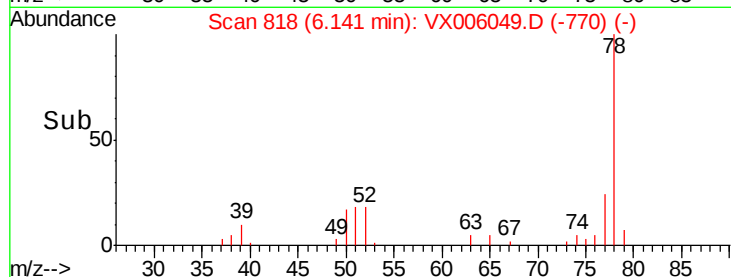
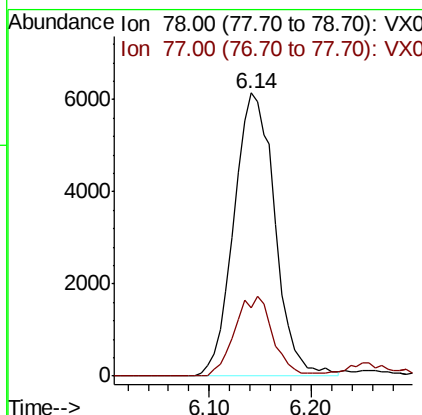
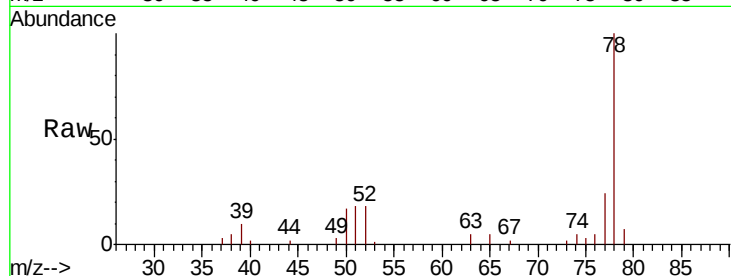
#40
Benzene
Concen: 2.985 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX006049.D
Acq: 16 Nov 2018 14:55

Instrument :
MSVOA_X
ClientSampleId :
MW-1R

Tot Ion: 78 Resp: 17157
Ion Ratio Lower Upper
78 100
77 24.4 18.4 27.6

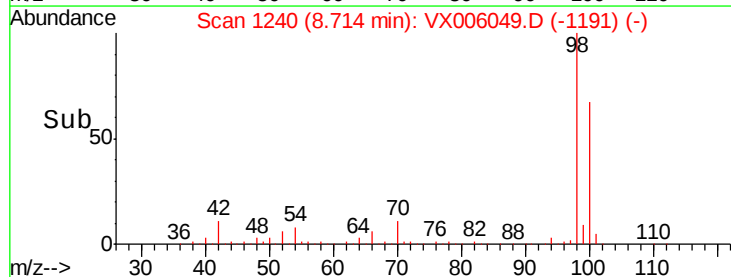
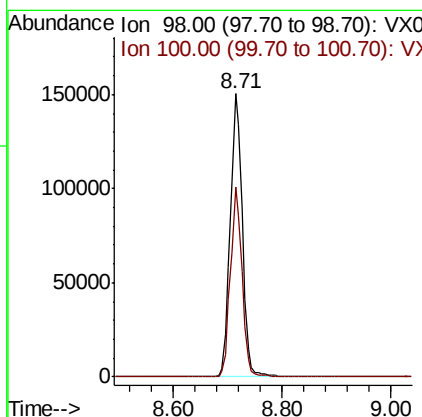
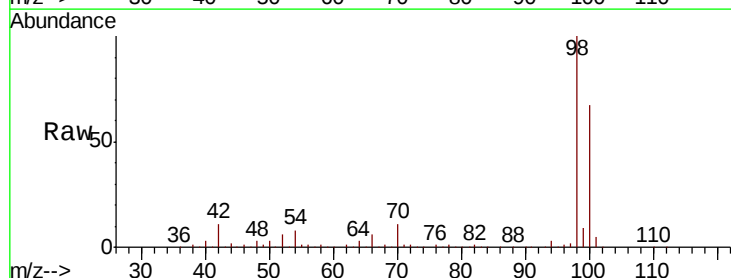
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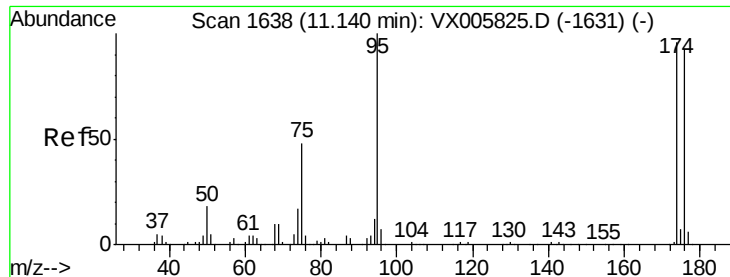
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#50
Toluene-d8
Concen: 50.568 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006049.D
Acq: 16 Nov 2018 14:55

