

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111418\
 Data File : VX006006.D
 Acq On : 15 Nov 2018 06:19
 Operator : JC/MD
 Sample : J5860-22ME 20X
 Misc : 5.33g/5ml/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-110(17-19)ME

Manual Integrations
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 11/15/2018 1:03:34 PM

Quant Time: Nov 15 11:23:02 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	147341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	215892	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	191665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	88816	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	76985	45.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.90%	
35) Dibromofluoromethane	5.49	113	66690	45.42	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	90.84%	
50) Toluene-d8	8.71	98	228332	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	
62) 4-Bromofluorobenzene	11.14	95	85528	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.59	56	10671	4.52	ug/l	# 77
39) Methylcyclohexane	7.46	83	39469	18.71	ug/l	93
67) Ethyl Benzene	10.26	91	253551	41.18	ug/l	97
68) m/p-Xylenes	10.36	106	79795	33.98	ug/l	100
73) Isopropylbenzene	11.02	105	31089	6.05	ug/l	98
78) n-propylbenzene	11.36	91	153256	25.32	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	188387	43.16	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	780931	162.40	ug/l	99
85) sec-Butylbenzene	11.94	105	17170m	3.18	ug/l	
86) p-Isopropyltoluene	12.07	119	10235	2.14	ug/l	96
89) n-Butylbenzene	12.38	91	76573	17.27	ug/l	# 36
95) Naphthalene	13.83	128	158159	25.35	ug/l	99

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

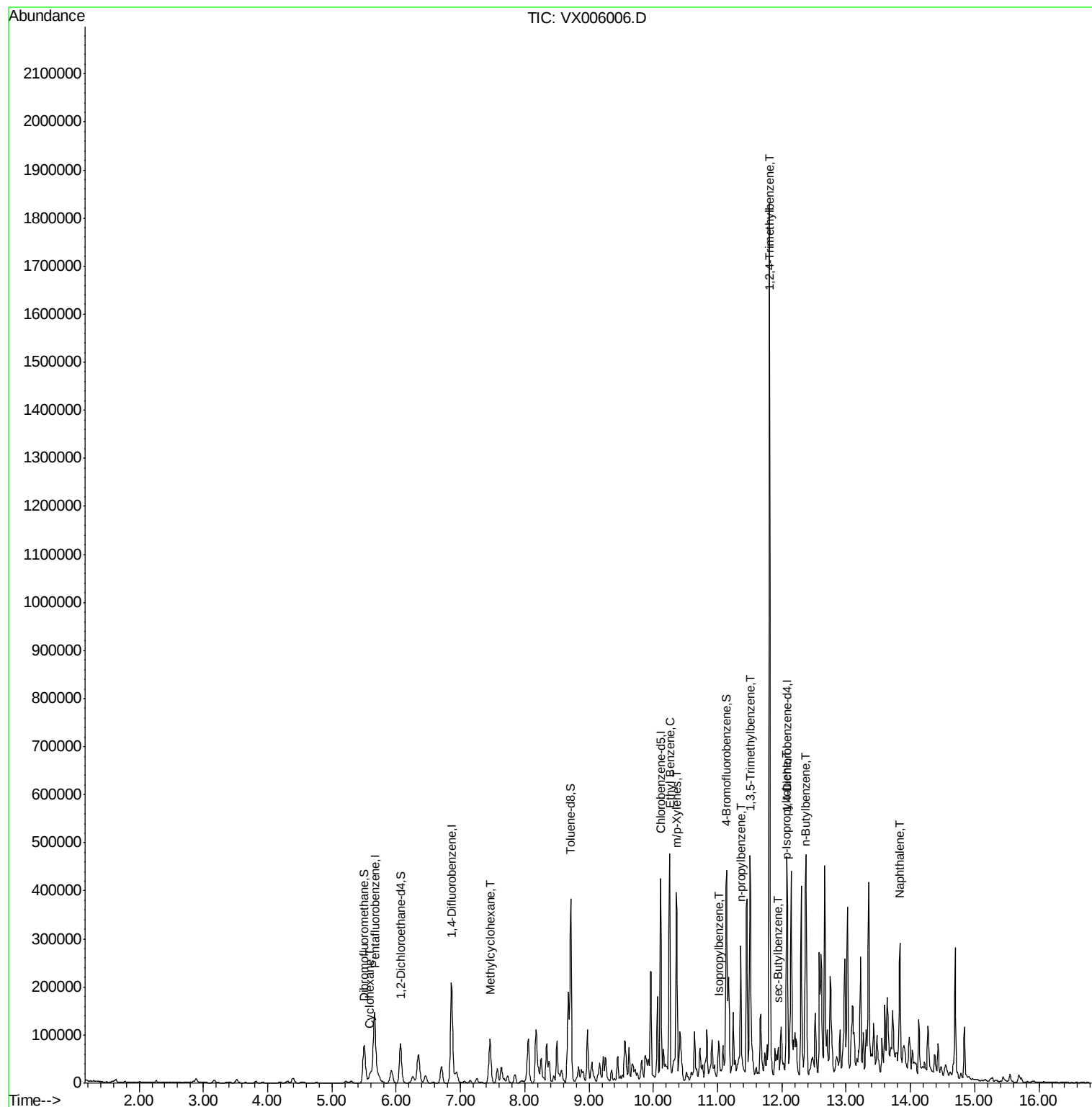
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX111418\
Data File : VX006006.D
Acq On : 15 Nov 2018 06:19
Operator : JC/MD
Sample : J5860-22ME 20X
Misc : 5.33g/5ml/100ul/5.00mL/MSVOA_X/MEOH
ALS Vial : 43 Sample Multiplier: 1

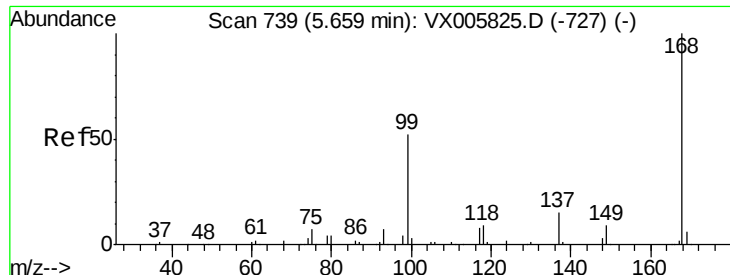
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-110(17-19)ME

Manual Integrations
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11/15/2018 1:03:34 PM

Quant Time: Nov 15 11:23:02 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: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006006.D

