

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111418\
 Data File : VX005976.D
 Acq On : 14 Nov 2018 16:09
 Operator : JC/MD
 Sample : J5925-05
 Misc : 17.71g/5ml/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1D1

Manual Integrations
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 11/15/2018 1:05:11 PM

Quant Time: Nov 15 12:04:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	110926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	165033	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	160809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	87606	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	67424	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
35) Dibromofluoromethane	5.51	113	52256	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
50) Toluene-d8	8.71	98	203488	54.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.06%	
62) 4-Bromofluorobenzene	11.14	95	81572	60.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.60%	
Target Compounds						
39) Methylcyclohexane	7.45	83	7770	4.82	ug/l	93
73) Isopropylbenzene	11.02	105	30987	6.12	ug/l	98
78) n-propylbenzene	11.36	91	59569	9.98	ug/l	99
83) tert-Butylbenzene	11.77	119	5848	1.34	ug/l	87
84) 1,2,4-Trimethylbenzene	11.81	105	2732m	0.46	ug/l	
85) sec-Butylbenzene	11.94	105	98359	18.47	ug/l	90
89) n-Butylbenzene	12.39	91	64543	14.76	ug/l #	85

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

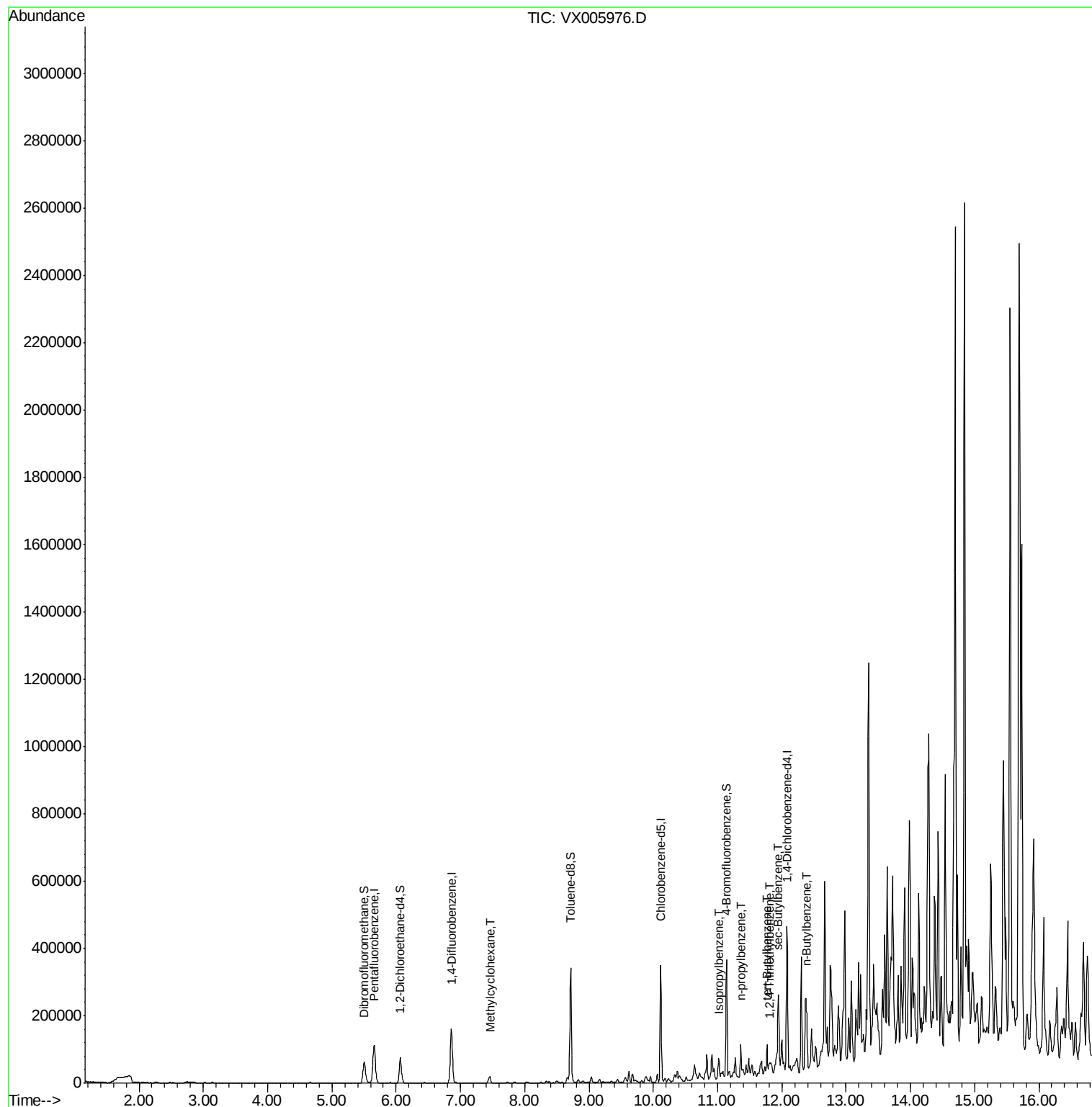
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX111418\
Data File : VX005976.D
Acq On : 14 Nov 2018 16:09
Operator : JC/MD
Sample : J5925-05
Misc : 17.71g/5ml/100ul/5.00mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