Tgt Ion: 98 Resp: 233825
Ion Ratio Lower Upper
98 100
100 64.7 51.3 76.9





#62

4-Bromofluorobenzene

Concen: 47.871 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006049.D

Acq: 16 Nov 2018 14:55

Instrument :

MSVOA_X

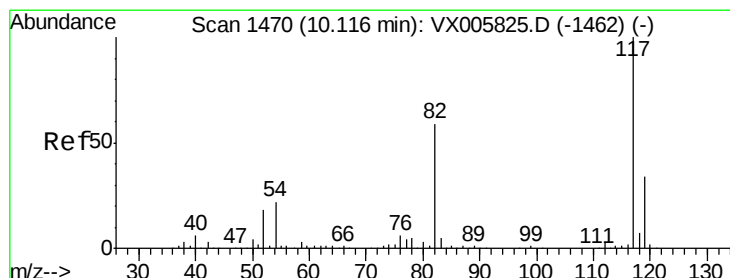
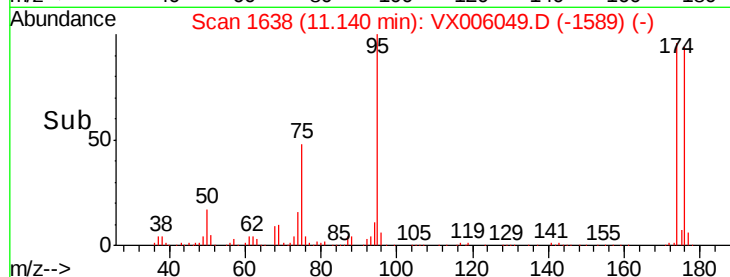
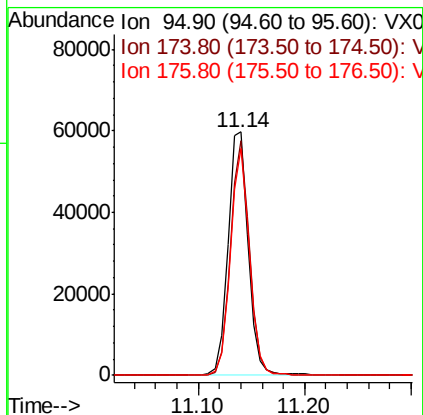
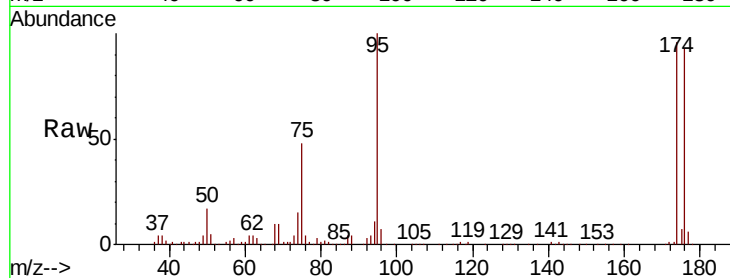
ClientSampled :

MW-1R

Tot Ion:	95	Resp:	79585
Ion Ratio	Lower	Upper	
95	100		
174	90.7	0.0	184.4
176	87.6	0.0	177.4