Acq: 15 Nov 2018 06:19

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-110(17-19)ME

Tgt Ion:168 Resp: 147341

Ion Ratio Lower Upper

168 100

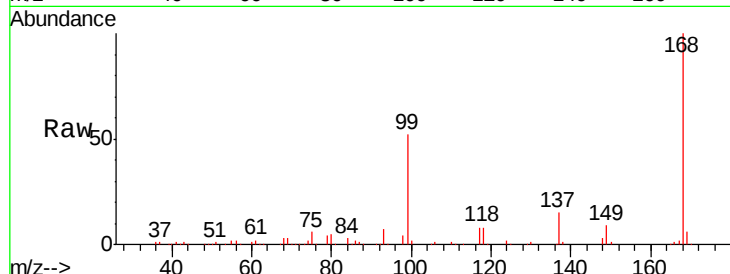
99 51.8 40.7 61.1

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

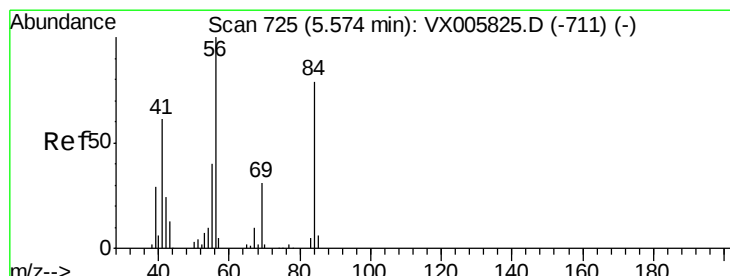
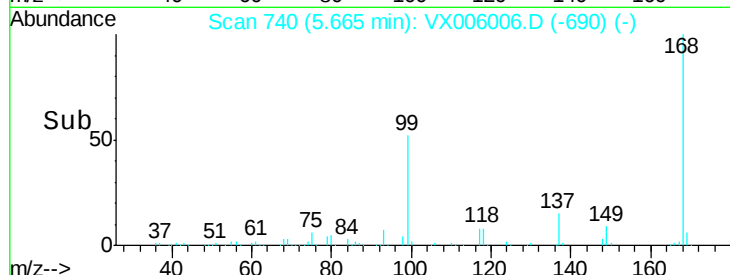
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 4.52 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX006006.D

Acq: 15 Nov 2018 06:19

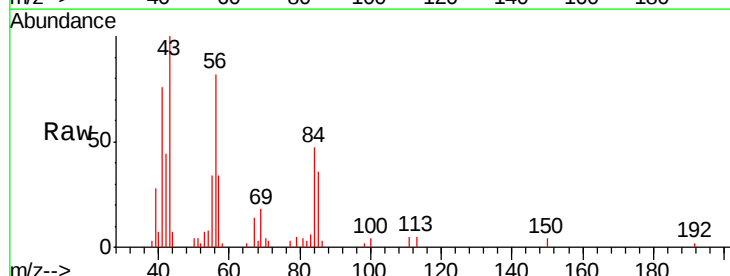
Tgt Ion: 56 Resp: 10671

Ion Ratio Lower Upper

56 100

69 17.9 22.6 34.0#

84 57.7 62.7 94.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

4000

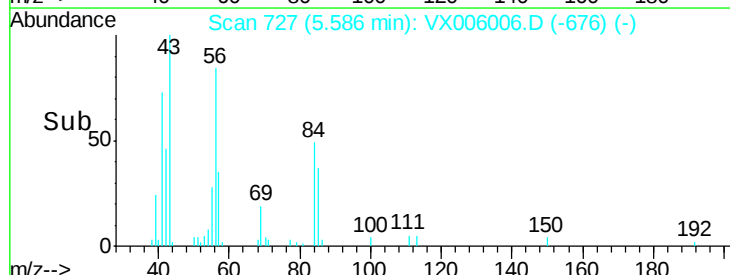
3000

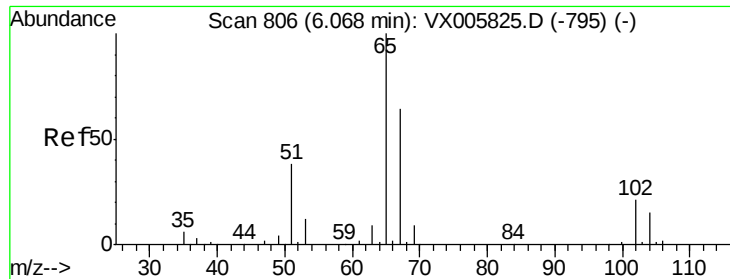
2000

1000

0

Time--> 5.50 5.60 5.70





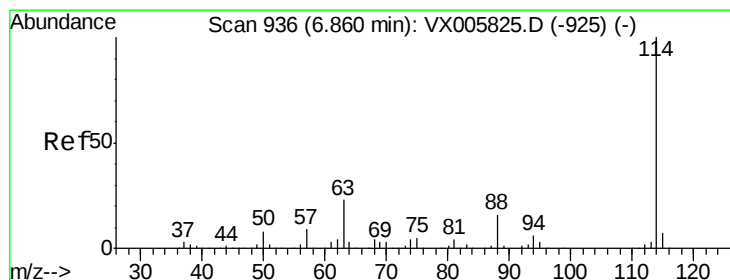
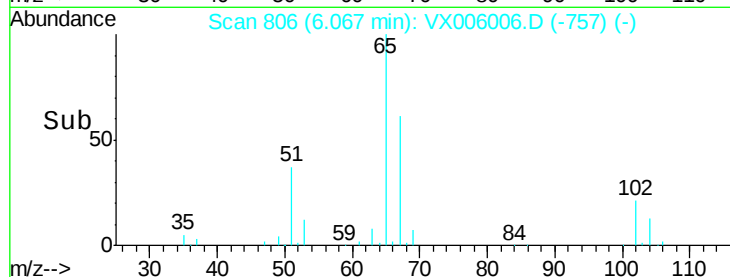
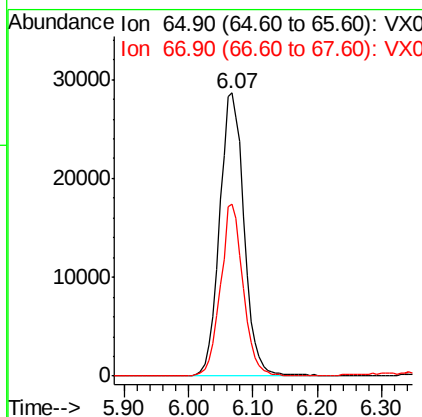
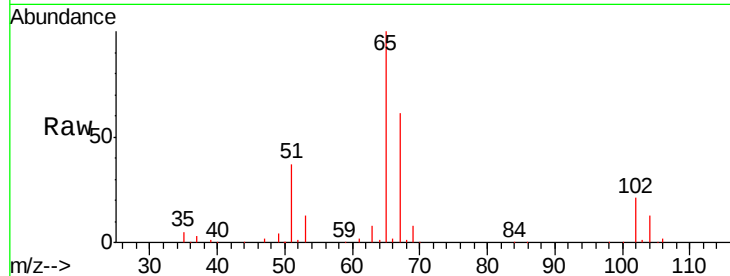
#33
 1,2-Dichloroethane-d4
 Concen: 45.45 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006006.D
 Acq: 15 Nov 2018 06:19

