

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072420\
 Data File : VX017542.D
 Acq On : 24 Jul 2020 14:59
 Operator : JC/SP
 Sample : L3403-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 W-1

Manual Integrations
 APPROVED

MMDadoda
 7/27/2020 11:03:44 AM

Quant Time: Jul 27 06:16:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	461425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	773287	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	801809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	406716	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	310722	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.84%	
35) Dibromofluoromethane	5.47	113	273736	52.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.86%	
50) Toluene-d8	8.70	98	936861	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
62) 4-Bromofluorobenzene	11.12	95	409659	54.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.74%	
Target Compounds						
					Qvalue	
16) Acetone	2.42	43	20021	7.674	ug/l	95
52) Toluene	8.77	92	5836	0.428	ug/l	87
68) m/p-Xylenes	10.34	106	3409	0.304	ug/l	74
73) Isopropylbenzene	11.00	105	9999	0.358	ug/l	87
78) n-propylbenzene	11.35	91	18843	0.599	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	33622	1.419	ug/l	97
85) sec-Butylbenzene	11.93	105	13263	0.499	ug/l	85
86) p-Isopropyltoluene	12.05	119	6399	0.253	ug/l #	61
89) n-Butylbenzene	12.37	91	6865m	0.305	ug/l	
95) Naphthalene	13.82	128	33993	1.266	ug/l #	94

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

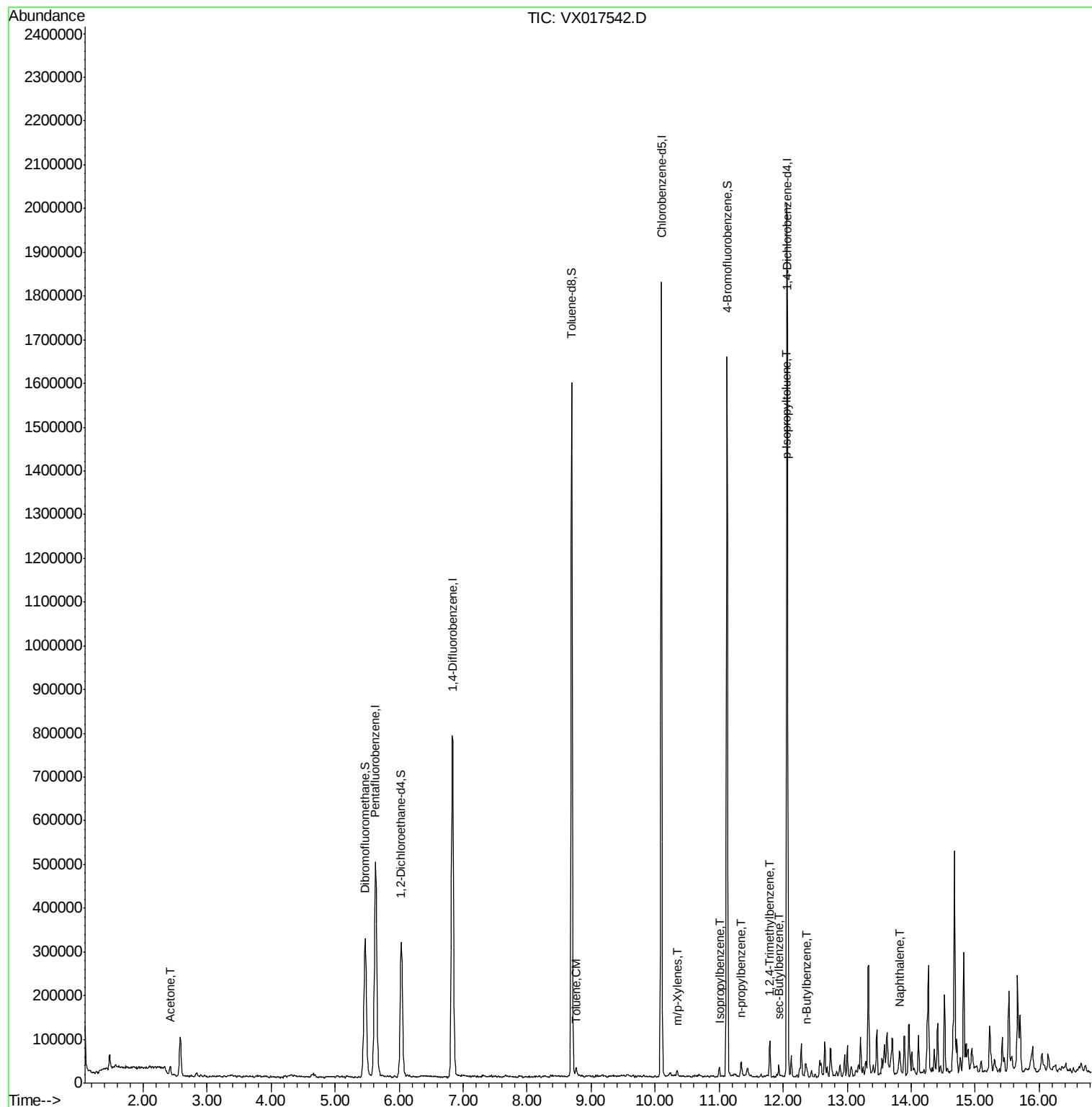
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX072420\
Data File : VX017542.D
Acq On : 24 Jul 2020 14:59
Operator : JC/SP
Sample : L3403-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

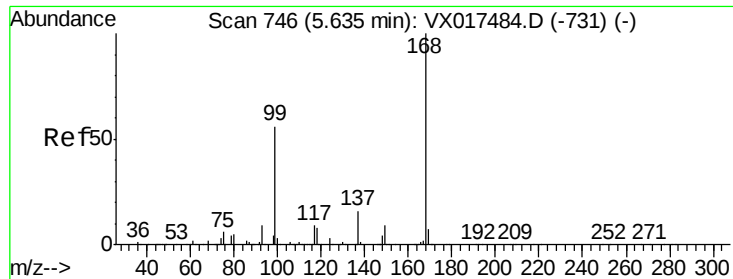
Instrument :
MSVOA_X
ClientSampled :
W-1

Manual Integrations
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Quant Time: Jul 27 06:16:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017542.D

Acq: 24 Jul 2020 14:59

Instrument :

MSVOA_X

ClientSampleId :