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

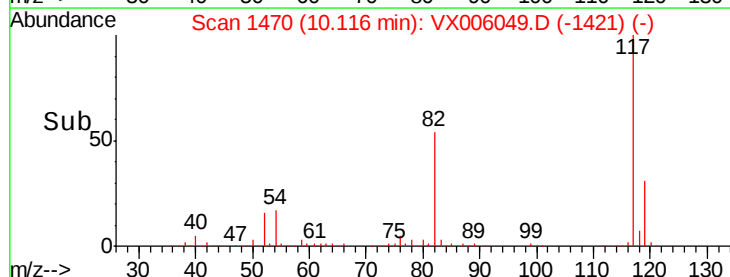
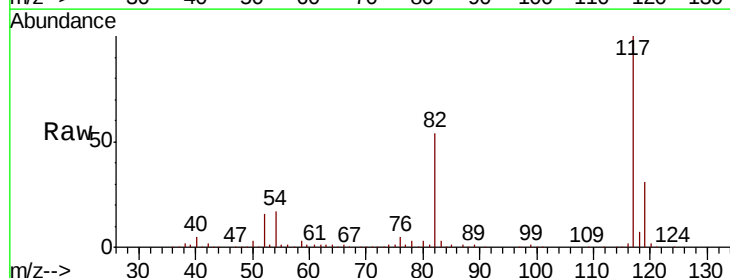
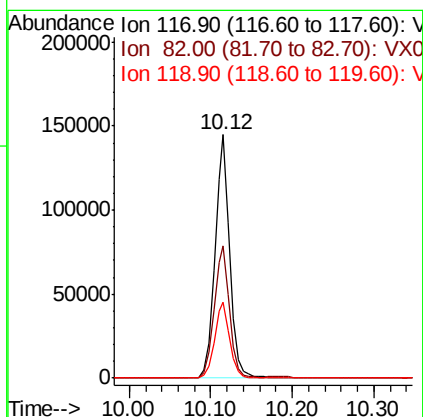
RT: 10.12 min Scan# 1470

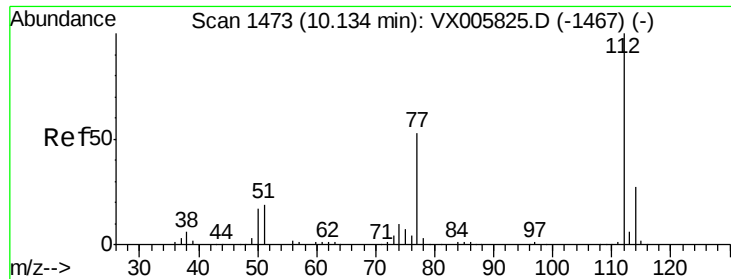
Delta R.T. -0.00 min

Lab File: VX006049.D

Acq: 16 Nov 2018 14:55

Tgt Ion:	117	Resp:	184725
Ion Ratio	Lower	Upper	
117	100		
82	54.3	44.1	66.1
119	31.1	26.2	39.2





