

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
 Data File : VX004896.D
 Acq On : 02 Oct 2018 03:31
 Operator : JC/MD
 Sample : J5041-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0247

Manual Integrations
 APPROVED

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 10/4/2018 7:07:55 PM

Quant Time: Oct 02 05:49:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	238430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	374987	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	368729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213104	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	172761	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
35) Dibromofluoromethane	5.50	113	145592	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.62%	
50) Toluene-d8	8.72	98	544799	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
62) 4-Bromofluorobenzene	11.14	95	208570	54.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.60%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.32	50	3213	0.815	ug/l	94
16) Acetone	2.45	43	8680	4.365	ug/l	99
31) Cyclohexane	5.57	56	437610	100.980	ug/l	93
39) Methylcyclohexane	7.46	83	457288	103.281	ug/l	94
40) Benzene	6.15	78	3584	0.264	ug/l	92
52) Toluene	8.79	92	2753	0.369	ug/l	95
73) Isopropylbenzene	11.02	105	49178	3.661	ug/l	98
78) n-propylbenzene	11.36	91	27737	1.800	ug/l	96
83) tert-Butylbenzene	11.77	119	10700	0.968	ug/l	88
85) sec-Butylbenzene	11.94	105	39276	2.916	ug/l	87
89) n-Butylbenzene	12.38	91	4903m	0.442	ug/l	
95) Naphthalene	13.83	128	41395	3.021	ug/l #	89

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

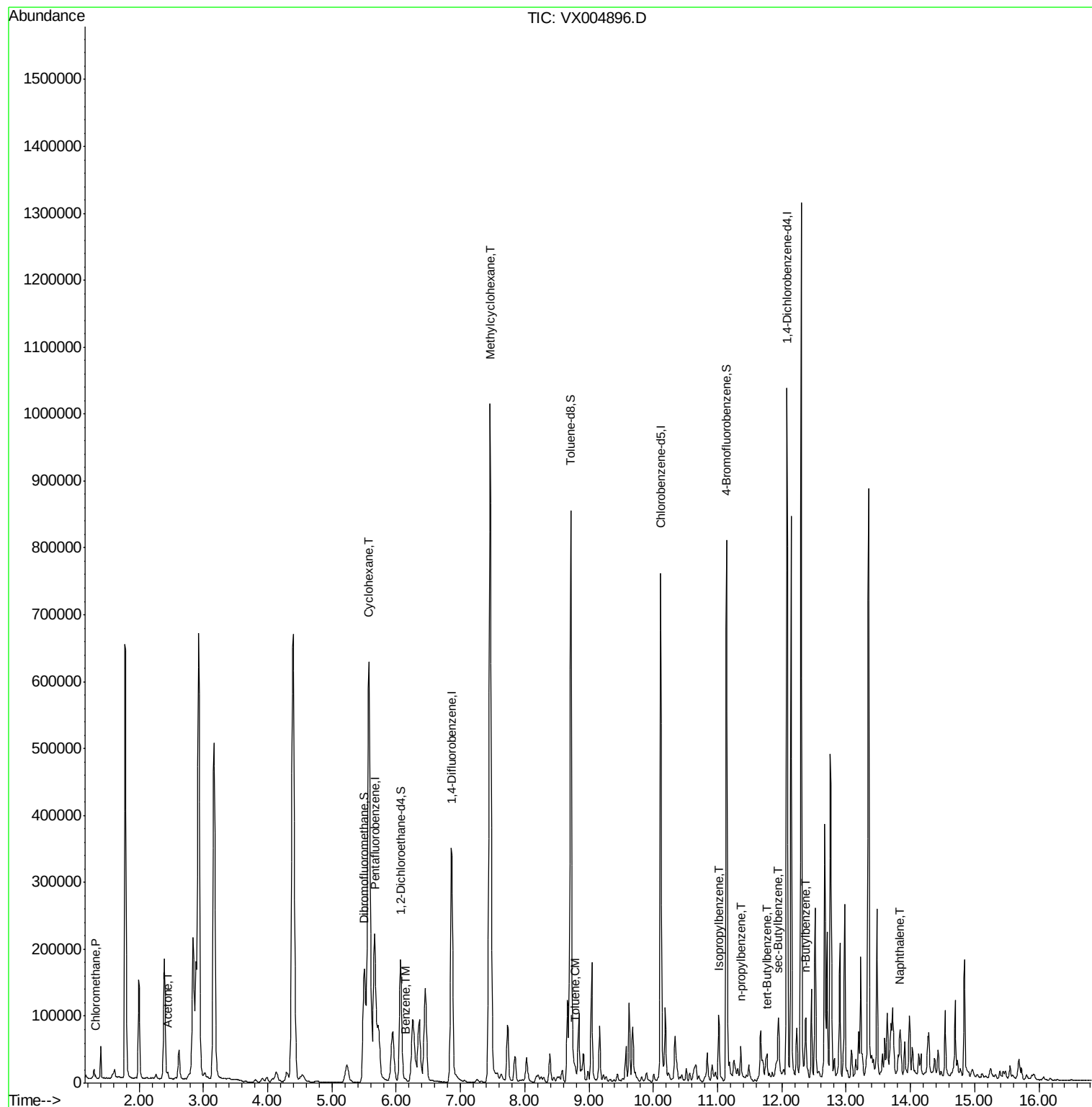
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100118\
Data File : VX004896.D
Acq On : 02 Oct 2018 03:31
Operator : JC/MD
Sample : J5041-04
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ALS Vial : 41 Sample Multiplier: 1

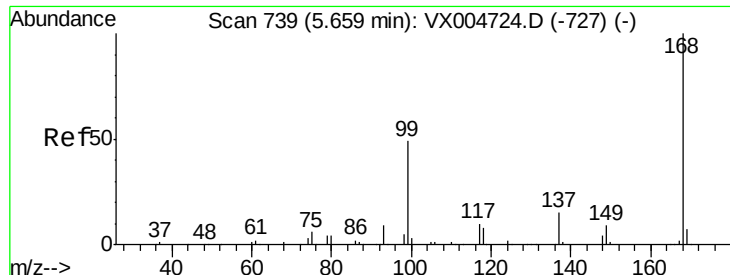
Instrument :
MSVOA_X
ClientSampleId :
S13-0247

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Quant Time: Oct 02 05:49:02 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 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: VX004896.D

Acq: 02 Oct 2018 03:31

Instrument :

MSVOA_X

ClientSampled :

S13-0247

Tot Ion:168 Resp: 238430

Ion Ratio Lower Upper

168 100

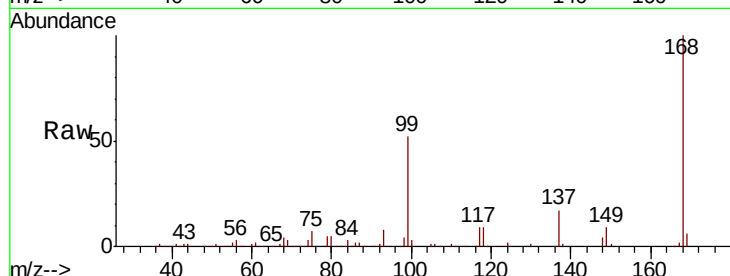
99 52.2 39.9 59.9

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

80000

60000

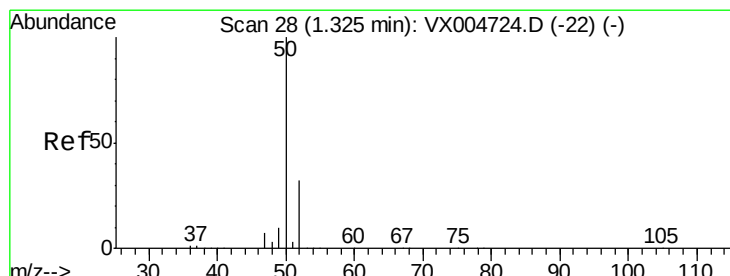
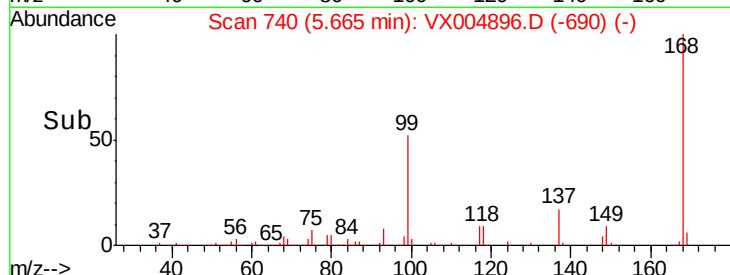
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#3