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-110(17-19)ME

Tgt Ion: 65 Resp: 76985
 Ion Ratio Lower Upper
 65 100
 67 56.4 0.0 105.0

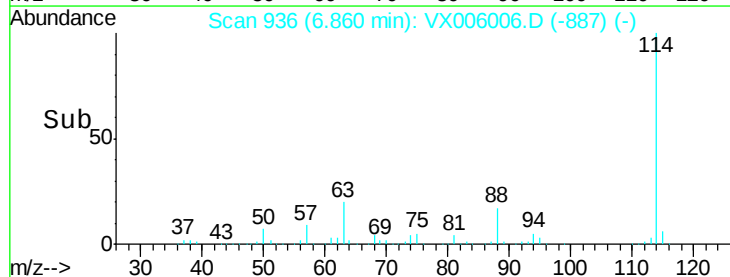
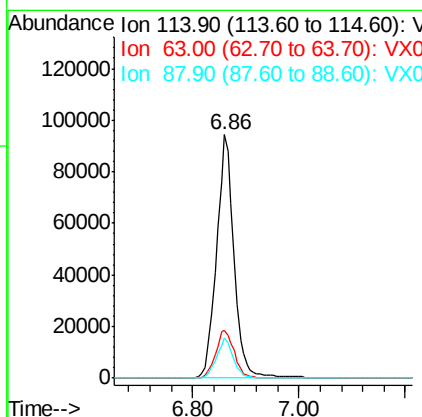
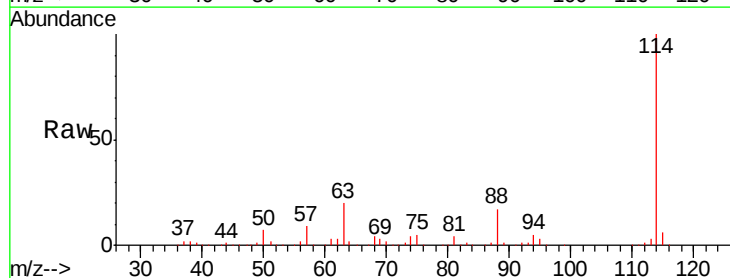
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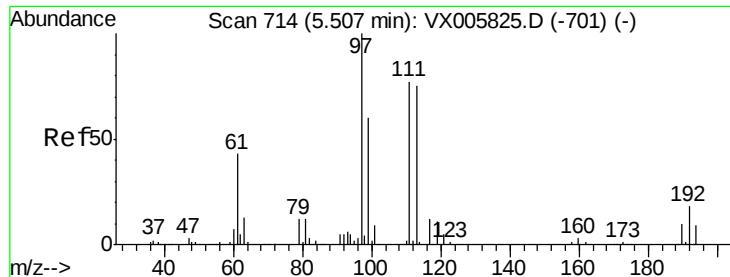
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006006.D
 Acq: 15 Nov 2018 06:19

Tgt Ion: 114 Resp: 215892
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 42.8
 88 16.5 0.0 31.2





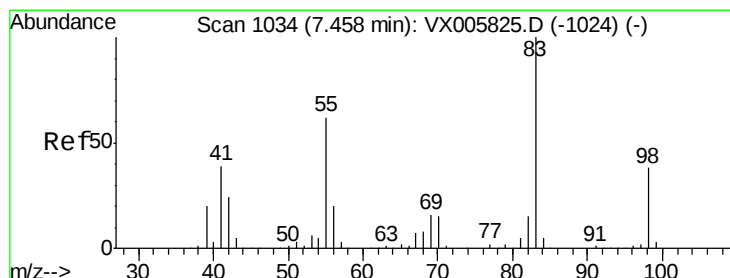
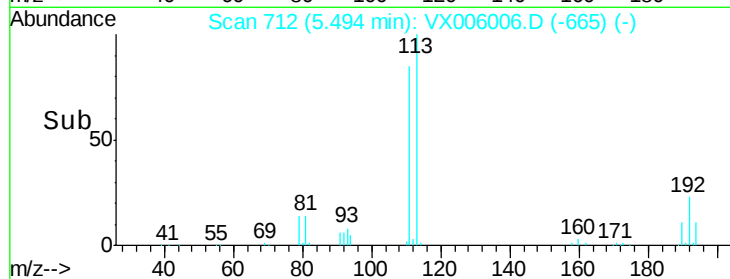
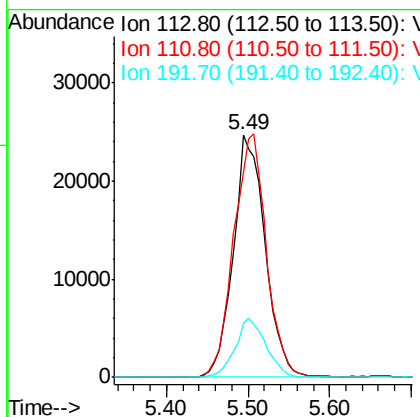
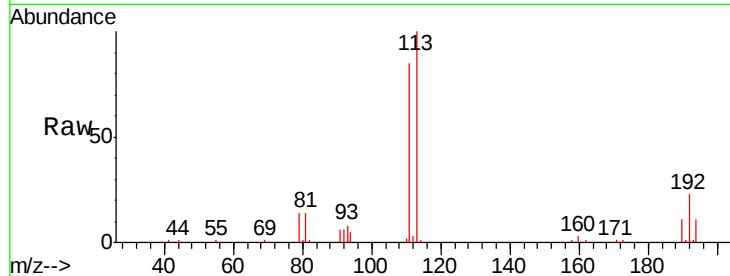
#35
 Dibromofluoromethane
 Concen: 45.42 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX006006.D
 Acq: 15 Nov 2018 06:19

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-110(17-19)ME

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	66690		
111	103.0	82.3	123.5	
192	23.7	17.9	26.9	

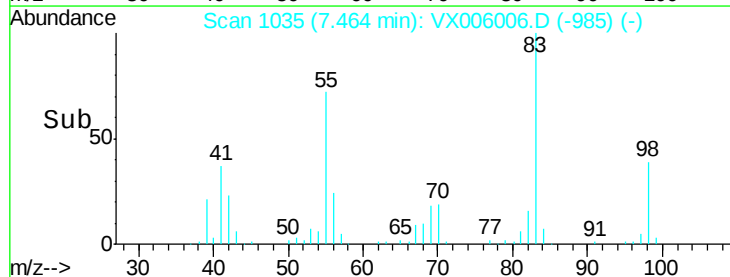
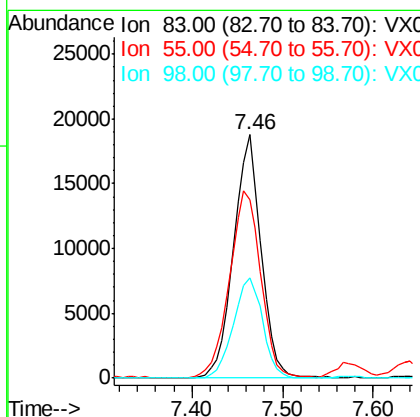
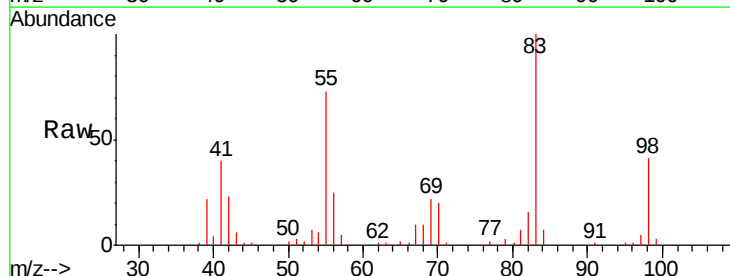
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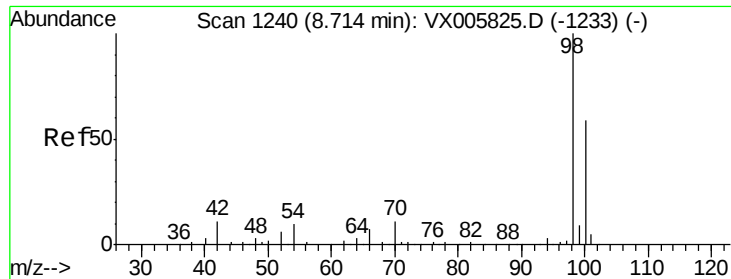
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#39
 Methylcyclohexane
 Concen: 18.71 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: VX006006.D
 Acq: 15 Nov 2018 06:19

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	39469		
55	73.1	63.7	95.5	
98	41.2	36.2	54.2	