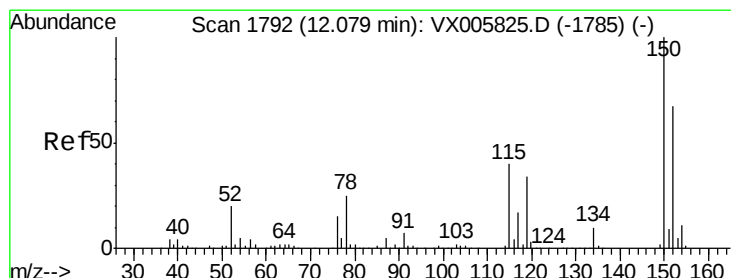
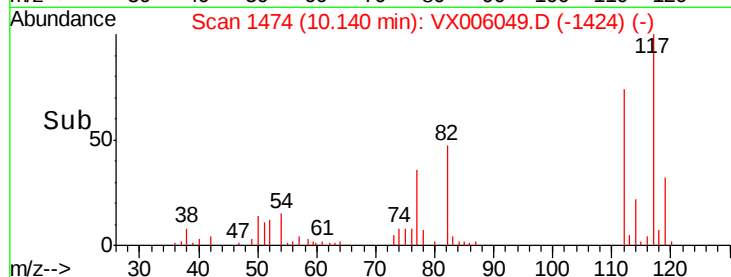
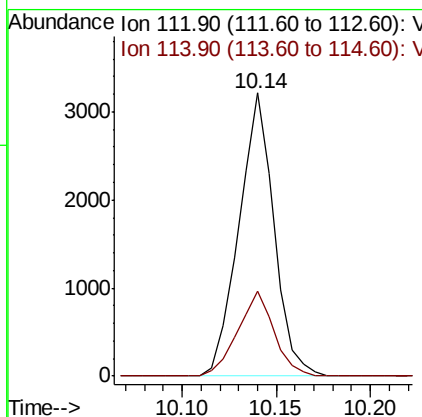
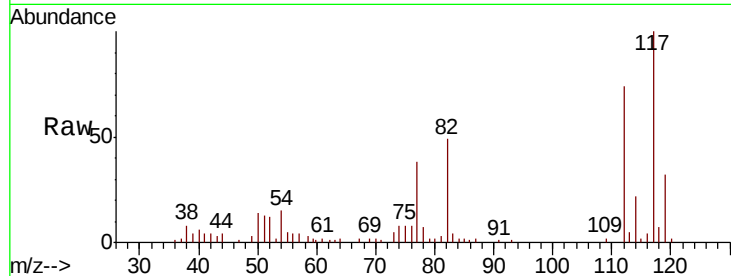
#65
Chlorobenzene
Concen: 1.119 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX006049.D
Acq: 16 Nov 2018 14:55

Instrument :
MSVOA_X
ClientSampled :
MW-1R

Tot Ion:112 Resp: 4142
Ion Ratio Lower Upper
112 100
114 29.9 25.8 38.6

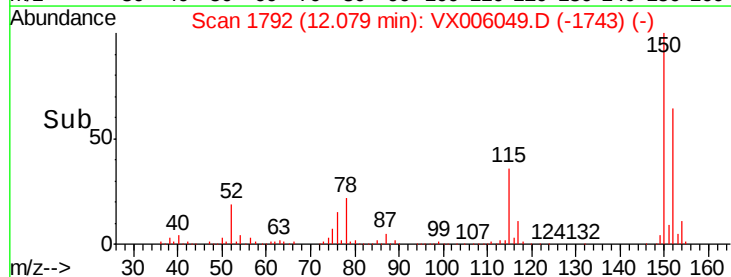
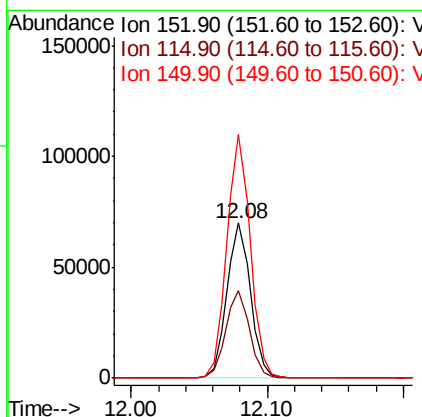
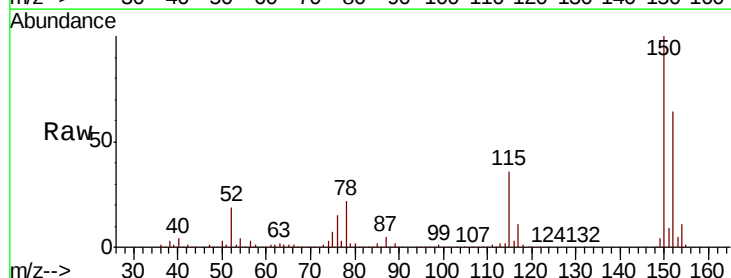
Manual Integrations
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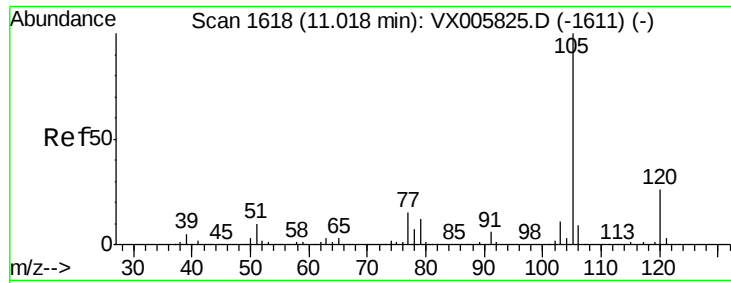
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006049.D
Acq: 16 Nov 2018 14:55

