

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041720\
 Data File : VX015753.D
 Acq On : 17 Apr 2020 20:56
 Operator : JC/SP
 Sample : L2281-02ME
 Misc : 4.67g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-38ME

Manual Integrations
 APPROVED

MMDadoda
 4/20/2020 10:03:12 AM

Quant Time: Apr 20 09:38:10 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	937827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1438347	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1373374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	782793	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	545050	41.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.42%	
35) Dibromofluoromethane	5.47	113	435973	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
50) Toluene-d8	8.70	98	1711509	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.12	95	754584	54.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.70%	
Target Compounds						
					Qvalue	
16) Acetone	2.46	43	14333	2.522	ug/l	95
17) Carbon Disulfide	2.52	76	3108859	115.101	ug/l	100
39) Methylcyclohexane	7.43	83	87335	5.715	ug/l	92
52) Toluene	8.77	92	113142	4.727	ug/l	100
67) Ethyl Benzene	10.24	91	125301	2.579	ug/l	99
68) m/p-Xylenes	10.34	106	695688	38.460	ug/l	98
69) o-Xylene	10.68	106	382774	21.415	ug/l	98
78) n-propylbenzene	11.35	91	133862	2.282	ug/l #	52
80) 1,3,5-Trimethylbenzene	11.49	105	2637521	60.213	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	4948999	110.871	ug/l	97
85) sec-Butylbenzene	11.93	105	73511m	1.486	ug/l	
86) p-Isopropyltoluene	12.05	119	126387	2.751	ug/l	98
95) Naphthalene	13.82	128	818746	14.157	ug/l	99

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

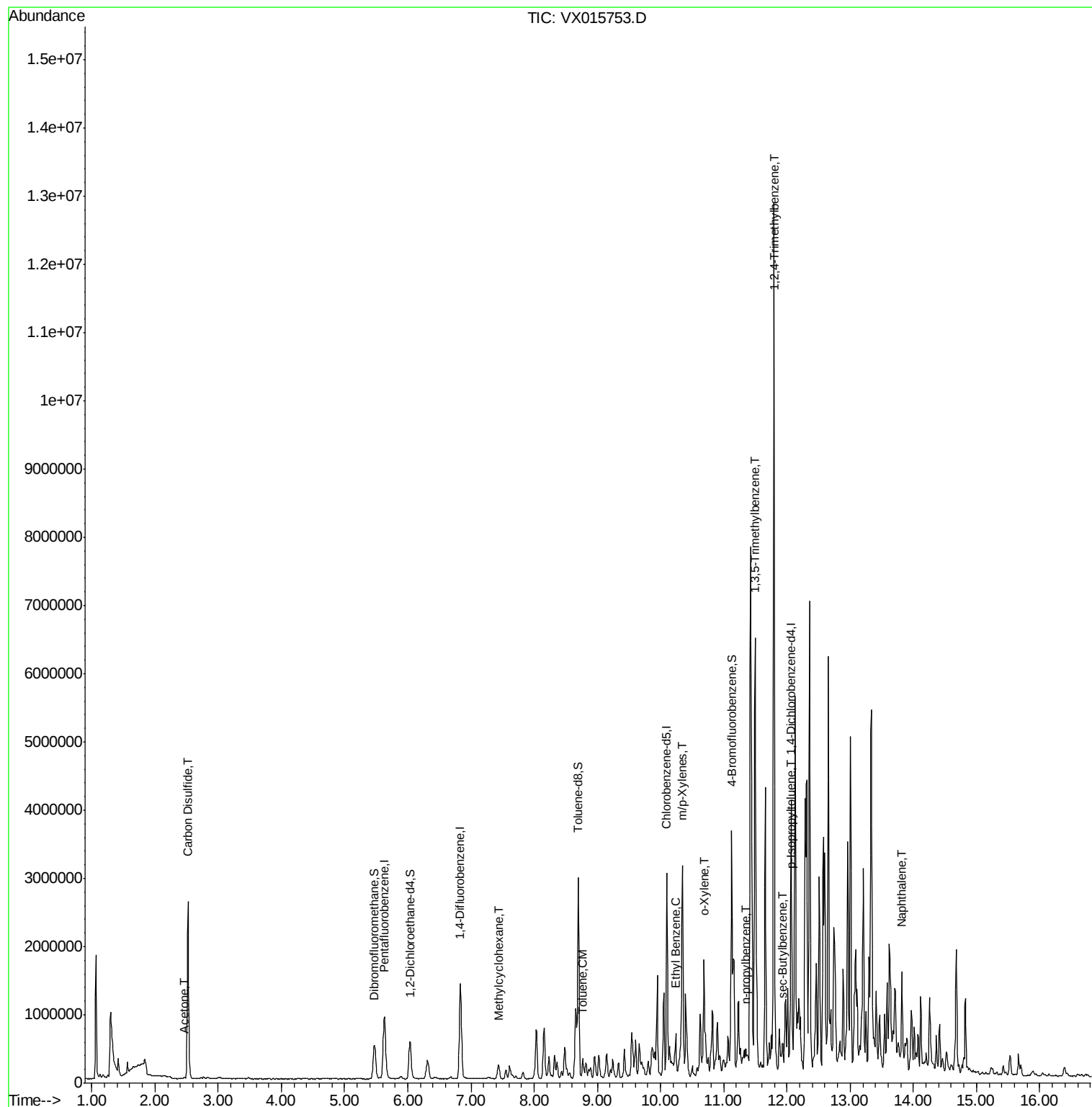
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041720\
Data File : VX015753.D
Acq On : 17 Apr 2020 20:56
Operator : JC/SP
Sample : L2281-02ME
Misc : 4.67µL/100µL/5.0mL/MSVOA_X/MEOH
ALS Vial : 25 Sample Multiplier: 1

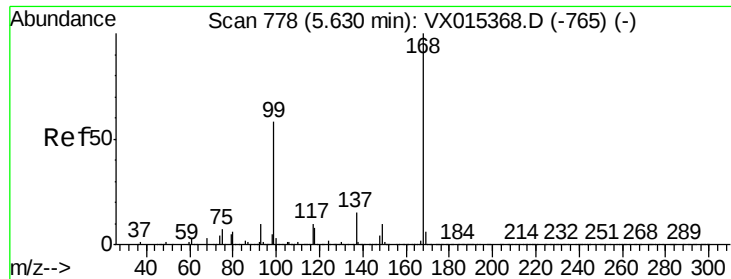
Instrument :
MSVOA_X
ClientSampleId :
TP-38ME

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4/20/2020 10:03:12 AM

Quant Time: Apr 20 09:38:10 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: VX015753.D

Acq: 17 Apr 2020 20:56

Instrument :

MSVOA_X

ClientSampleId :