Chloromethane

Concen: 0.815 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004896.D

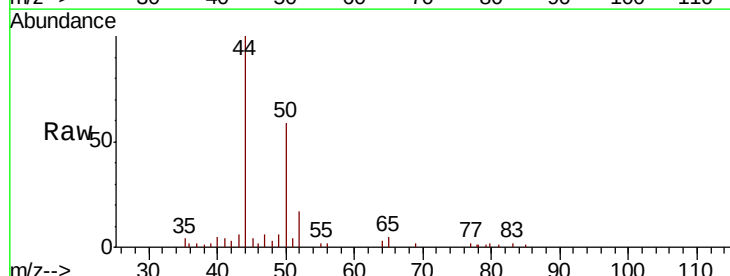
Acq: 02 Oct 2018 03:31

Tgt Ion: 50 Resp: 3213

Ion Ratio Lower Upper

50 100

52 29.3 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

3000

2500

2000

1500

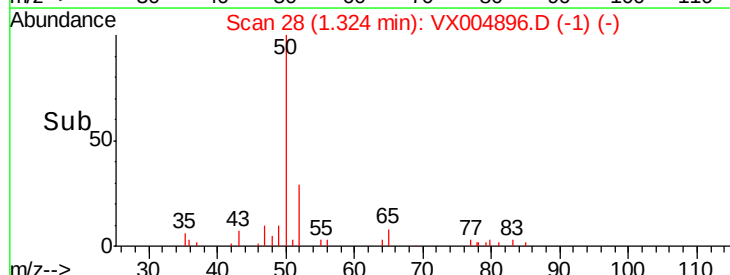
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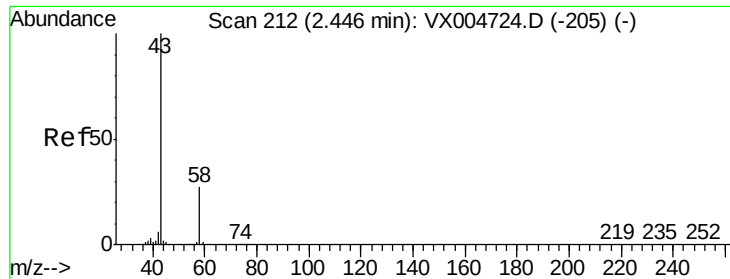
500

0

Time-->

1.25 1.30 1.35 1.40





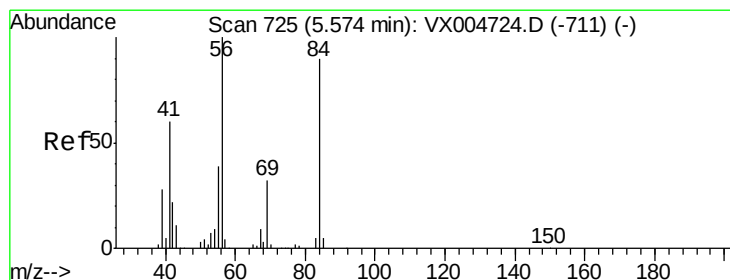
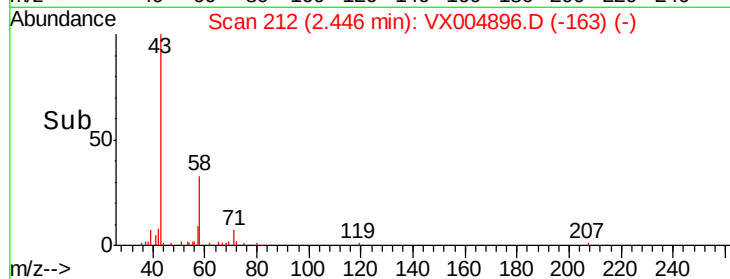
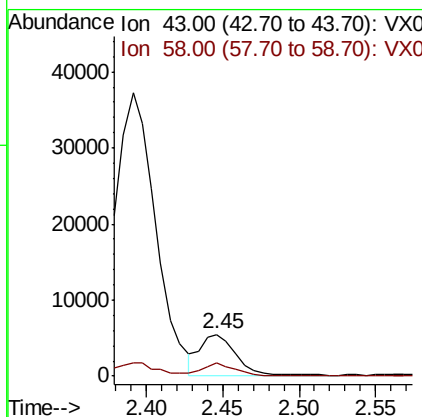
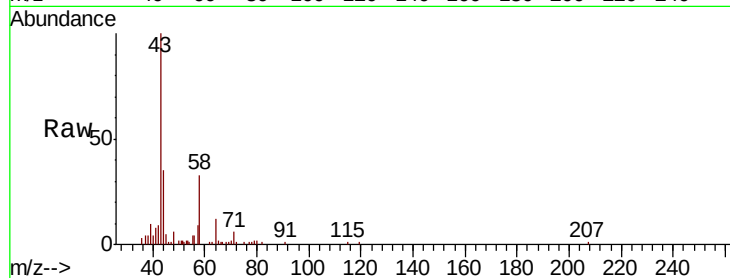
#16
Acetone
Concen: 4.365 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX004896.D
Acq: 02 Oct 2018 03:31