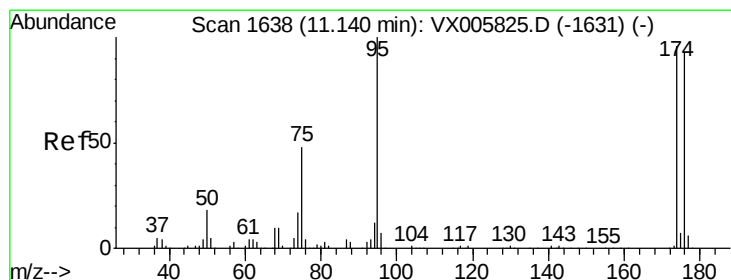
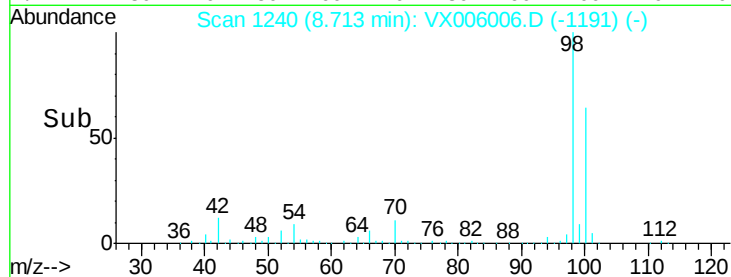
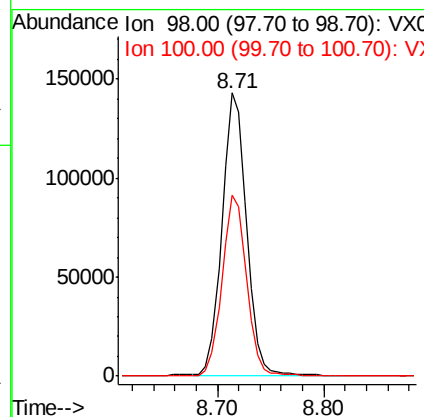
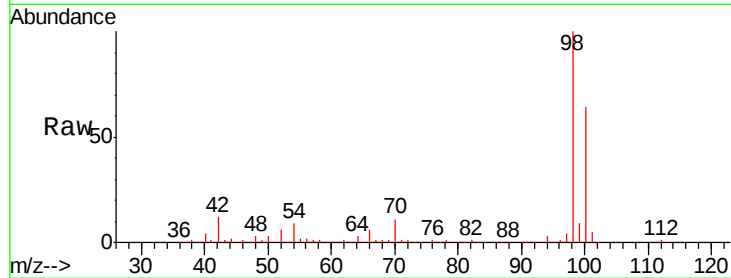
#50
Toluene-d8
Concen: 46.77 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006006.D
Acq: 15 Nov 2018 06:19

Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-110(17-19)ME

Tgt Ion: 98 Resp: 228332
Ion Ratio Lower Upper
98 100
100 64.3 51.3 76.9

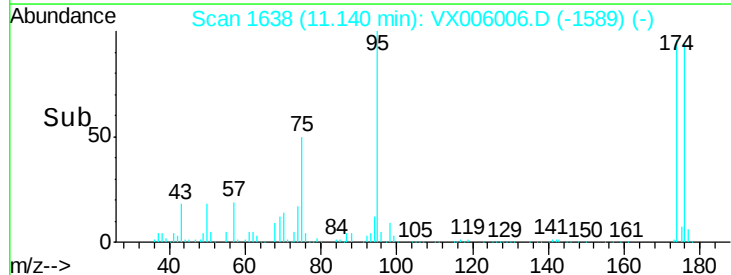
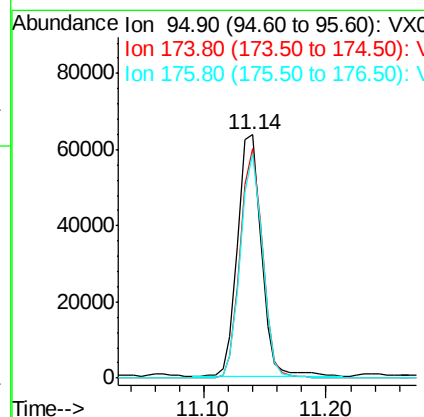
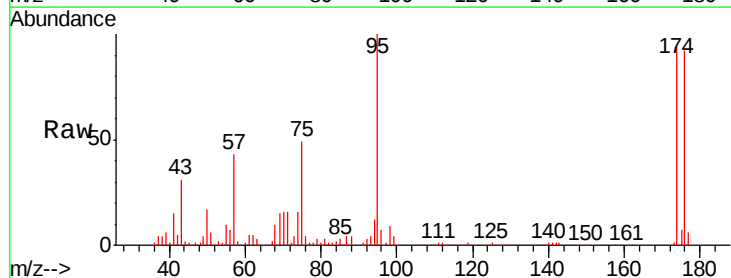
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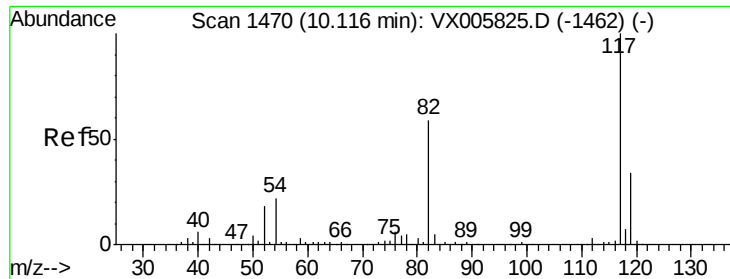
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#62
4-Bromofluorobenzene
Concen: 48.73 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX006006.D
Acq: 15 Nov 2018 06:19

Tgt Ion: 95 Resp: 85528
Ion Ratio Lower Upper
95 100
174 88.8 0.0 184.4
176 86.2 0.0 177.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006006.D

Acq: 15 Nov 2018 06:19

Instrument :

MSVOA_X

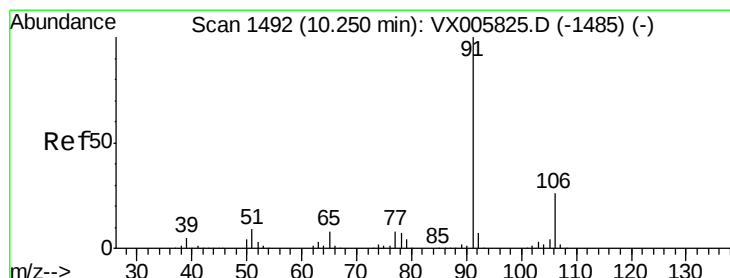
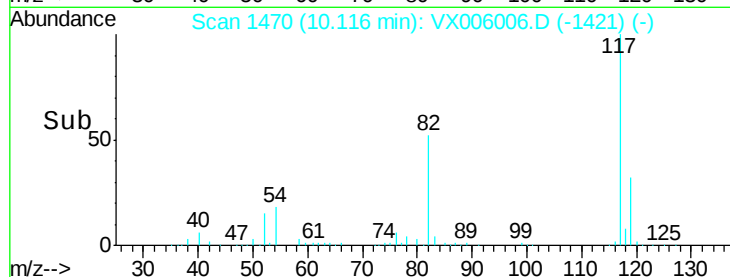
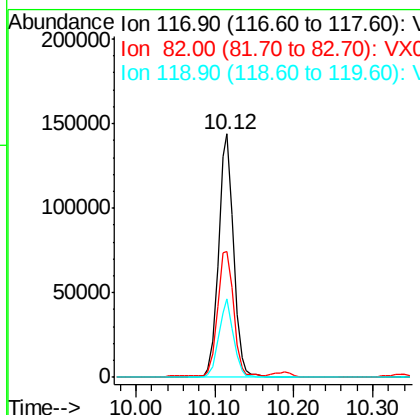
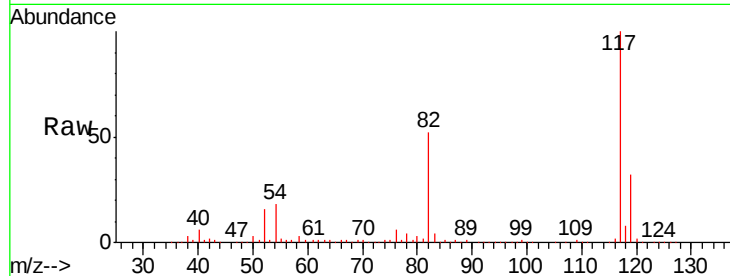
ClientSampleId :

