

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082318\
 Data File : VX004228.D
 Acq On : 23 Aug 2018 15:53
 Operator : JC/MD
 Sample : J4579-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0552

Manual Integrations
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MMDadoda
 8/24/2018 11:35:42 AM

Quant Time: Aug 24 07:20:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	336918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	525164	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	466597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	299710	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	210211	47.87	ug/l	0.00
Spiked Amount			Recovery	=	95.74%	
35) Dibromofluoromethane	5.50	113	184652	47.26	ug/l	0.00
Spiked Amount			Recovery	=	94.52%	
50) Toluene-d8	8.71	98	735489	49.87	ug/l	0.00
Spiked Amount			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	11.14	95	279028	50.71	ug/l	0.00
Spiked Amount			Recovery	=	101.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.57	56	1962773	318.80	ug/l	98
39) Methylcyclohexane	7.46	83	1691613	250.95	ug/l	98
52) Toluene	8.79	92	10035	0.91	ug/l	97
67) Ethyl Benzene	10.26	91	9947160	523.04	ug/l #	87
68) m/p-Xylenes	10.37	106	11932550	1604.61	ug/l #	63
69) o-Xylene	10.71	106	6002197	853.28	ug/l	82
73) Isopropylbenzene	11.02	105	880004	44.71	ug/l	98
78) n-propylbenzene	11.36	91	1525077	67.36	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	2743712	168.31	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	7617577	455.23	ug/l	94
85) sec-Butylbenzene	11.94	105	155412m	7.98	ug/l	
86) p-Isopropyltoluene	12.07	119	166956	9.57	ug/l	100
95) Naphthalene	13.83	128	4921630	251.70	ug/l	98

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

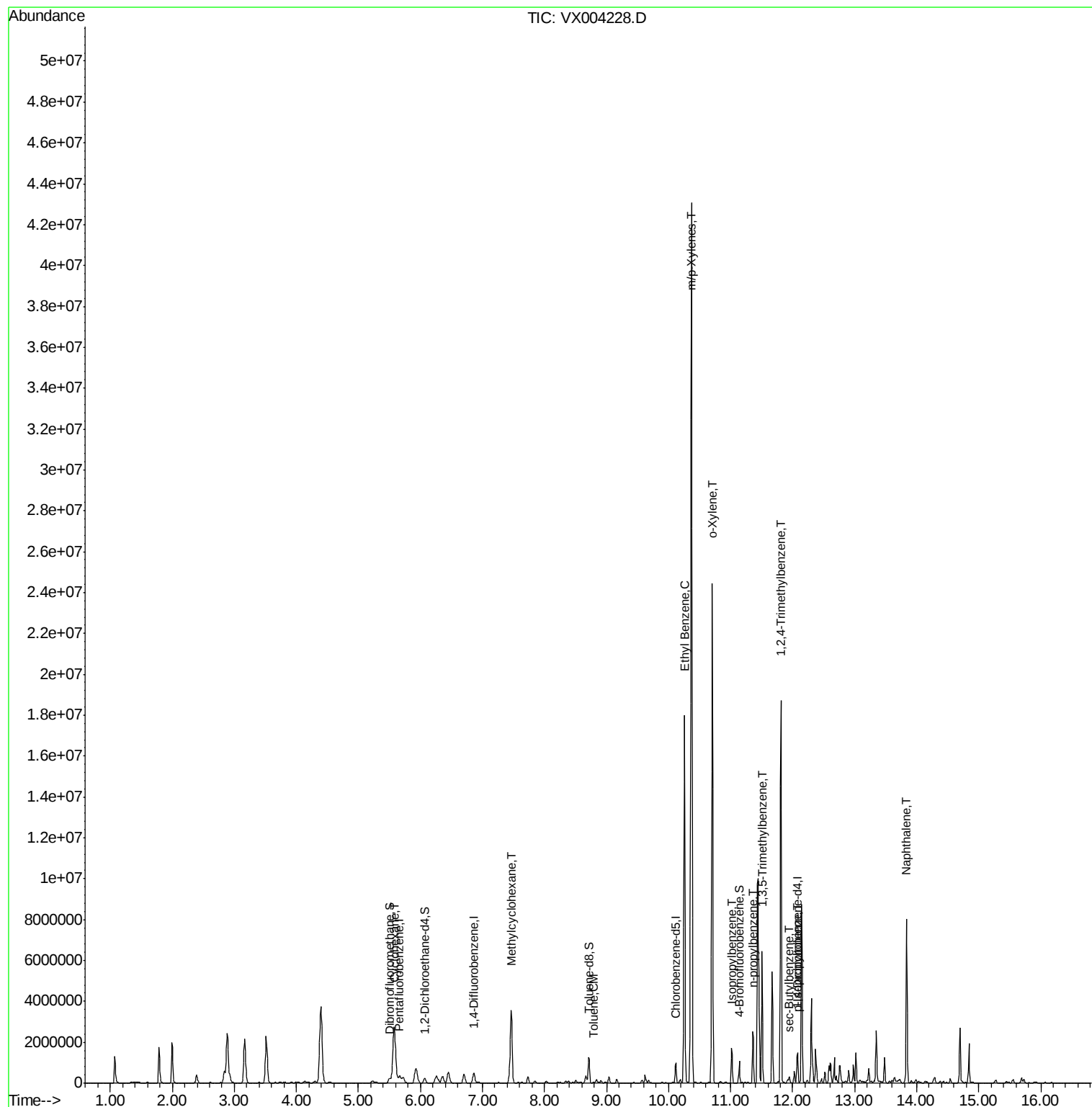
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082318\
Data File : VX004228.D
Acq On : 23 Aug 2018 15:53
Operator : JC/MD
Sample : J4579-11
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

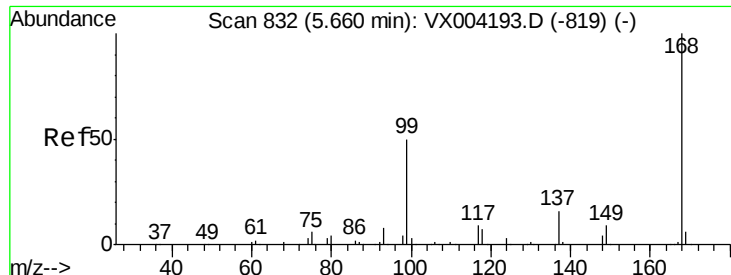
Instrument :
MSVOA_X
ClientSampleId :
FL-0552

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8/24/2018 11:35:42 AM

Quant Time: Aug 24 07:20:32 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX004228.D

Acq: 23 Aug 2018 15:53

Instrument :

MSVOA_X

ClientSampled :

FL-0552

Tot Ion:168 Resp: 336918

Ion Ratio Lower Upper

168 100

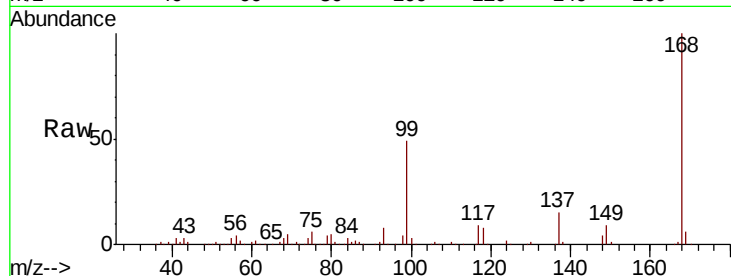
99 48.8 39.9 59.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

