

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042020\
 Data File : VX015768.D
 Acq On : 20 Apr 2020 16:12
 Operator : JC/SP
 Sample : L2281-02ME
 Misc : 4.67g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-38ME

Manual Integrations
 APPROVED

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 4/21/2020 12:16:11 PM

Quant Time: Apr 21 12:14:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	966289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1505057	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1464548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	853430	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	575628	42.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.48%	
35) Dibromofluoromethane	5.47	113	454760	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	
50) Toluene-d8	8.70	98	1805816	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.12	95	817248	56.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.54%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	7.44	83	48472	3.032	ug/l	97
52) Toluene	8.76	92	169318	6.761	ug/l	97
67) Ethyl Benzene	10.24	91	162761	3.142	ug/l	100
68) m/p-Xylenes	10.34	106	700747	36.328	ug/l	99
69) o-Xylene	10.68	106	333017	17.471	ug/l	97
78) n-propylbenzene	11.35	91	136213	2.130	ug/l #	52
80) 1,3,5-Trimethylbenzene	11.50	105	2148258	44.984	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	4218023	86.674	ug/l	99
85) sec-Butylbenzene	11.93	105	60732m	1.126	ug/l	
86) p-Isopropyltoluene	12.05	119	104067	2.078	ug/l	98
95) Naphthalene	13.82	128	694219	11.011	ug/l	99

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

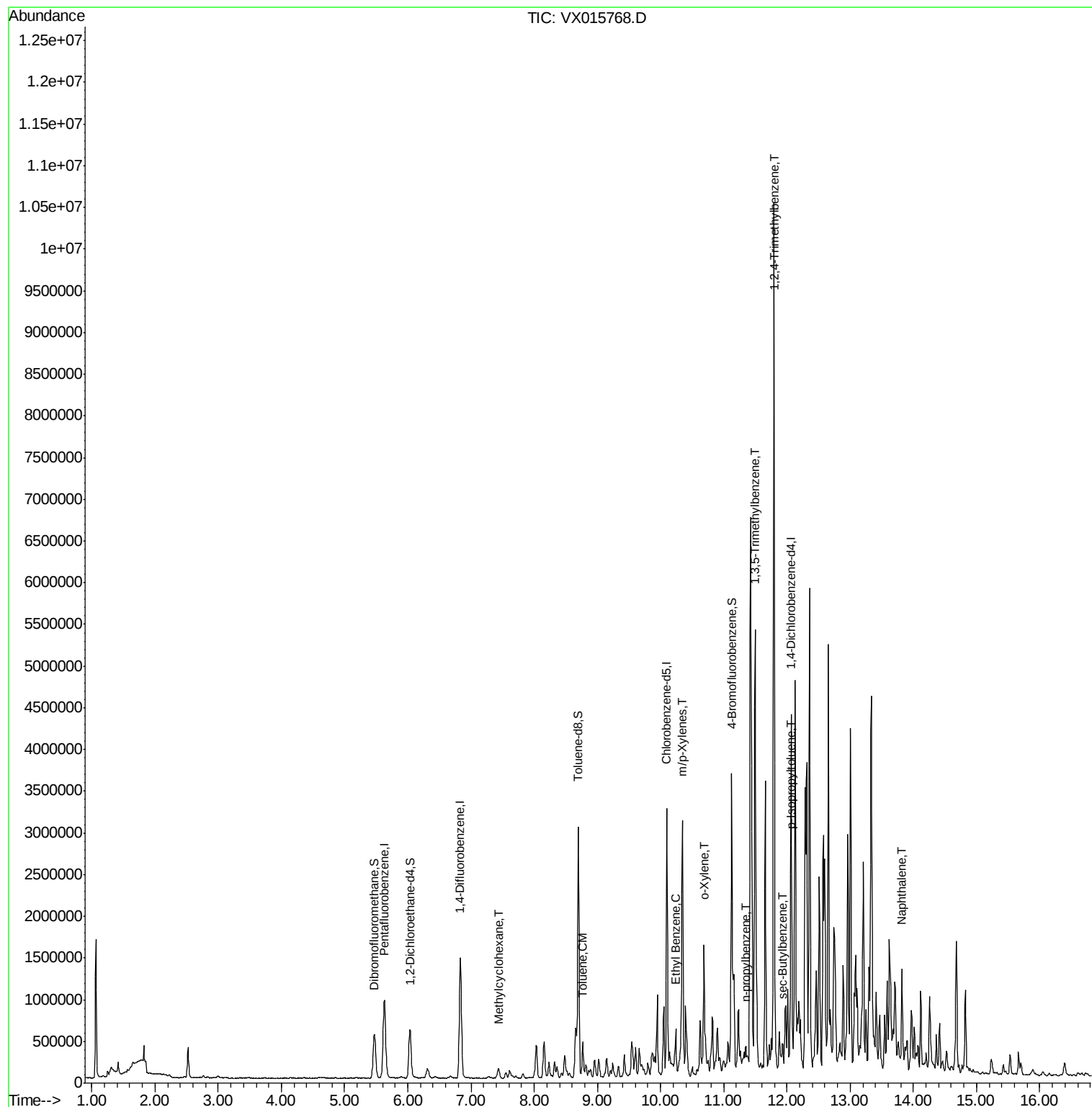
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042020\
Data File : VX015768.D
Acq On : 20 Apr 2020 16:12
Operator : JC/SP
Sample : L2281-02ME
Misc : 4.67µ/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 13 Sample Multiplier: 1

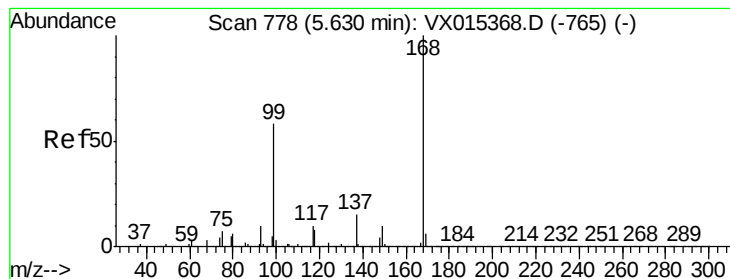
Instrument :
MSVOA_X
ClientSampleId :
TP-38ME

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Quant Time: Apr 21 12:14:18 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