TP-38ME

Tot Ion:168 Resp: 937827

Ion Ratio Lower Upper

168 100

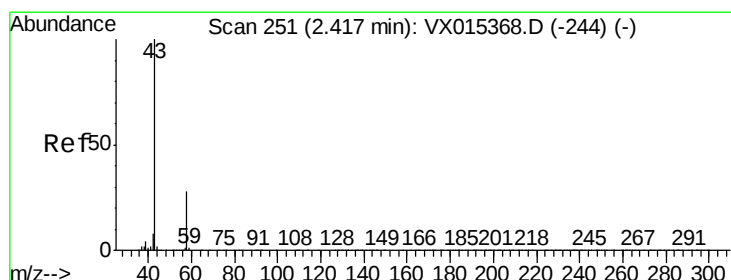
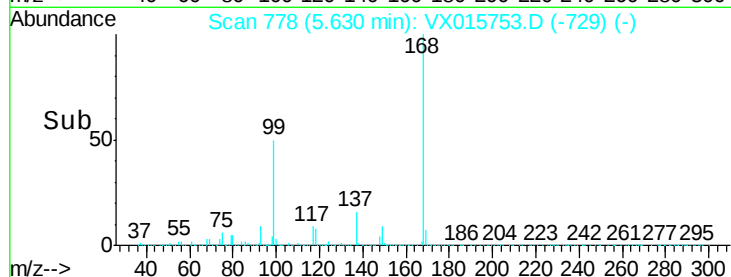
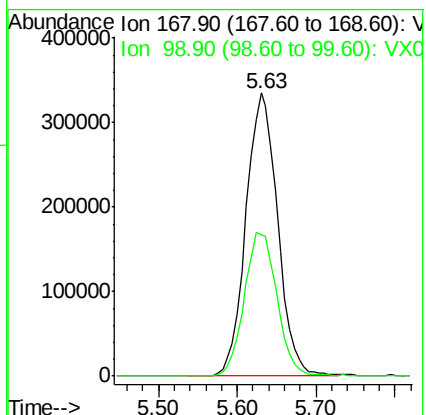
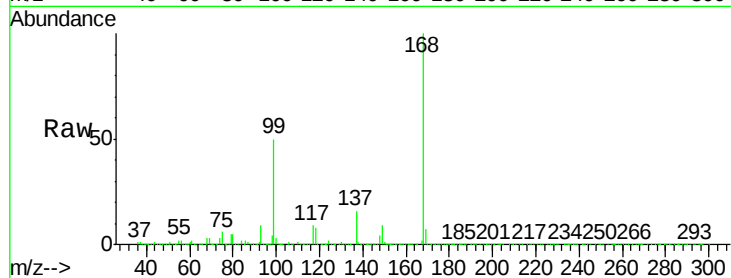
99 49.8 46.4 69.6

Manual Integrations

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#16

Acetone

Concen: 2.522 ug/l

RT: 2.46 min Scan# 258

Delta R.T. 0.04 min

Lab File: VX015753.D

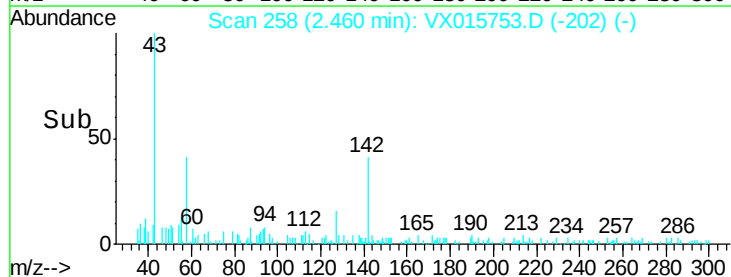
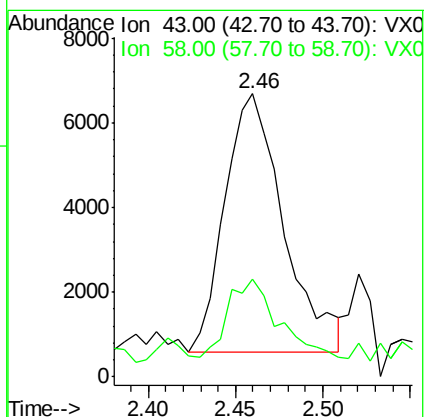
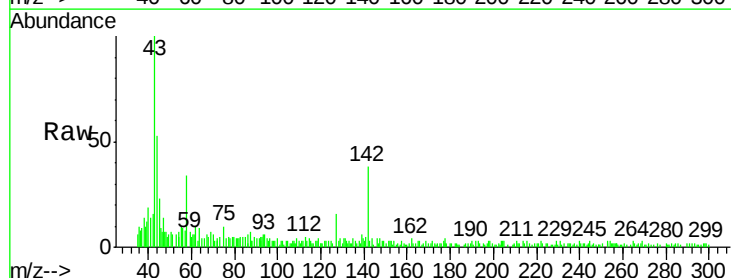
Acq: 17 Apr 2020 20:56

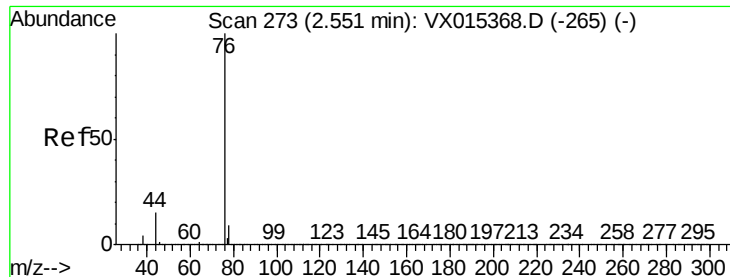
Tgt Ion: 43 Resp: 14333

Ion Ratio Lower Upper

43 100

58 30.2 22.1 33.1





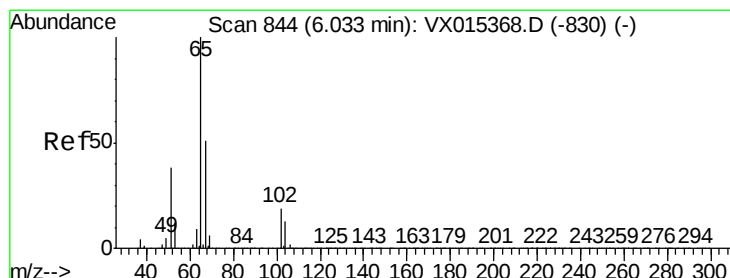
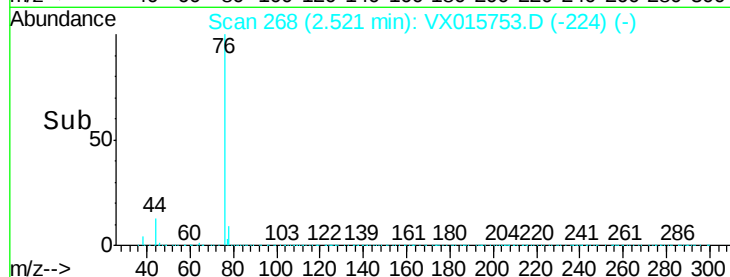
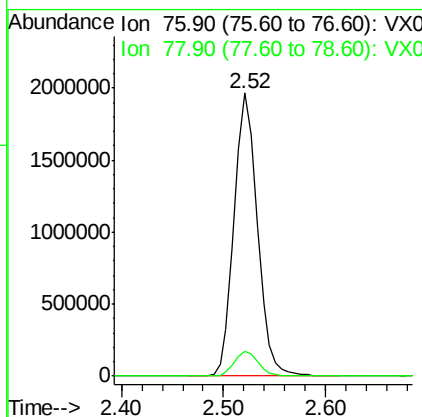
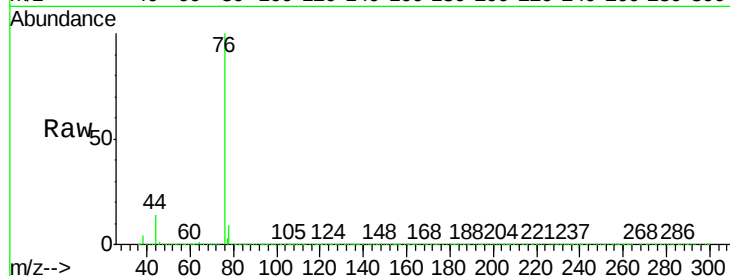
#17
Carbon Disulfide
Concen: 115.101 ug/l
RT: 2.52 min Scan# 268
Delta R.T. -0.03 min
Lab File: VX015753.D
Acq: 17 Apr 2020 20:56