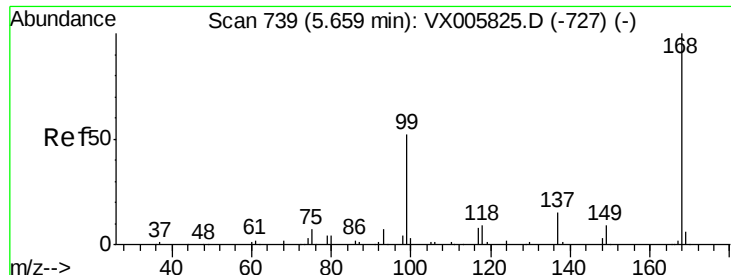
Instrument :
MSVOA_X
ClientSampleId :
TP-1D1

Manual Integrations
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Quant Time: Nov 15 12:04:27 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX005976.D

Acq: 14 Nov 2018 16:09

Instrument :

MSVOA_X

ClientSampled :

TP-1D1

Tgt Ion:168 Resp: 110926

Ion Ratio Lower Upper

168 100

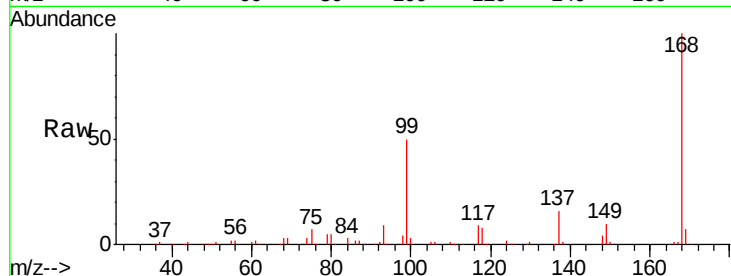
99 49.8 40.7 61.1

Manual Integrations

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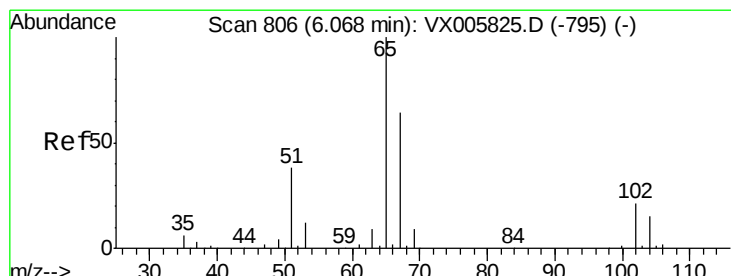
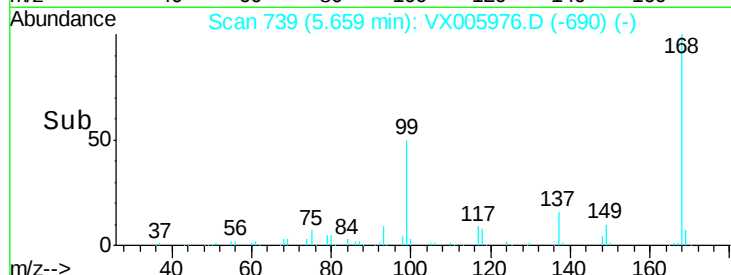
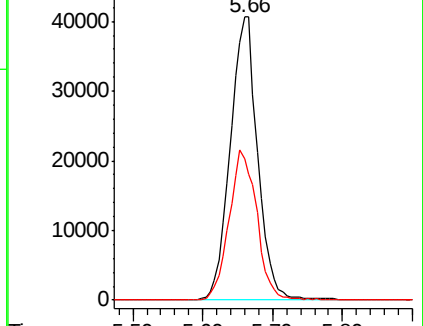
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.87 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005976.D