Instrument :
MSVOA_X
ClientSampleId :
S13-0247

Tot Ion: 43 Resp: 8680
Ion Ratio Lower Upper
43 100
58 33.5 26.2 39.4

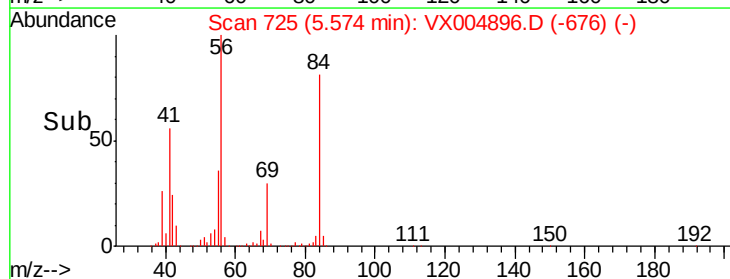
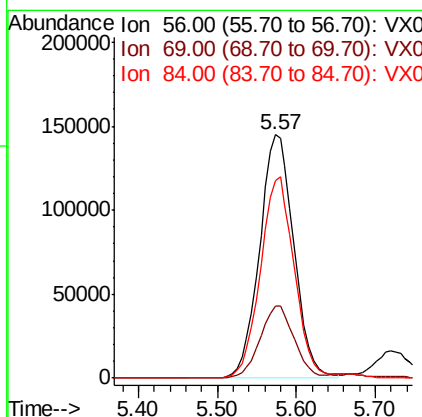
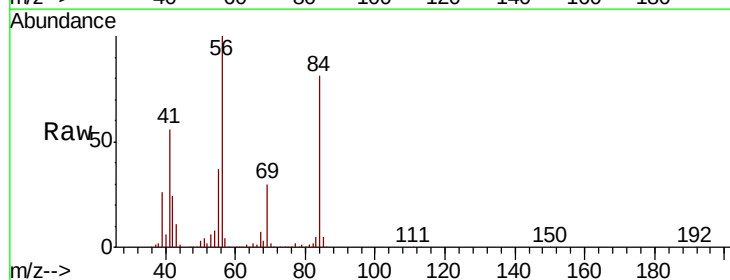
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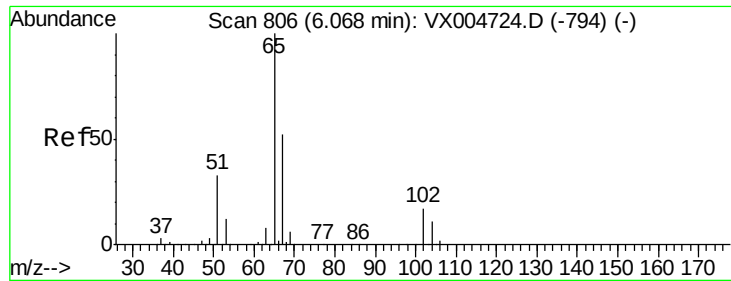
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#31
Cyclohexane
Concen: 100.980 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX004896.D
Acq: 02 Oct 2018 03:31

Tgt Ion: 56 Resp: 437610
Ion Ratio Lower Upper
56 100
69 29.7 25.4 38.2
84 81.3 71.4 107.2





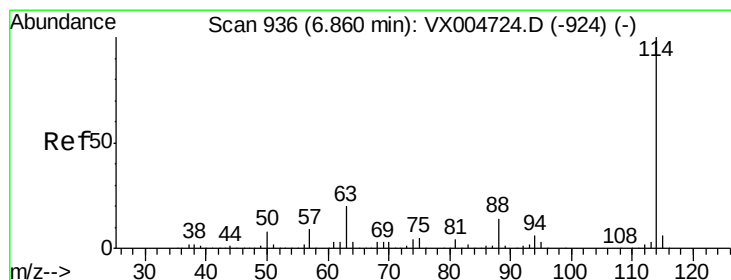
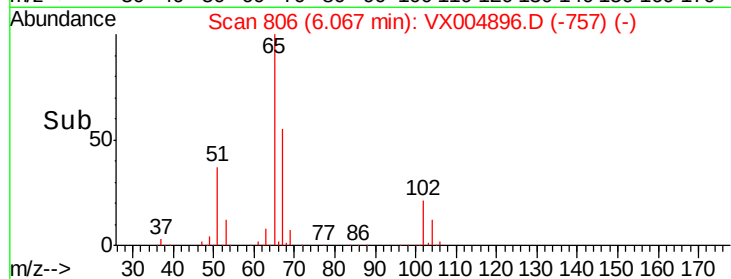
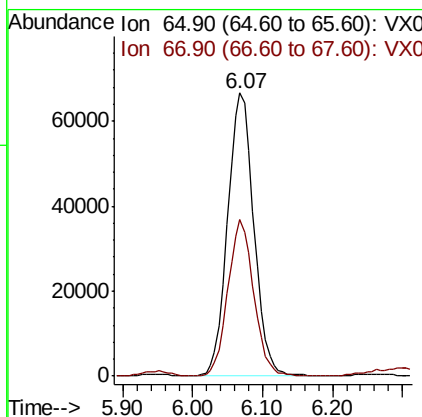
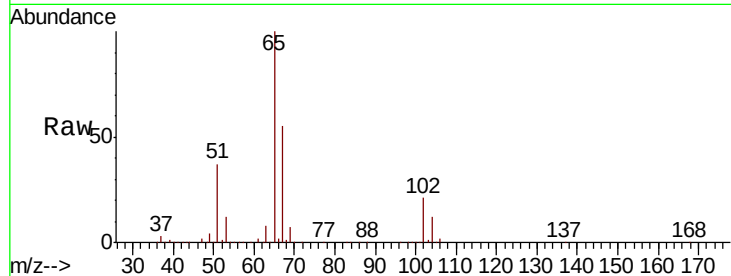
#33
 1,2-Dichloroethane-d4
 Concen: 50.723 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004896.D
 Acq: 02 Oct 2018 03:31

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0247

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	106.8

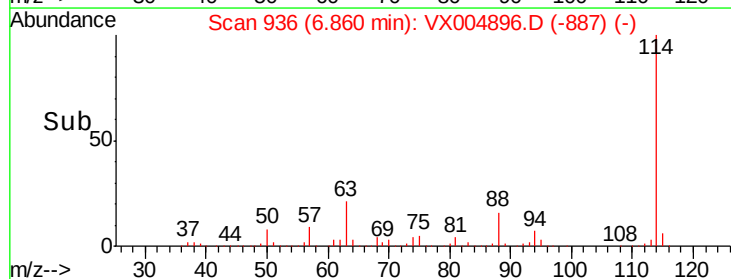
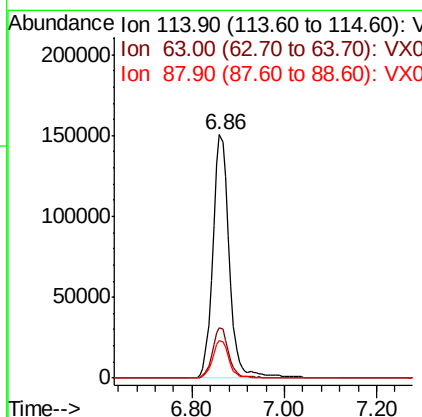
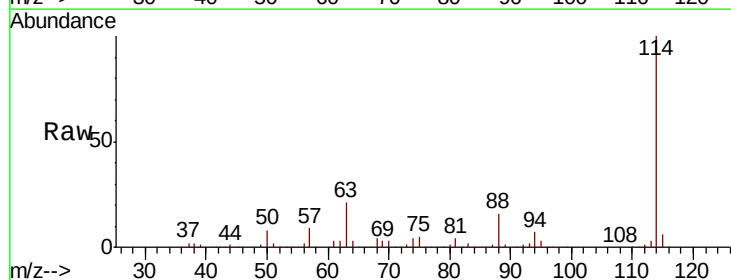
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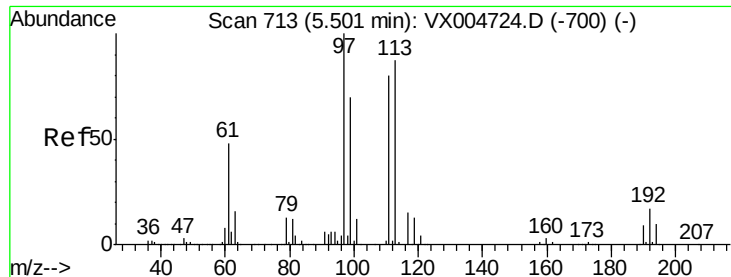
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004896.D
 Acq: 02 Oct 2018 03:31

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	39.0
88	15.6	0.0	30.4





#35

Dibromofluoromethane

Concen: 45.812 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004896.D

Acq: 02 Oct 2018 03:31

Instrument :