Tgt Ion:152 Resp: 84049
Ion Ratio Lower Upper
152 100
115 56.5 39.4 118.1
150 156.3 0.0 346.4





#73

Isopropylbenzene

Concen: 0.615 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006049.D

Acq: 16 Nov 2018 14:55

Instrument :

MSVOA_X

ClientSampled :

MW-1R

Tot Ion: 105 Resp: 2987

Ion Ratio Lower Upper

105 100

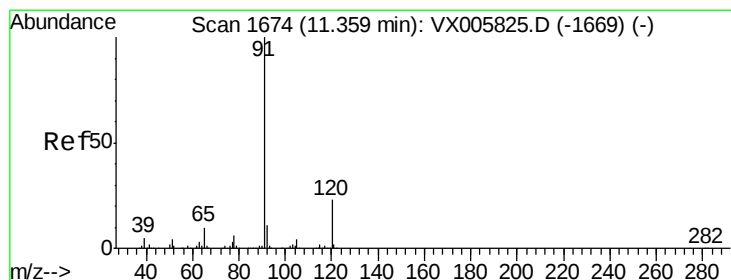
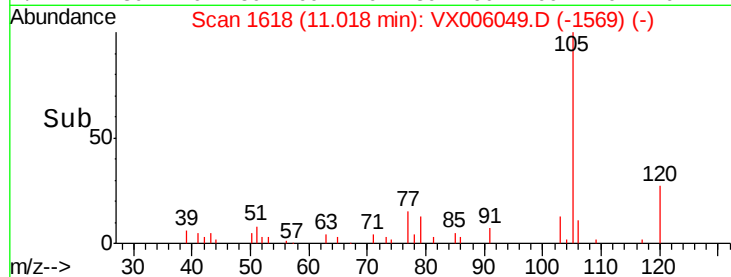
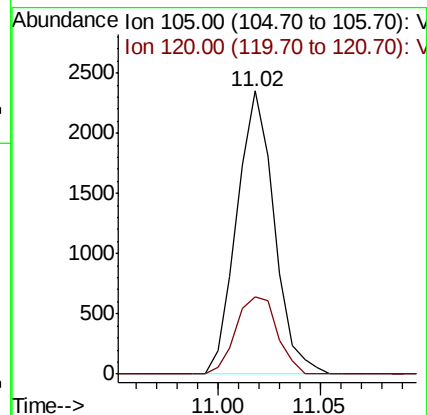
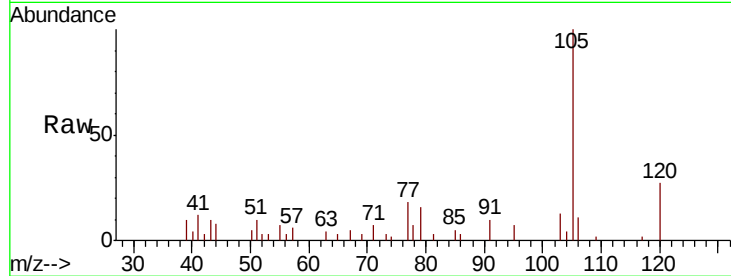
120 30.0 13.1 39.3