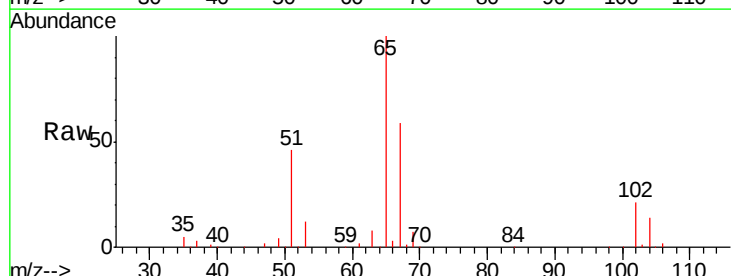
Acq: 14 Nov 2018 16:09

Tgt Ion: 65 Resp: 67424

Ion Ratio Lower Upper

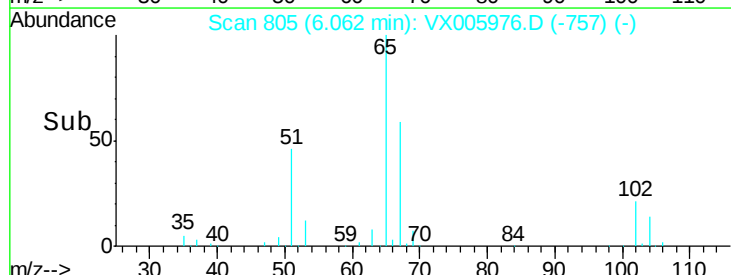
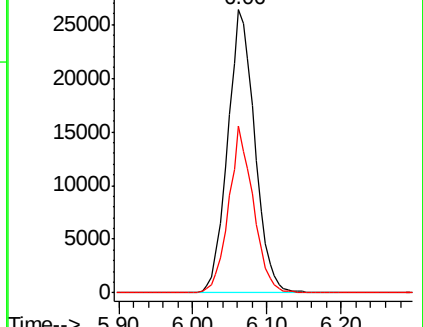
65 100

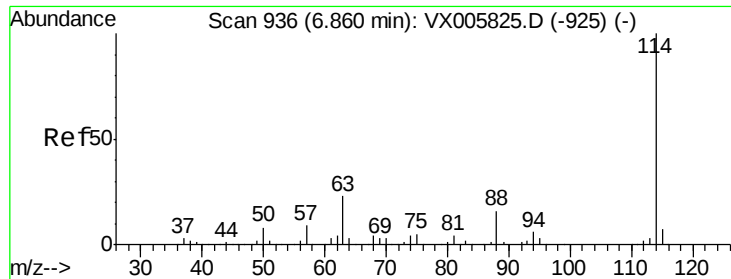
67 53.6 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





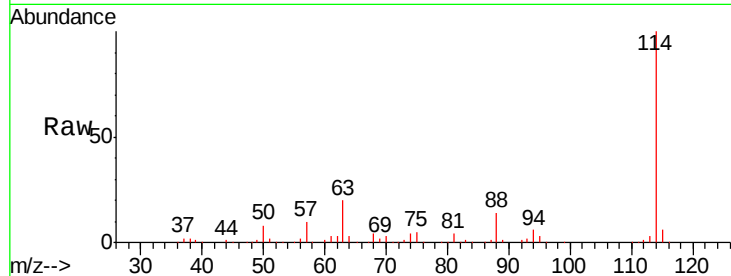
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005976.D
 Acq: 14 Nov 2018 16:09