MSVOA_X

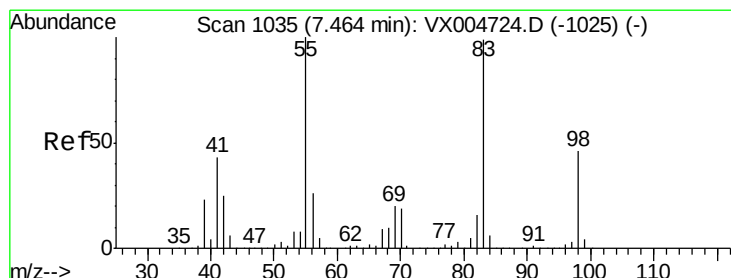
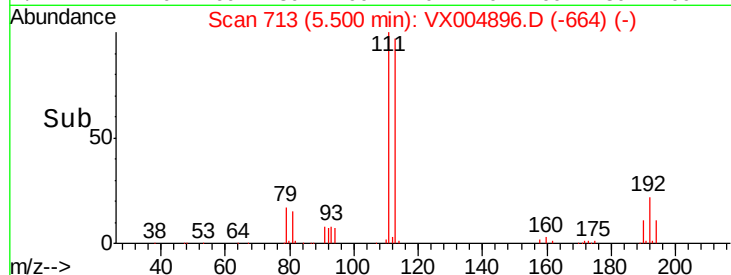
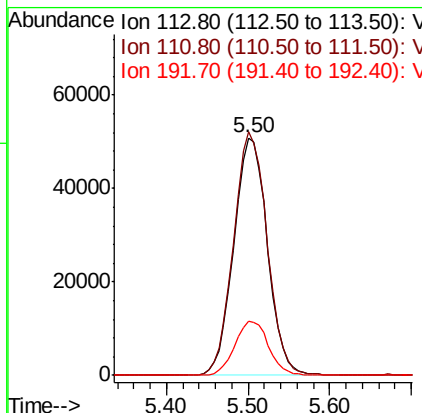
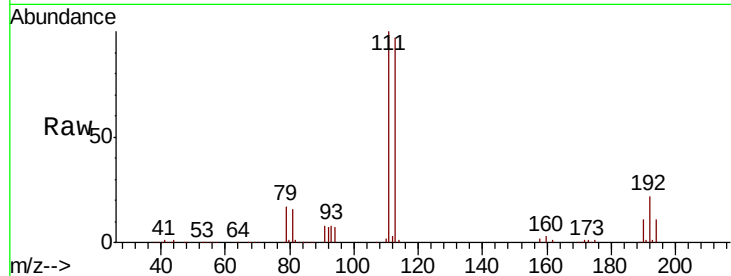
ClientSampleId :

S13-0247

Tot Ion:	113	Resp:	145592
Ion Ratio	Lower	Upper	
113	100		
111	102.2	82.4	123.6
192	22.9	19.4	29.2

Manual Integrations
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#39

Methylcyclohexane

Concen: 103.281 ug/l

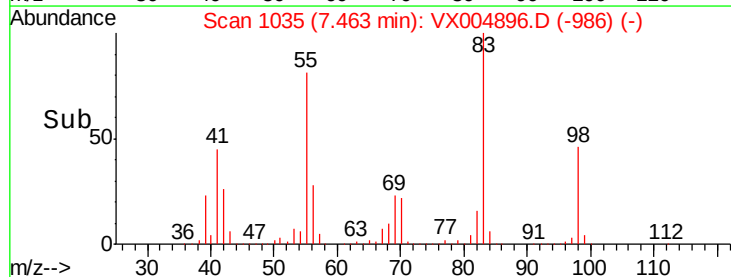
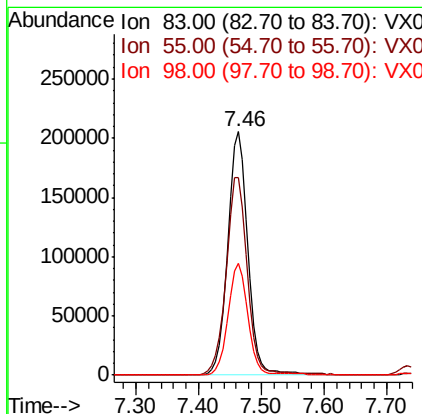
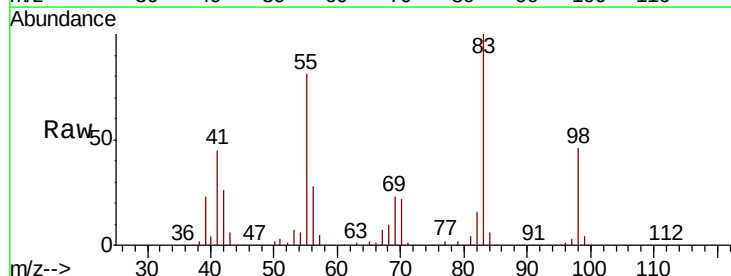
RT: 7.46 min Scan# 1035

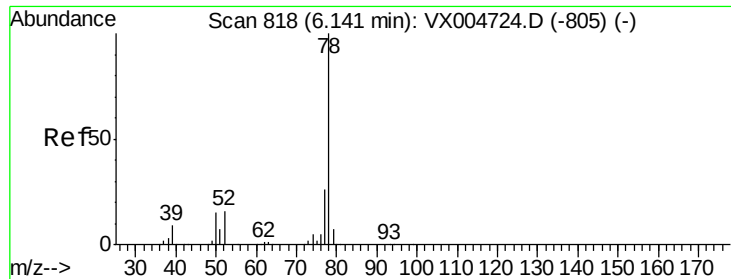
Delta R.T. -0.00 min

Lab File: VX004896.D

Acq: 02 Oct 2018 03:31

Tgt Ion:	83	Resp:	457288
Ion Ratio	Lower	Upper	
83	100		
55	81.3	61.0	91.4
98	45.9	39.6	59.4





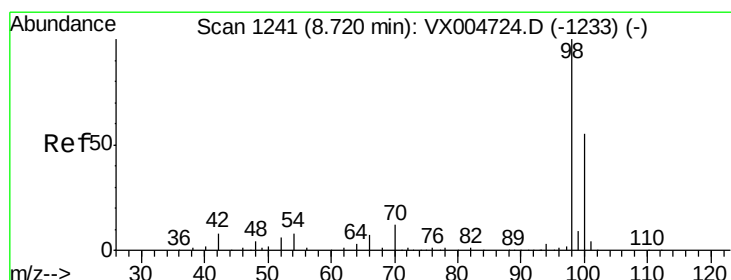
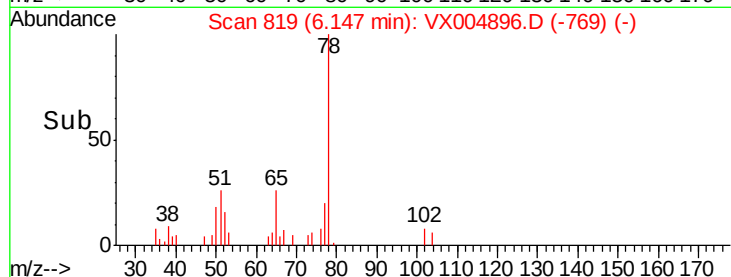
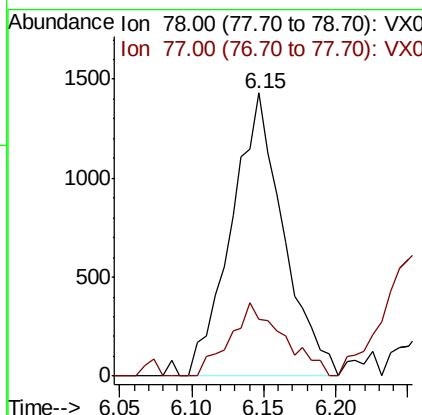
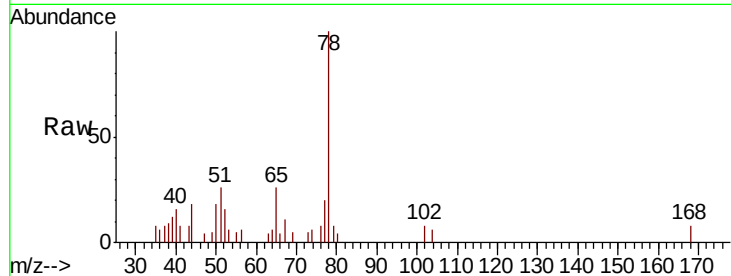
#40
Benzene
Concen: 0.264 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX004896.D
Acq: 02 Oct 2018 03:31