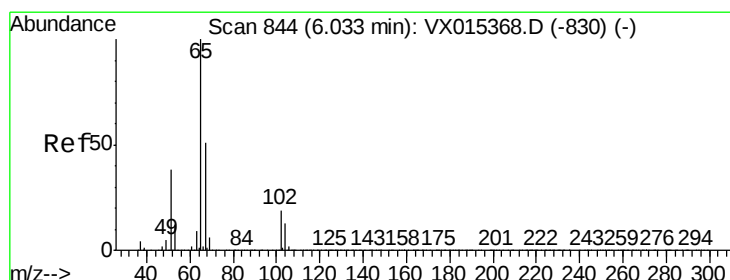
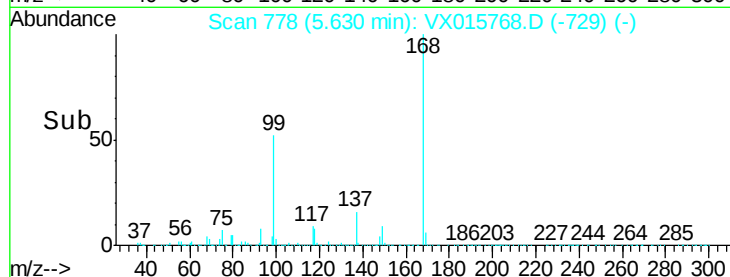
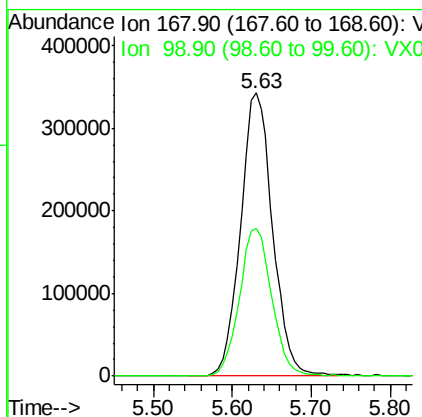
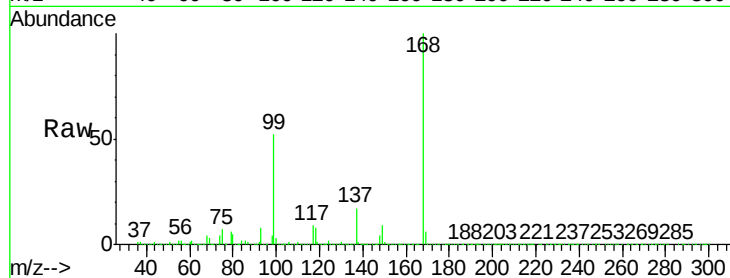
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: VX015768.D
 Acq: 20 Apr 2020 16:12

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-38ME

Tot Ion	Ratio	Resp	Lower	Upper
168	100	966289		
99	52.3	46.4	69.6	

Manual Integrations
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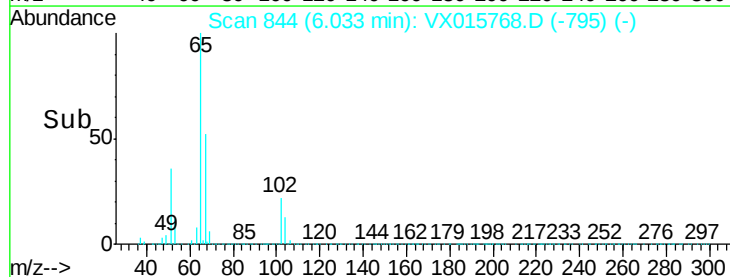
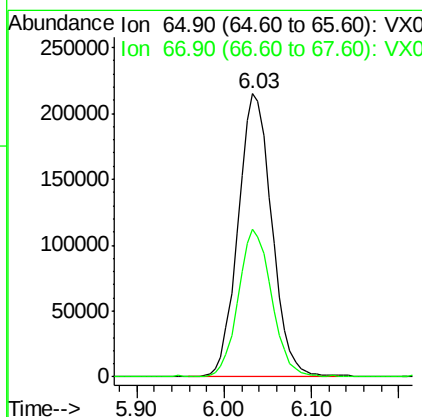
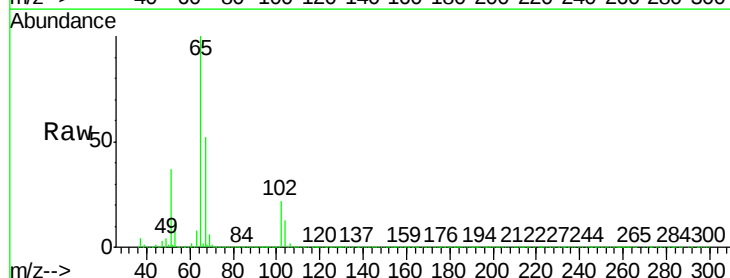
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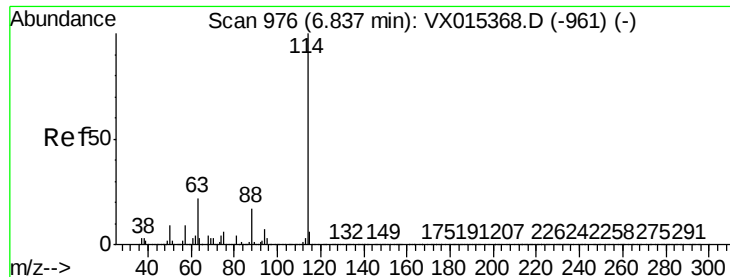


#33

1,2-Dichloroethane-d4
 Concen: 42.237 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015768.D
 Acq: 20 Apr 2020 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	575628		
67	51.2	0.0	102.6	





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015768.D

Acq: 20 Apr 2020 16:12

Instrument :

MSVOA_X

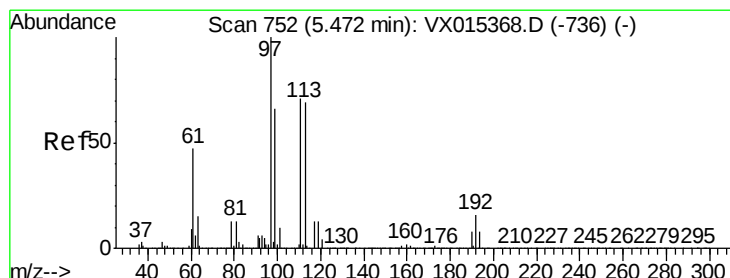
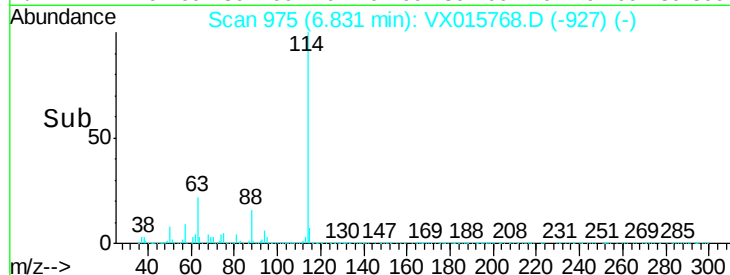
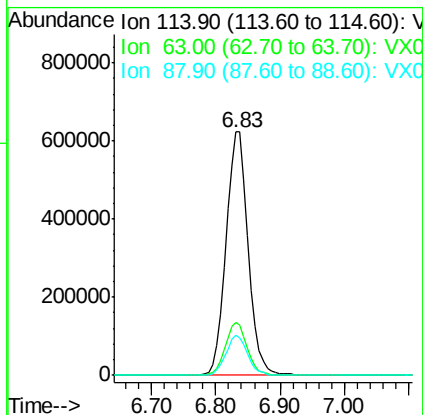
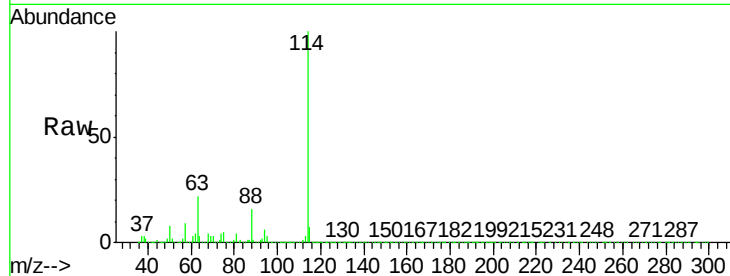
ClientSampleId :