Instrument :
MSVOA_X
ClientSampled :
TP-38ME

Tot Ion: 76 Resp: 3108859
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7

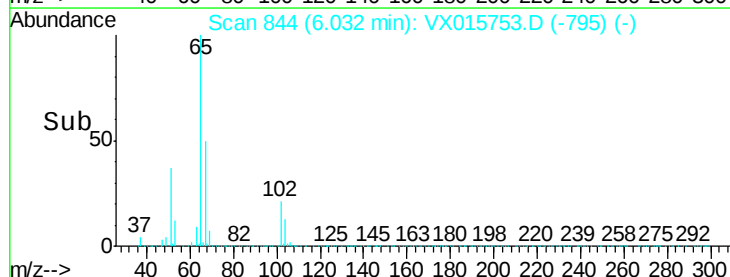
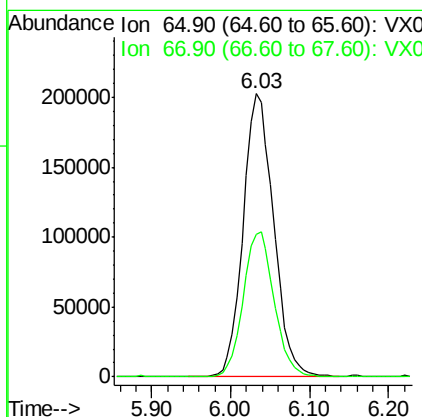
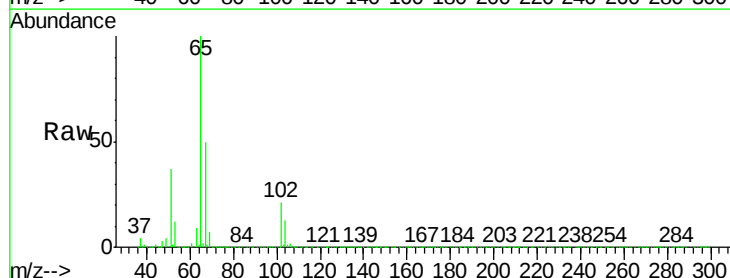
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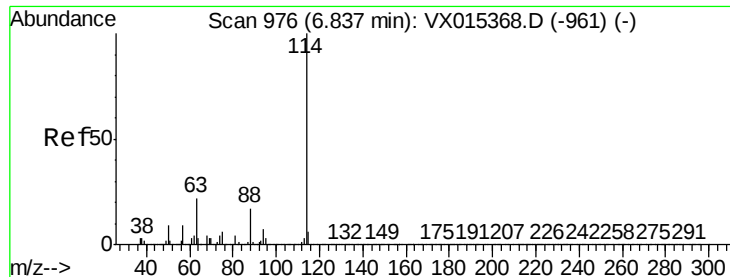
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#33
1,2-Dichloroethane-d4
Concen: 41.207 ug/l
RT: 6.03 min Scan# 844
Delta R.T. -0.00 min
Lab File: VX015753.D
Acq: 17 Apr 2020 20:56

Tgt Ion: 65 Resp: 545050
Ion Ratio Lower Upper
65 100
67 51.6 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: VX015753.D

Acq: 17 Apr 2020 20:56

Instrument :

MSVOA_X

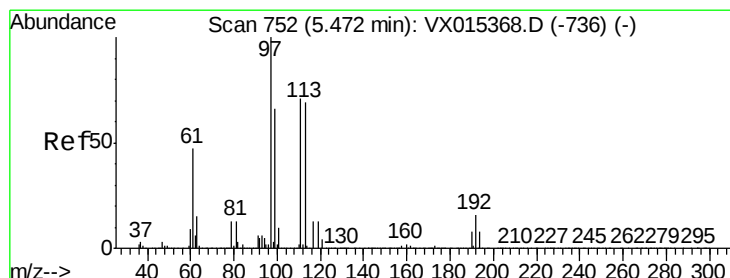
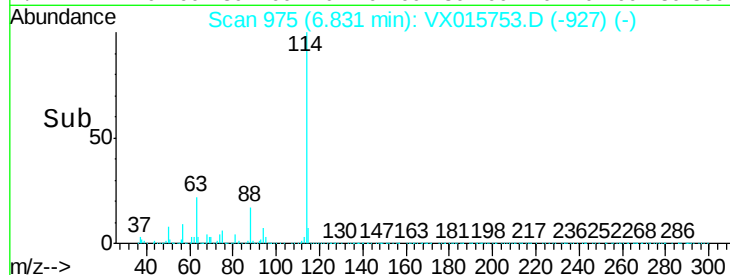
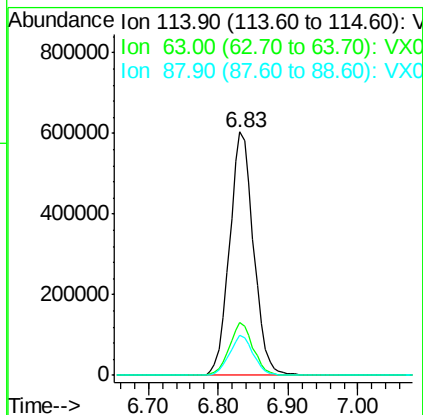
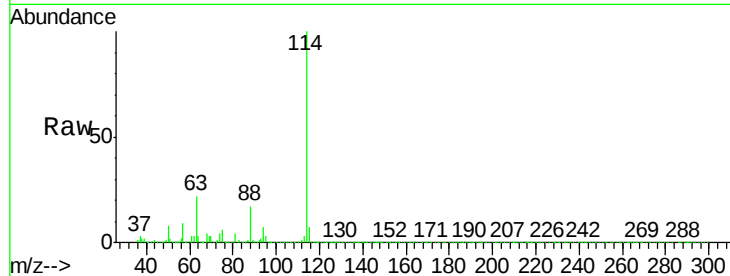
ClientSampleId :

TP-38ME

Tot Ion:	114	Resp:	1438347
Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	44.2
88	16.5	0.0	33.8

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#35

Dibromofluoromethane

Concen: 47.418 ug/l

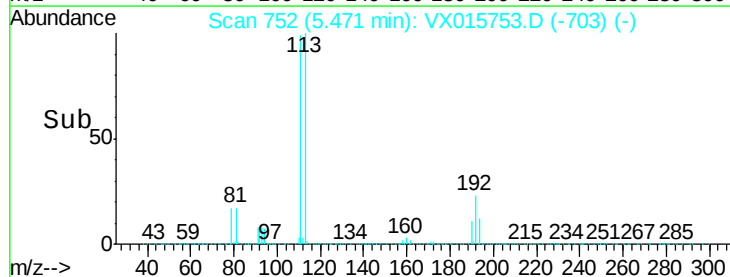
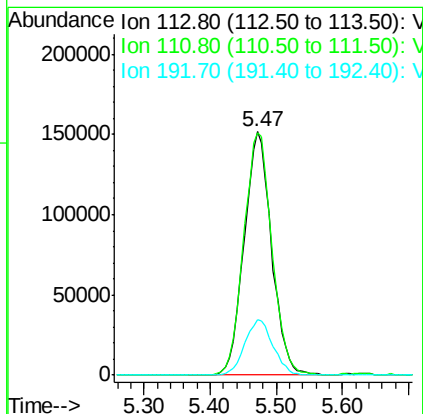
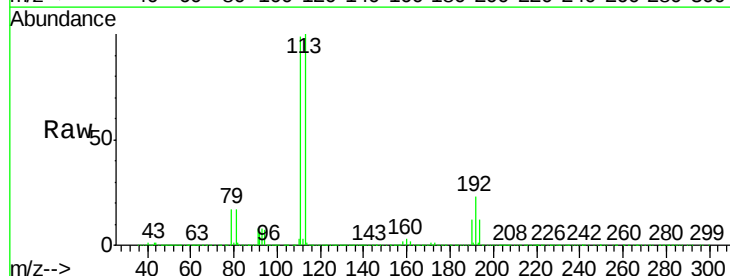
RT: 5.47 min Scan# 752

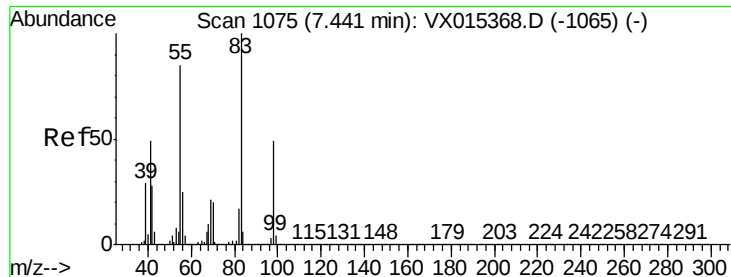
Delta R.T. -0.00 min

Lab File: VX015753.D

Acq: 17 Apr 2020 20:56

Tgt Ion:	113	Resp:	435973
Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.5	122.3
192	23.7	17.8	26.6





