

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042320\
 Data File : VX015898.D
 Acq On : 23 Apr 2020 18:09
 Operator : JC/SP
 Sample : L2403-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0239

Manual Integrations
 APPROVED

MMDadoda
 4/24/2020 11:34:51 AM

Quant Time: Apr 24 07:02:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	860683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1306330	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1321717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	737859	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	484071	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
35) Dibromofluoromethane	5.47	113	382454	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
50) Toluene-d8	8.70	98	1596549	52.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.20%	
62) 4-Bromofluorobenzene	11.12	95	682349	54.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.60%	
Target Compounds						
4) Vinyl Chloride	1.39	62	36752	4.208	ug/l	95
27) cis-1,2-Dichloroethene	4.56	96	10865	1.144	ug/l	94
67) Ethyl Benzene	10.23	91	18329	0.395	ug/l	95
73) Isopropylbenzene	11.01	105	14045	0.300	ug/l	95
78) n-propylbenzene	11.34	91	16353	0.305	ug/l	99
85) sec-Butylbenzene	11.93	105	17675m	0.378	ug/l	

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

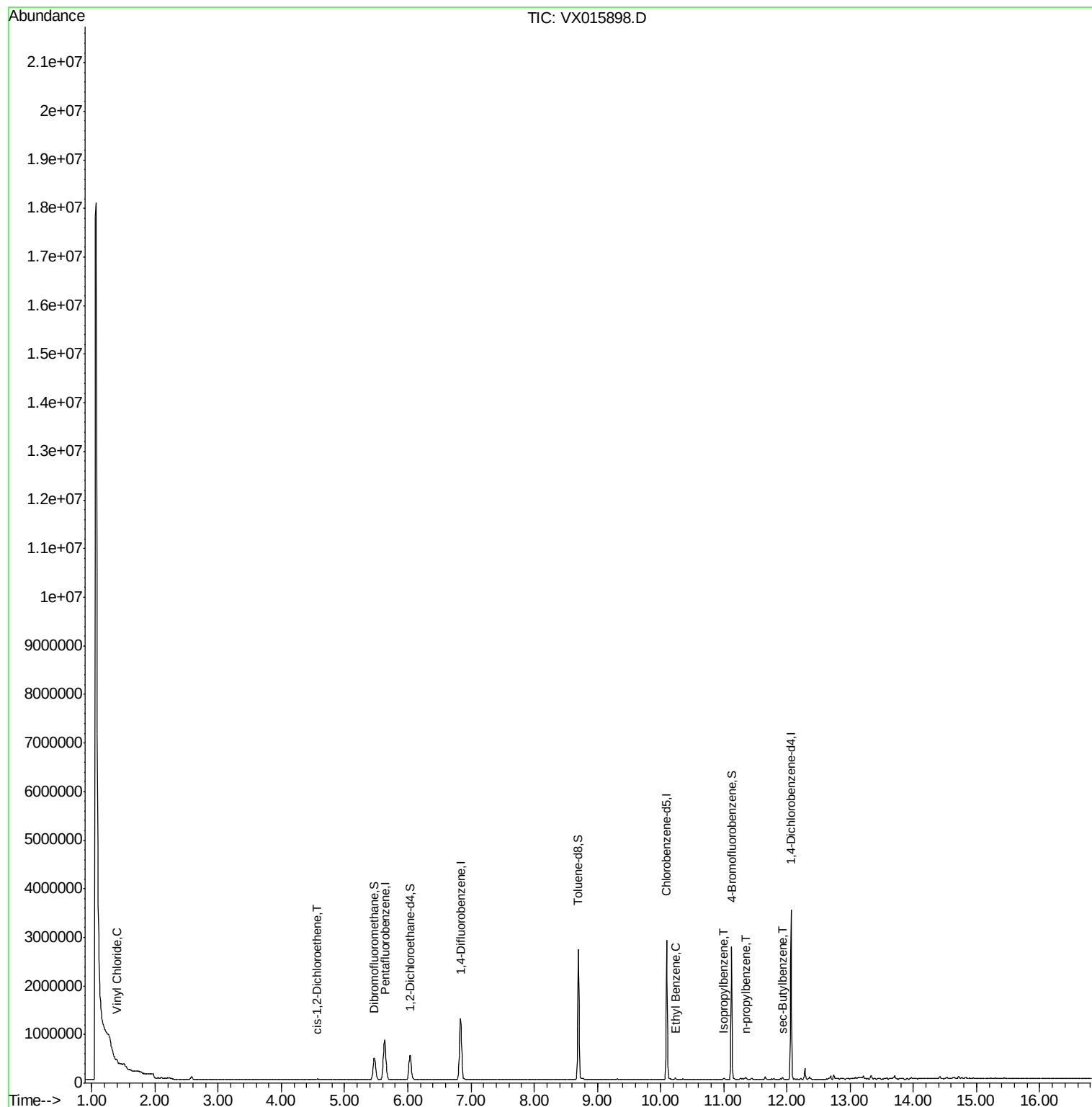
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042320\
Data File : VX015898.D
Acq On : 23 Apr 2020 18:09
Operator : JC/SP
Sample : L2403-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