Manual Integrations

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#78

n-propylbenzene

Concen: 0.716 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006049.D

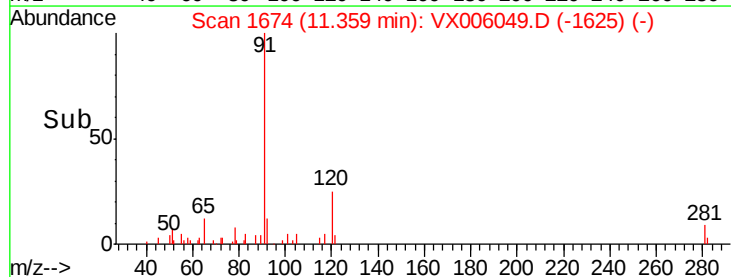
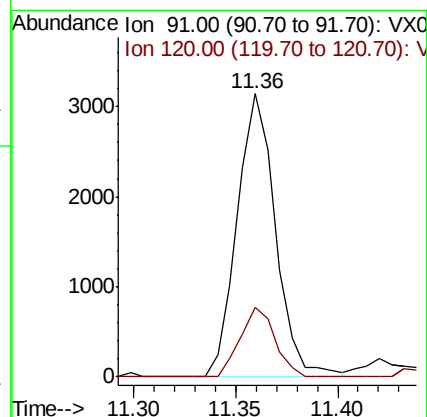
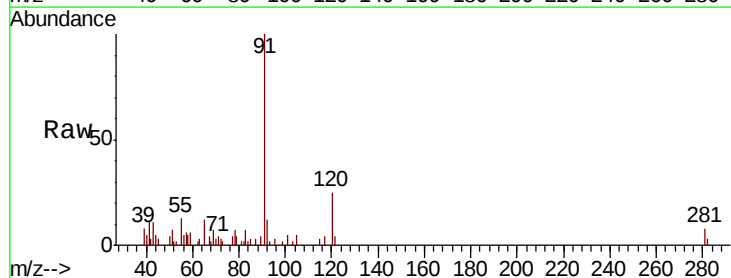
Acq: 16 Nov 2018 14:55

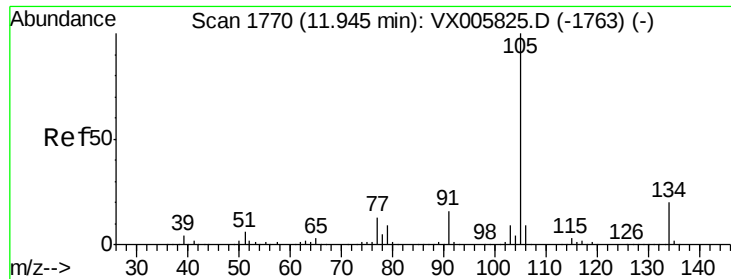
Tgt Ion: 91 Resp: 4102

Ion Ratio Lower Upper

91 100

120 22.0 11.9 35.5





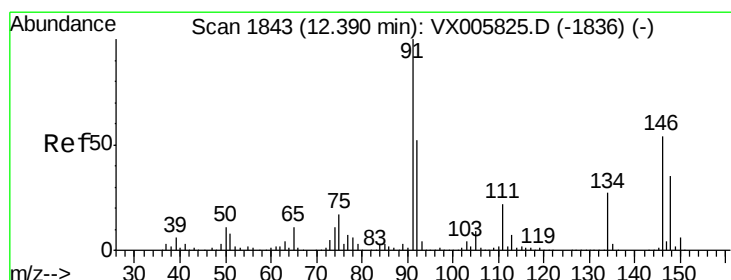
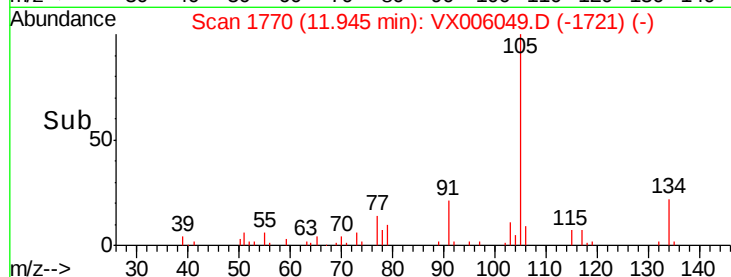
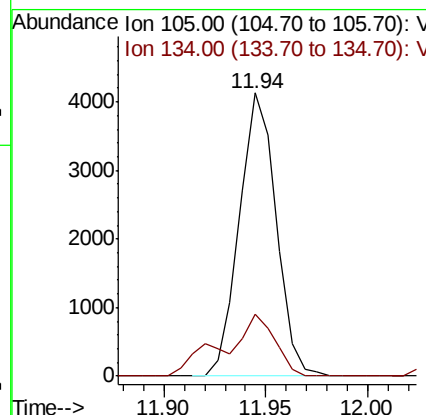
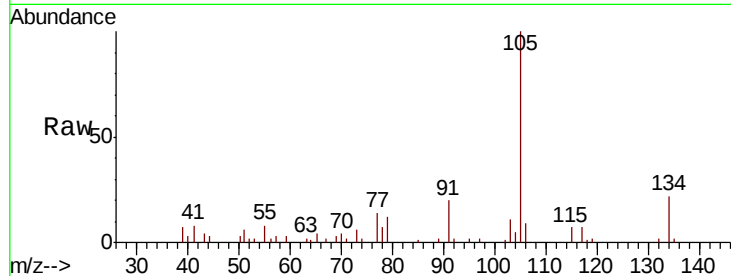
#85
 sec-Butylbenzene
 Concen: 1.011 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006049.D
 Acq: 16 Nov 2018 14:55