EP2-SB-110(17-19)ME

Tgt Ion:	117	Resp:	191665
Ion Ratio	Lower	Upper	
117	100		
82	51.7	44.1	66.1
119	32.0	26.2	39.2

Manual Integrations
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#67

Ethyl Benzene

Concen: 41.18 ug/l

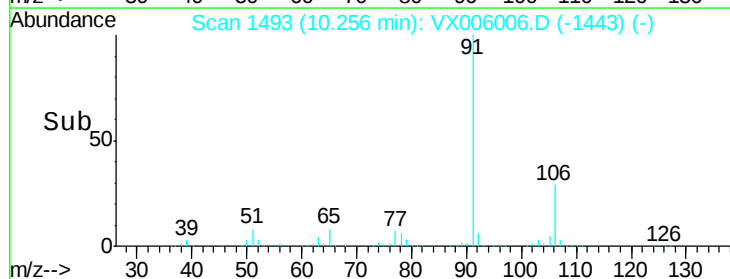
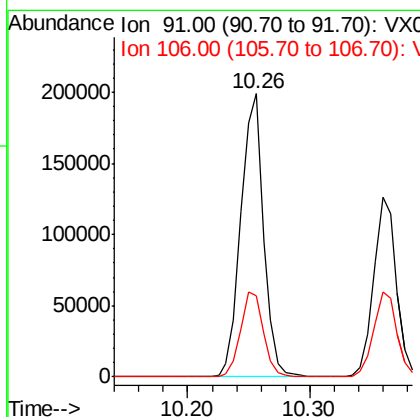
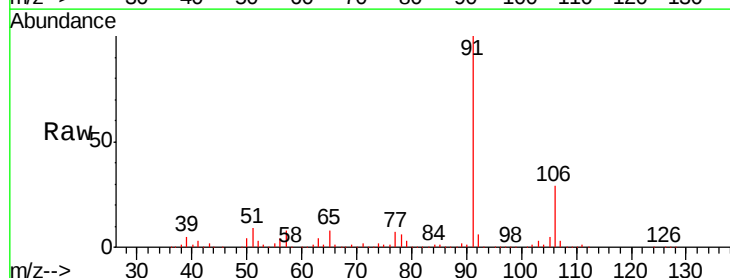
RT: 10.26 min Scan# 1493

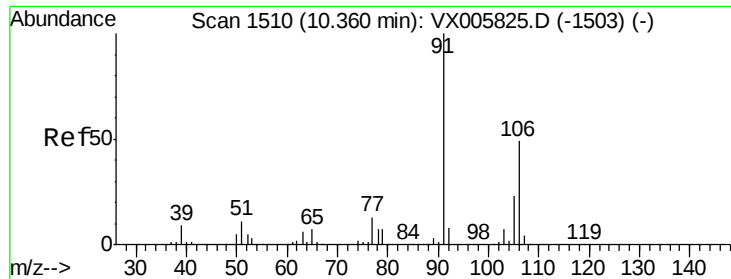
Delta R.T. 0.01 min

Lab File: VX006006.D

Acq: 15 Nov 2018 06:19

Tgt Ion:	91	Resp:	253551
Ion Ratio	Lower	Upper	
91	100		
106	28.8	24.4	36.6





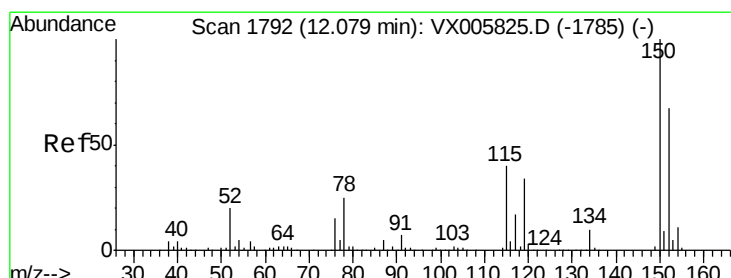
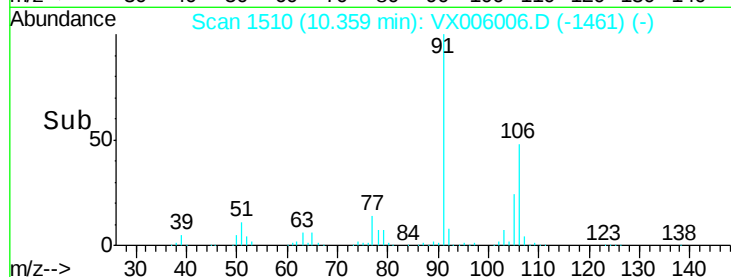
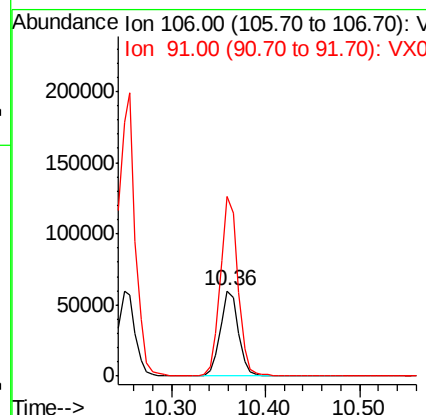
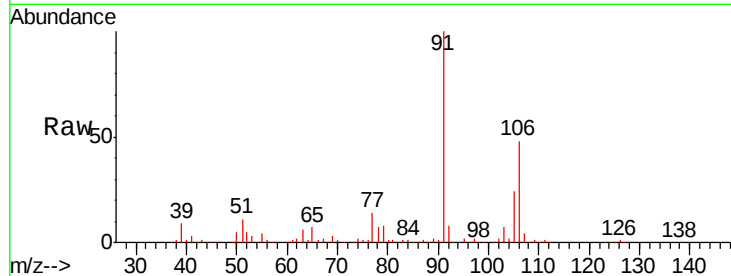
#68
m/p-Xylenes
Concen: 33.98 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006006.D
Acq: 15 Nov 2018 06:19

Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-110(17-19)ME

Tgt Ion:106 Resp: 79795
Ion Ratio Lower Upper
106 100
91 204.8 164.2 246.4

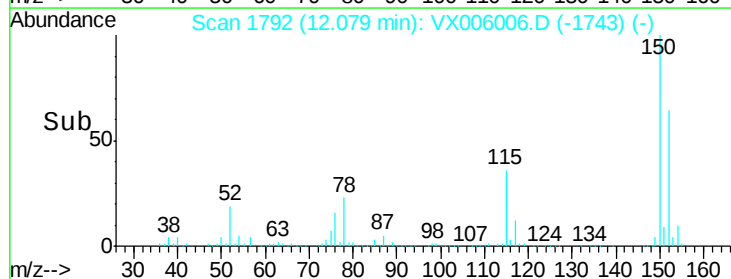
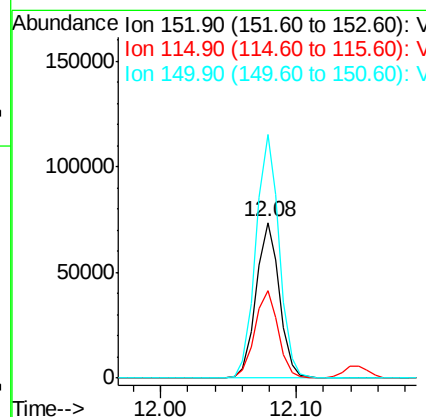
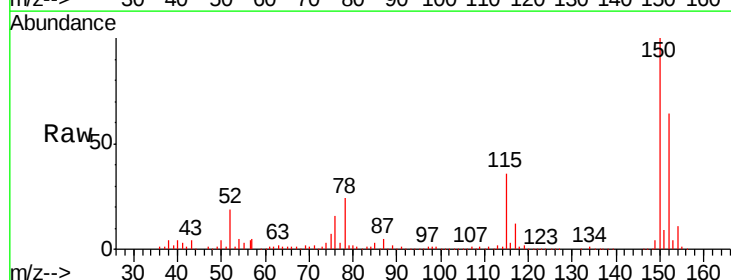
Manual Integrations
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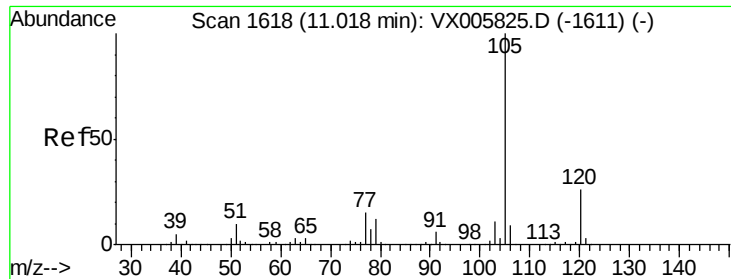
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11/15/2018 1:03:34 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006006.D
Acq: 15 Nov 2018 06:19

Tgt Ion:152 Resp: 88816
Ion Ratio Lower Upper
152 100
115 57.1 39.4 118.1
150 157.0 0.0 346.4





#73

Isopropylbenzene

Concen: 6.05 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006006.D

Acq: 15 Nov 2018 06:19

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-110(17-19)ME

Tgt Ion: 105 Resp: 31089

Ion Ratio Lower Upper

105 100

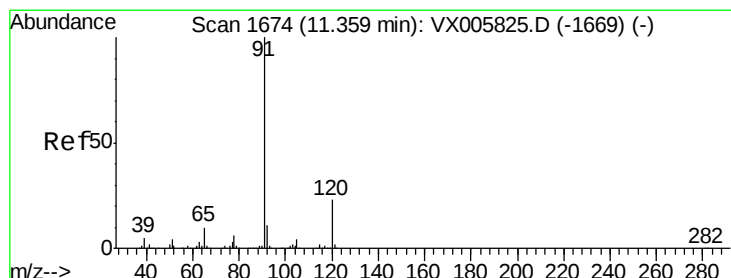
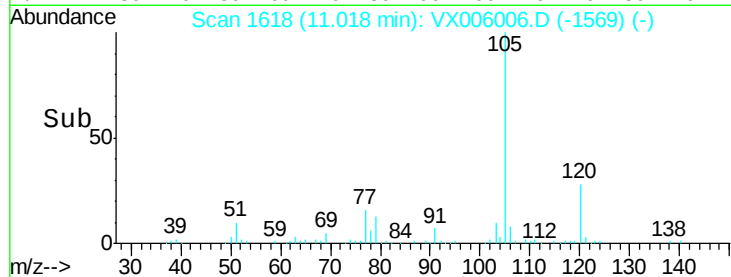
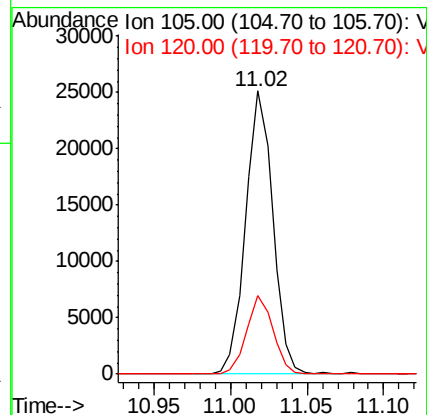
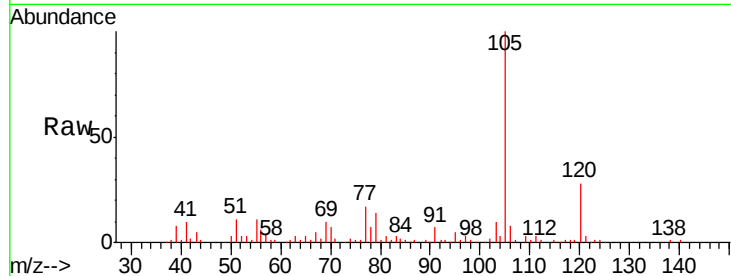
120 27.0 13.1 39.3

Manual Integrations

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#78

n-propylbenzene

Concen: 25.32 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006006.D

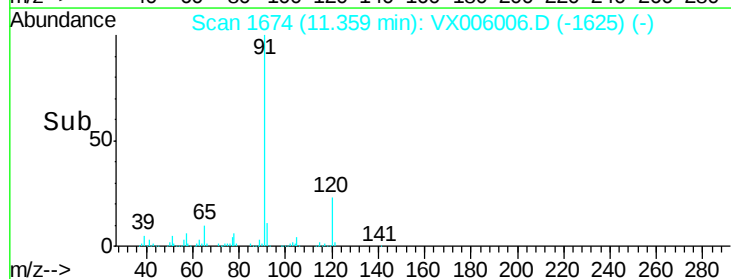
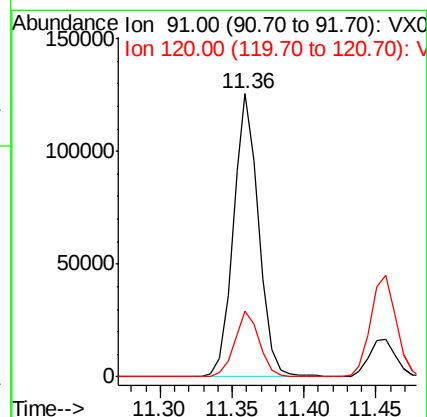
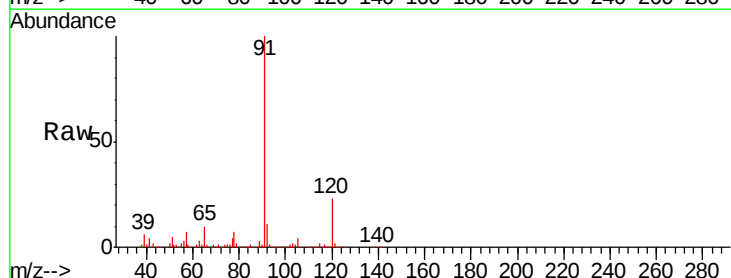
Acq: 15 Nov 2018 06:19