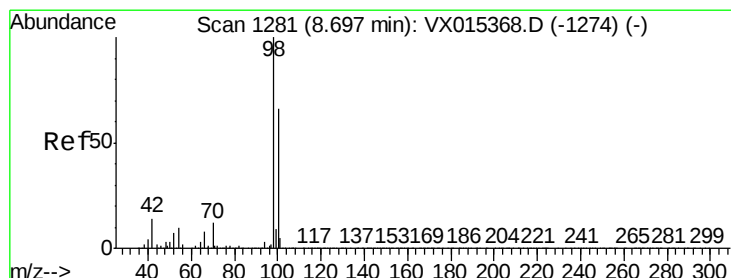
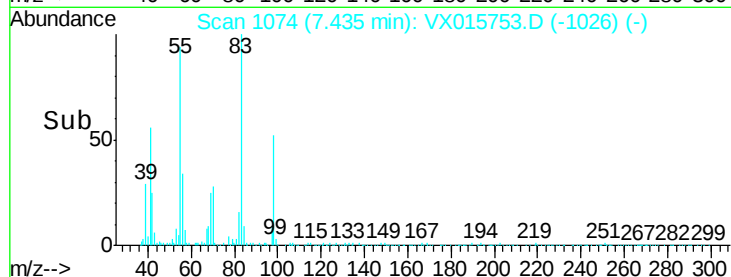
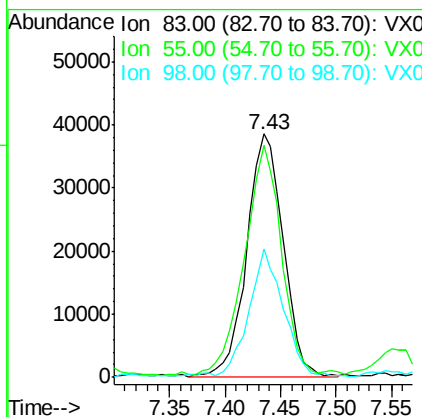
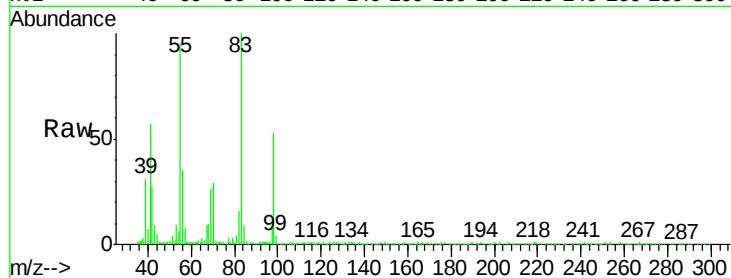
#39
Methvlcvclohexane
Concen: 5.715 ug/l
RT: 7.43 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VX015753.D
Acq: 17 Apr 2020 20:56

Instrument :
MSVOA_X
ClientSampled :
TP-38ME

Tot Ion	Ratio	Lower	Upper
83	100		
55	94.3	67.8	101.6
98	52.0	39.3	58.9

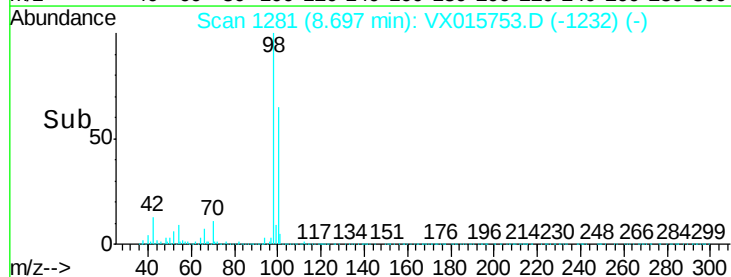
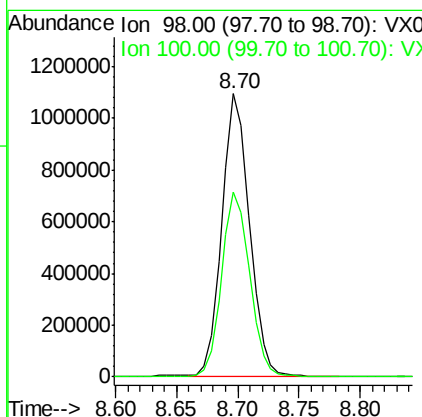
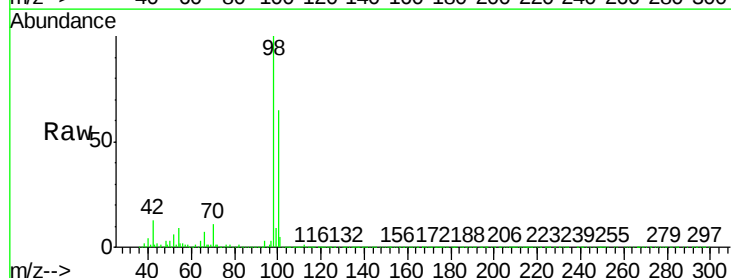
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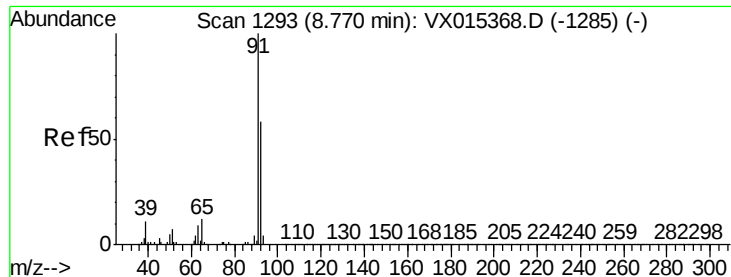
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#50
Toluene-d8
Concen: 50.560 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015753.D
Acq: 17 Apr 2020 20:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.5	80.3





#52

Toluene

Concen: 4.727 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015753.D

Acq: 17 Apr 2020 20:56

Instrument :

MSVOA_X

ClientSampled :

TP-38ME

Tot Ion: 92 Resp: 113142

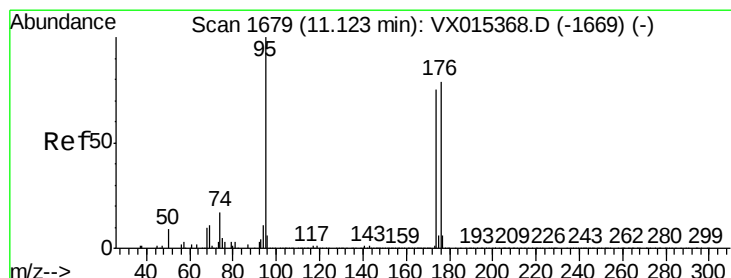
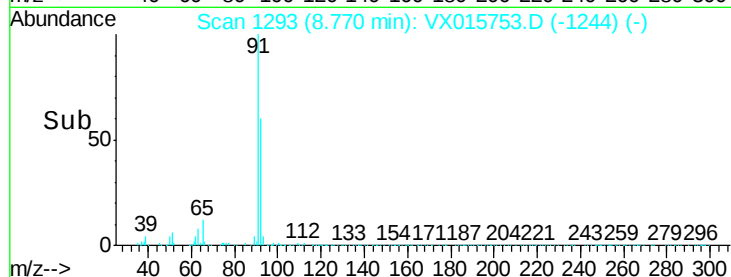
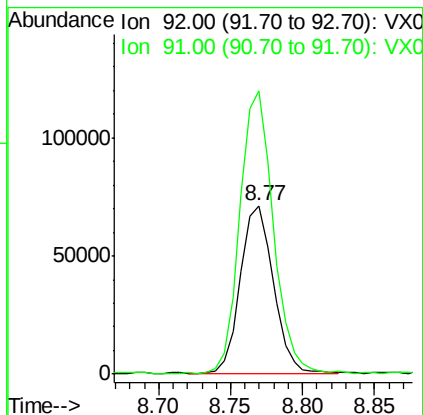
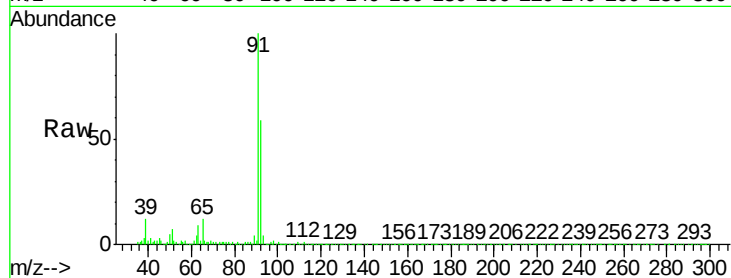
Ion Ratio Lower Upper