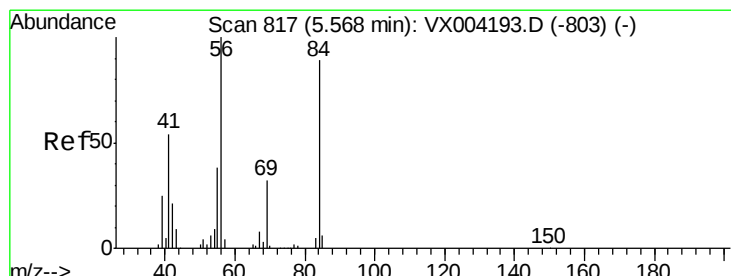
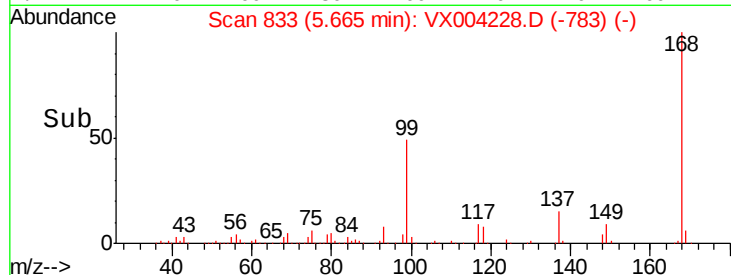
5.67

100000

50000

0

Time-->



#31

Cyclohexane

Concen: 318.80 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX004228.D

Acq: 23 Aug 2018 15:53

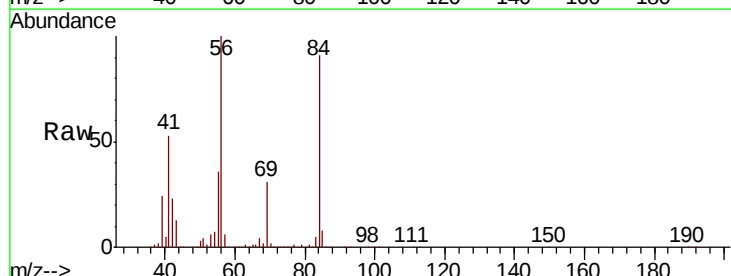
Tgt Ion: 56 Resp: 1962773

Ion Ratio Lower Upper

56 100

69 31.0 25.4 38.2

84 90.8 71.4 107.2



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

5.57

800000

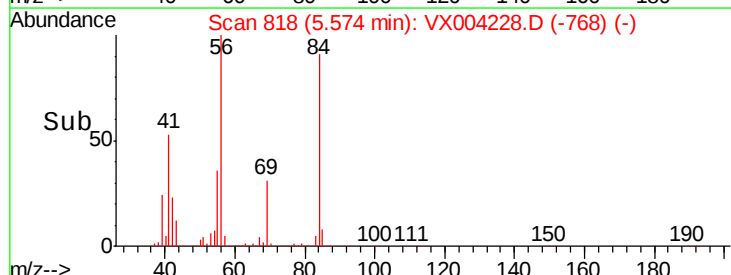
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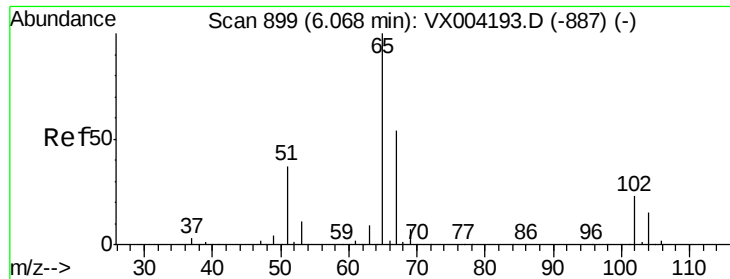
400000

200000

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Time-->





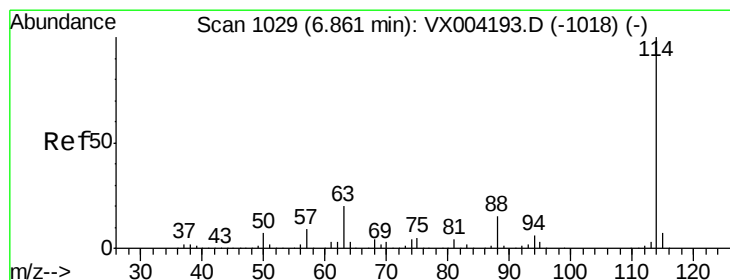
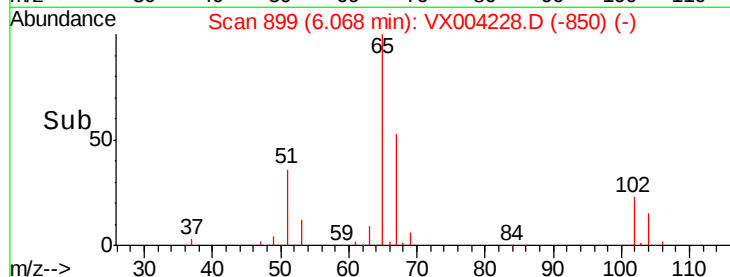
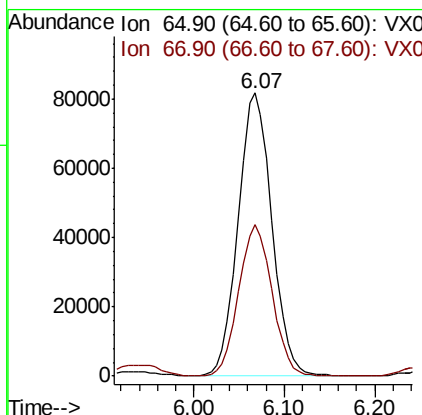
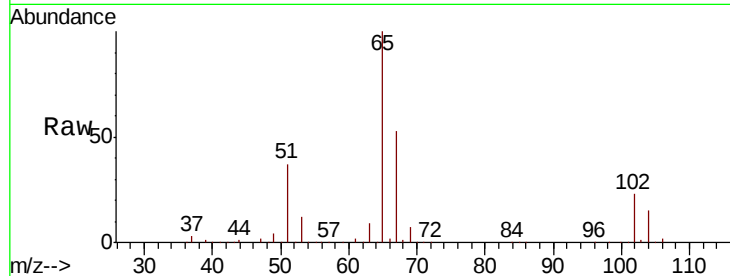
#33
 1,2-Dichloroethane-d4
 Concen: 47.87 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004228.D
 Acq: 23 Aug 2018 15:53

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0552

Tot Ion	Ratio	Resp	Lower	Upper
65	100	210211		
67	52.7	0.0	106.8	

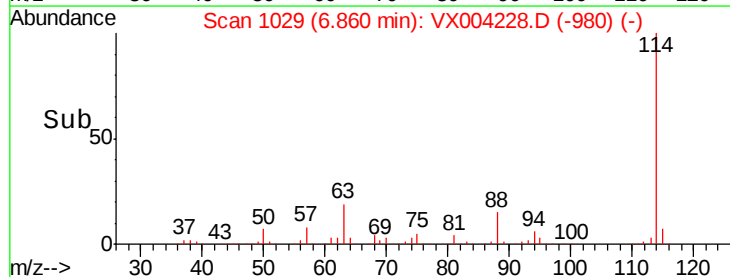
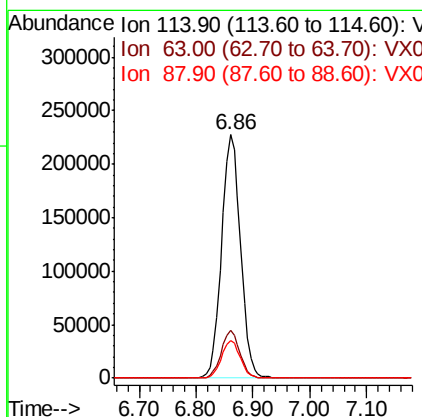
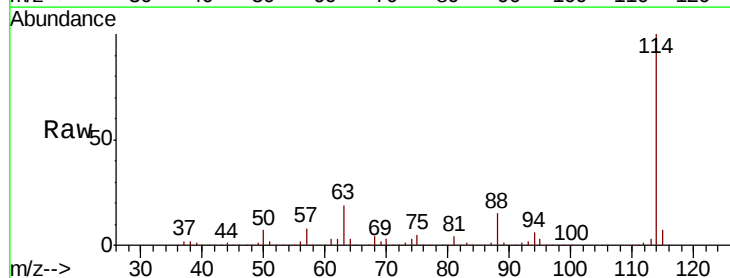
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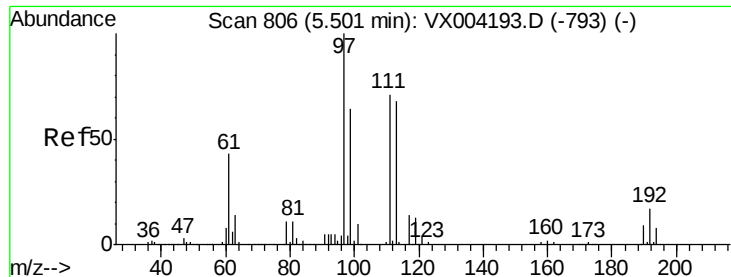
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004228.D
 Acq: 23 Aug 2018 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	525164		
63	19.4	0.0	39.0	
88	15.3	0.0	30.4	