W-1

Tgt Ion: 168 Resp: 461425

Ion Ratio Lower Upper

168 100

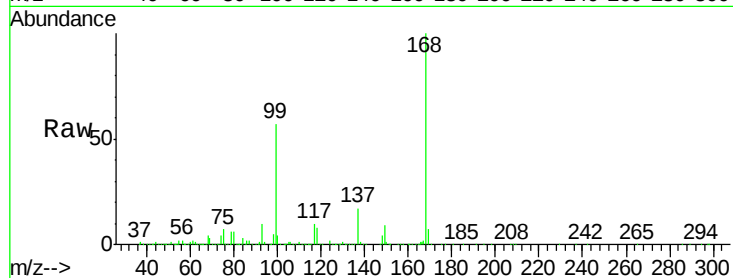
99 57.2 43.4 65.2

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

5.63

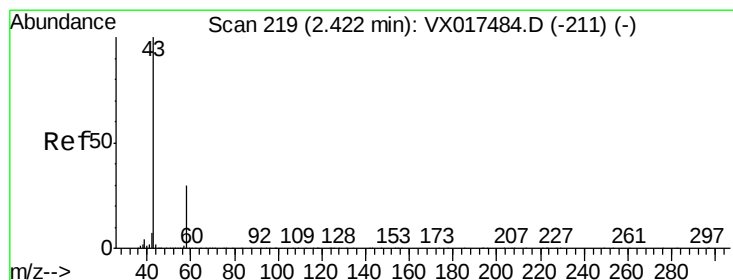
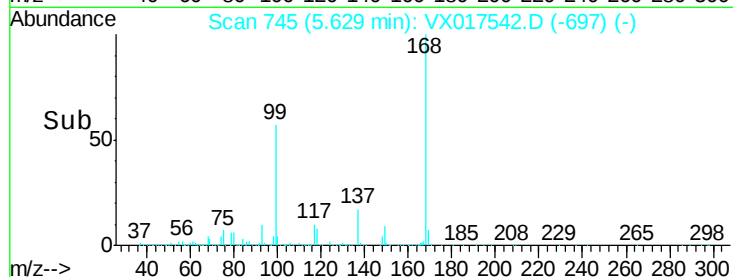
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.674 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017542.D

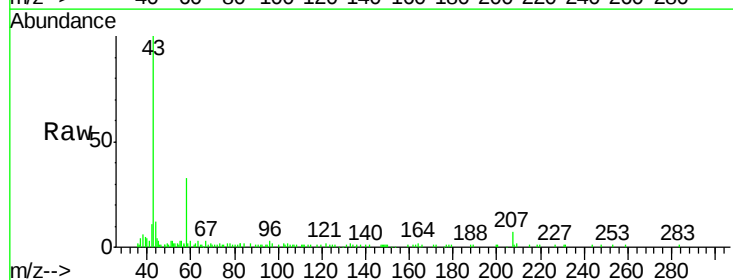
Acq: 24 Jul 2020 14:59

Tgt Ion: 43 Resp: 20021

Ion Ratio Lower Upper

43 100

58 32.8 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

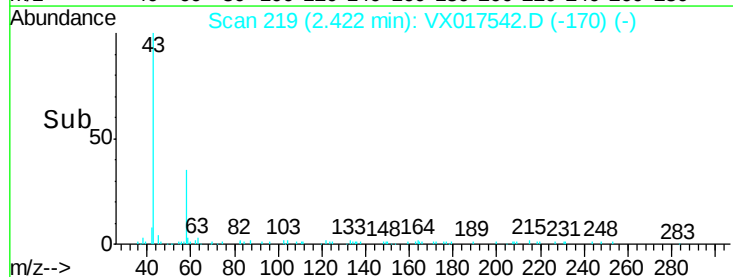
2.42

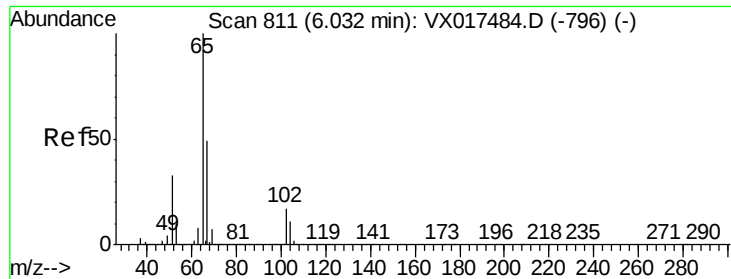
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.423 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017542.D

Acq: 24 Jul 2020 14:59

Instrument :

MSVOA_X

ClientSampled :

W-1

Tgt Ion: 65 Resp: 310722

Ion Ratio Lower Upper

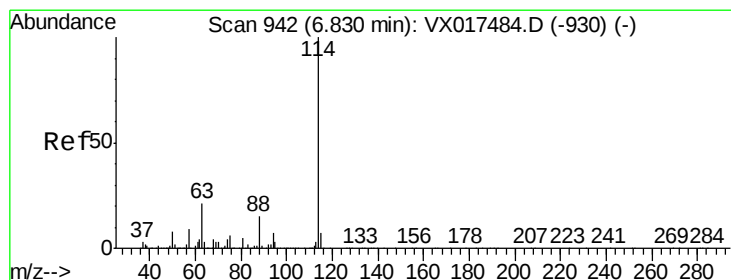
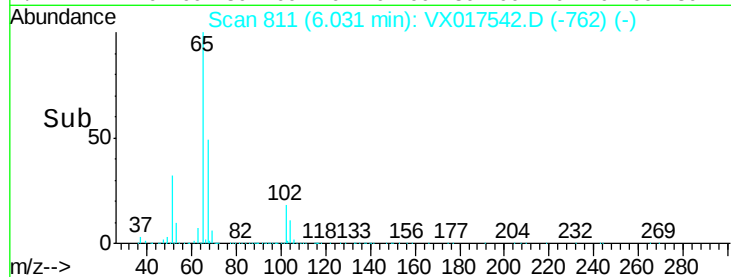
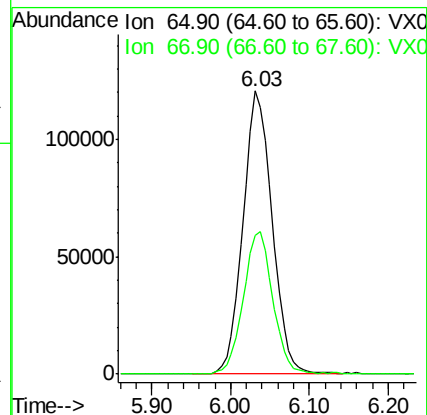
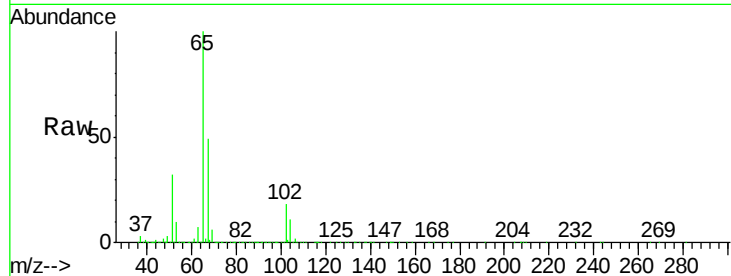
65 100