Instrument :
MSVOA_X
ClientSampleId :
S13-0247

Tot Ion: 78 Resp: 3584
Ion Ratio Lower Upper
78 100
77 19.9 19.0 28.4

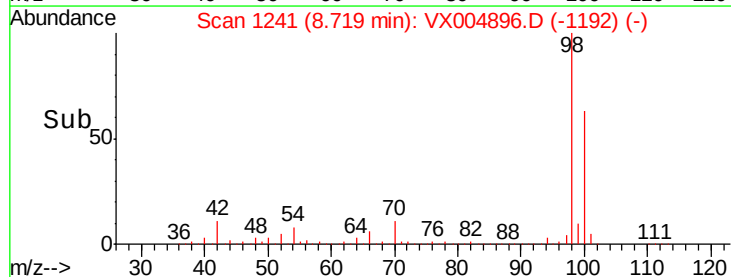
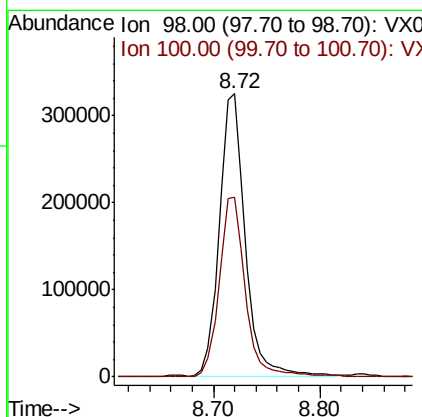
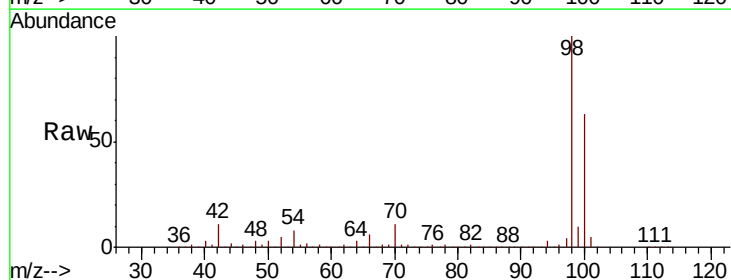
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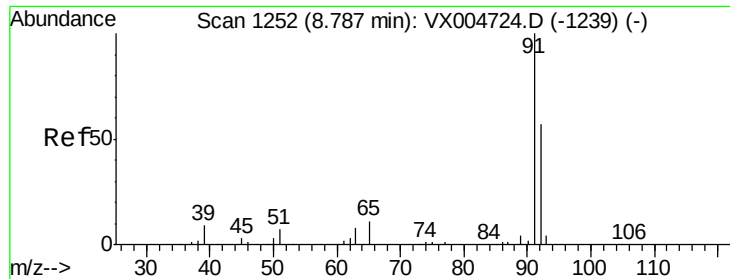
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#50
Toluene-d8
Concen: 51.564 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004896.D
Acq: 02 Oct 2018 03:31

Tgt Ion: 98 Resp: 544799
Ion Ratio Lower Upper
98 100
100 65.3 52.9 79.3





#52

Toluene

Concen: 0.369 ug/l

RT: 8.79 min Scan# 1253

Delta R.T. 0.01 min

Lab File: VX004896.D

Acq: 02 Oct 2018 03:31

Instrument :

MSVOA_X

ClientSampled :

S13-0247

Tot Ion: 92 Resp: 2753

Ion Ratio Lower Upper

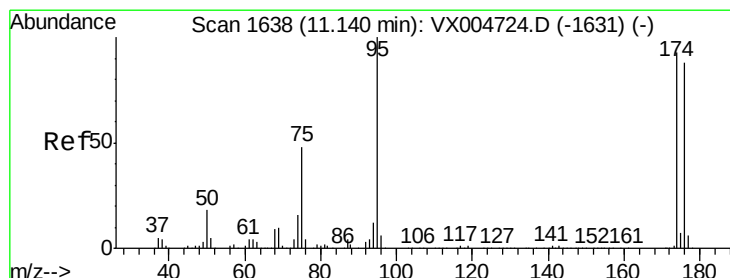
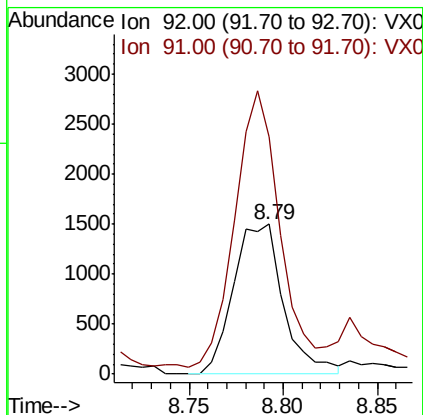
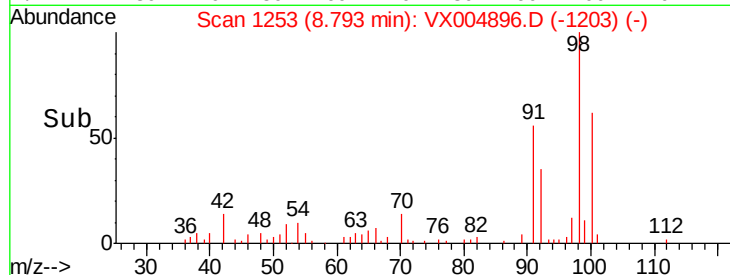
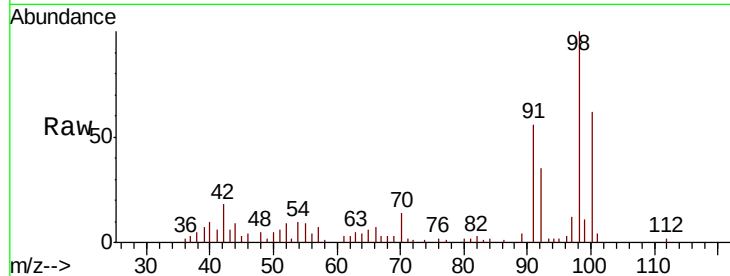
92 100

91 163.9 136.4 204.6

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 54.797 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004896.D