92 100

91 170.2 136.6 205.0

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 54.850 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015753.D

Acq: 17 Apr 2020 20:56

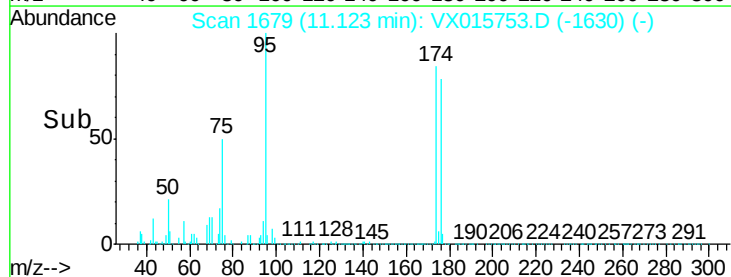
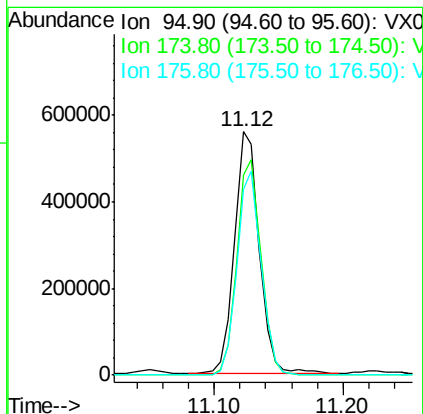
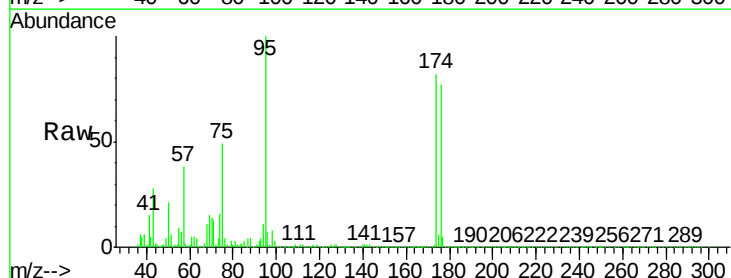
Tgt Ion: 95 Resp: 754584

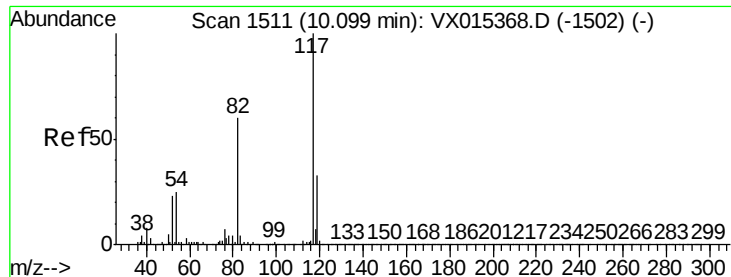
Ion Ratio Lower Upper

95 100

174 86.1 0.0 158.6

176 81.5 0.0 159.0





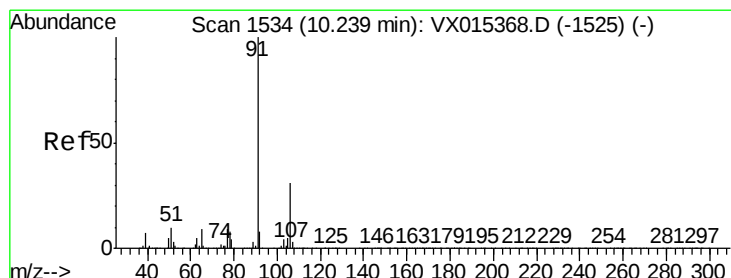
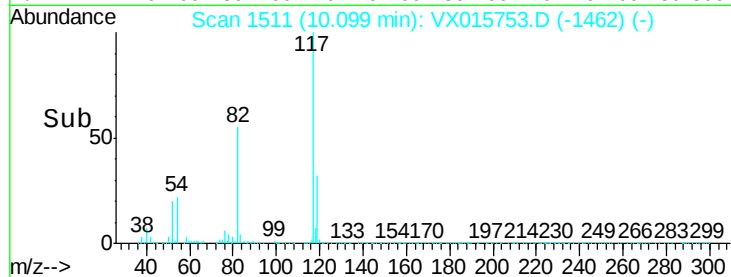
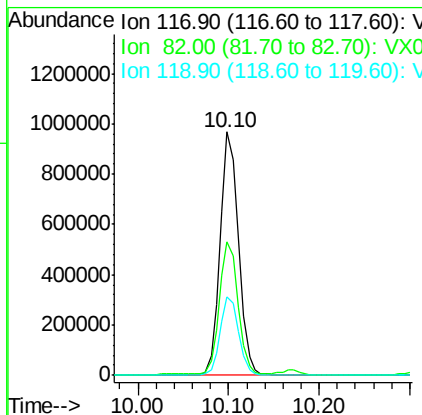
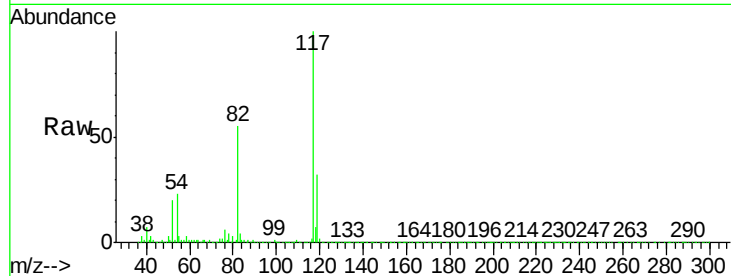
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015753.D
Acq: 17 Apr 2020 20:56

Instrument :
MSVOA_X
ClientSampleId :
TP-38ME

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	47.8	71.8
119	32.0	26.8	40.2

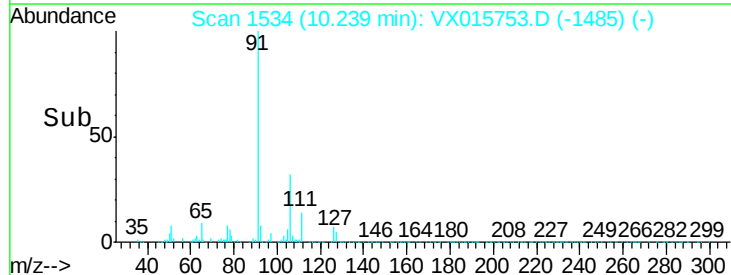
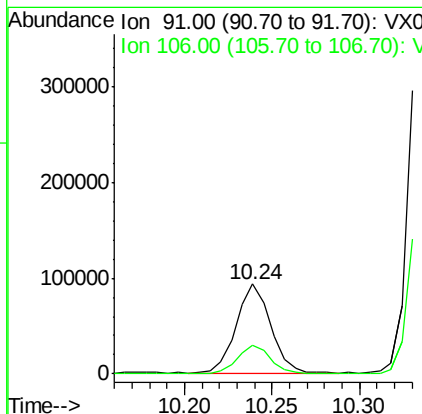
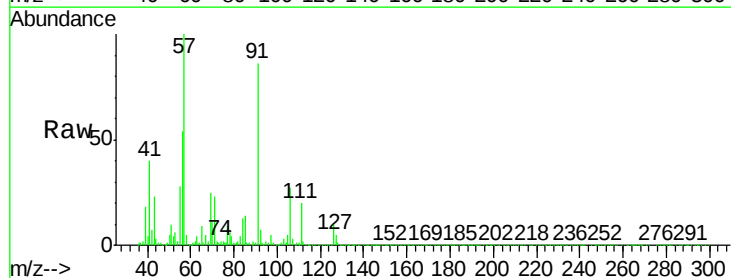
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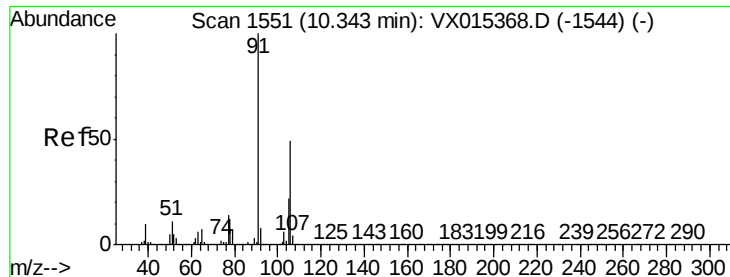
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#67
Ethyl Benzene
Concen: 2.579 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VX015753.D
Acq: 17 Apr 2020 20:56