67 50.9 0.0 102.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017542.D

Acq: 24 Jul 2020 14:59

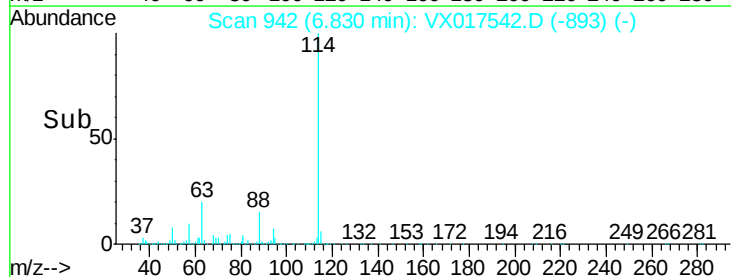
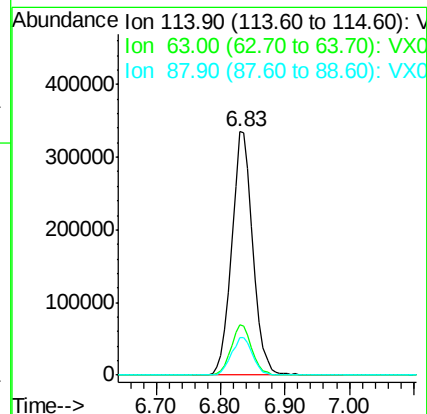
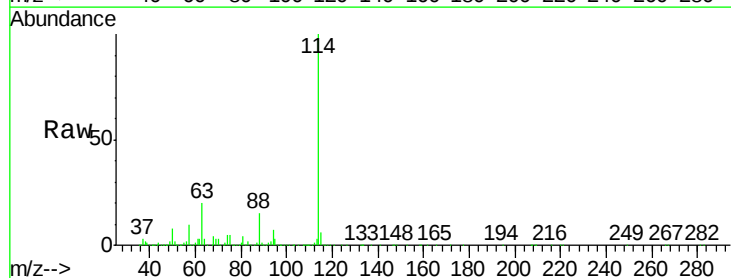
Tgt Ion: 114 Resp: 773287

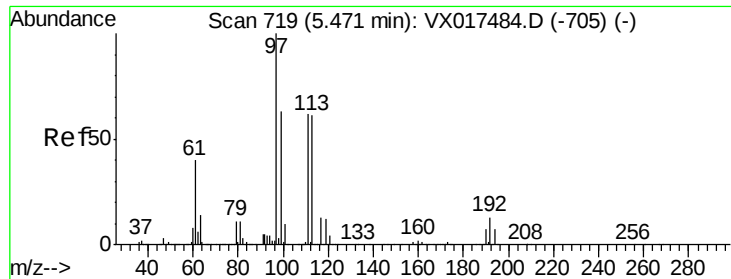
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.6

88 15.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 52.929 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017542.D

Acq: 24 Jul 2020 14:59

Instrument :

MSVOA_X

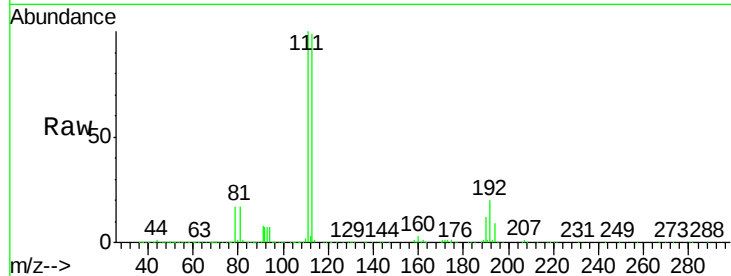
ClientSampled :

W-1

Tgt Ion:	113	Resp:	273736
Ion Ratio	Lower	Upper	
113	100		
111	104.8	80.7	121.1
192	20.3	16.9	25.3

Manual Integrations
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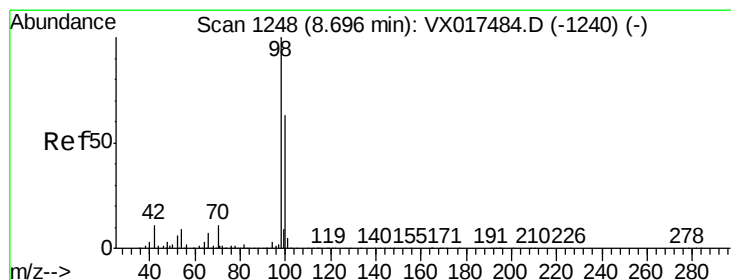
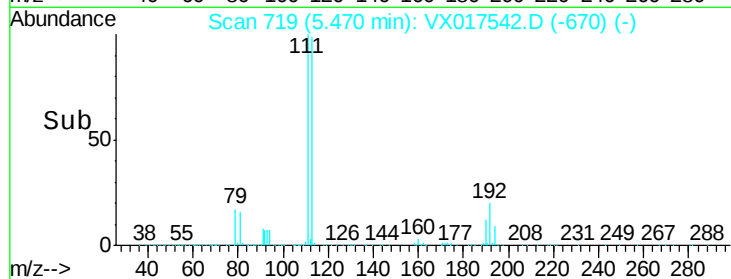
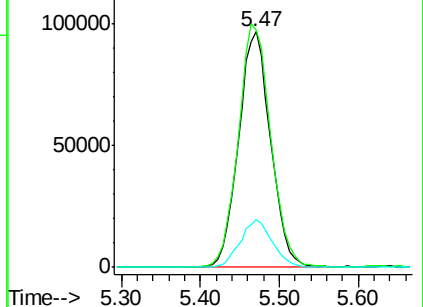
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Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 50.215 ug/l

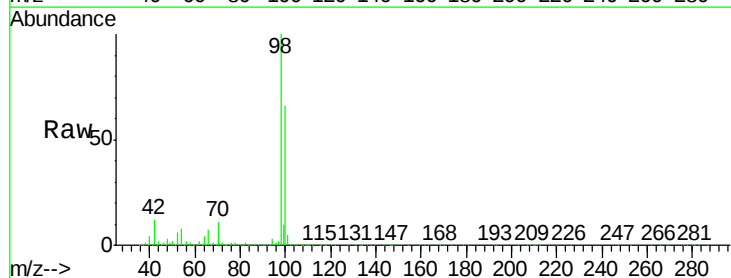
RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017542.D