Acq: 02 Oct 2018 03:31

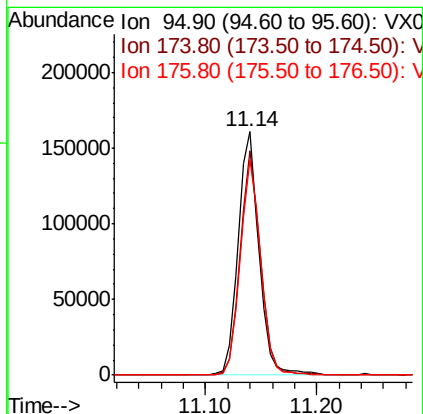
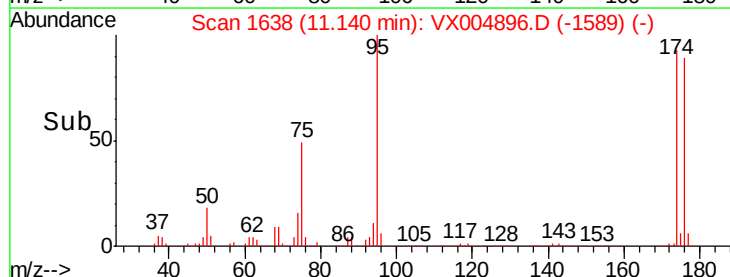
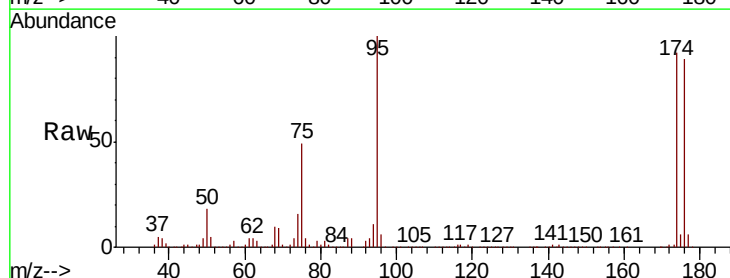
Tgt Ion: 95 Resp: 208570

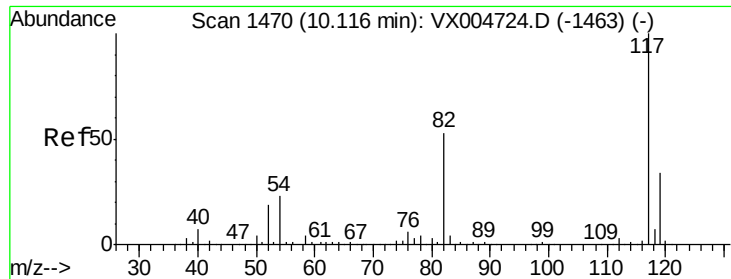
Ion Ratio Lower Upper

95 100

174 89.7 0.0 185.2

176 86.9 0.0 178.6





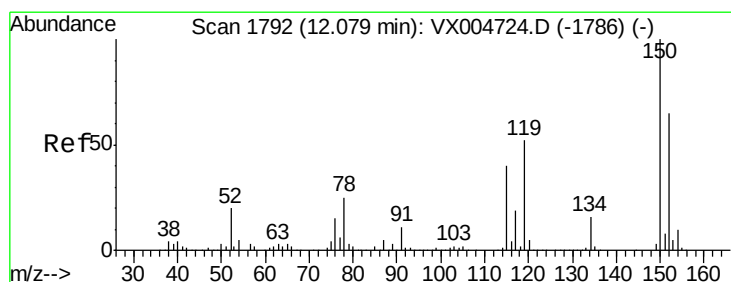
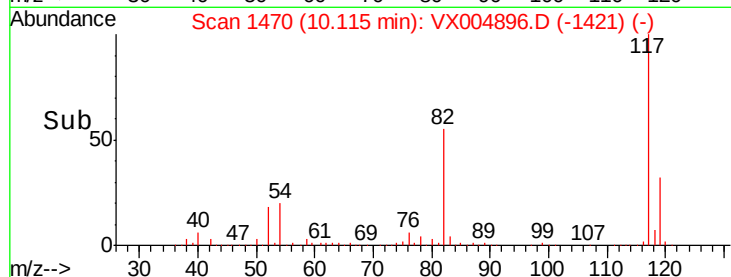
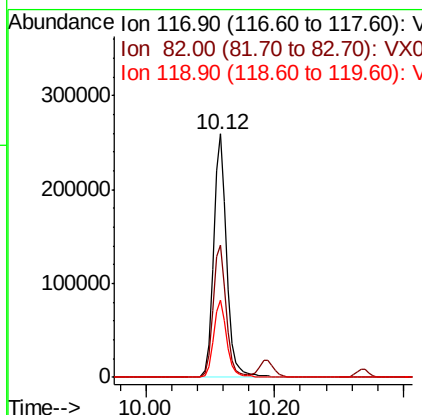
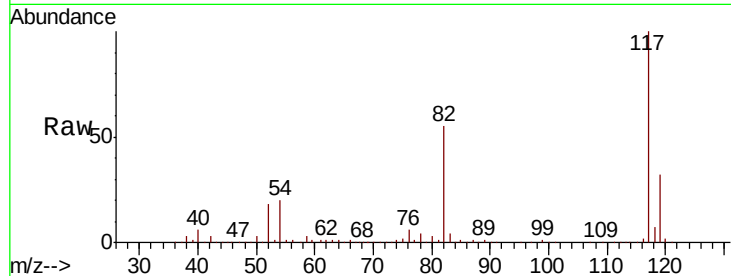
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004896.D
Acq: 02 Oct 2018 03:31

Instrument :
MSVOA_X
ClientSampled :
S13-0247

Tot Ion	Ratio	Resp	Lower	Upper
117	100	368729		
82	54.5		47.8	71.6
119	31.7		29.3	43.9

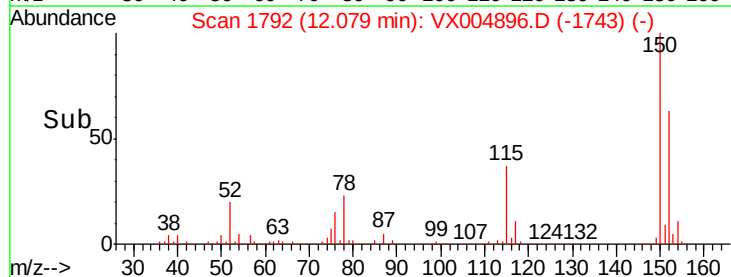
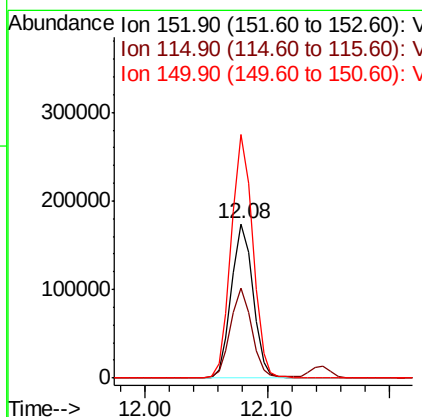
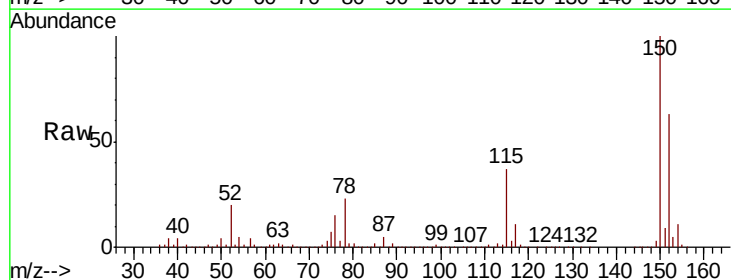
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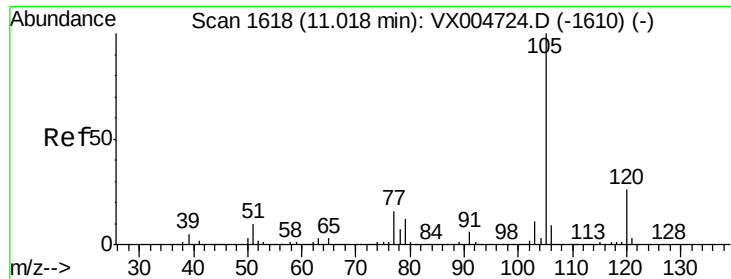
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004896.D
Acq: 02 Oct 2018 03:31