TP-38ME

Tot Ion:	114	Resp:	1505057
Ion Ratio		Lower	Upper
114	100		
63	21.7	0.0	44.2
88	16.3	0.0	33.8

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#35

Dibromofluoromethane

Concen: 47.269 ug/l

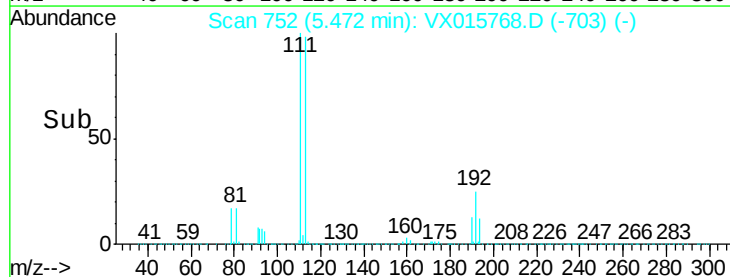
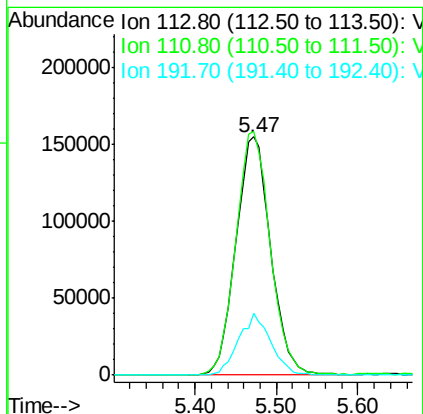
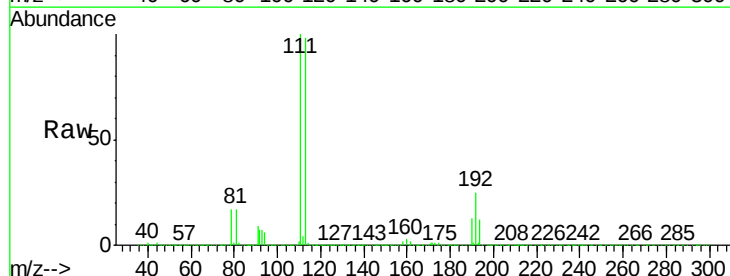
RT: 5.47 min Scan# 752

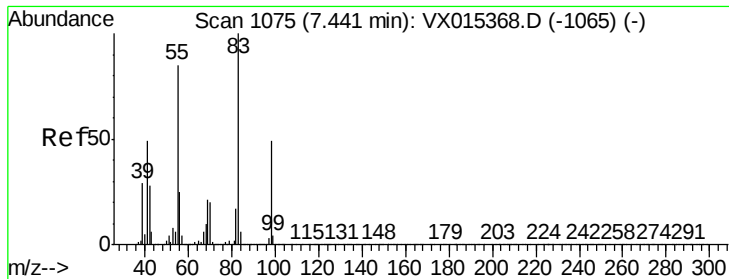
Delta R.T. 0.00 min

Lab File: VX015768.D

Acq: 20 Apr 2020 16:12

Tgt Ion:	113	Resp:	454760
Ion Ratio		Lower	Upper
113	100		
111	102.0	81.5	122.3
192	23.9	17.8	26.6





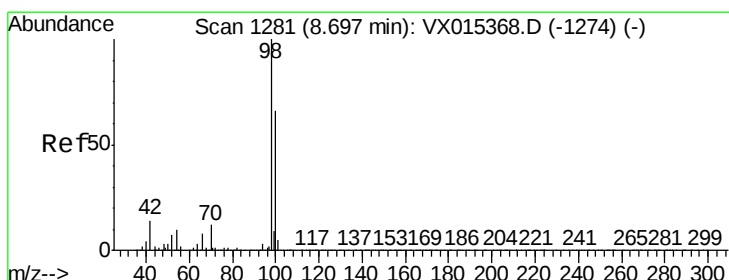
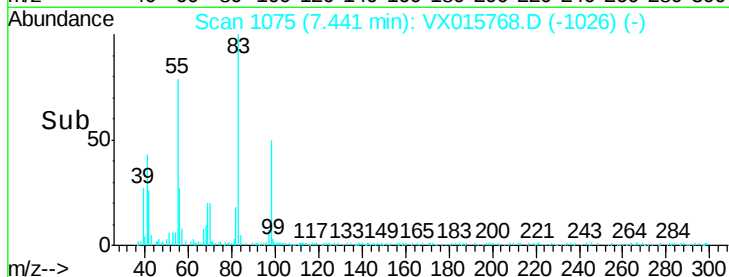
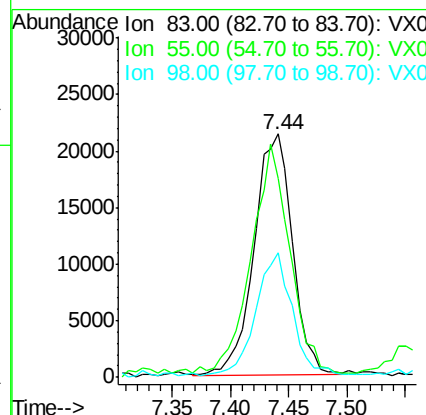
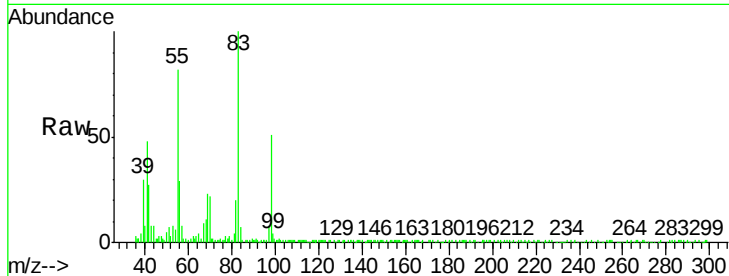
#39
Methvlcvclohexane
Concen: 3.032 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015768.D
Acq: 20 Apr 2020 16:12