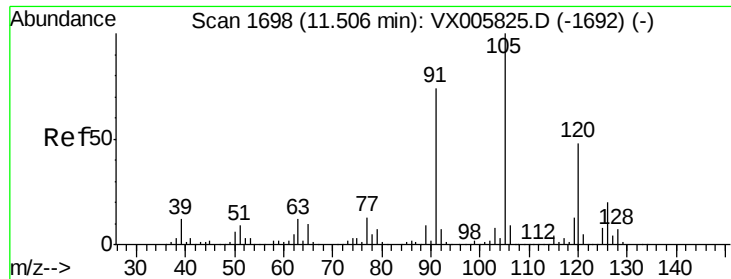
Tgt Ion: 91 Resp: 153256

Ion Ratio Lower Upper

91 100

120 23.0 11.9 35.5





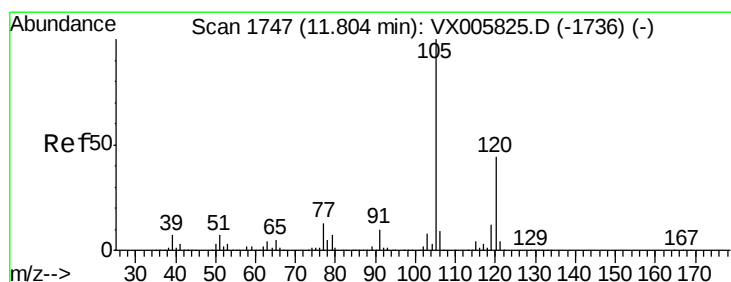
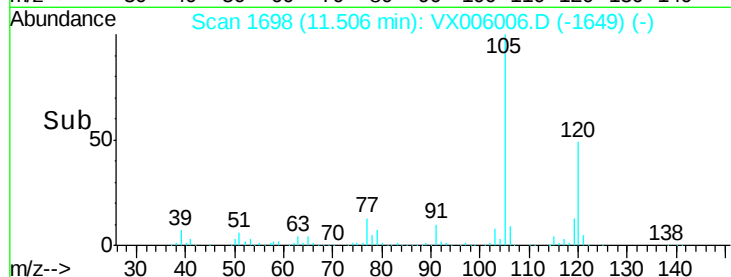
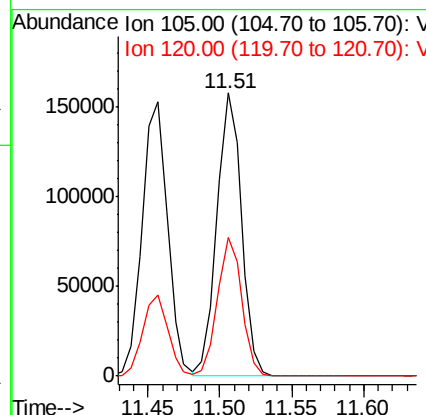
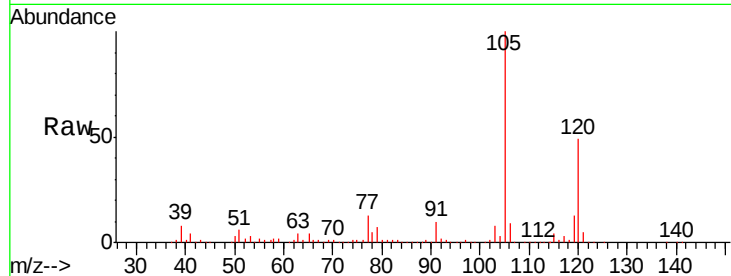
#80
 1,3,5-Trimethylbenzene
 Concen: 43.16 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006006.D
 Acq: 15 Nov 2018 06:19

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-110(17-19)ME

Tgt Ion:105 Resp: 188387
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.1 72.2

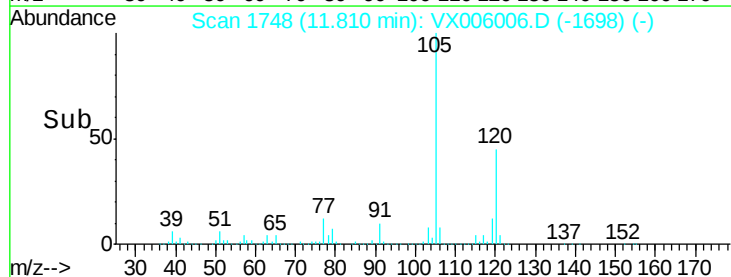
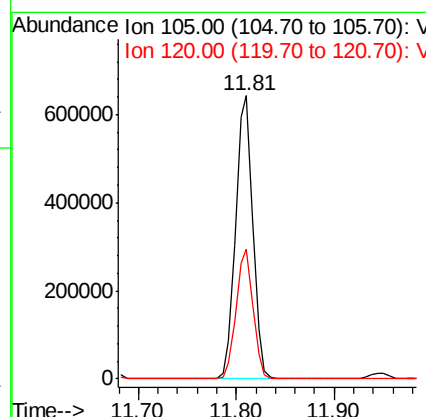
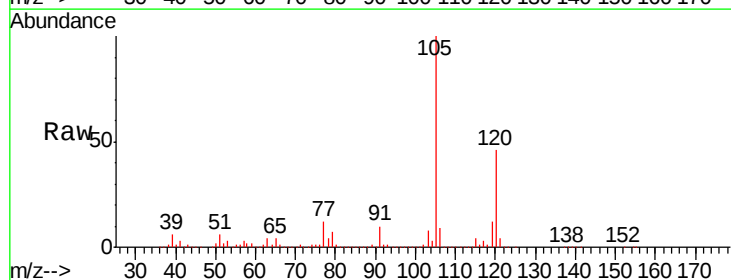
Manual Integrations
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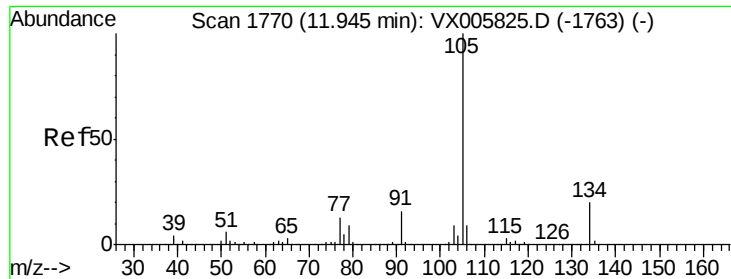
MMDadoda
 11/15/2018 1:03:34 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 162.40 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX006006.D
 Acq: 15 Nov 2018 06:19

Tgt Ion:105 Resp: 780931
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.4 67.0