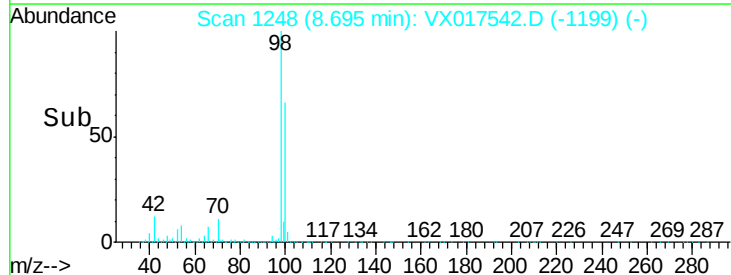
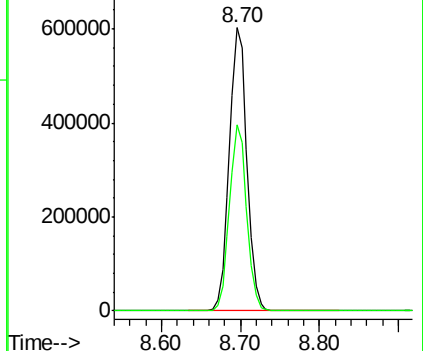
Acq: 24 Jul 2020 14:59

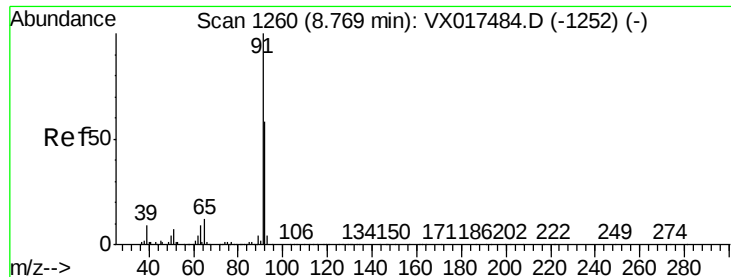
Tgt Ion:	98	Resp:	936861
Ion Ratio	Lower	Upper	
98	100		
100	64.3	52.3	78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 0.428 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017542.D

Acq: 24 Jul 2020 14:59

Instrument :

MSVOA_X

ClientSampled :

W-1

Tgt Ion: 92 Resp: 5836

Ion Ratio Lower Upper

92 100

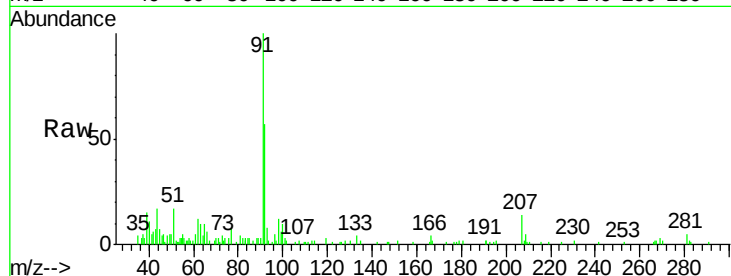
91 153.5 137.6 206.4

Manual Integrations

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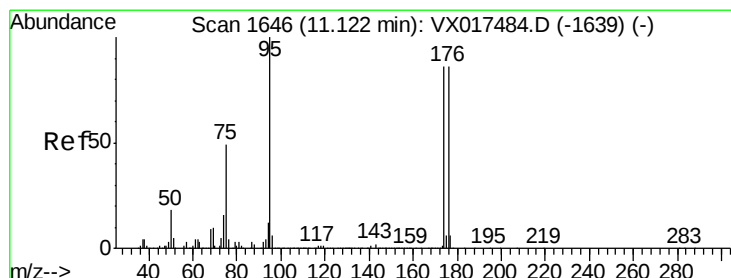
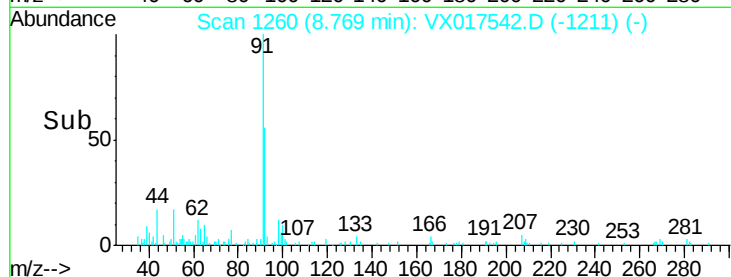
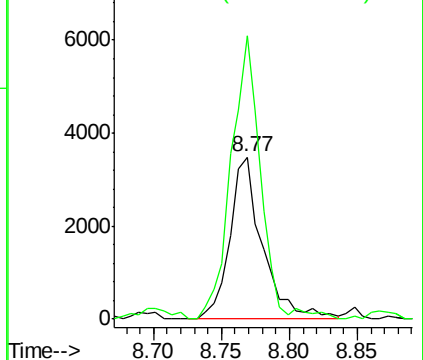
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Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 54.865 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017542.D

Acq: 24 Jul 2020 14:59

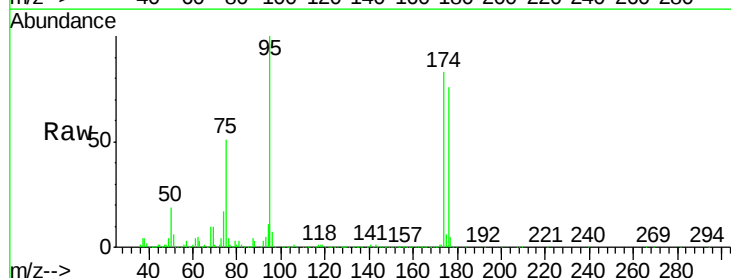
Tgt Ion: 95 Resp: 409659

Ion Ratio Lower Upper

95 100

174 84.8 0.0 169.0

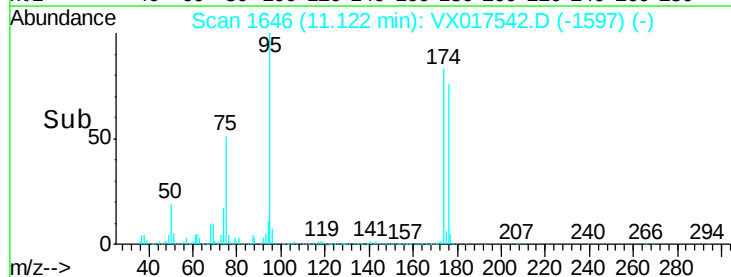
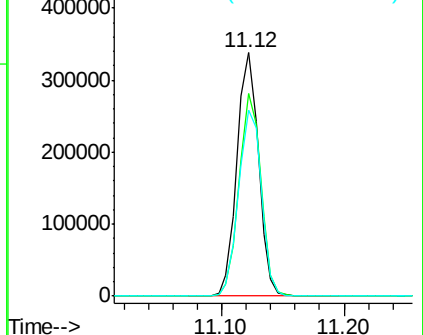
176 81.2 0.0 161.0