Instrument :
MSVOA_X
ClientSampleId :
TP-38ME

Tot Ion	Ion	Ratio	Lower	Upper
83	100			
55	81.1	67.8	101.6	
98	50.6	39.3	58.9	

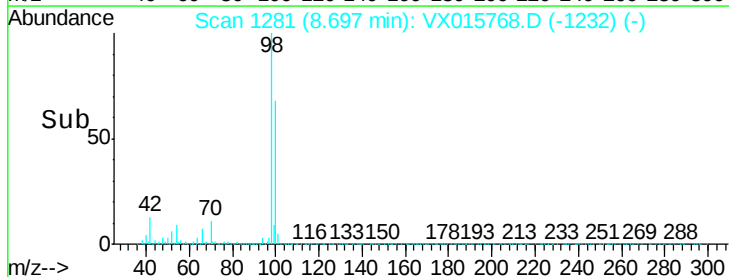
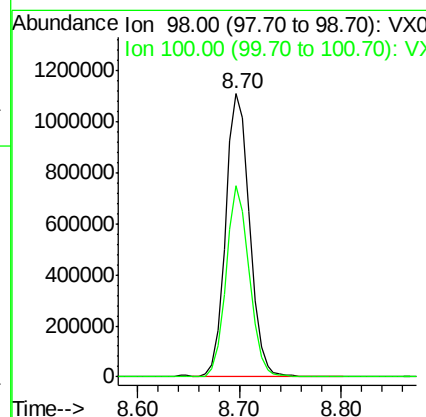
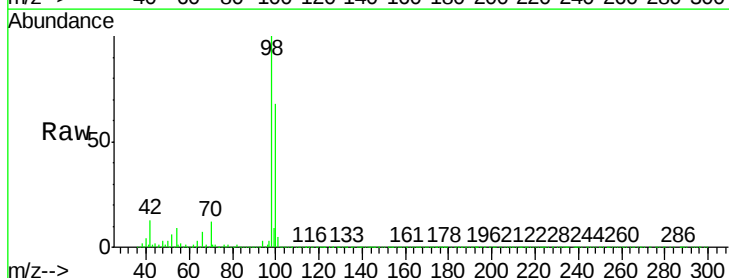
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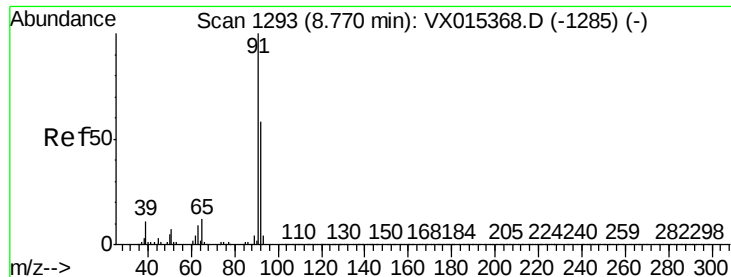
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#50
Toluene-d8
Concen: 50.982 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015768.D
Acq: 20 Apr 2020 16:12

Tgt Ion	Ion	Ratio	Lower	Upper
98	100			
100	65.6	53.5	80.3	





#52

Toluene

Concen: 6.761 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015768.D

Acq: 20 Apr 2020 16:12

Instrument :

MSVOA_X

ClientSampleId :

TP-38ME

Tot Ion: 92 Resp: 169318

Ion Ratio Lower Upper

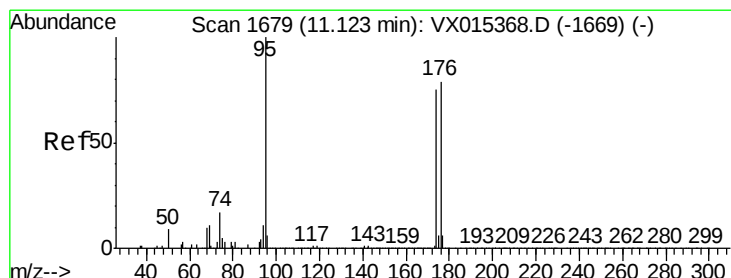
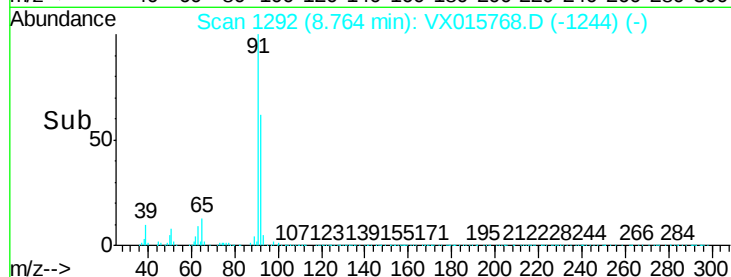
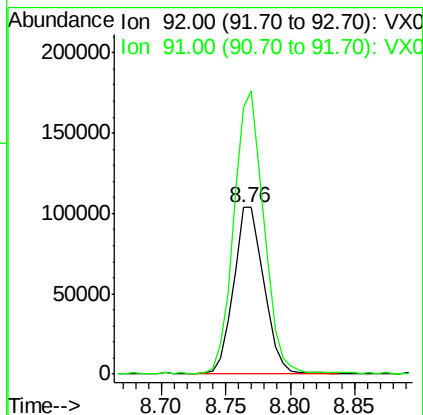
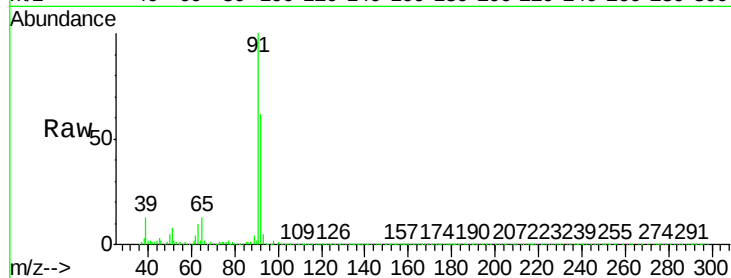
92 100

91 167.0 136.6 205.0

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#62

4-Bromofluorobenzene

Concen: 56.772 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015768.D

Acq: 20 Apr 2020 16:12

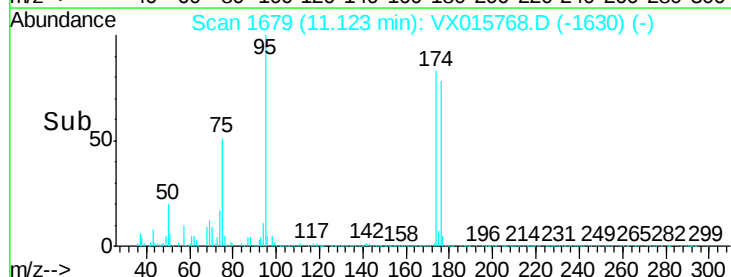
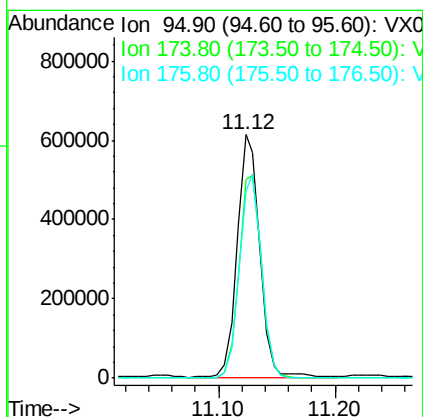
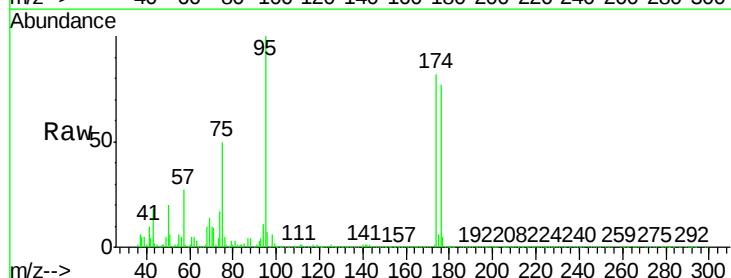
Tgt Ion: 95 Resp: 817248