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.4	24.8	37.2





#68

m/p-Xylenes

Concen: 38.460 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015753.D

Acq: 17 Apr 2020 20:56

Instrument :

MSVOA_X

ClientSampled :

TP-38ME

Tot Ion:106 Resp: 695688

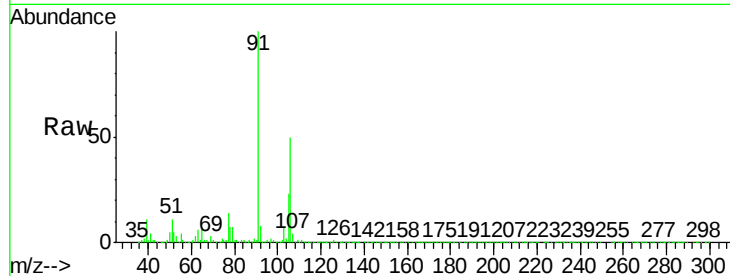
Ion Ratio Lower Upper

106 100

91 201.0 163.4 245.0

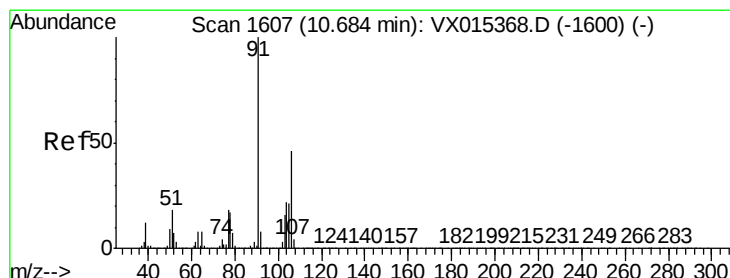
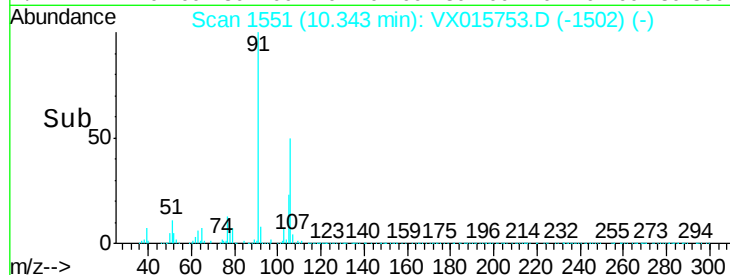
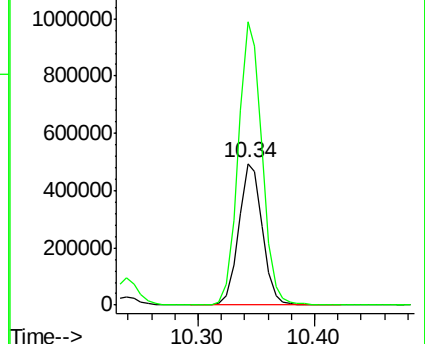
Manual Integrations
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 21.415 ug/l

RT: 10.68 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX015753.D

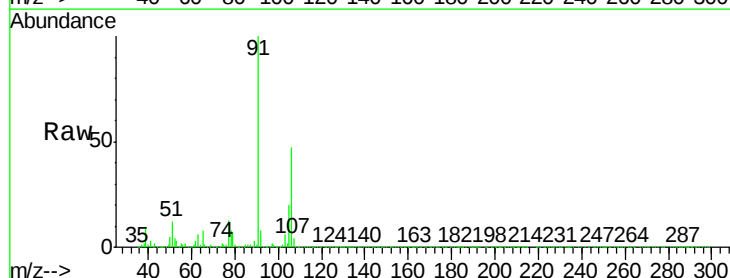
Acq: 17 Apr 2020 20:56

Tgt Ion:106 Resp: 382774

Ion Ratio Lower Upper

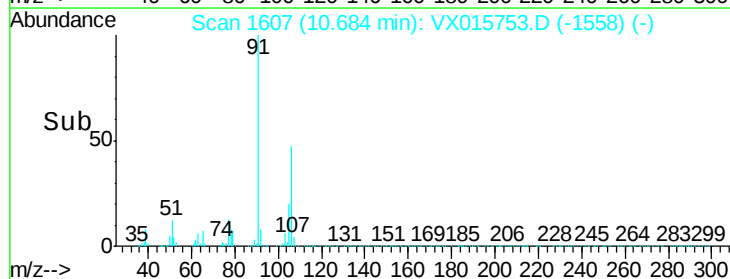
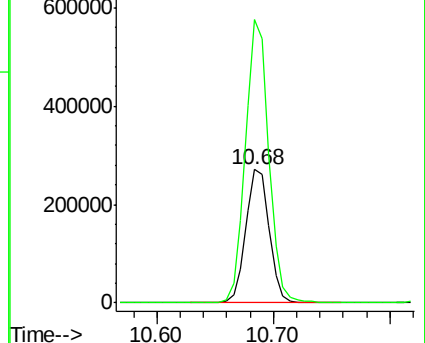
106 100

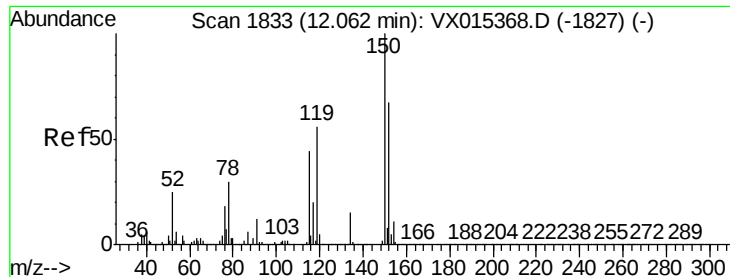
91 210.5 107.1 321.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

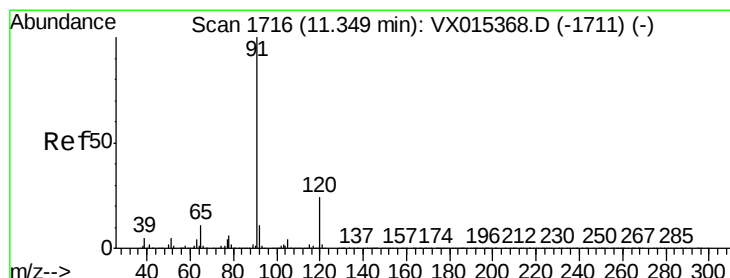
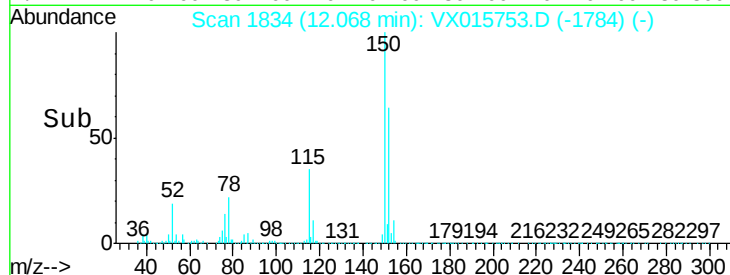
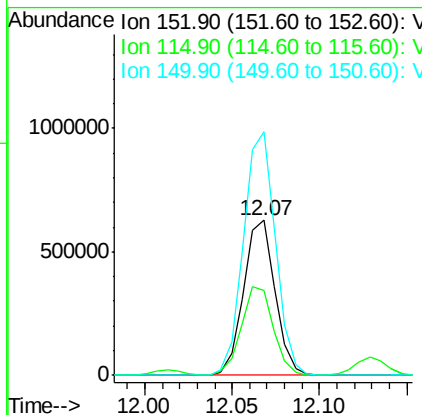
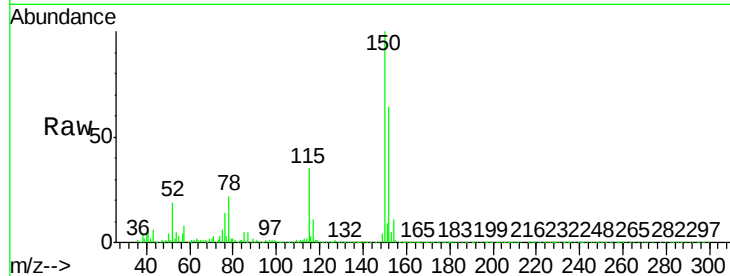
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1834
Delta R.T. 0.01 min
Lab File: VX015753.D
Acq: 17 Apr 2020 20:56