#35

Dibromofluoromethane

Concen: 47.26 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004228.D

Acq: 23 Aug 2018 15:53

Instrument :

MSVOA_X

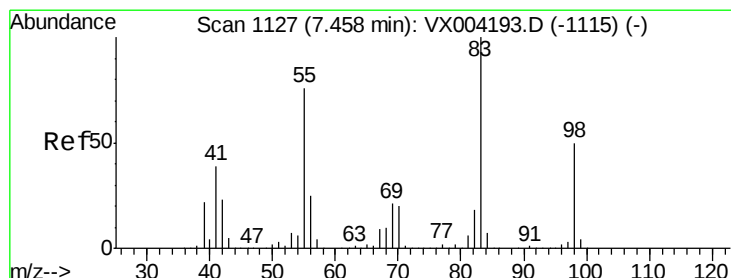
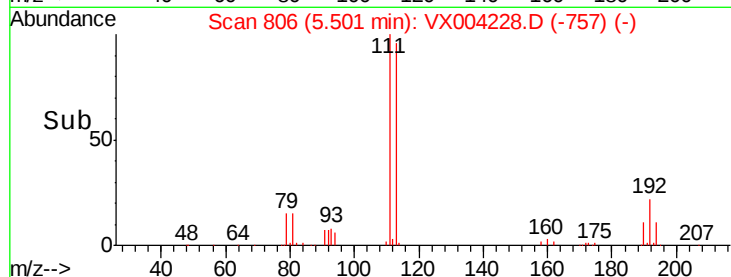
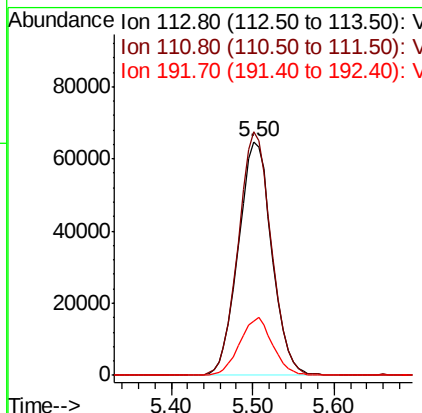
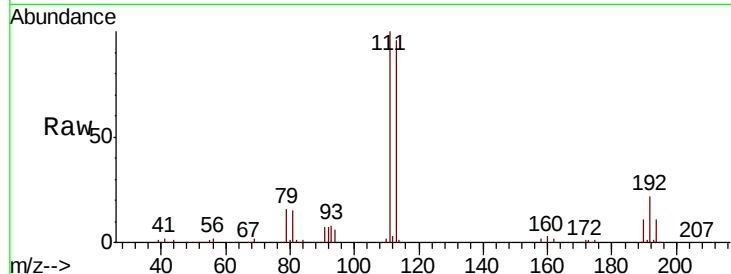
ClientSampleId :

FL-0552

Tot Ion:	113	Resp:	184652
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.4	123.6
192	24.2	19.4	29.2

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#39

Methylcyclohexane

Concen: 250.95 ug/l

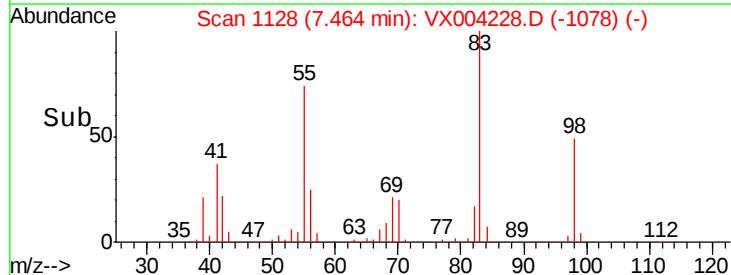
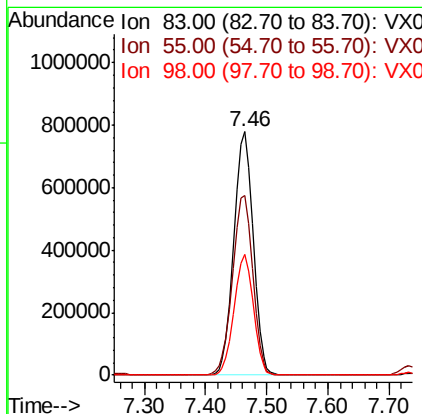
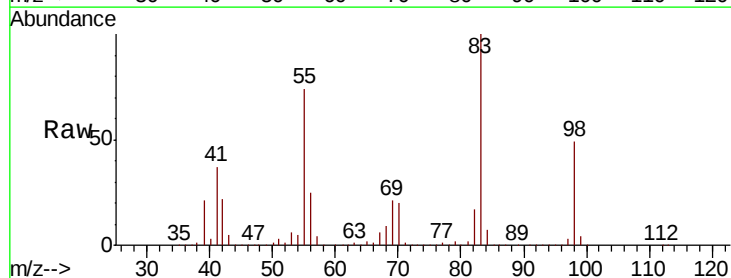
RT: 7.46 min Scan# 1128

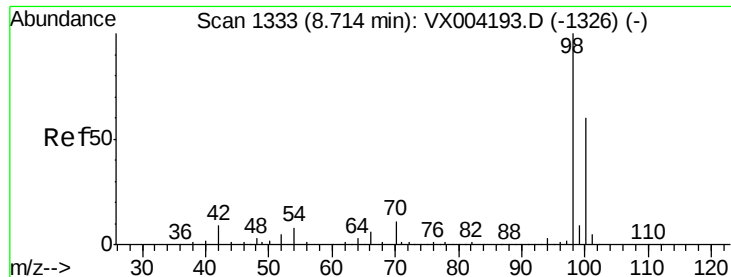
Delta R.T. 0.01 min

Lab File: VX004228.D

Acq: 23 Aug 2018 15:53

Tgt Ion:	83	Resp:	1691613
Ion	Ratio	Lower	Upper
83	100		
55	73.8	61.0	91.4
98	49.5	39.6	59.4





#50

Toluene-d8

Concen: 49.87 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.00 min

Lab File: VX004228.D

Acq: 23 Aug 2018 15:53

Instrument :

MSVOA_X

ClientSampled :

FL-0552

Tot Ion: 98 Resp: 735489

Ion Ratio Lower Upper

98 100

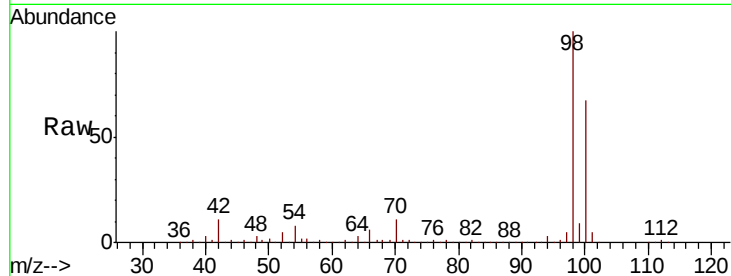
100 66.7 52.9 79.3

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Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