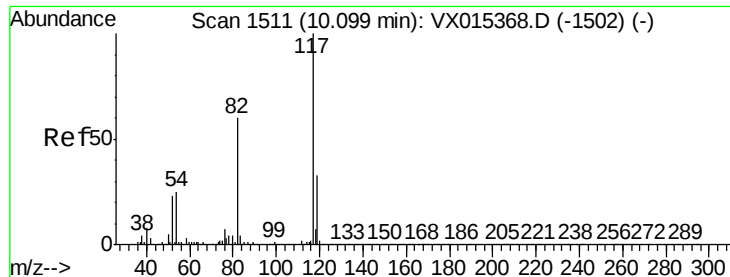
Ion Ratio Lower Upper

95 100

174 84.5 0.0 158.6

176 83.1 0.0 159.0





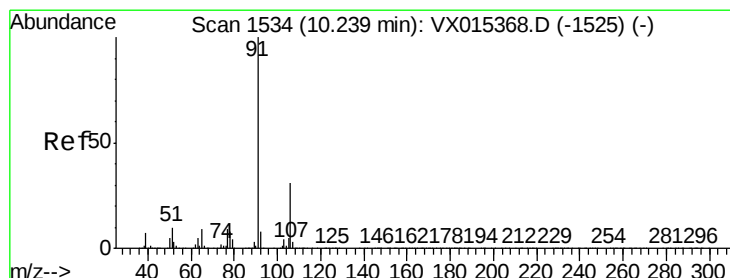
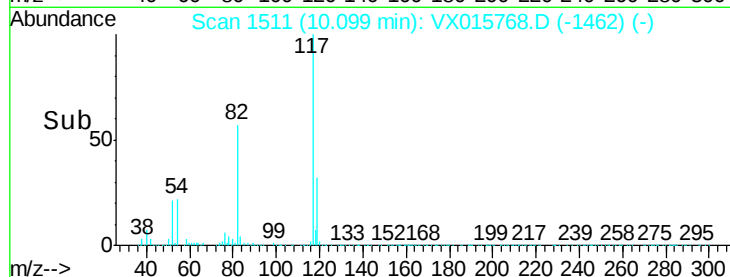
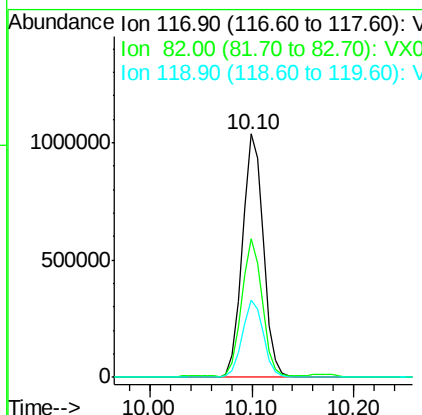
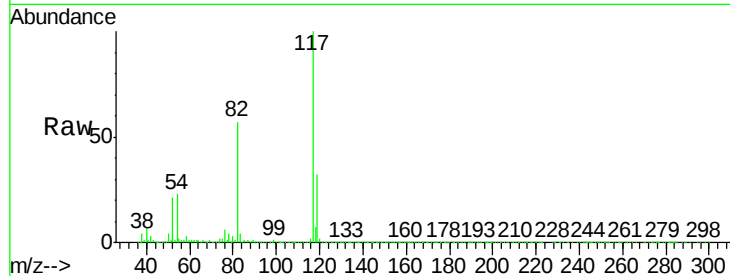
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015768.D
Acq: 20 Apr 2020 16:12

Instrument :
MSVOA_X
ClientSampled :
TP-38ME

Tot Ion:117 Resp: 1464548
Ion Ratio Lower Upper
117 100
82 56.4 47.8 71.8
119 31.7 26.8 40.2

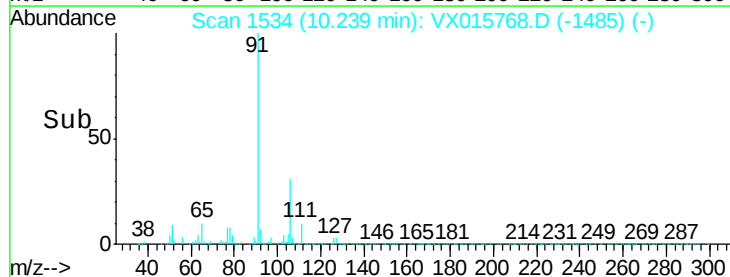
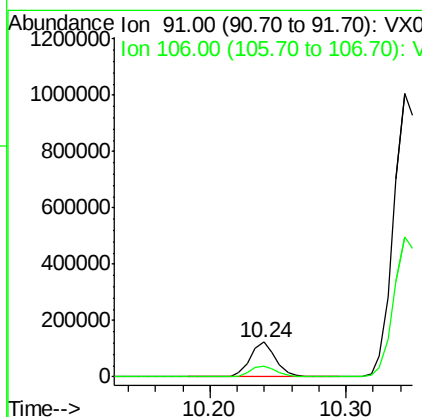
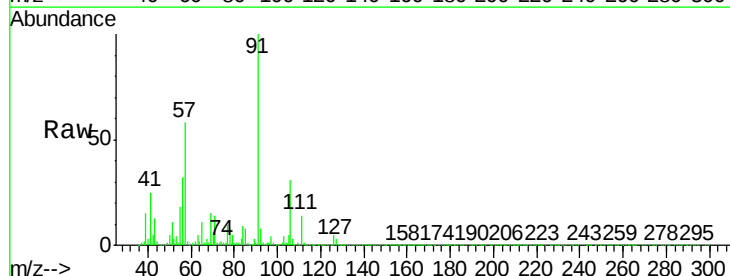
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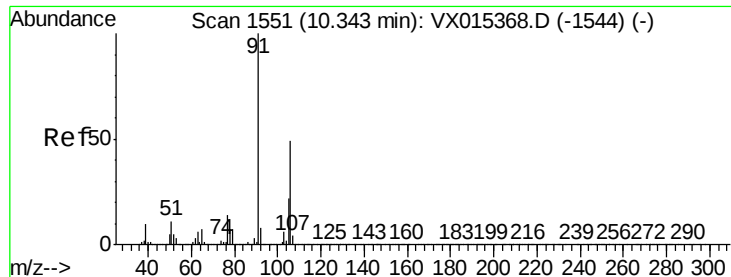
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#67
Ethyl Benzene
Concen: 3.142 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015768.D
Acq: 20 Apr 2020 16:12

Tgt Ion: 91 Resp: 162761
Ion Ratio Lower Upper
91 100
106 31.1 24.8 37.2





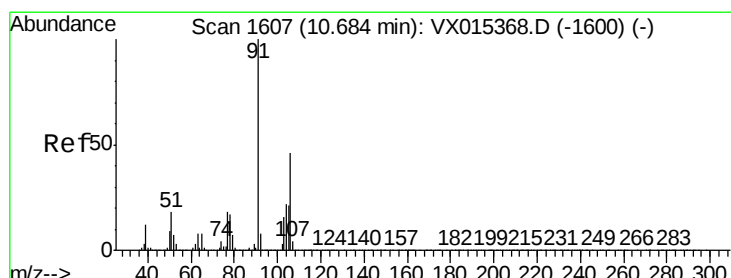
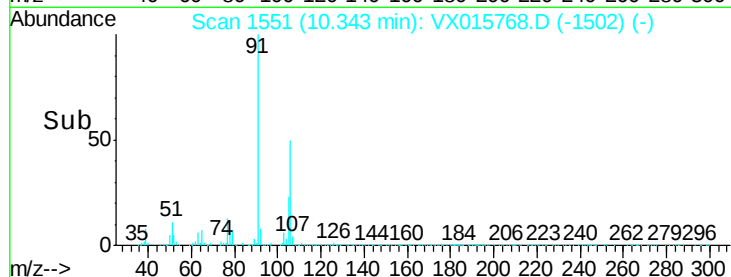
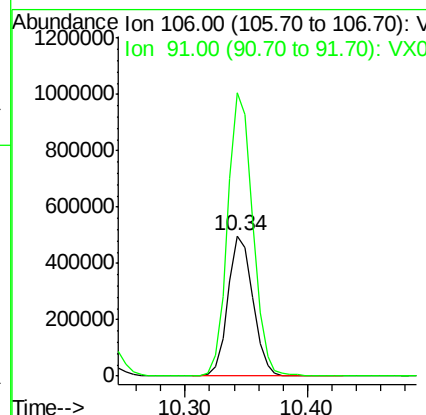
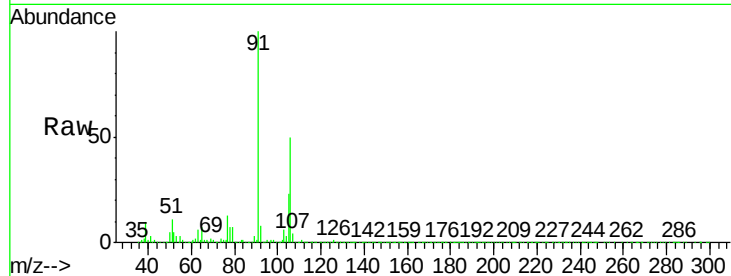
#68
m/p-Xylenes
Concen: 36.328 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015768.D
Acq: 20 Apr 2020 16:12