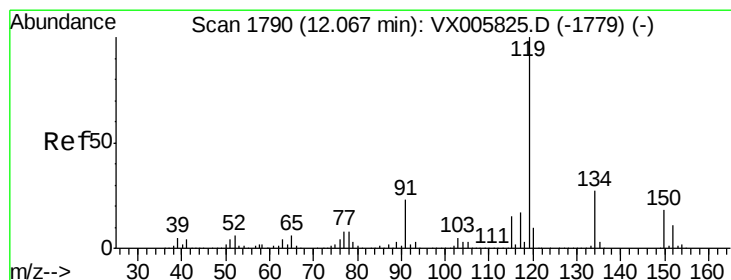
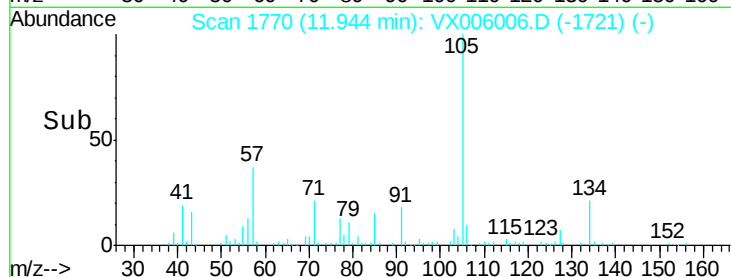
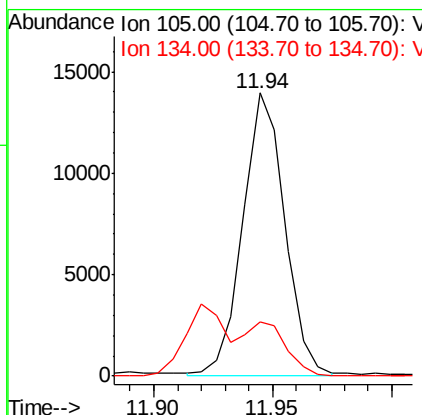
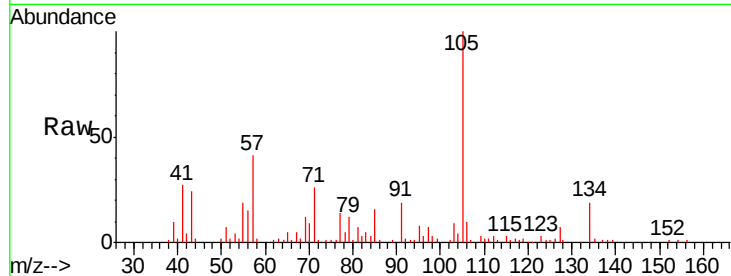
#85
 sec-Butylbenzene
 Concen: 3.18 ug/l m
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006006.D
 Acq: 15 Nov 2018 06:19

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-110(17-19)ME

Tgt Ion:105 Resp: 17170
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#

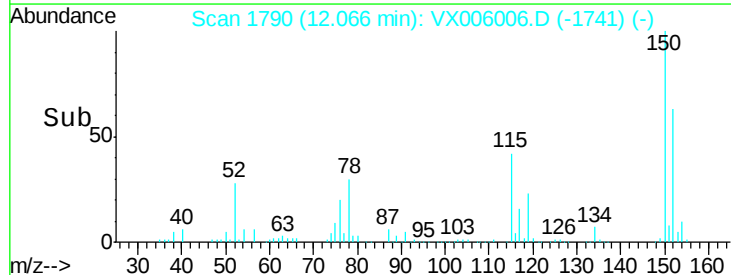
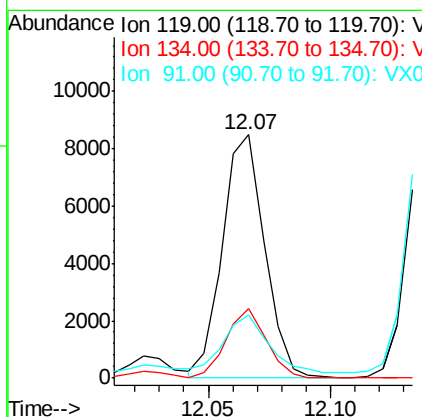
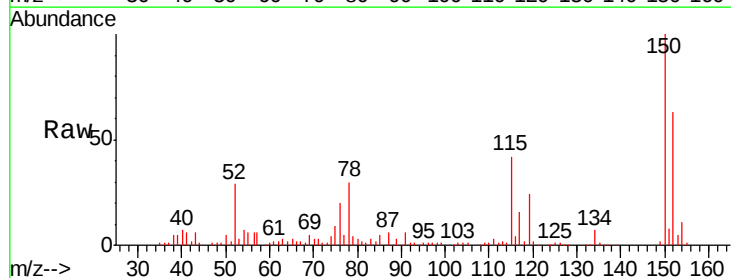
Manual Integrations
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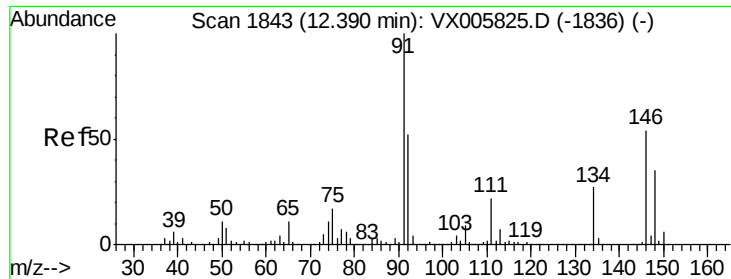
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#86
 p-Isopropyltoluene
 Concen: 2.14 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX006006.D
 Acq: 15 Nov 2018 06:19

Tgt Ion:119 Resp: 10235
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.0 39.0
 91 25.3 11.4 34.2





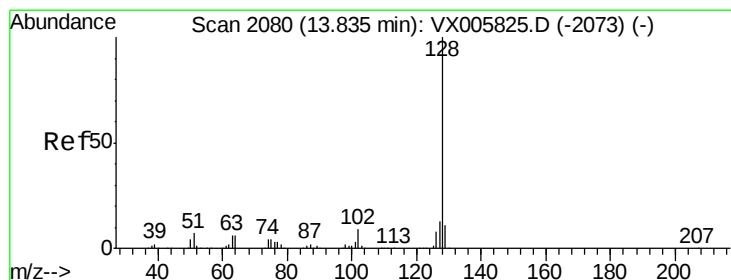
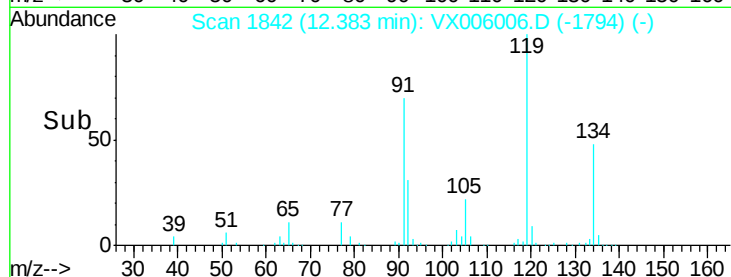
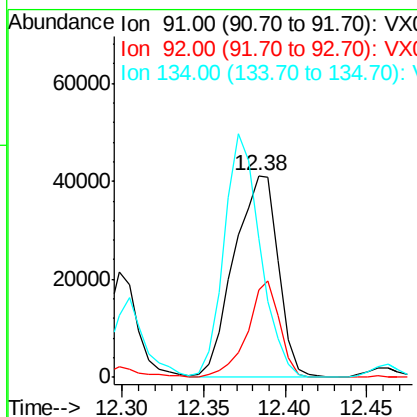
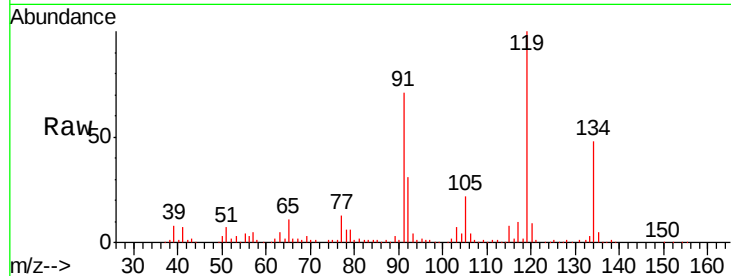
#89
n-Butylbenzene
Concen: 17.27 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006006.D
Acq: 15 Nov 2018 06:19

Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-110(17-19)ME

Tgt Ion: 91 Resp: 76573
Ion Ratio Lower Upper
91 100
92 35.7 26.1 78.2
134 99.9 13.1 39.3#

Manual Integrations
APPROVED

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11/15/2018 1:03:34 PM



#95
Naphthalene
Concen: 25.35 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006006.D
Acq: 15 Nov 2018 06:19

Tgt Ion: 128 Resp: 158159
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.7 8.7 13.1