500000

400000

300000

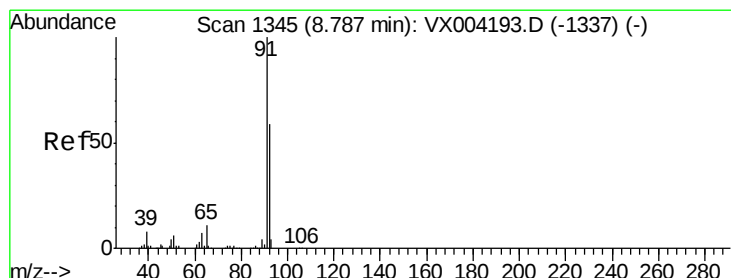
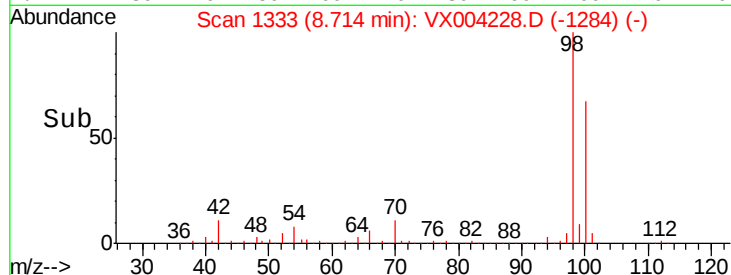
200000

100000

0

8.65 8.70 8.75 8.80 8.85

Time-->



#52

Toluene

Concen: 0.91 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004228.D

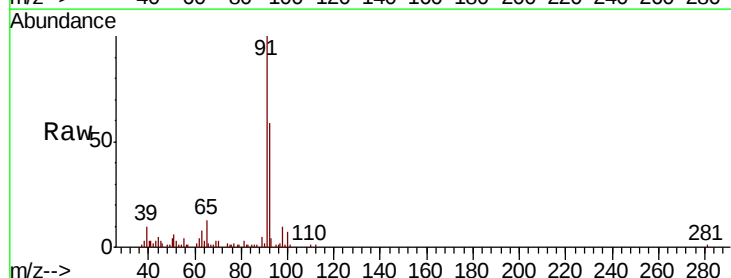
Acq: 23 Aug 2018 15:53

Tgt Ion: 92 Resp: 10035

Ion Ratio Lower Upper

92 100

91 166.2 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

12000

10000

8000

6000

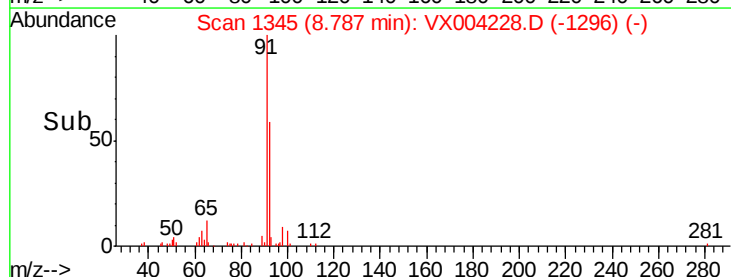
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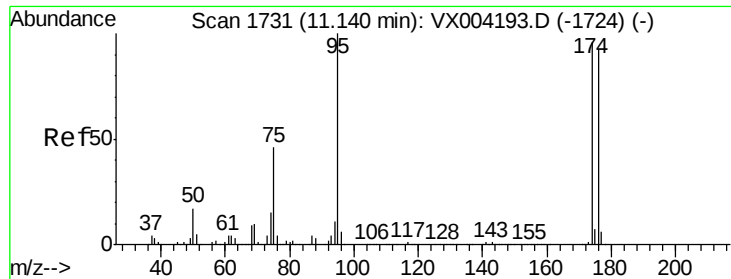
2000

0

8.70 8.75 8.80 8.85 8.90

Time-->





#62

4-Bromofluorobenzene

Concen: 50.71 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004228.D

Acq: 23 Aug 2018 15:53

Instrument :

MSVOA_X

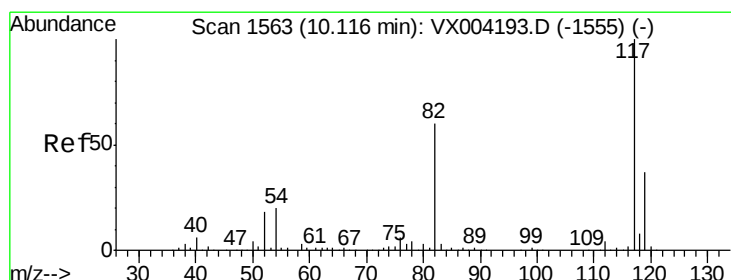
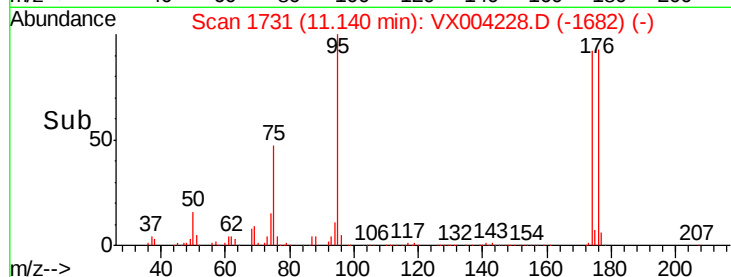
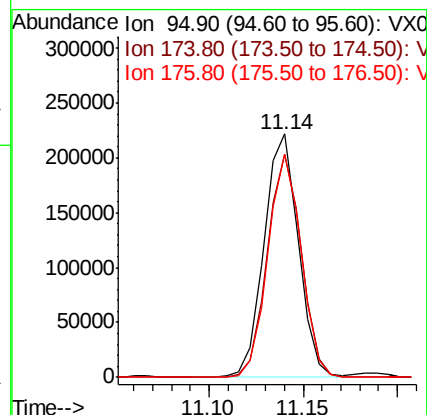
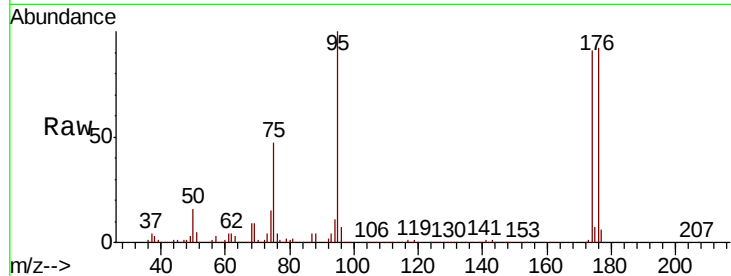
ClientSampleId :

FL-0552

Tot Ion:	95	Resp:	279028
Ion Ratio	Lower	Upper	
95	100		
174	91.0	0.0	185.2
176	89.3	0.0	178.6