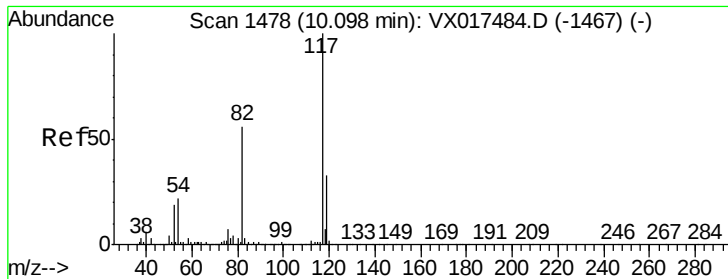


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





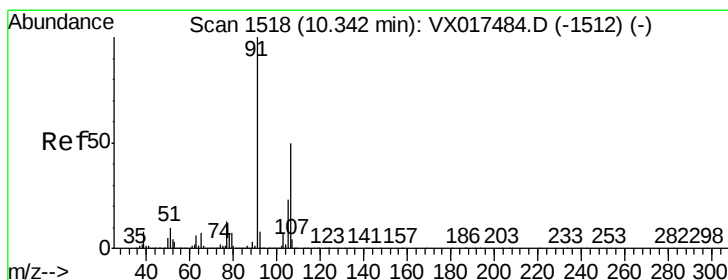
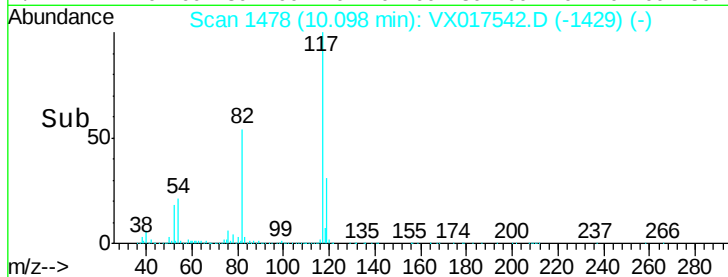
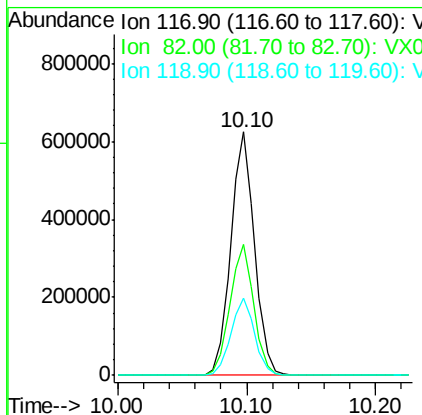
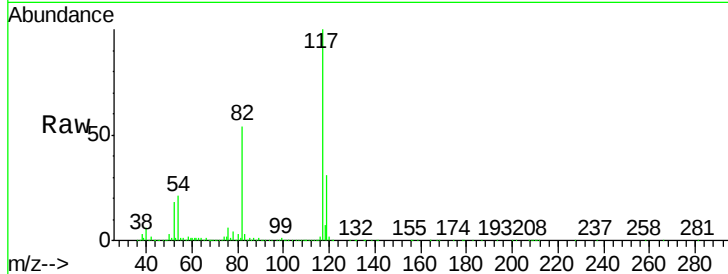
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017542.D
Acq: 24 Jul 2020 14:59

Instrument :
MSVOA_X
ClientSampleId :
W-1

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.7	44.0	66.0
119	31.5	25.4	38.0

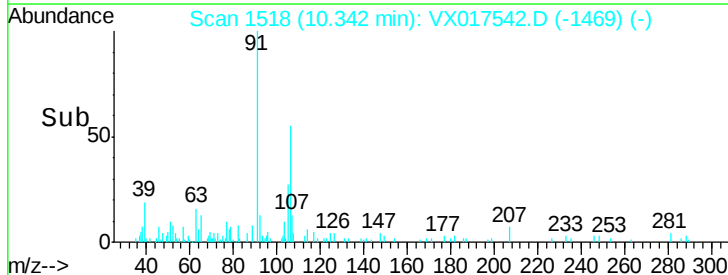
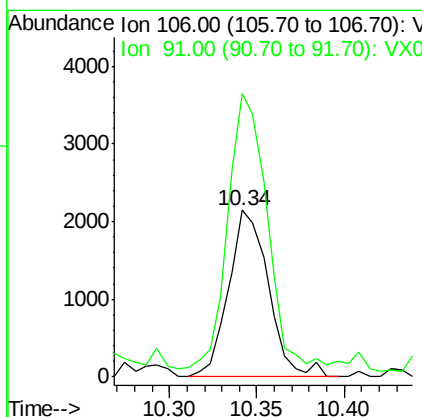
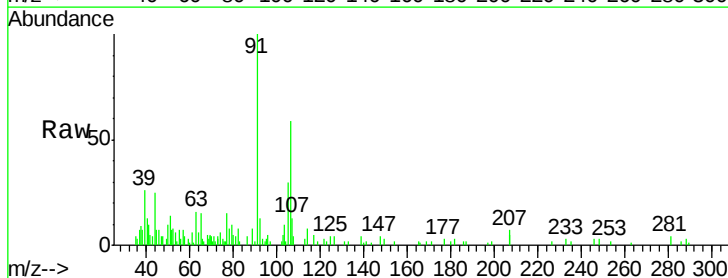
Manual Integrations
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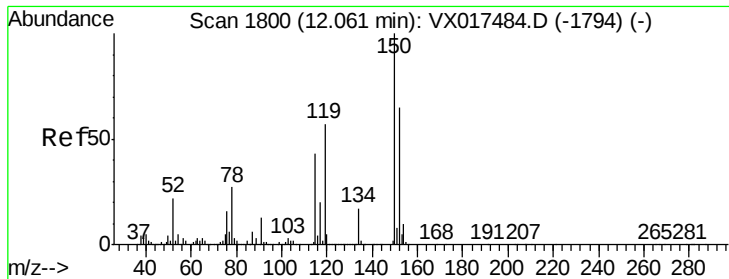
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#68
m/p-Xylenes
Concen: 0.304 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017542.D
Acq: 24 Jul 2020 14:59

Tgt Ion	Ratio	Lower	Upper
106	100		
91	161.1	160.9	241.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017542.D

Acq: 24 Jul 2020 14:59

Instrument :