Instrument :
MSVOA_X
ClientSampled :
TP-38ME

Tot Ion:106 Resp: 700747
Ion Ratio Lower Upper
106 100
91 203.3 163.4 245.0

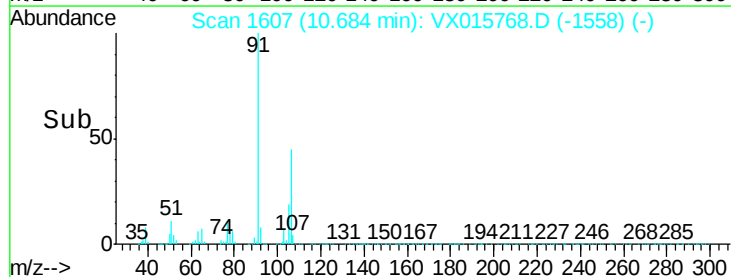
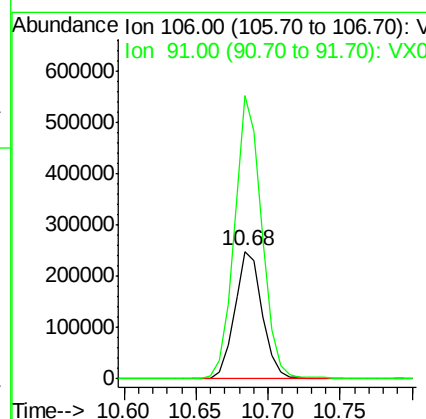
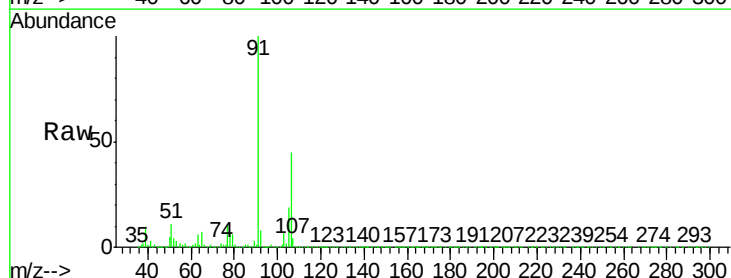
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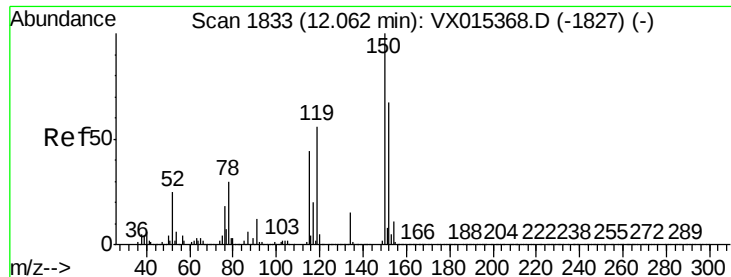
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#69
o-Xylene
Concen: 17.471 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015768.D
Acq: 20 Apr 2020 16:12

Tgt Ion:106 Resp: 333017
Ion Ratio Lower Upper
106 100
91 219.4 107.1 321.3





#72

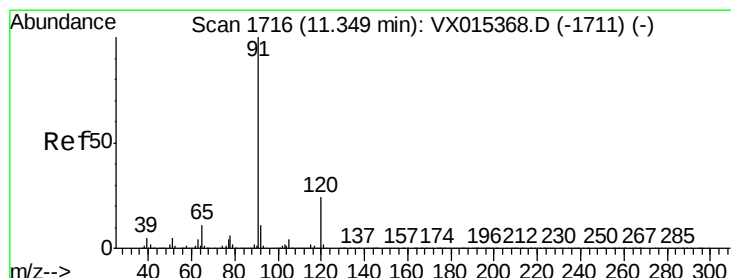
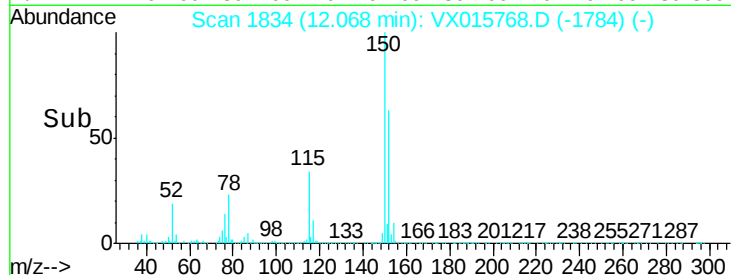
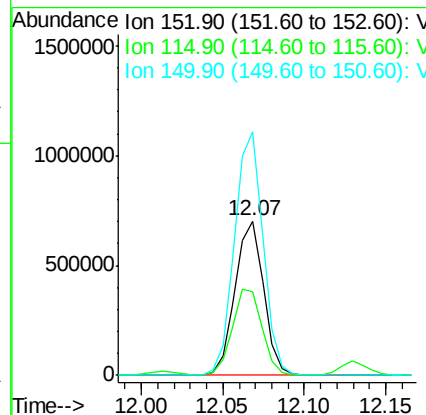
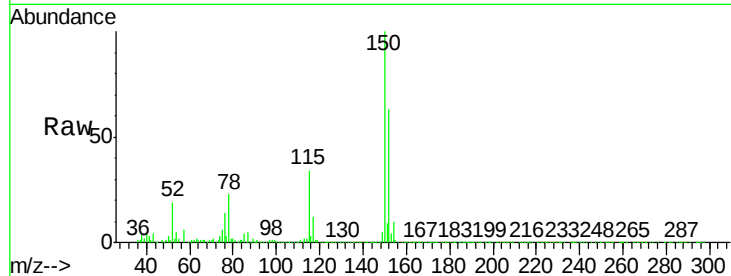
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1834
Delta R.T. 0.01 min
Lab File: VX015768.D
Acq: 20 Apr 2020 16:12

Instrument :
MSVOA_X
ClientSampled :
TP-38ME

Tot Ion	Ratio	Resp	Lower	Upper
152	100	853430		
115	58.1	39.0	116.9	
150	157.4	0.0	340.8	