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	213104		
115	57.1		39.0	117.0
150	157.3		0.0	351.0





#73

Isopropylbenzene

Concen: 3.661 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004896.D

Acq: 02 Oct 2018 03:31

Instrument :

MSVOA_X

ClientSampled :

S13-0247

Tot Ion: 105 Resp: 49178

Ion Ratio Lower Upper

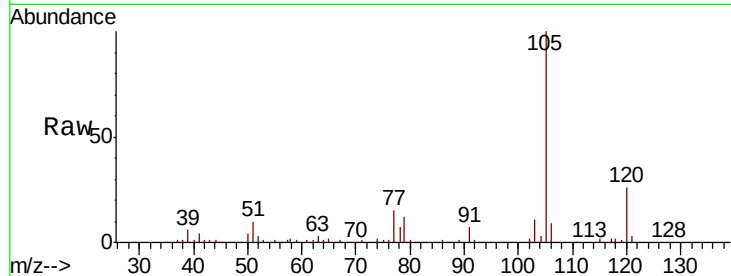
105 100

120 26.0 13.5 40.4

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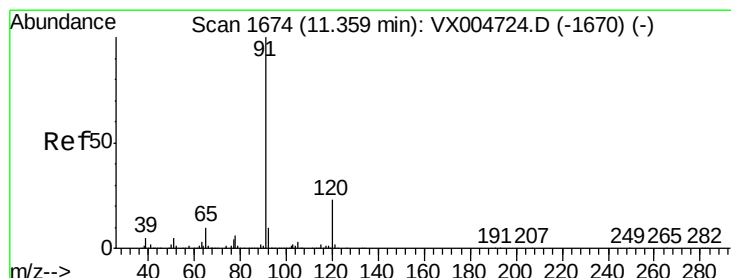
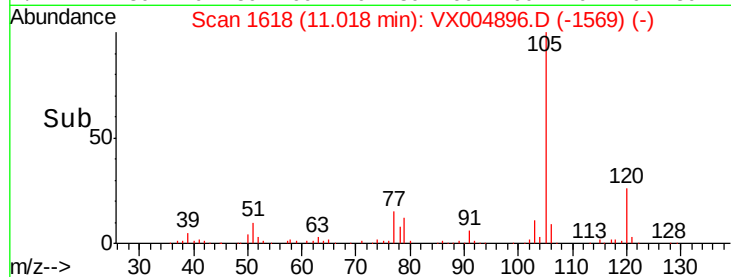
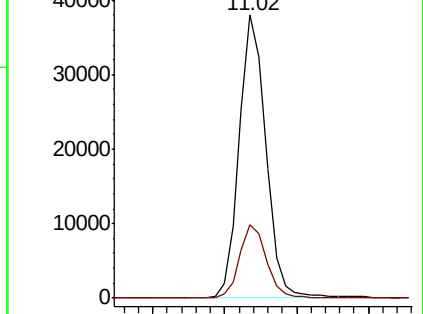
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 1.800 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004896.D

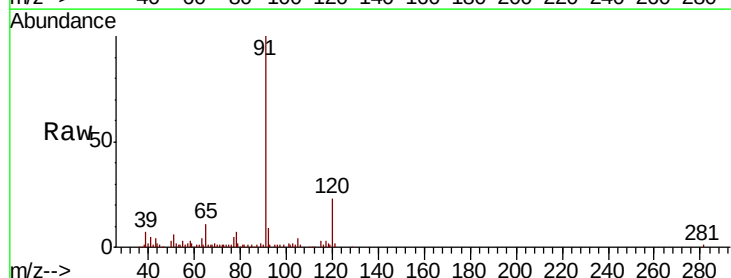
Acq: 02 Oct 2018 03:31

Tgt Ion: 91 Resp: 27737

Ion Ratio Lower Upper

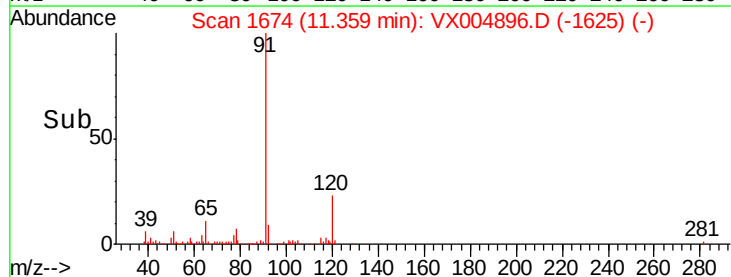
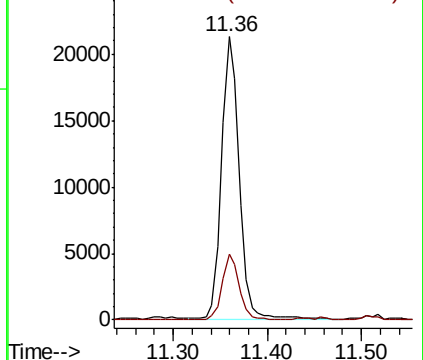
91 100

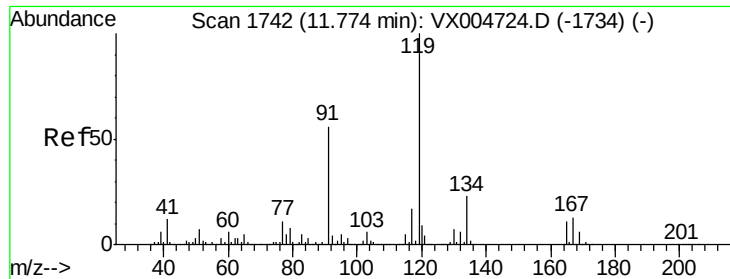
120 22.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





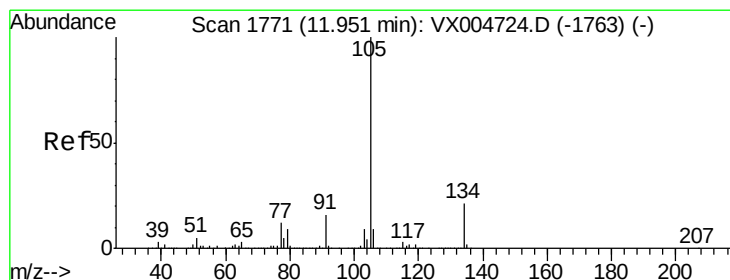
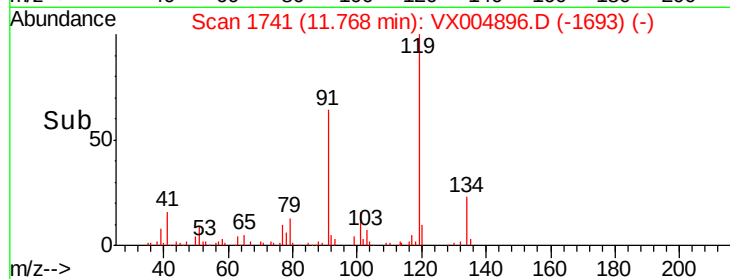
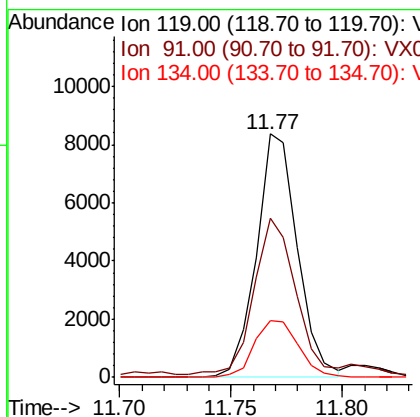
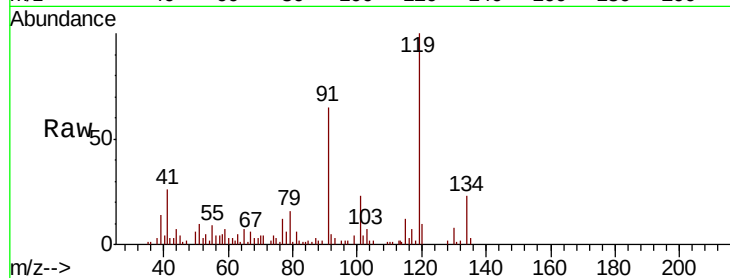
#83
 tert-Butylbenzene
 Concen: 0.968 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: VX004896.D
 Acq: 02 Oct 2018 03:31