MSVOA_X

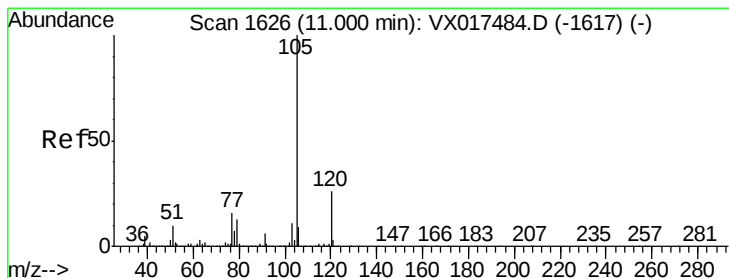
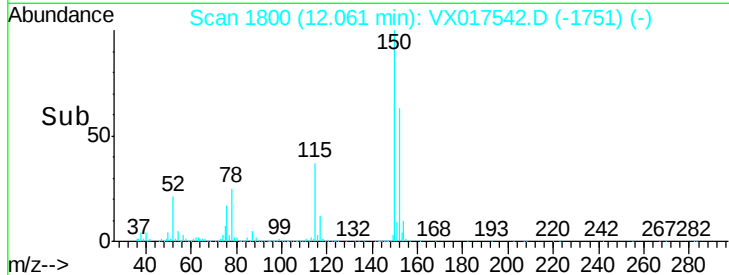
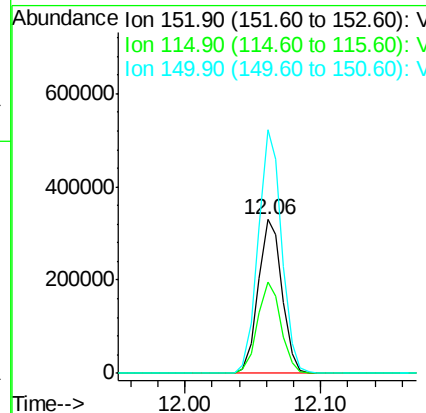
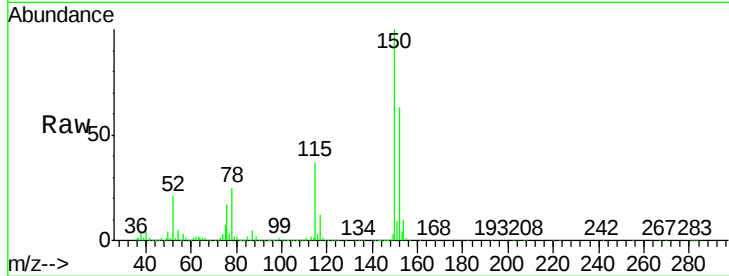
ClientSampleId :

W-1

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	406716		
115	58.3	65.5	196.6	#
150	155.8	0.0	412.6	

Manual Integrations
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#73

Isopropylbenzene

Concen: 0.358 ug/l

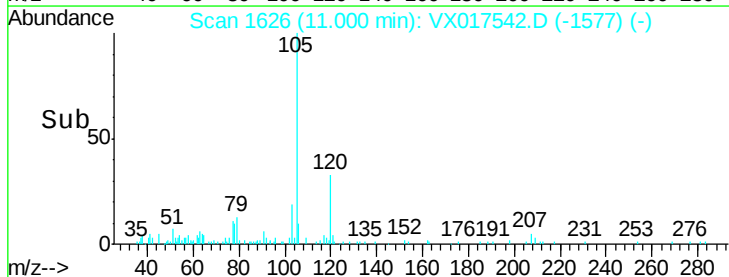
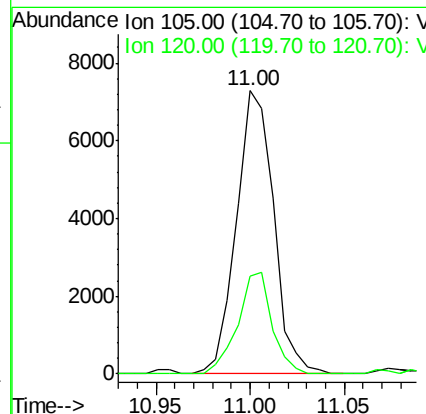
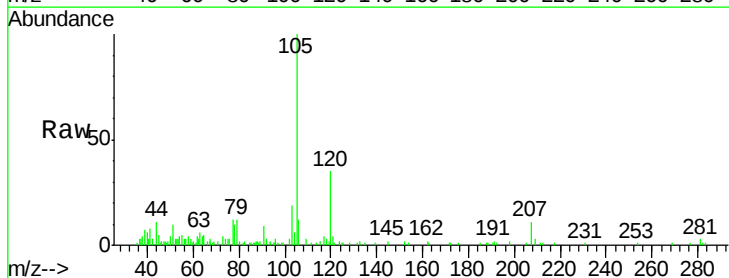
RT: 11.00 min Scan# 1626

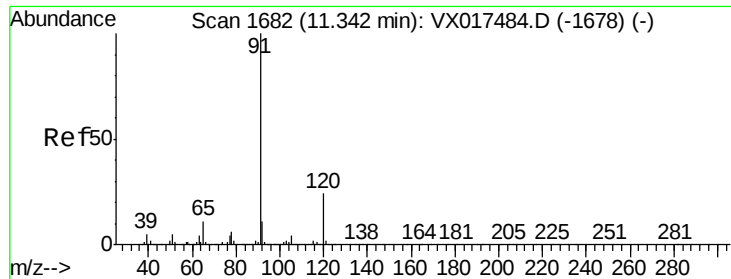
Delta R.T. -0.00 min

Lab File: VX017542.D

Acq: 24 Jul 2020 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	9999		
120	32.9	13.3	39.8	





#78

n-propylbenzene

Concen: 0.599 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX017542.D

Acq: 24 Jul 2020 14:59

Instrument :

MSVOA_X

ClientSampleId :