Manual Integrations
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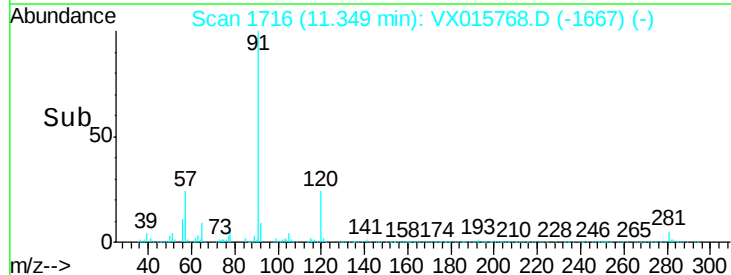
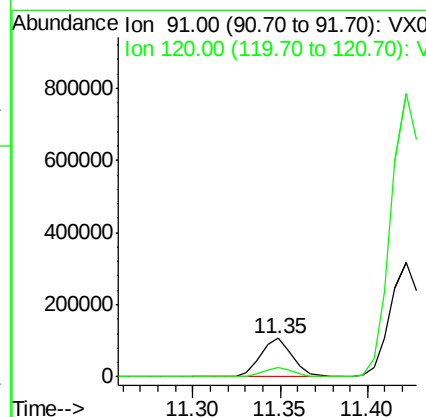
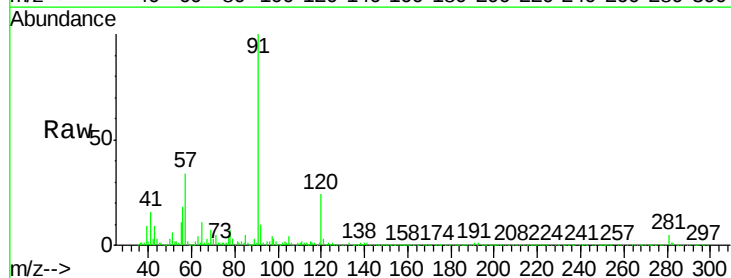
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4/21/2020 12:16:11 PM

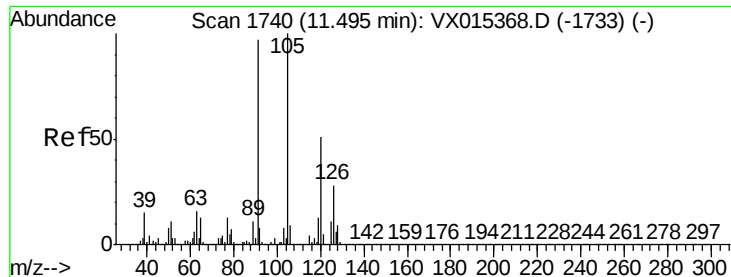


#78

n-propylbenzene
Concen: 2.130 ug/l
RT: 11.35 min Scan# 1716
Delta R.T. 0.00 min
Lab File: VX015768.D
Acq: 20 Apr 2020 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	136213		
120	0.0	11.7	35.0	#





#80

1,3,5-Trimethylbenzene

Concen: 44.984 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015768.D

Acq: 20 Apr 2020 16:12

Instrument :

MSVOA_X

ClientSampled :

TP-38ME

Tot Ion:105 Resp: 2148258

Ion Ratio Lower Upper

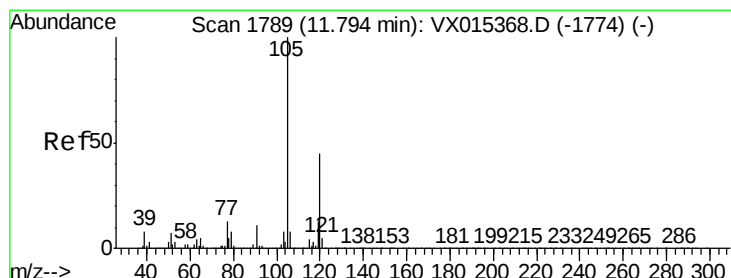
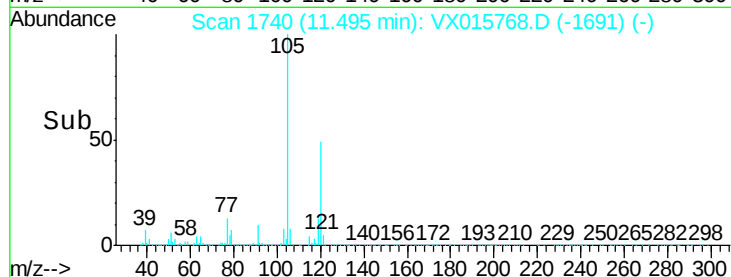
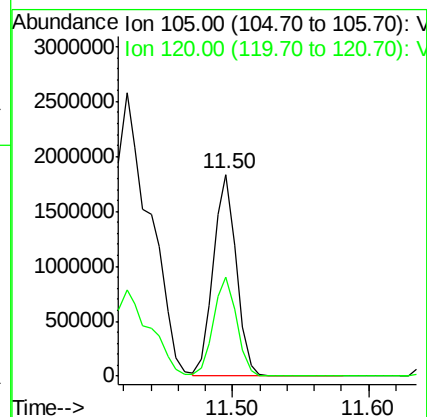
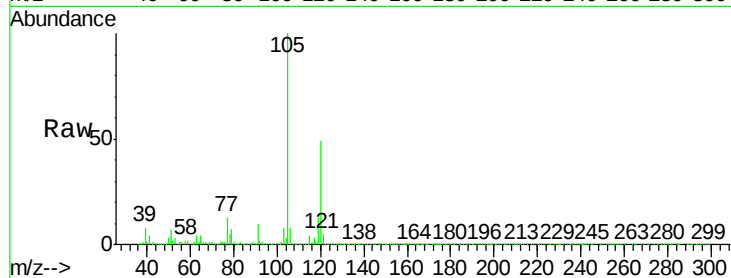
105 100

120 49.8 24.8 74.4

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#84

1,2,4-Trimethylbenzene

Concen: 86.674 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX015768.D

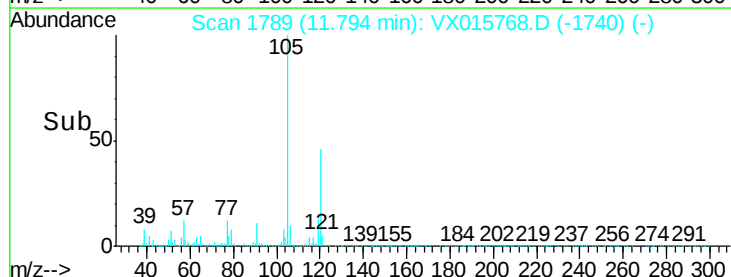
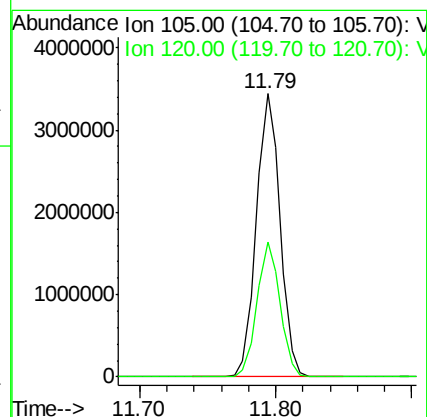
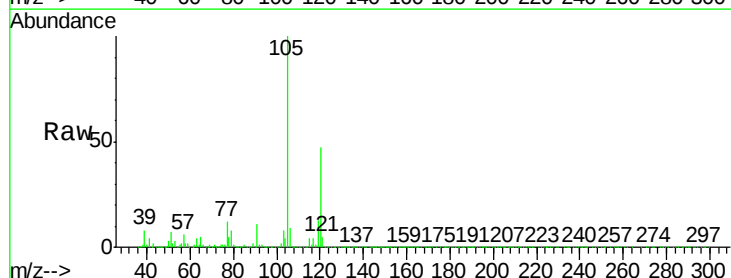
Acq: 20 Apr 2020 16:12