Instrument :
 MSVOA_X
 ClientSampled :
 S13-0247

Tot Ion	Ratio	Resp	Lower	Upper
119	100	10700		
91	65.3	27.0	81.0	
134	25.3	11.7	35.1	

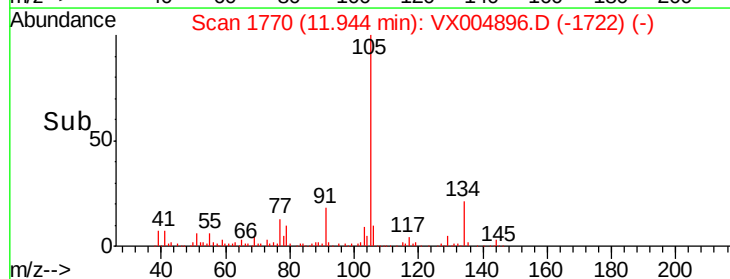
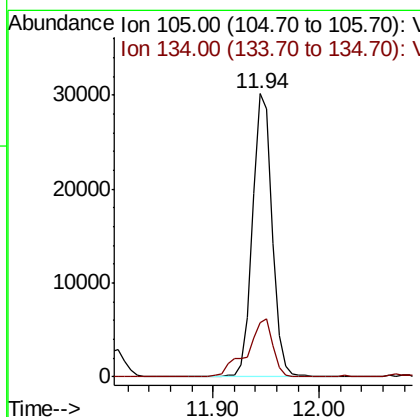
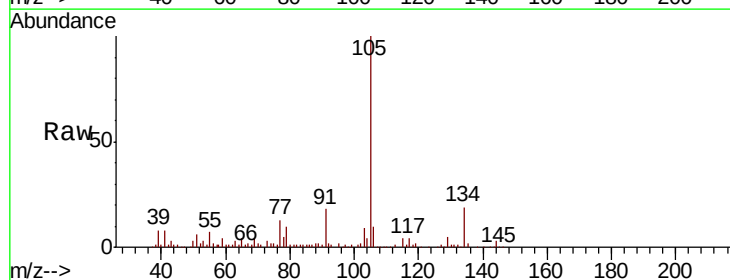
Manual Integrations
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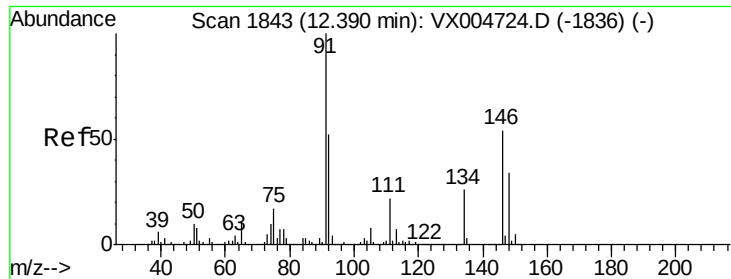
MMDadoda
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#85
 sec-Butylbenzene
 Concen: 2.916 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX004896.D
 Acq: 02 Oct 2018 03:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	39276		
134	26.9	10.5	31.5	





#89

n-Butylbenzene

Concen: 0.442 ug/l m

RT: 12.38 min Scan# 1841

Delta R.T. -0.01 min

Lab File: VX004896.D

Acq: 02 Oct 2018 03:31

Instrument :

MSVOA_X

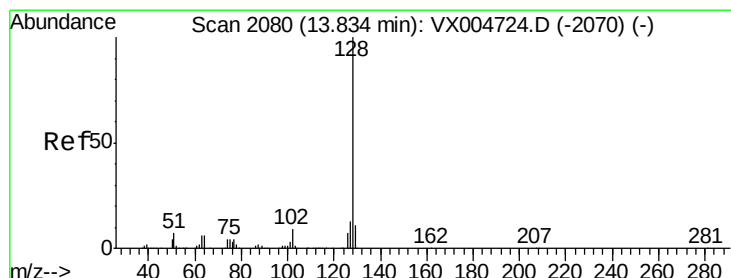
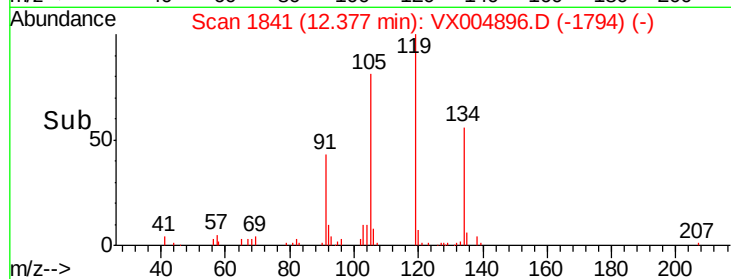
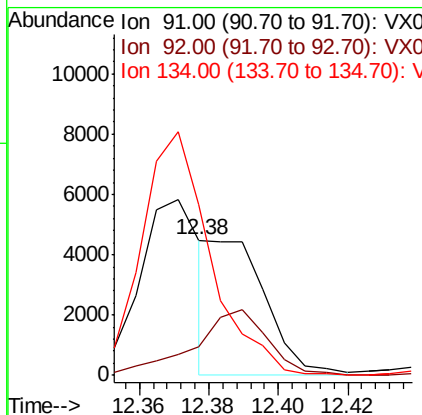
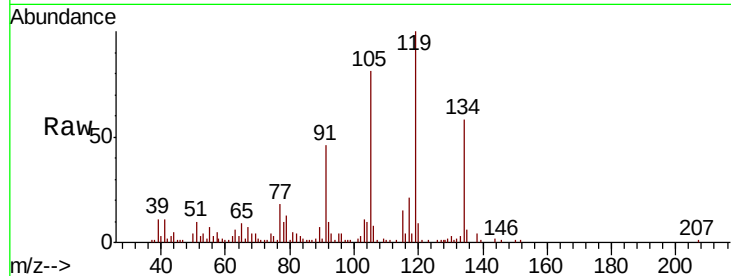
ClientSampled :

S13-0247

Tot Ion:	91	Resp:	4903
Ion	Ratio	Lower	Upper
91	100		
92	65.9	27.3	81.9
134	227.2	13.6	40.7#

Manual Integrations
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#95

Naphthalene

Concen: 3.021 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004896.D

Acq: 02 Oct 2018 03:31

Tgt Ion:	128	Resp:	41395
Ion	Ratio	Lower	Upper
128	100		
127	16.0	10.2	15.2#
129	16.2	8.6	12.8#