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

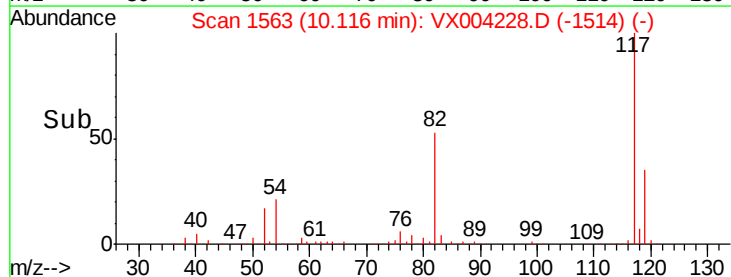
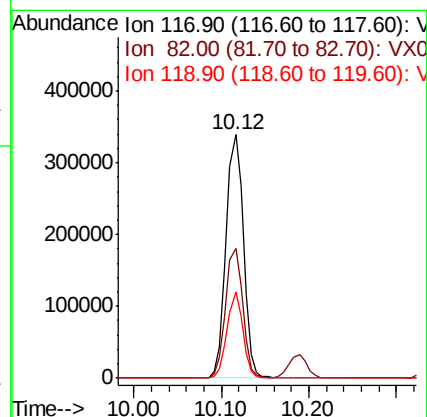
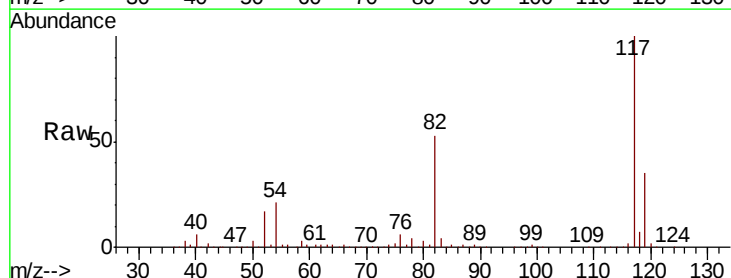
RT: 10.12 min Scan# 1563

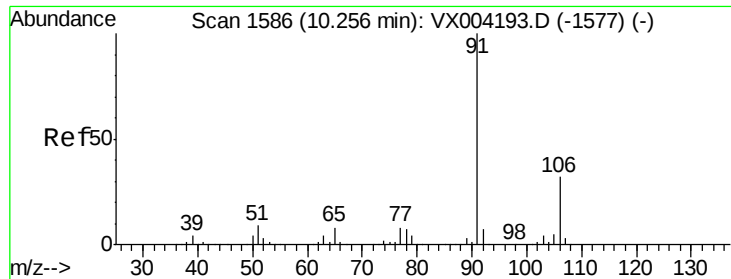
Delta R.T. -0.00 min

Lab File: VX004228.D

Acq: 23 Aug 2018 15:53

Tgt Ion:	117	Resp:	466597
Ion Ratio	Lower	Upper	
117	100		
82	53.3	47.8	71.6
119	35.3	29.3	43.9





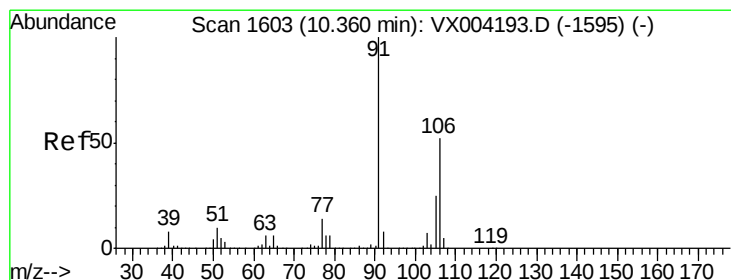
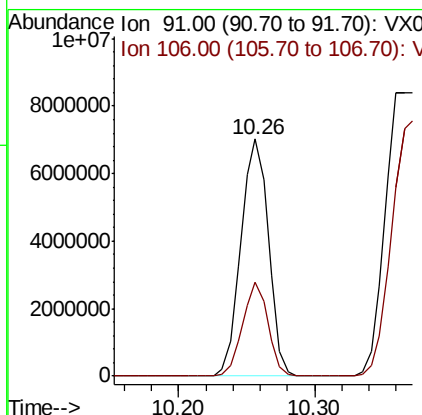
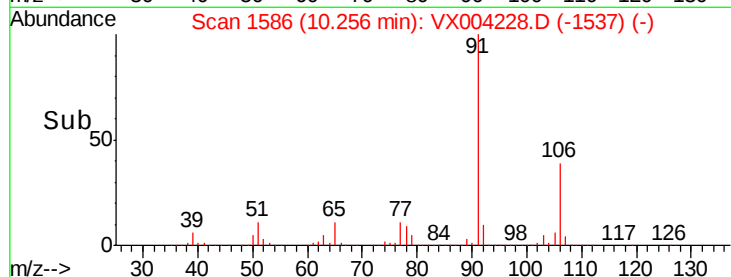
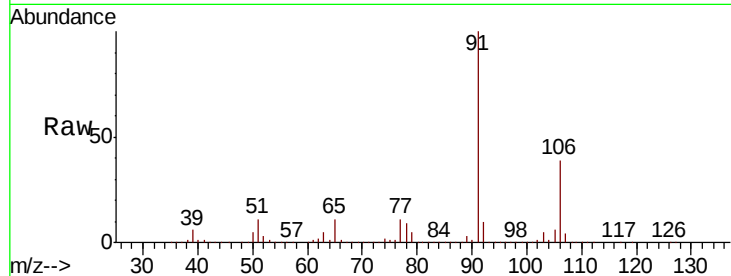
#67
Ethyl Benzene
Concen: 523.04 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX004228.D
Acq: 23 Aug 2018 15:53

Instrument :
MSVOA_X
ClientSampleId :
FL-0552

Tot Ion: 91 Resp: 9947160
Ion Ratio Lower Upper
91 100
106 39.4 25.9 38.9#

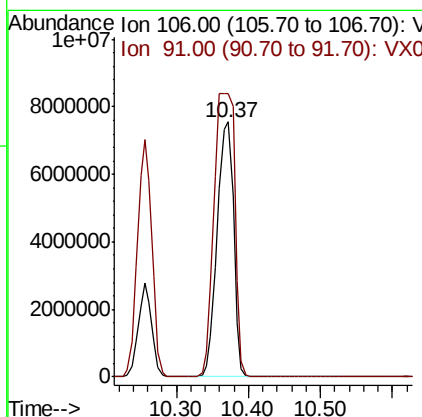
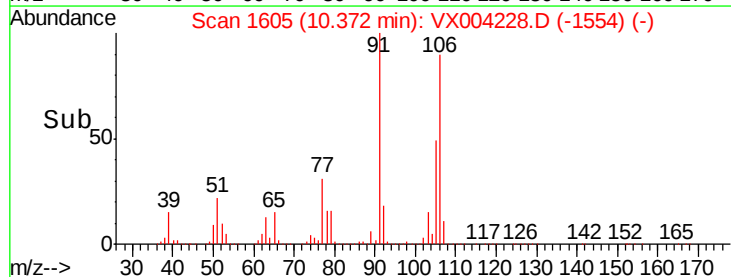
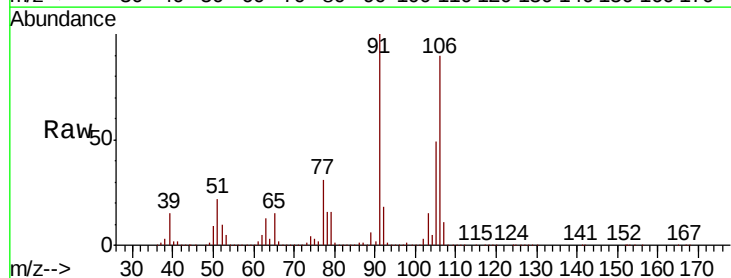
Manual Integrations
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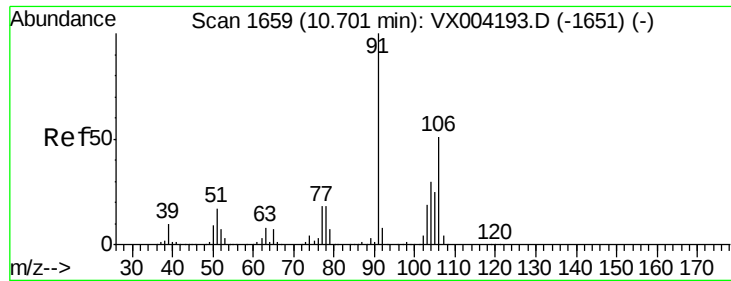
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8/24/2018 11:35:42 AM