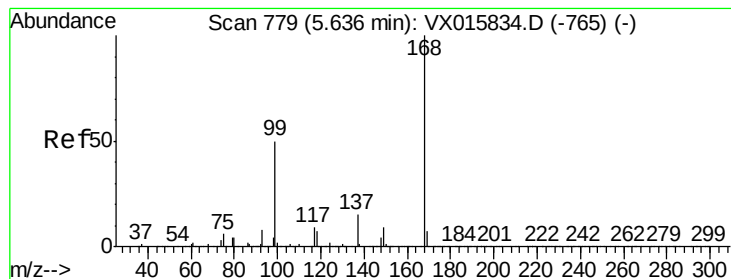
Instrument :
MSVOA_X
ClientSampleId :
S73-0239

Manual Integrations
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4/24/2020 11:34:51 AM

Quant Time: Apr 24 07:02:59 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 04:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.00 min

Lab File: VX015898.D

Acq: 23 Apr 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

S73-0239

Tot Ion:168 Resp: 860683

Ion Ratio Lower Upper

168 100

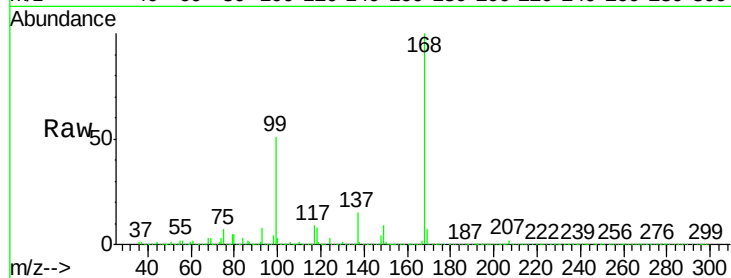
99 51.1 40.3 60.5

Manual Integrations

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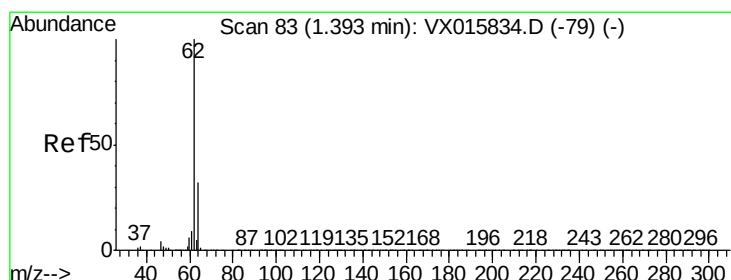
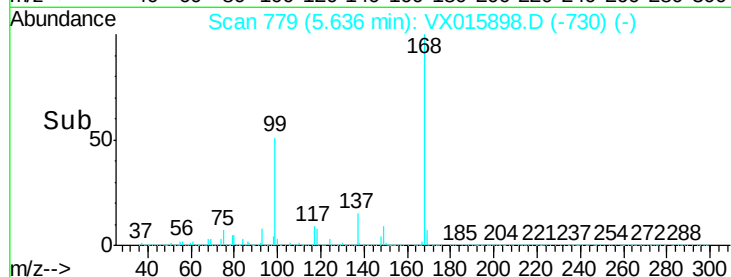
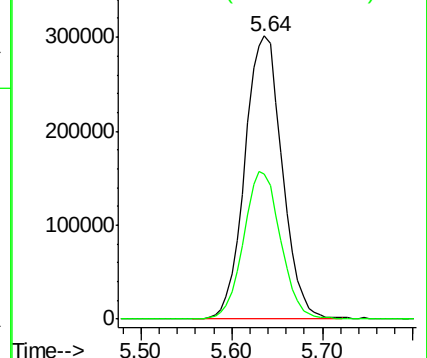
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 4.208 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015898.D

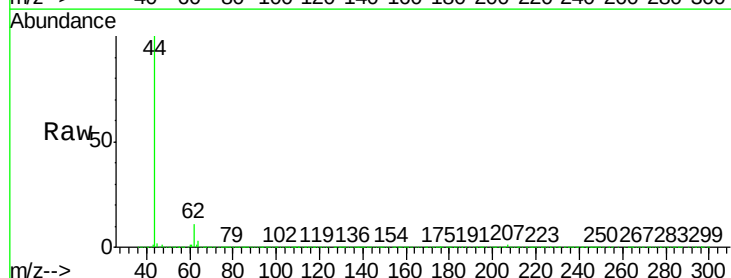
Acq: 23 Apr 2020 18:09

Tgt Ion: 62 Resp: 36752

Ion Ratio Lower Upper

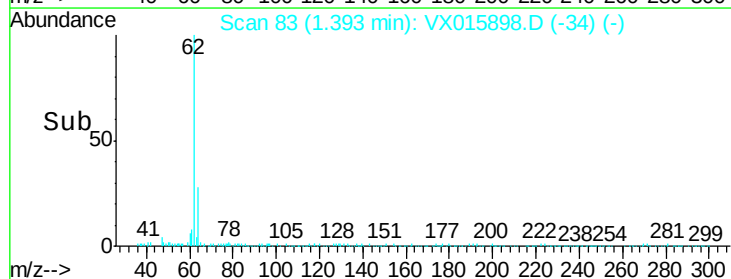
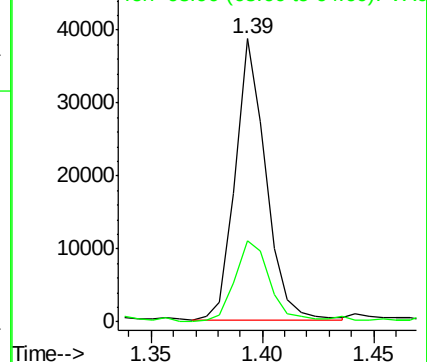
62 100