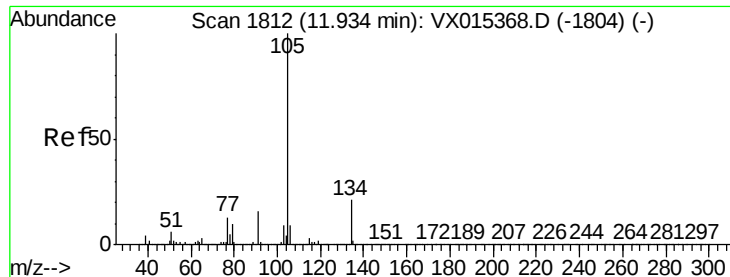
Tgt Ion:105 Resp: 4218023

Ion Ratio Lower Upper

105 100

120 46.3 22.7 68.1





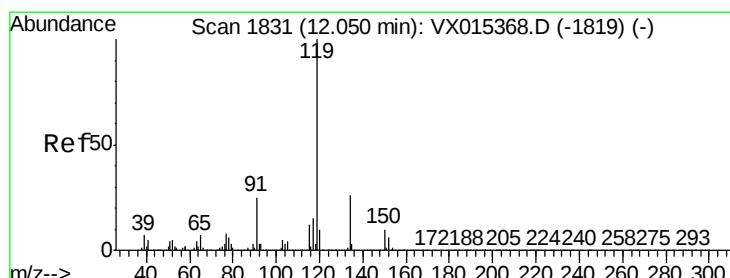
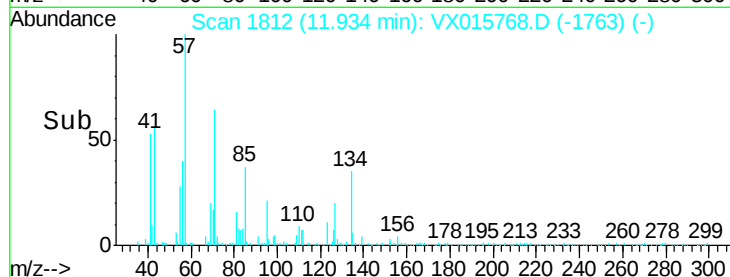
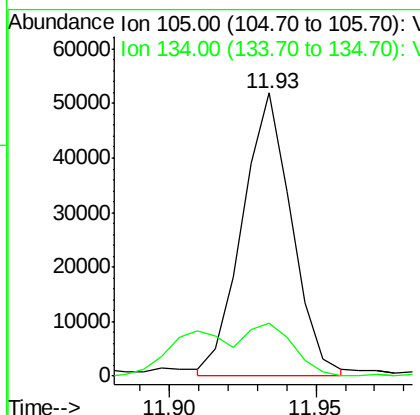
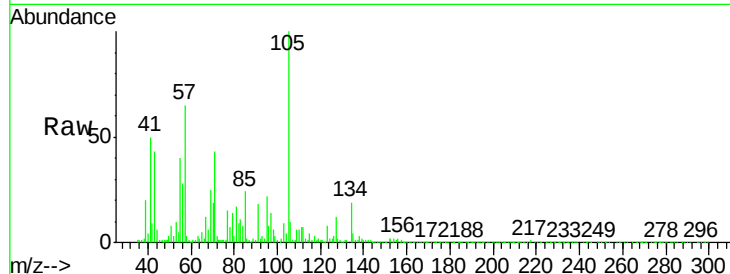
#85
 sec-Butylbenzene
 Concen: 1.126 ug/l m
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015768.D
 Acq: 20 Apr 2020 16:12

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-38ME

Tot Ion:105 Resp: 60732
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#

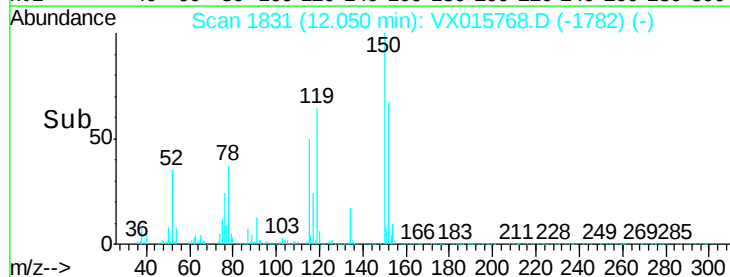
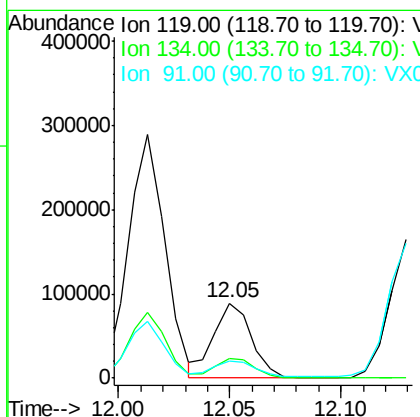
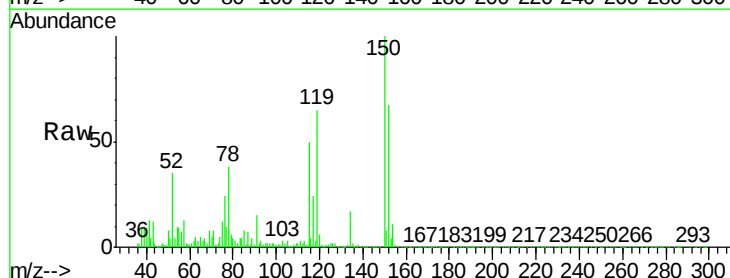
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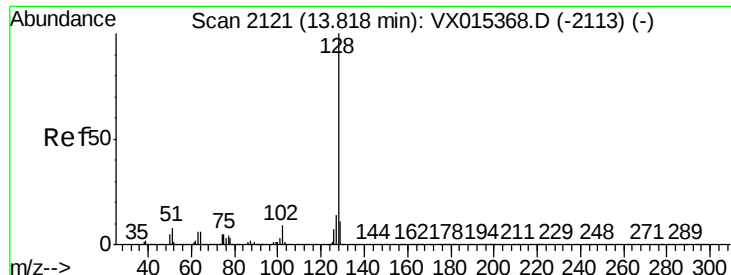
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#86
 p-Isopropyltoluene
 Concen: 2.078 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: VX015768.D
 Acq: 20 Apr 2020 16:12

Tgt Ion:119 Resp: 104067
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.3
 91 23.7 12.4 37.4





#95
Naphthalene
Concen: 11.011 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015768.D
Acq: 20 Apr 2020 16:12

Instrument :
MSVOA_X
ClientSampleId :
TP-38ME

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	13.4	10.6	15.8
129	11.8	8.8	13.2

Manual Integrations
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