Instrument :
MSVOA_X
ClientSampled :
TP-38ME

Tot Ion	Ratio	Resp	Lower	Upper
152	100	782793		
115	58.1	39.0	116.9	
150	159.5	0.0	340.8	

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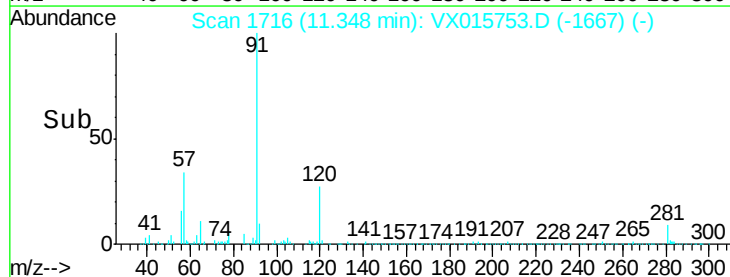
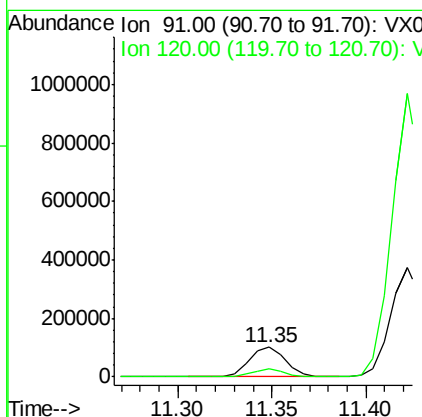
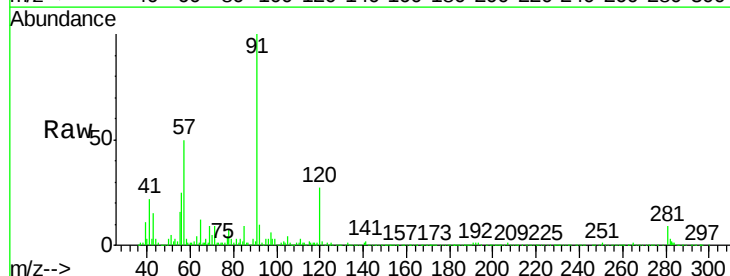
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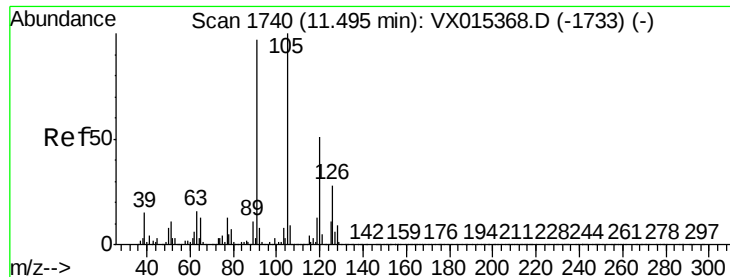


#78

n-propylbenzene
Concen: 2.282 ug/l
RT: 11.35 min Scan# 1716
Delta R.T. -0.00 min
Lab File: VX015753.D
Acq: 17 Apr 2020 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	133862		
120	0.0	11.7	35.0	#





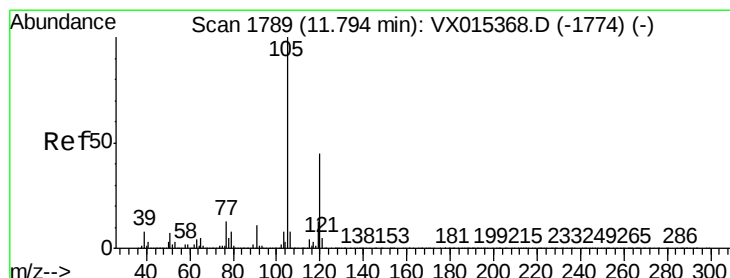
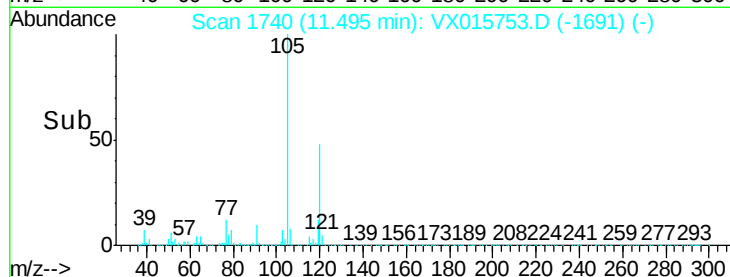
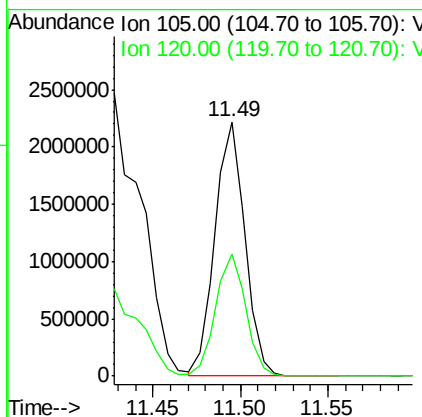
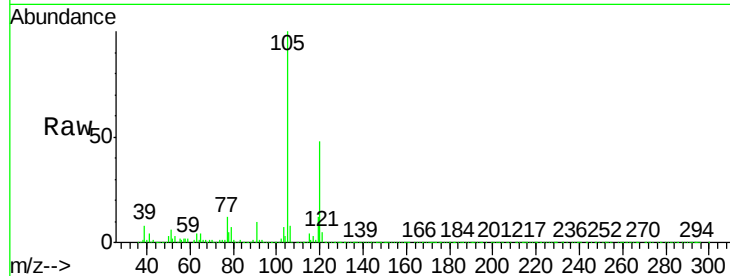
#80
 1,3,5-Trimethylbenzene
 Concen: 60.213 ug/l
 RT: 11.49 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: VX015753.D
 Acq: 17 Apr 2020 20:56

Instrument :
 MSVOA_X
 ClientSampled :
 TP-38ME

Tot Ion:105 Resp: 2637521
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.8 74.4