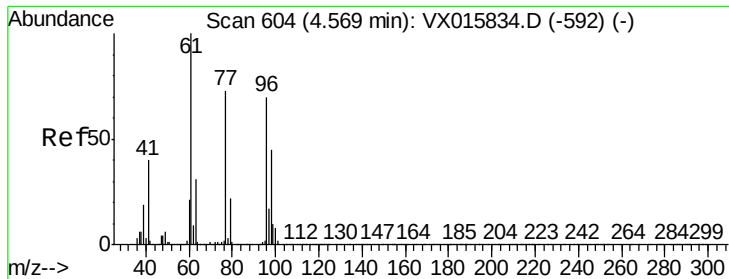
64 29.0 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#27

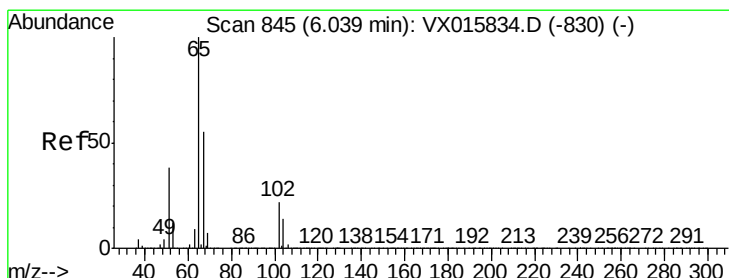
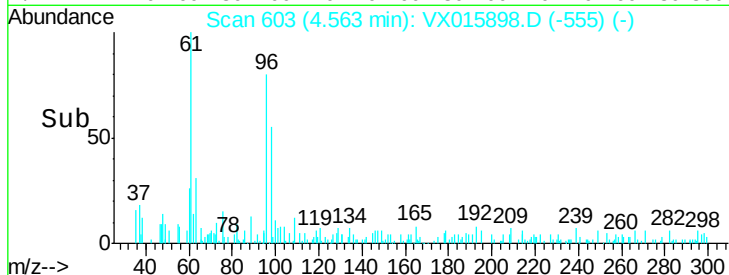
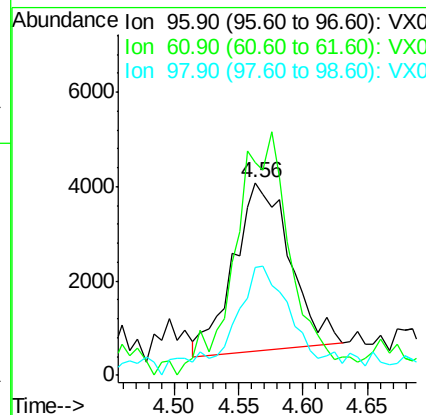
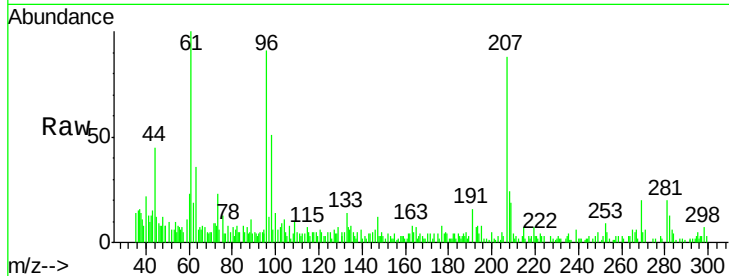
cis-1,2-Dichloroethene
Concen: 1.144 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX015898.D
Acq: 23 Apr 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
S73-0239

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	143.5	0.0	299.4	
98	71.3	0.0	129.6	

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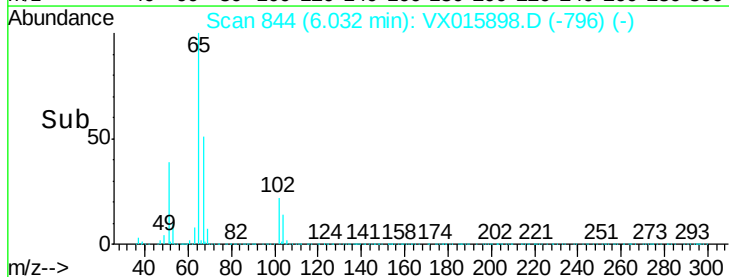
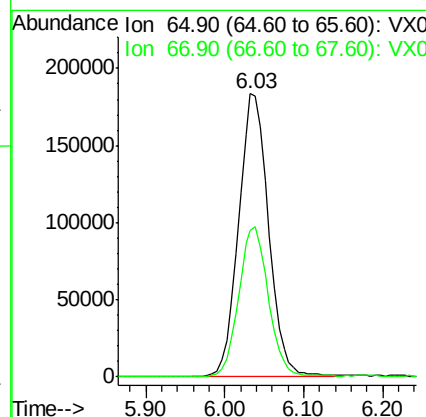
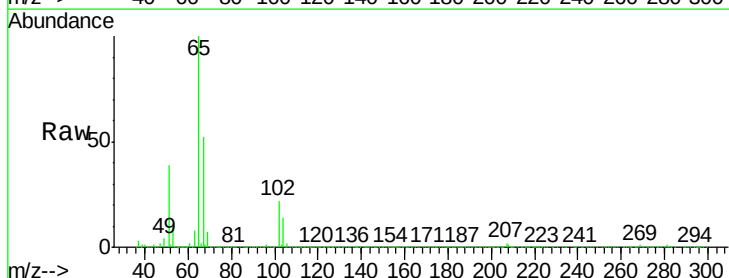
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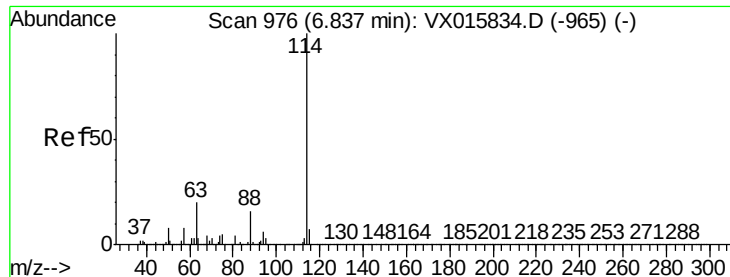