#68
m/p-Xylenes
Concen: 1604.61 ug/l
RT: 10.37 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VX004228.D
Acq: 23 Aug 2018 15:53

Tgt Ion: 106 Resp: 11932550
Ion Ratio Lower Upper
106 100
91 141.1 157.1 235.7#





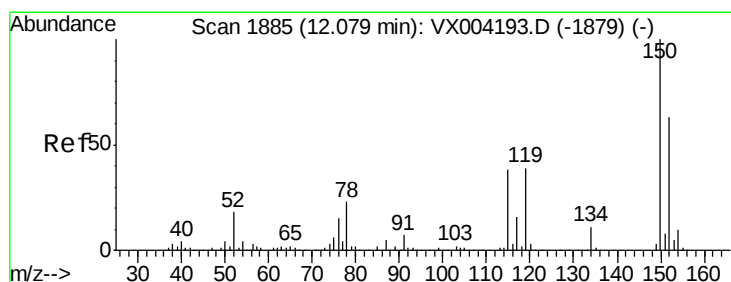
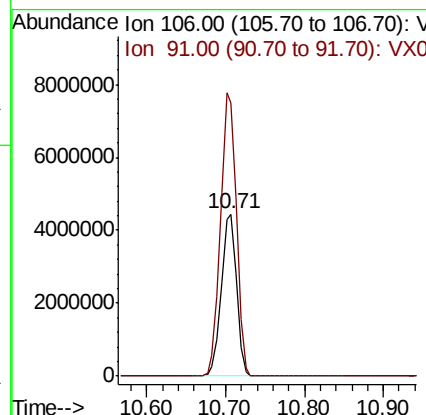
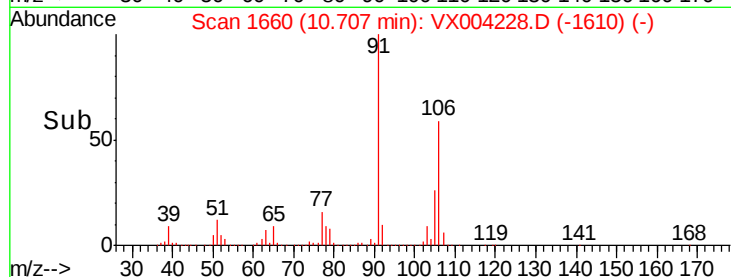
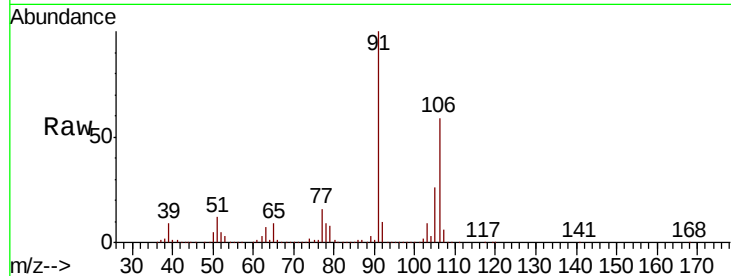
#69
o-Xylene
Concen: 853.28 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX004228.D
Acq: 23 Aug 2018 15:53

Instrument :
MSVOA_X
ClientSampled :
FL-0552

Tot Ion:106 Resp: 6002197
Ion Ratio Lower Upper
106 100
91 182.4 105.1 315.1

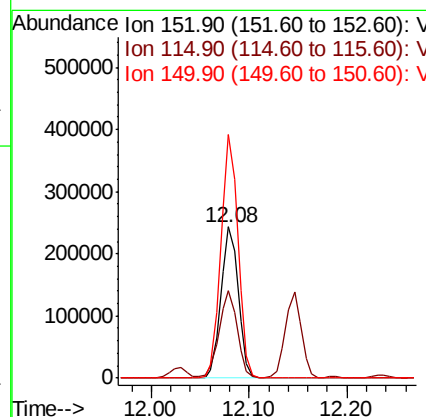
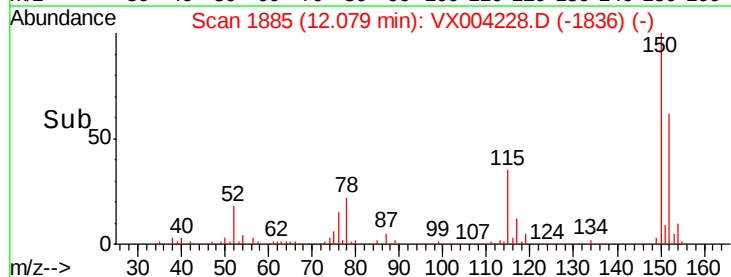
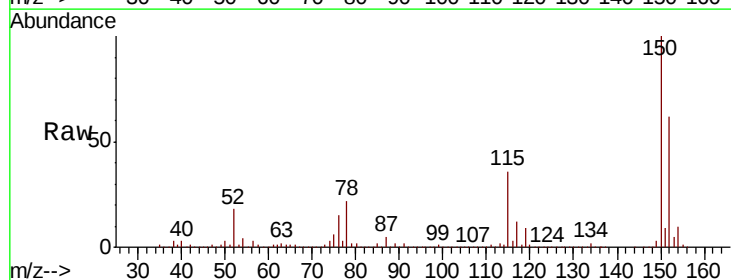
Manual Integrations
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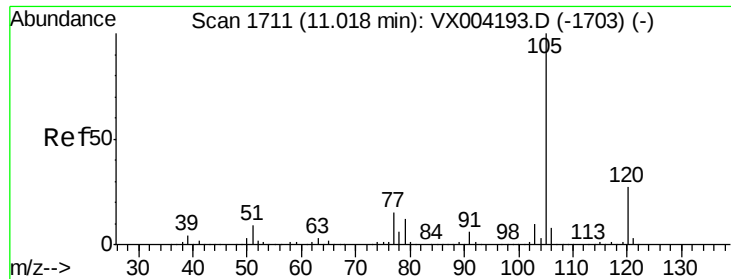
MMDadoda
8/24/2018 11:35:42 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004228.D
Acq: 23 Aug 2018 15:53

Tgt Ion:152 Resp: 299710
Ion Ratio Lower Upper
152 100
115 59.0 39.0 117.0
150 158.8 0.0 351.0





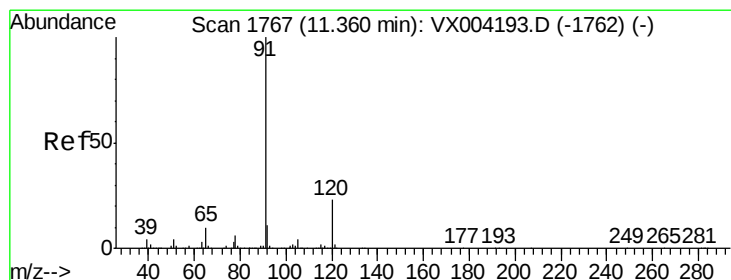
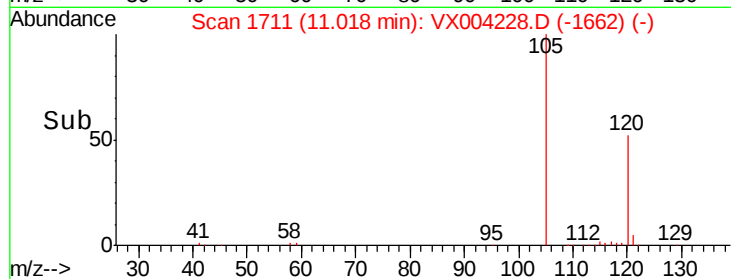
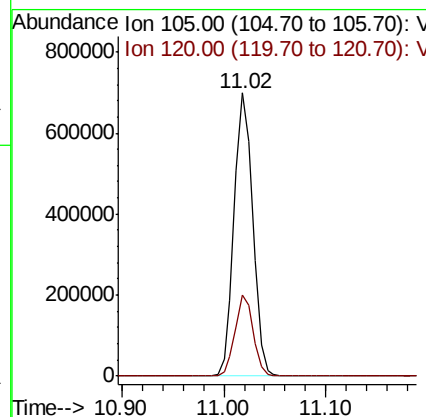
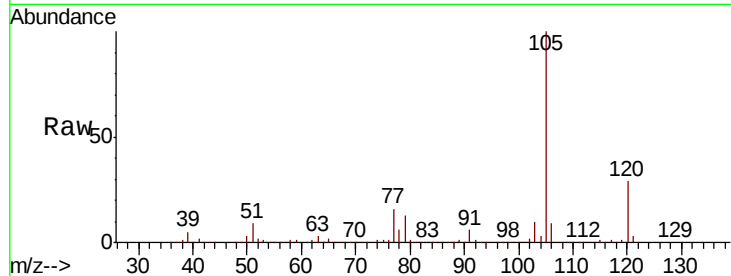
#73
Isopropylbenzene
Concen: 44.71 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. -0.00 min
Lab File: VX004228.D
Acq: 23 Aug 2018 15:53