W-1

Tgt Ion: 91 Resp: 18843

Ion Ratio Lower Upper

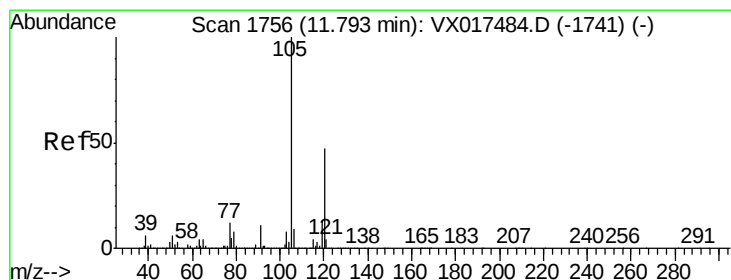
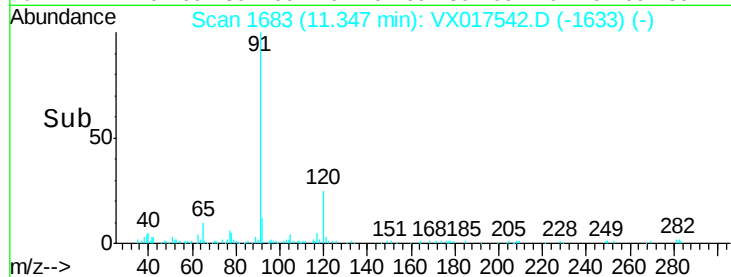
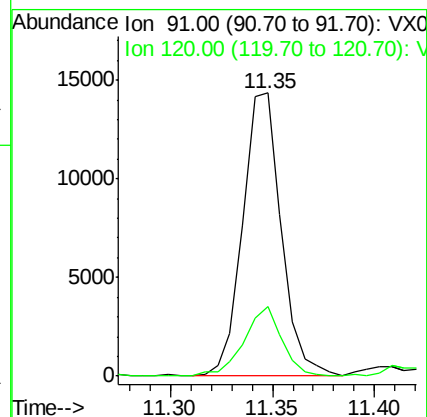
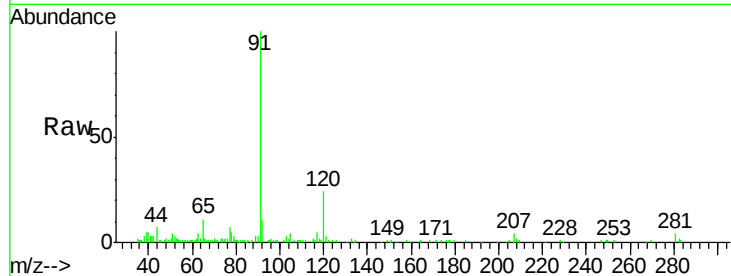
91 100

120 23.9 12.2 36.4

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 1.419 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017542.D

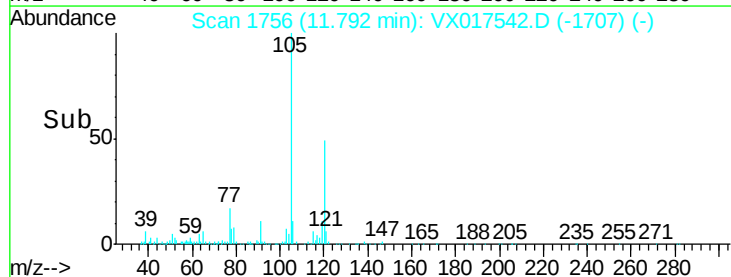
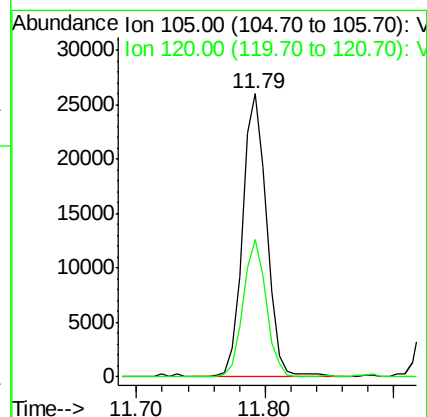
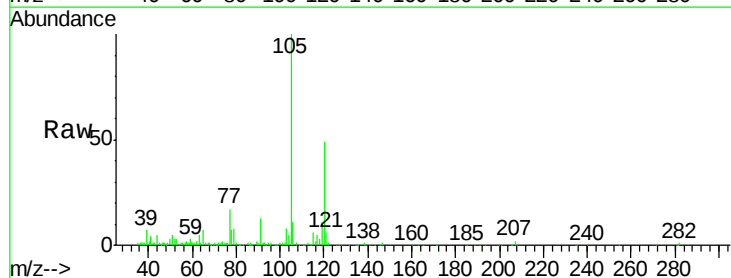
Acq: 24 Jul 2020 14:59

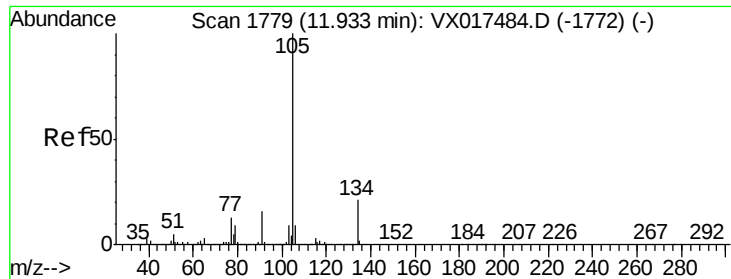
Tgt Ion: 105 Resp: 33622

Ion Ratio Lower Upper

105 100

120 47.2 22.7 68.0





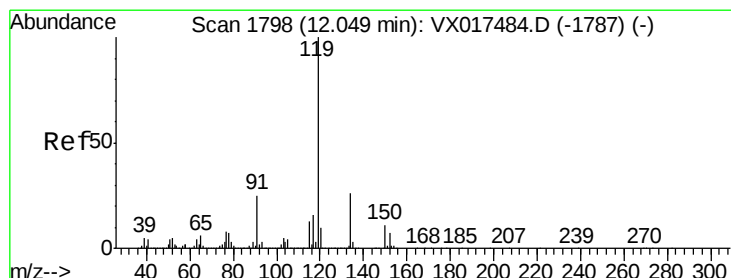
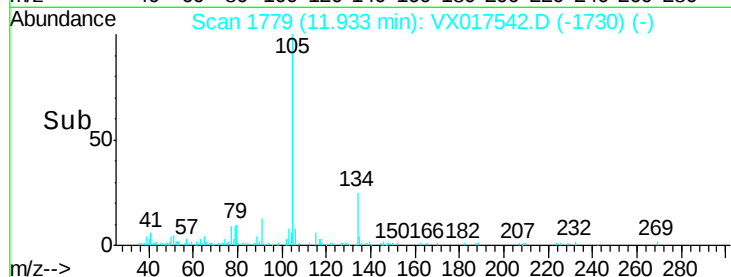
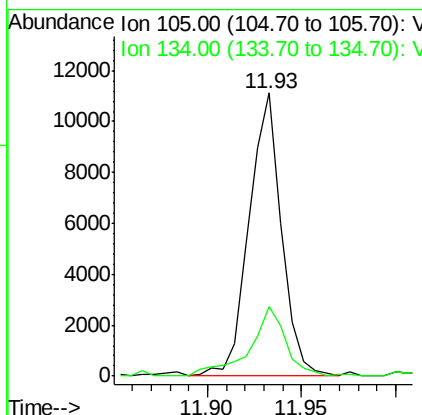
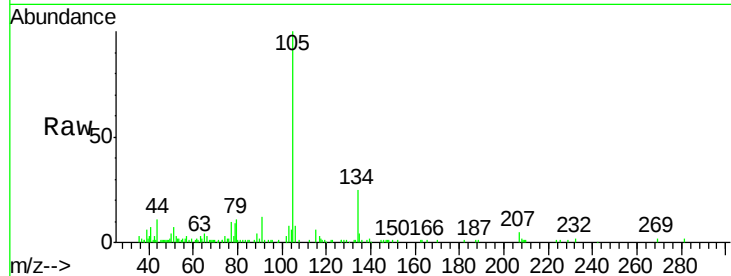
#85
 sec-Butylbenzene
 Concen: 0.499 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017542.D
 Acq: 24 Jul 2020 14:59