#33

1,2-Dichloroethane-d4
Concen: 49.450 ug/l
RT: 6.03 min Scan# 844
Delta R.T. -0.01 min
Lab File: VX015898.D
Acq: 23 Apr 2020 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.2	0.0	104.2	





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015898.D

Acq: 23 Apr 2020 18:09

Instrument :

MSVOA_X

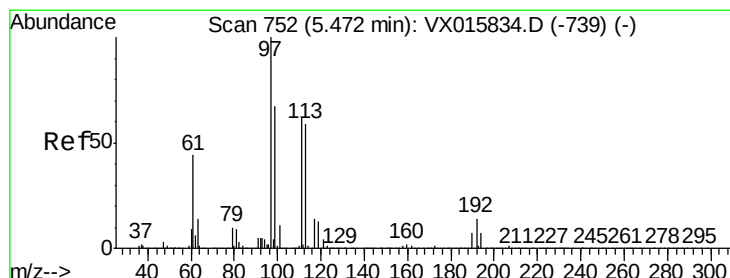
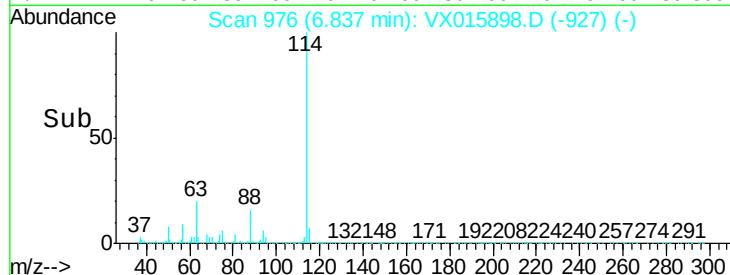
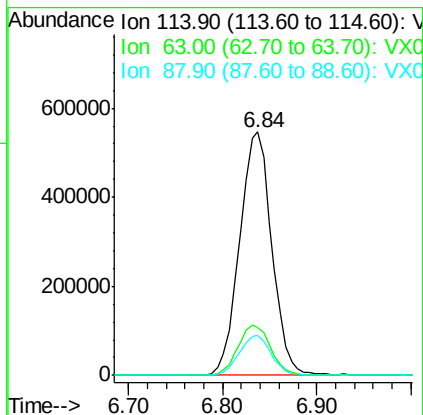
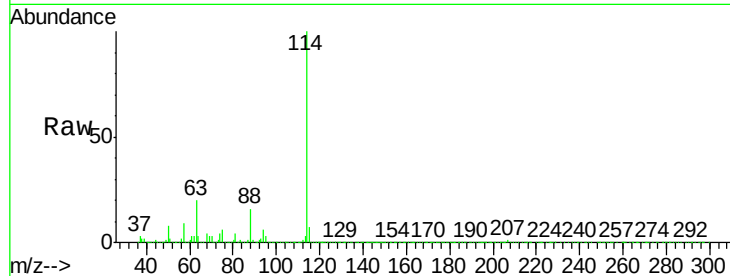
ClientSampleId :

S73-0239

Tot Ion:	114	Resp:	1306330
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.6
88	16.2	0.0	32.8

Manual Integrations
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#35

Dibromofluoromethane

Concen: 50.720 ug/l

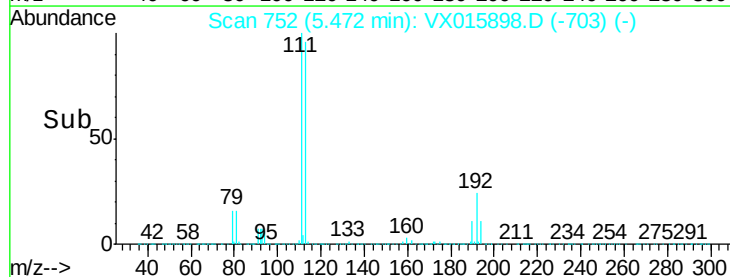
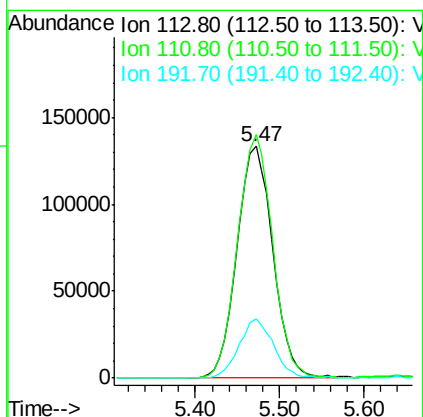
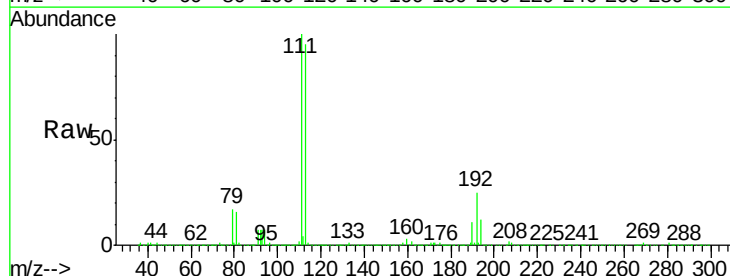
RT: 5.47 min Scan# 752