Instrument :
MSVOA_X
ClientSampled :
FL-0552

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.8	13.5	40.4

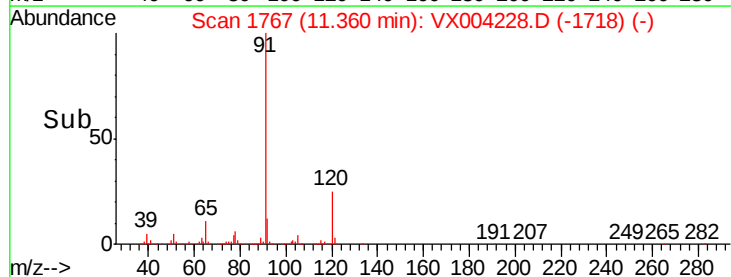
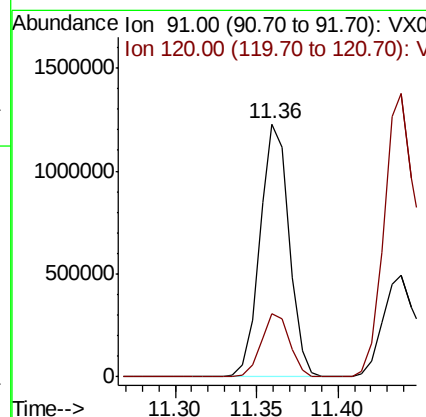
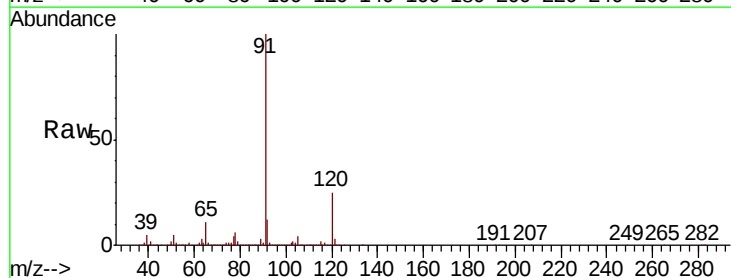
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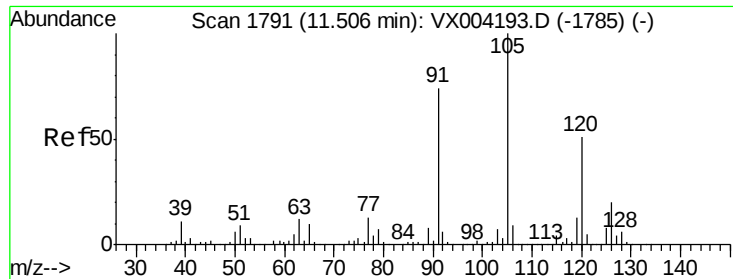
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#78
n-propylbenzene
Concen: 67.36 ug/l
RT: 11.36 min Scan# 1767
Delta R.T. -0.00 min
Lab File: VX004228.D
Acq: 23 Aug 2018 15:53

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.5	11.9	35.9





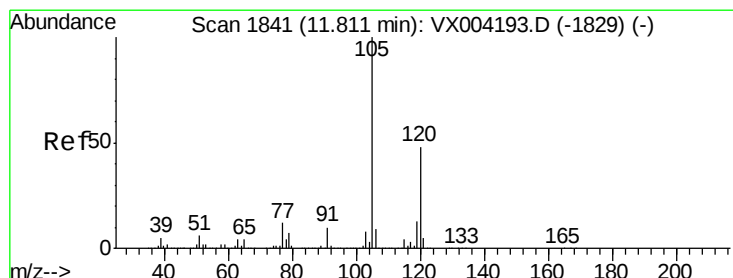
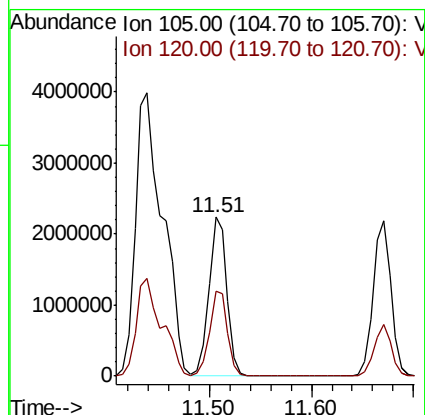
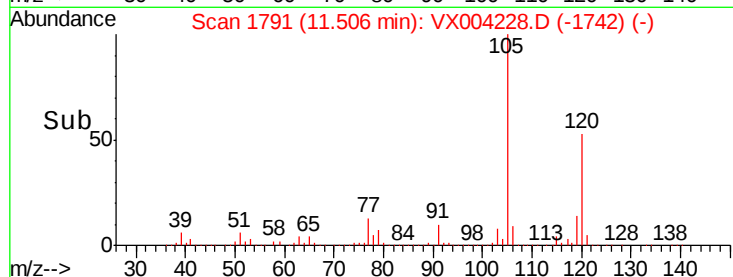
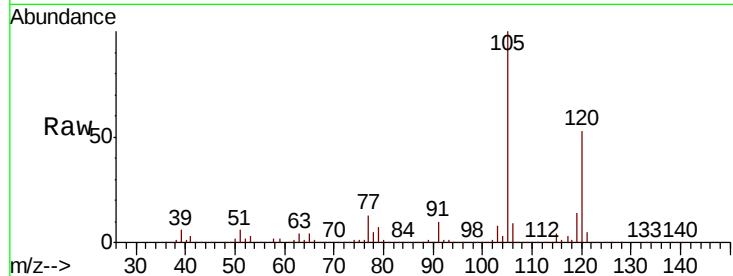
#80
 1,3,5-Trimethylbenzene
 Concen: 168.31 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004228.D
 Acq: 23 Aug 2018 15:53