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1R

Tot Ion: 105 Resp: 5164
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.2 30.4

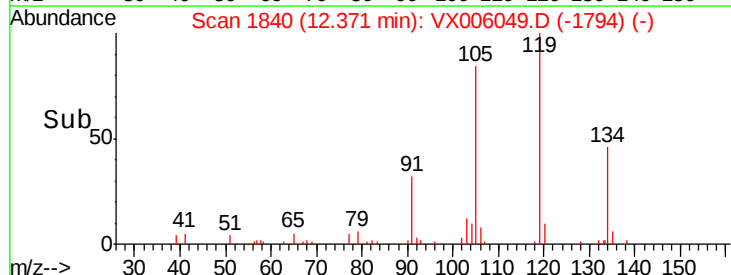
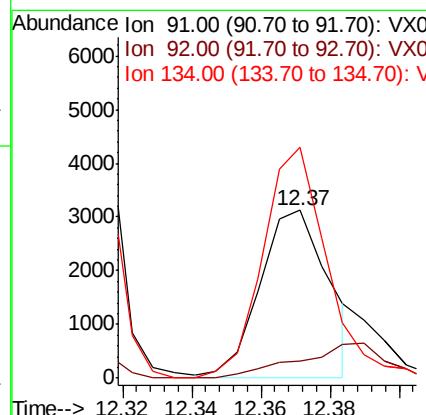
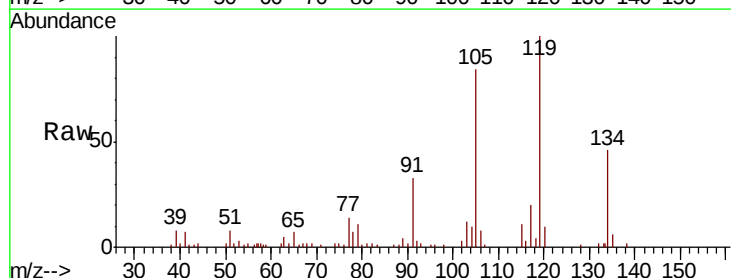
Manual Integrations
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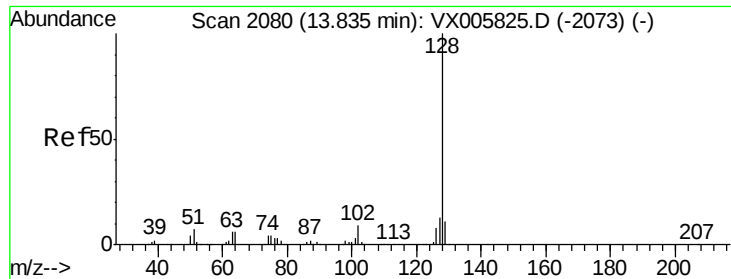
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#89
 n-Butylbenzene
 Concen: 1.025 ug/l m
 RT: 12.37 min Scan# 1840
 Delta R.T. -0.02 min
 Lab File: VX006049.D
 Acq: 16 Nov 2018 14:55

Tgt Ion: 91 Resp: 4300
 Ion Ratio Lower Upper
 91 100
 92 25.7 26.1 78.2#
 134 128.5 13.1 39.3#





#95
Naphthalene
Concen: 1.576 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006049.D
Acq: 16 Nov 2018 14:55

Instrument :
MSVOA_X
ClientSampleId :
MW-1R

Tot Ion	Ratio	Lower	Upper
128	100		
127	17.0	10.4	15.6#
129	0.0	8.7	13.1#

Manual Integrations
APPROVED

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