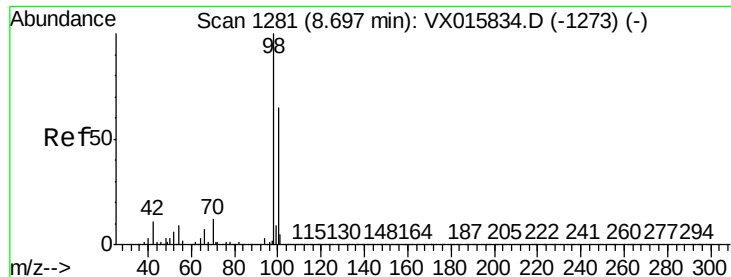
Delta R.T. 0.00 min

Lab File: VX015898.D

Acq: 23 Apr 2020 18:09

Tgt Ion:	113	Resp:	382454
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.7	124.1
192	24.4	19.3	28.9





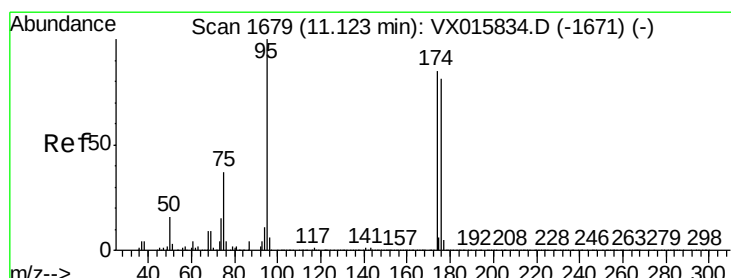
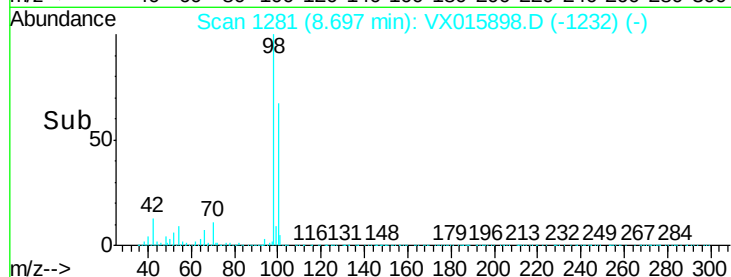
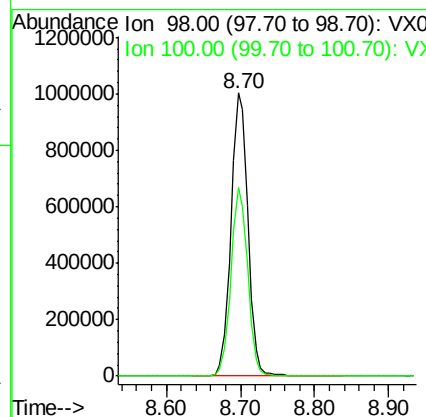
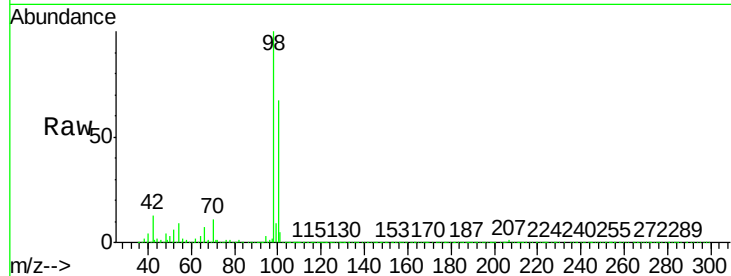
#50
Toluene-d8
Concen: 52.596 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015898.D
Acq: 23 Apr 2020 18:09