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0552

Tot Ion:105 Resp: 2743712
 Ion Ratio Lower Upper
 105 100
 120 53.4 25.6 76.8

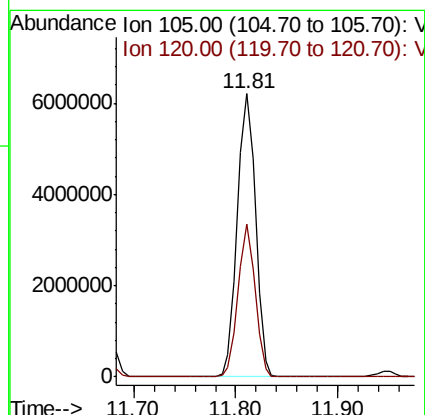
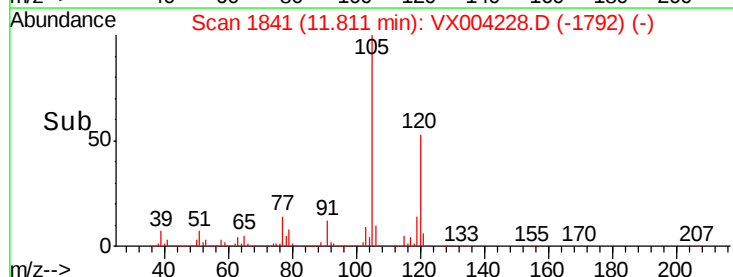
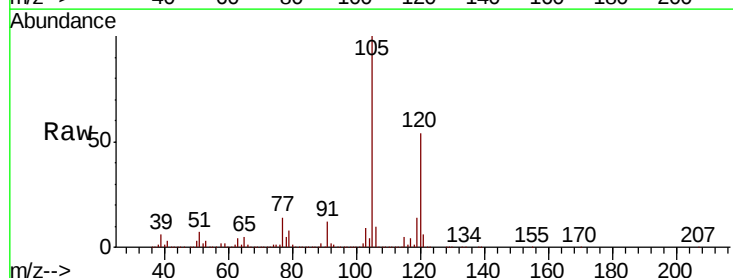
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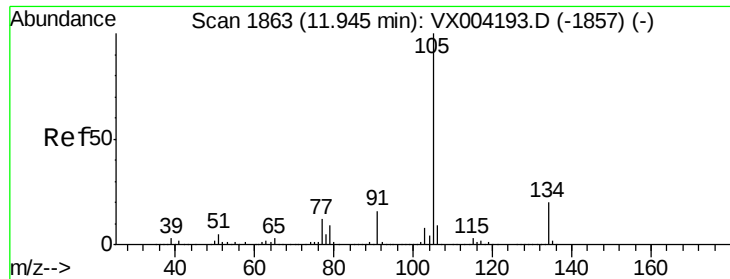
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#84
 1,2,4-Trimethylbenzene
 Concen: 455.23 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004228.D
 Acq: 23 Aug 2018 15:53

Tgt Ion:105 Resp: 7617577
 Ion Ratio Lower Upper
 105 100
 120 50.5 23.2 69.6





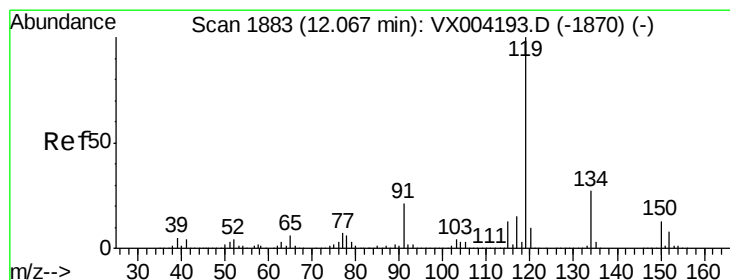
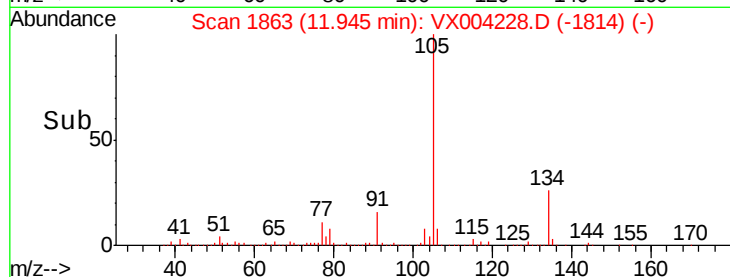
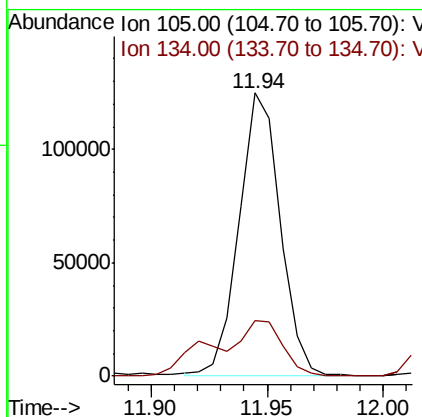
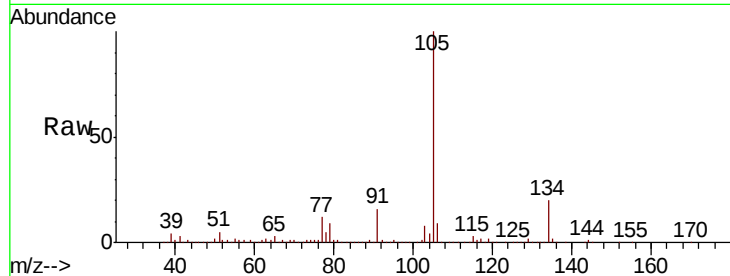
#85
 sec-Butylbenzene
 Concen: 7.98 ug/l m
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VX004228.D
 Acq: 23 Aug 2018 15:53

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0552

Tot Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.5	31.5#

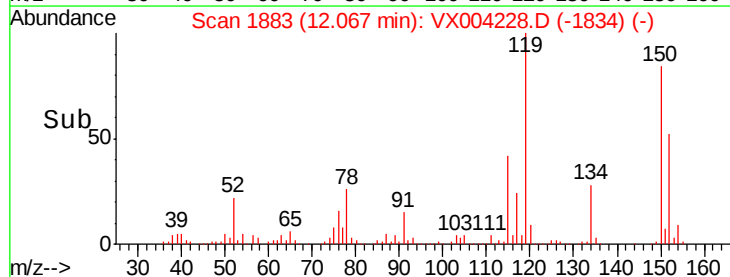
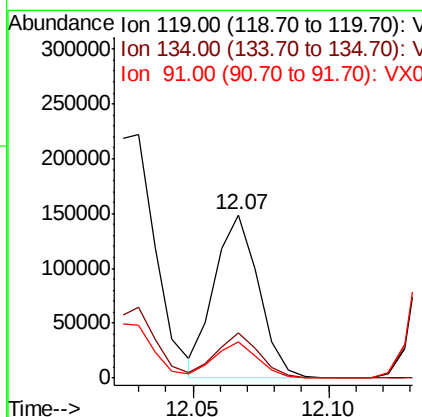
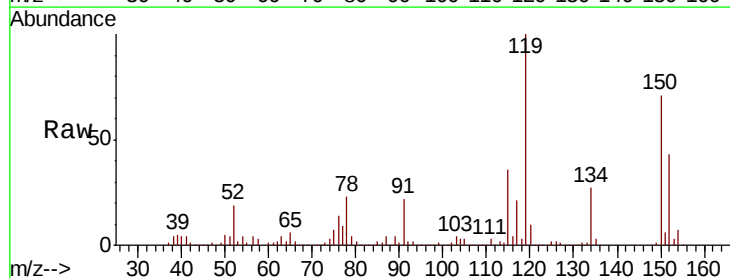
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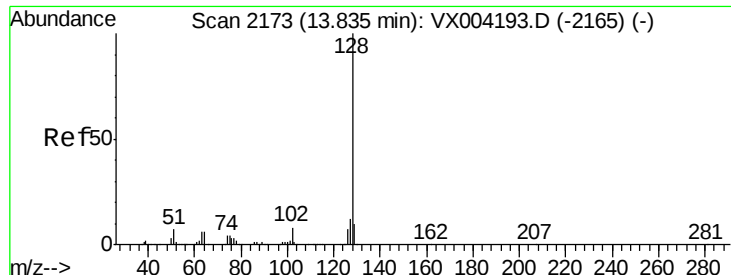
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#86
 p-Isopropyltoluene
 Concen: 9.57 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004228.D
 Acq: 23 Aug 2018 15:53

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.4	40.2
91	21.7	10.9	32.7





#95
Naphthalene
Concen: 251.70 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX004228.D
Acq: 23 Aug 2018 15:53

Instrument :
MSVOA_X
ClientSampleId :
FL-0552

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	11.5	8.6	12.8

Manual Integrations
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