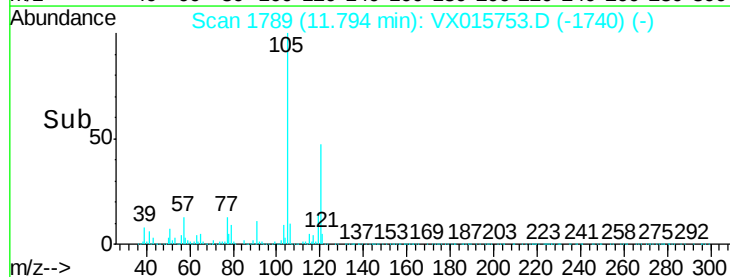
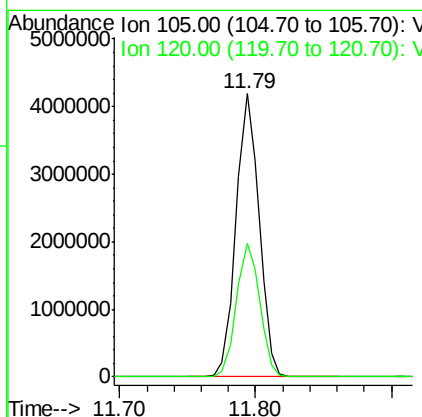
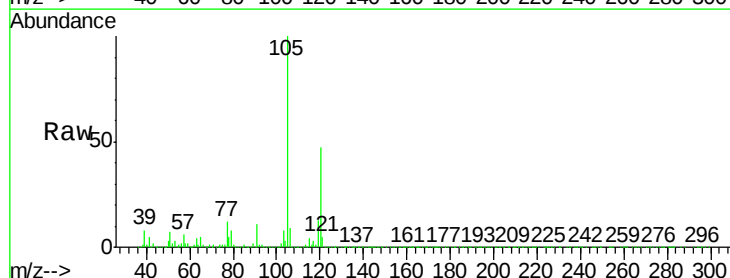
Manual Integrations
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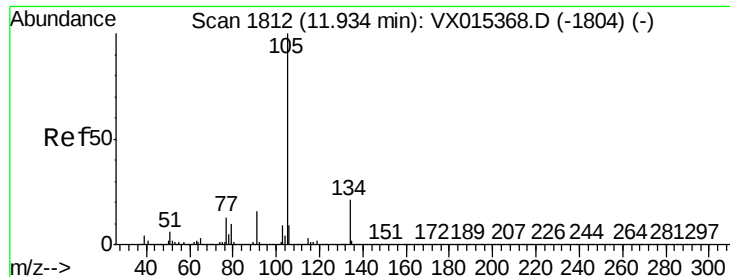
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#84
 1,2,4-Trimethylbenzene
 Concen: 110.871 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX015753.D
 Acq: 17 Apr 2020 20:56

Tgt Ion:105 Resp: 4948999
 Ion Ratio Lower Upper
 105 100
 120 47.7 22.7 68.1





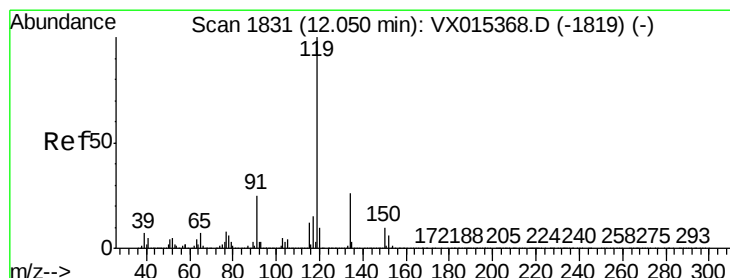
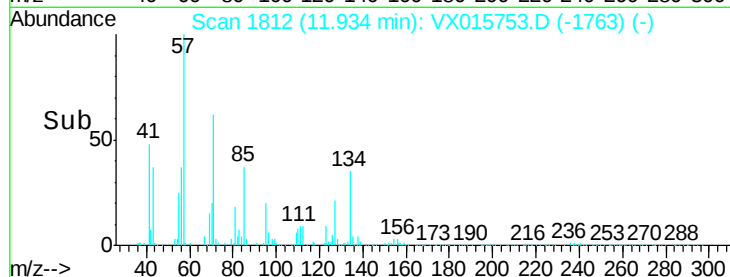
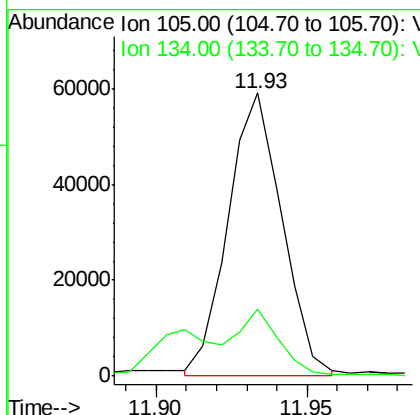
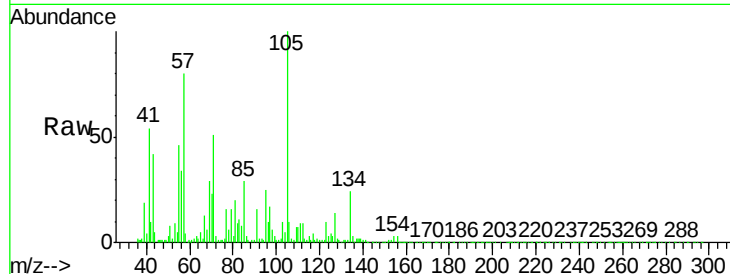
#85
 sec-Butylbenzene
 Concen: 1.486 ug/l m
 RT: 11.93 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VX015753.D
 Acq: 17 Apr 2020 20:56

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-38ME

Tot Ion:105 Resp: 73511
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#

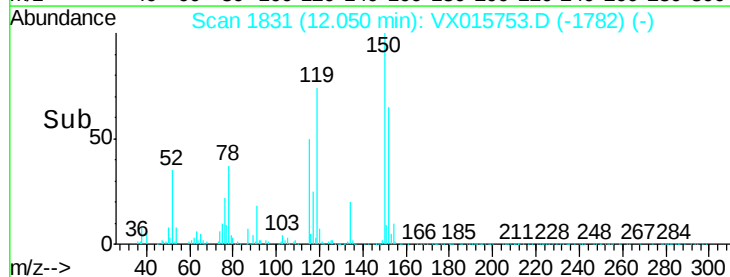
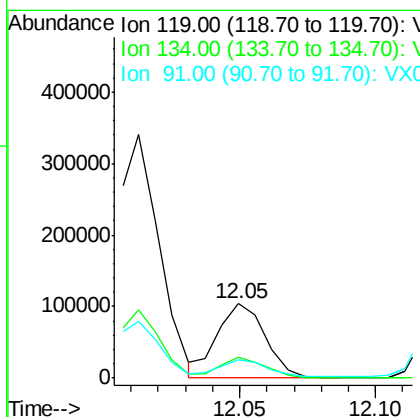
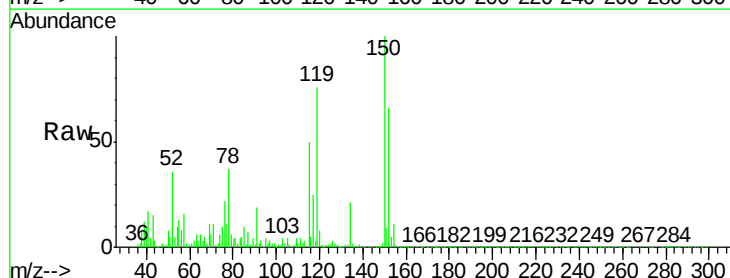
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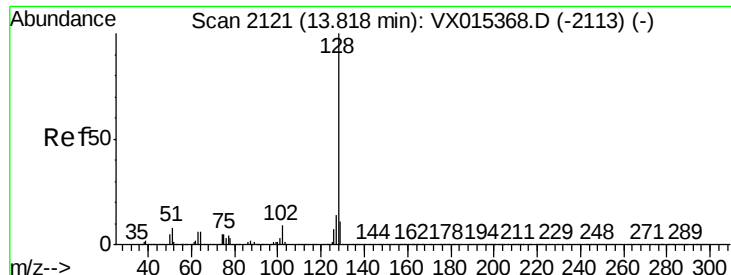
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#86
 p-Isopropyltoluene
 Concen: 2.751 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: VX015753.D
 Acq: 17 Apr 2020 20:56

Tgt Ion:119 Resp: 126387
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.1 39.3
 91 24.2 12.4 37.4





#95
Naphthalene
Concen: 14.157 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015753.D
Acq: 17 Apr 2020 20:56

Instrument :
MSVOA_X
ClientSampleId :
TP-38ME

Tot Ion	Ratio	Resp	Lower	Upper
128	100	818746		
127	13.8		10.6	15.8
129	11.5		8.8	13.2

Manual Integrations
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4/20/2020 10:03:12 AM