Instrument :
MSVOA_X
ClientSampled :
S73-0239

Tot Ion: 98 Resp: 1596549
Ion Ratio Lower Upper
98 100
100 66.1 53.8 80.6

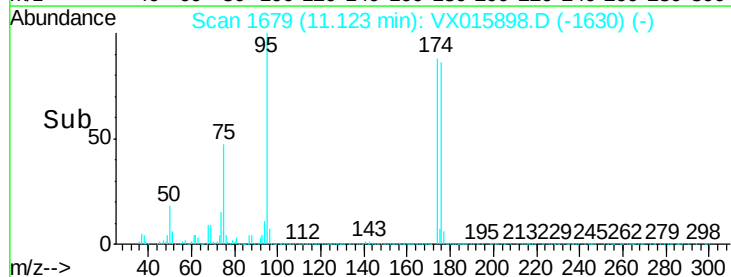
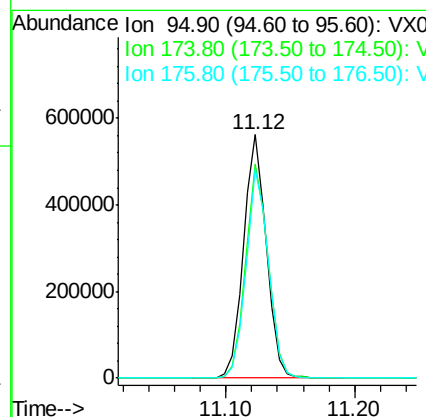
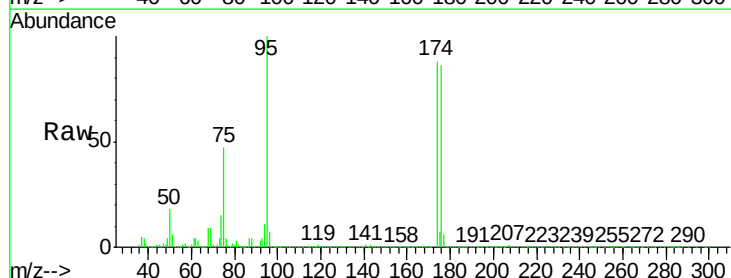
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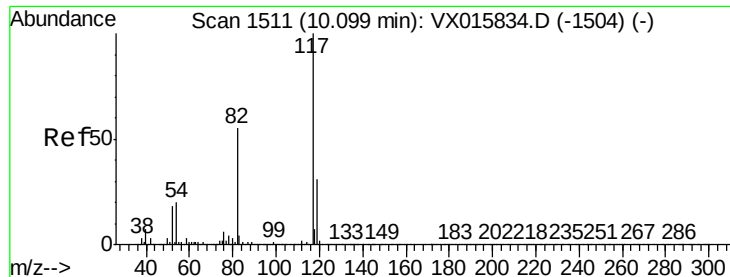
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#62
4-Bromofluorobenzene
Concen: 54.796 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015898.D
Acq: 23 Apr 2020 18:09

Tgt Ion: 95 Resp: 682349
Ion Ratio Lower Upper
95 100
174 87.4 0.0 172.4
176 84.7 0.0 167.0





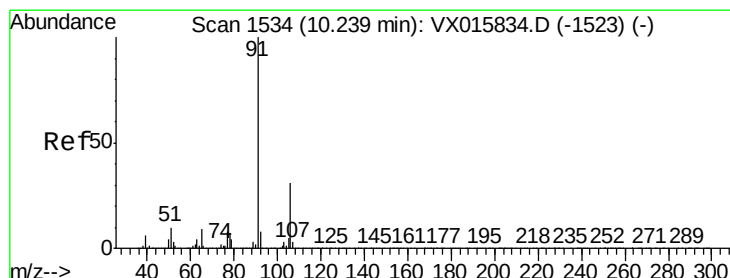
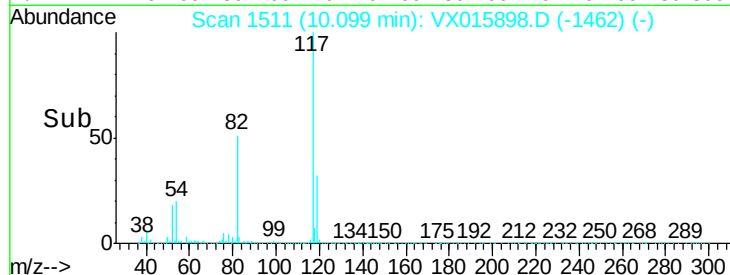
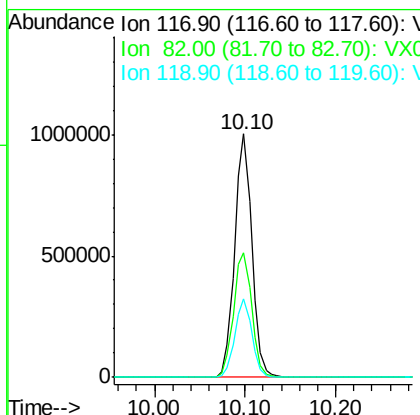
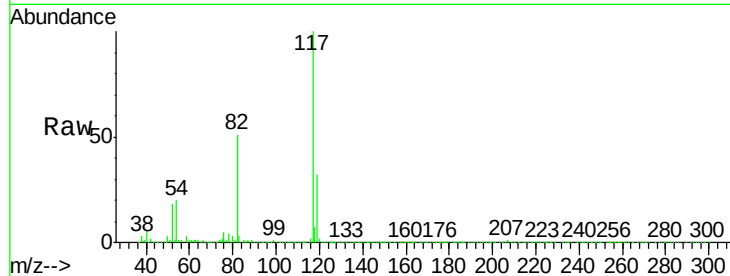
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015898.D
Acq: 23 Apr 2020 18:09

Instrument :
MSVOA_X
ClientSampled :
S73-0239

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	43.9	65.9
119	32.0	25.1	37.7