Instrument :
 MSVOA_X
 ClientSampleId :
 W-1

Tgt Ion	Ratio	Lower	Upper
105	100		
134	27.7	10.4	31.2

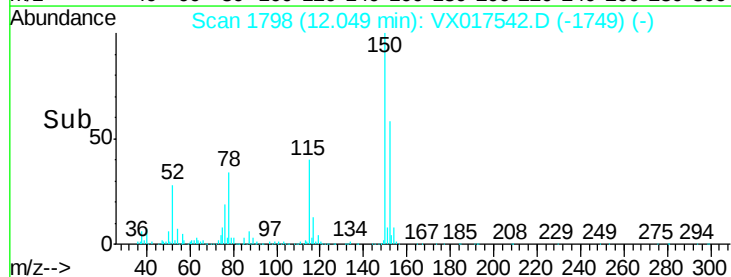
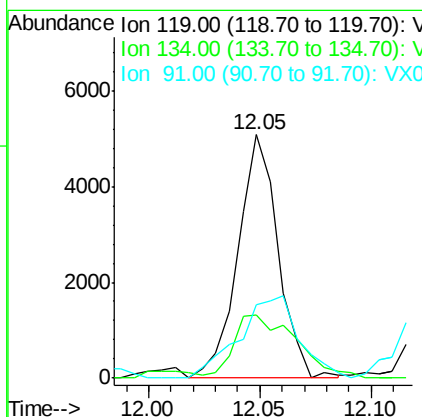
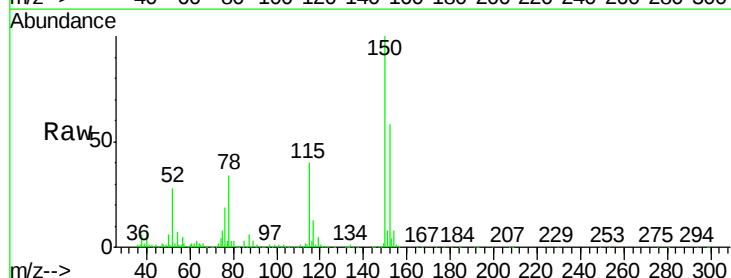
Manual Integrations
 APPROVED

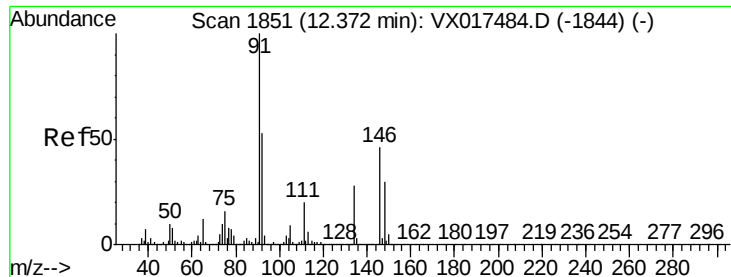
MMDadoda
 7/27/2020 11:03:44 AM



#86
 p-Isopropyltoluene
 Concen: 0.253 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017542.D
 Acq: 24 Jul 2020 14:59

Tgt Ion	Ratio	Lower	Upper
119	100		
134	40.1	13.1	39.3#
91	50.0	12.1	36.3#





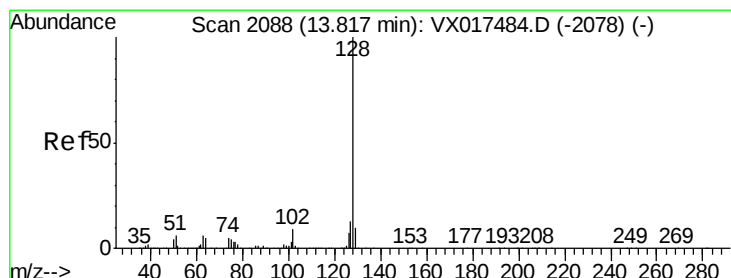
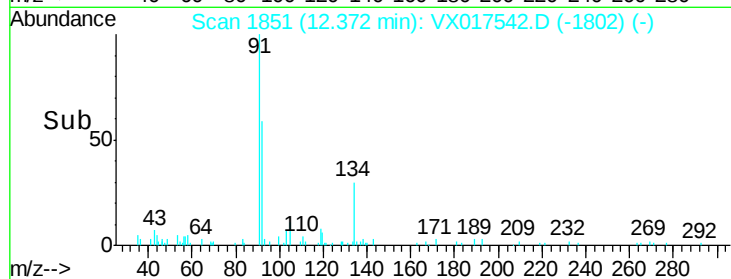
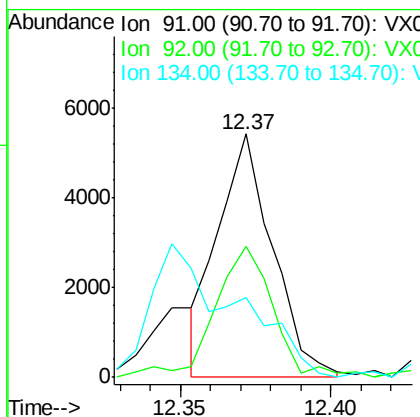
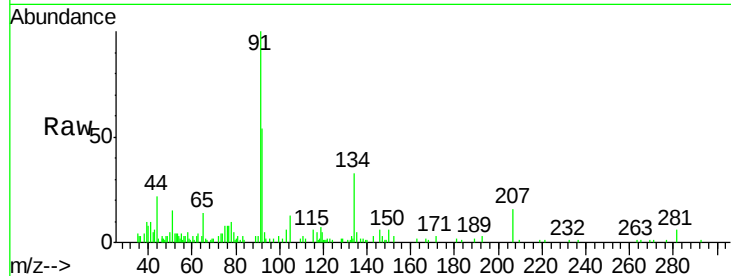
#89
n-Butylbenzene
Concen: 0.305 ug/l m
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017542.D
Acq: 24 Jul 2020 14:59

Instrument :
MSVOA_X
ClientSampled :
W-1

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.8	26.7	80.1
134	0.0	13.6	40.7#

Manual Integrations
APPROVED

MMDadoda
7/27/2020 11:03:44 AM



#95
Naphthalene
Concen: 1.266 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017542.D
Acq: 24 Jul 2020 14:59

Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.0	10.4	15.6
129	13.6	8.9	13.3#