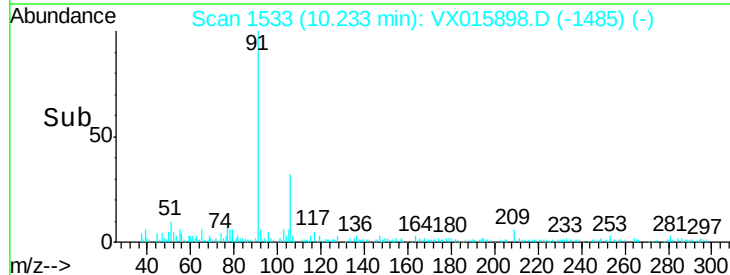
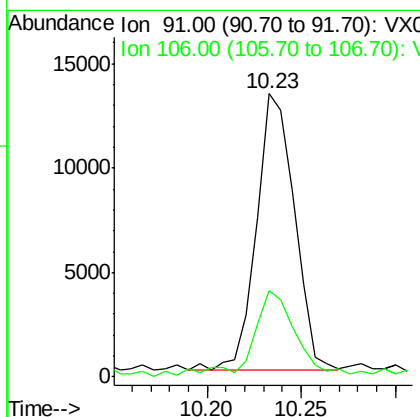
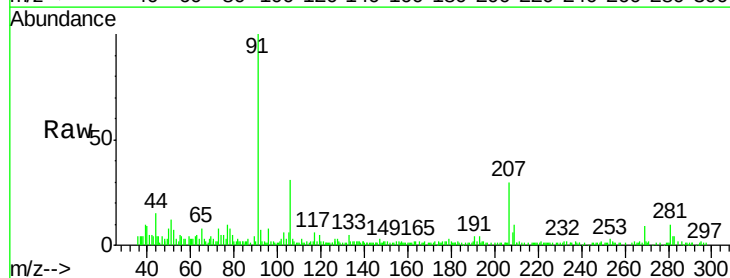
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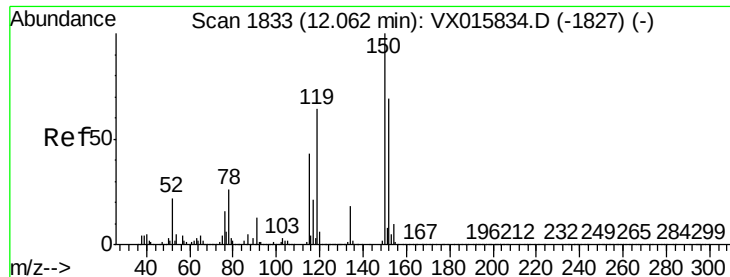
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#67
Ethyl Benzene
Concen: 0.395 ug/l
RT: 10.23 min Scan# 1533
Delta R.T. -0.01 min
Lab File: VX015898.D
Acq: 23 Apr 2020 18:09

Tgt Ion	Ratio	Lower	Upper
91	100		
106	28.5	25.0	37.4





#72

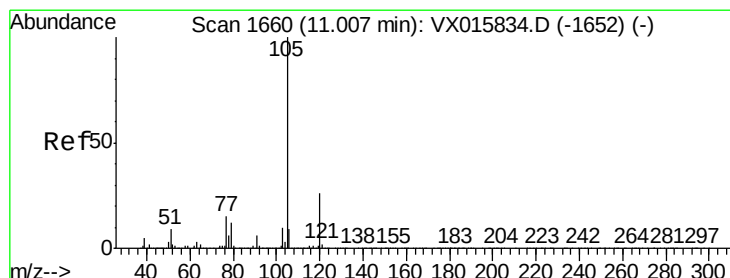
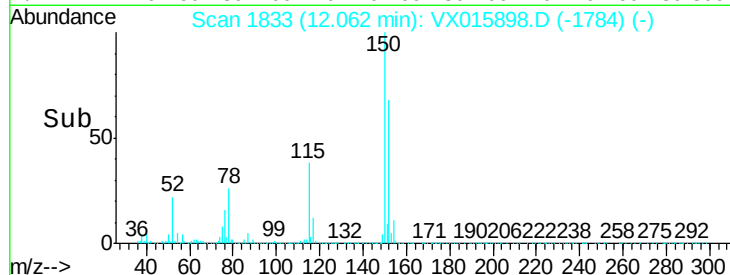
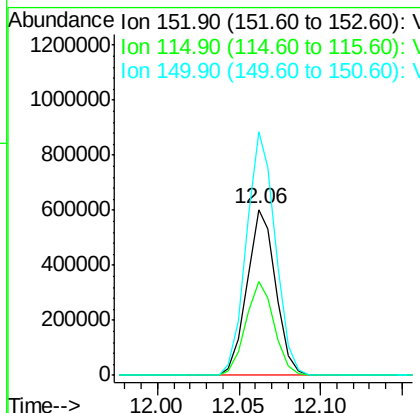
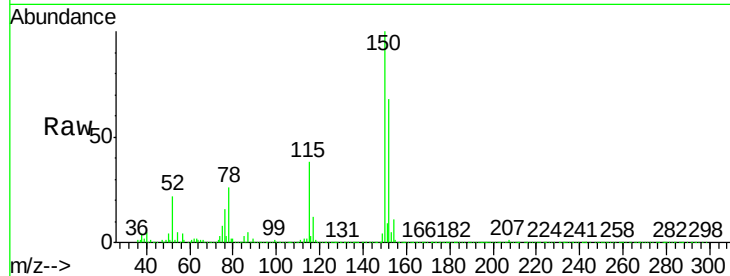
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015898.D
Acq: 23 Apr 2020 18:09

Instrument :
MSVOA_X
ClientSampled :
S73-0239

Tot Ion	Ratio	Resp	Lower	Upper
152	100	737859		
115	55.9	39.0	116.9	
150	148.4	0.0	336.8	

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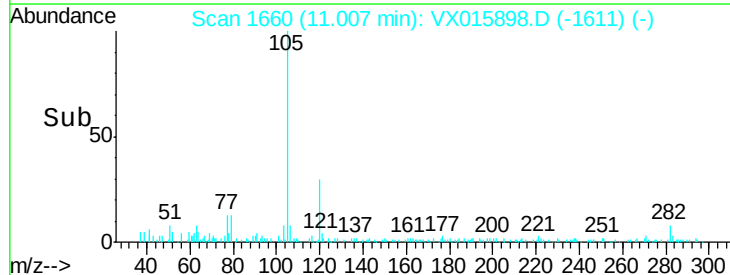
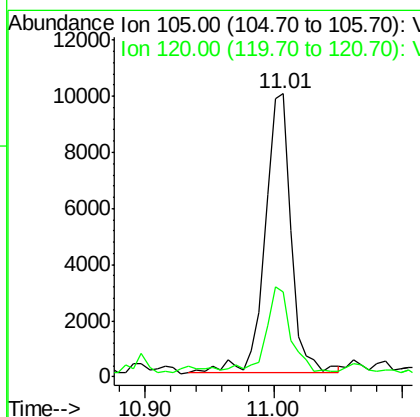
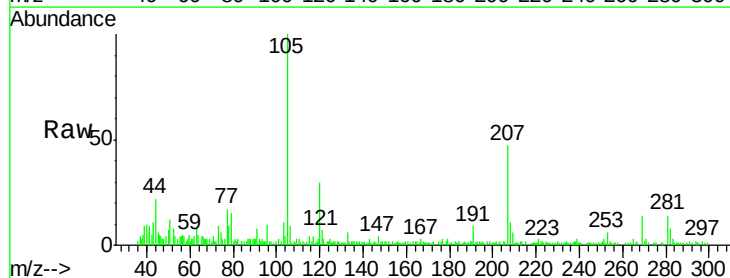
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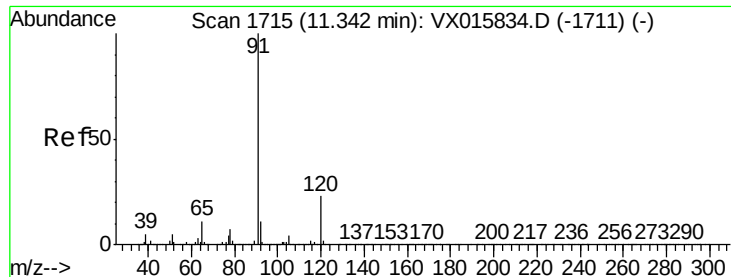


#73

Isopropylbenzene
Concen: 0.300 ug/l
RT: 11.01 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX015898.D
Acq: 23 Apr 2020 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	14045		
120	28.6	13.1	39.1	





#78

n-propylbenzene

Concen: 0.305 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015898.D

Acq: 23 Apr 2020 18:09

Instrument :

MSVOA_X

ClientSampled :

S73-0239

Tot Ion: 91 Resp: 16353

Ion Ratio Lower Upper

91 100

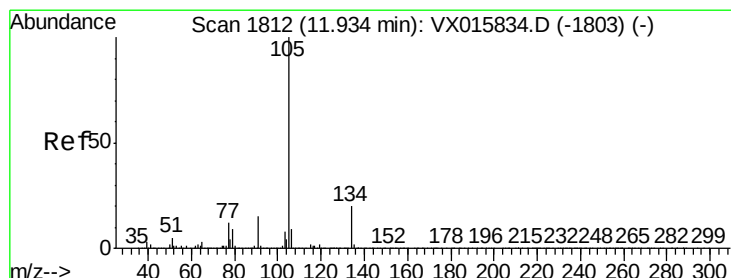
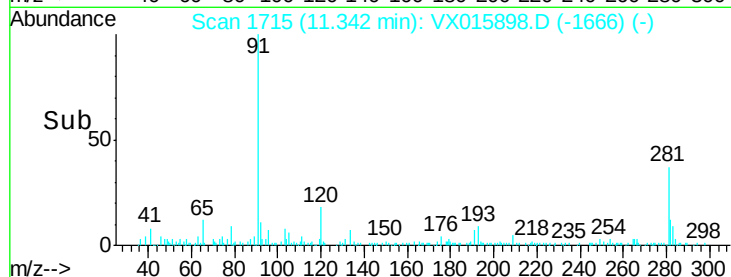
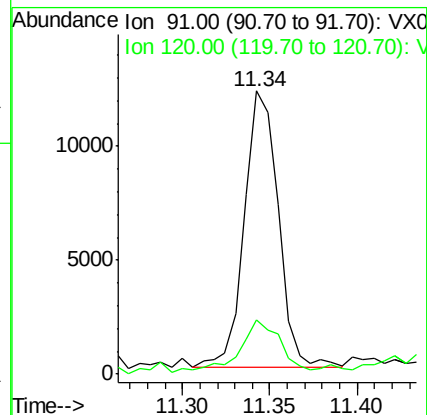
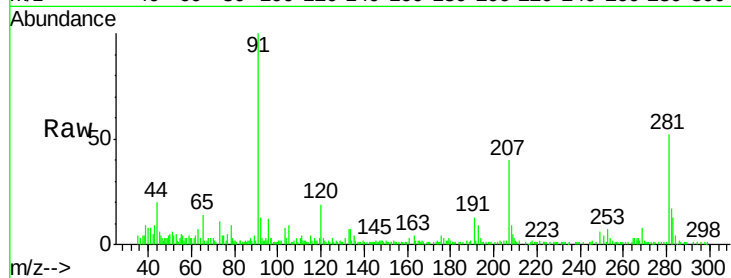
120 22.9 11.7 35.1

Manual Integrations

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4/24/2020 11:34:51 AM



#85

sec-Butylbenzene

Concen: 0.378 ug/l m

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015898.D

Acq: 23 Apr 2020 18:09

Tgt Ion: 105 Resp: 17675

Ion Ratio Lower Upper

105 100

134 2.4 10.3 30.8#