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1D1

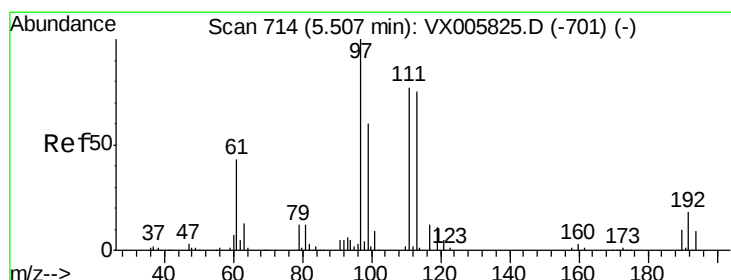
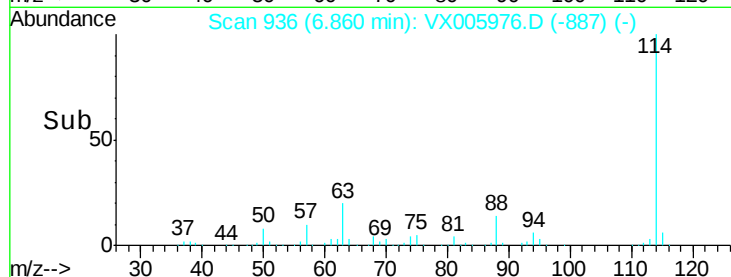
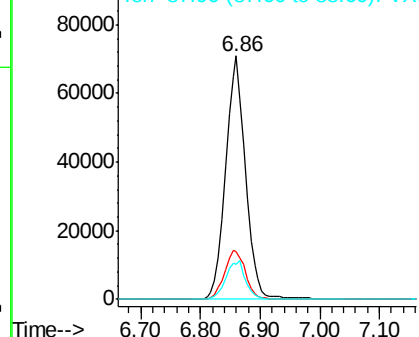
Tgt Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	19.8	0.0	42.8
88	14.4	0.0	31.2

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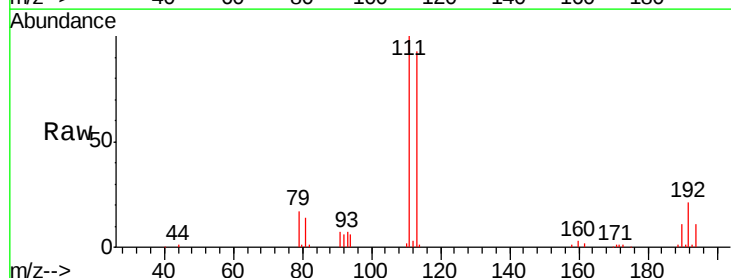


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

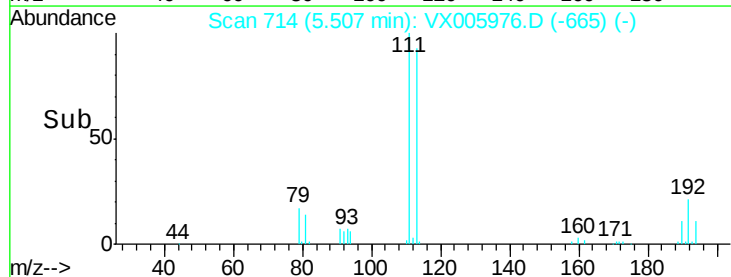
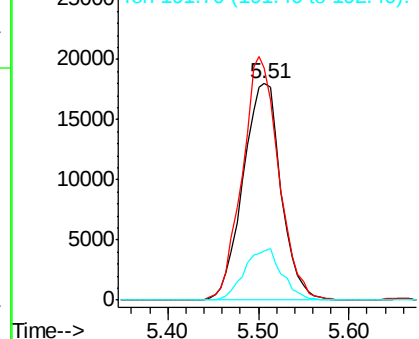


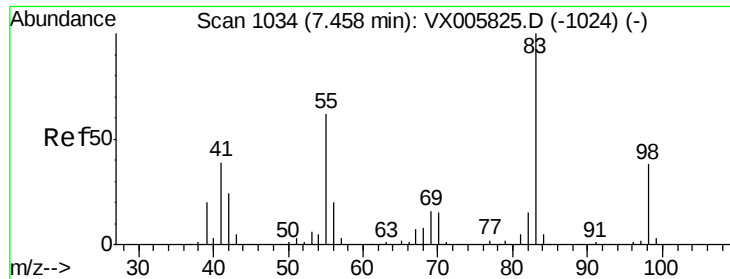
#35
 Dibromofluoromethane
 Concen: 46.55 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: VX005976.D
 Acq: 14 Nov 2018 16:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
113	100		
111	107.6	82.3	123.5
192	23.3	17.9	26.9



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





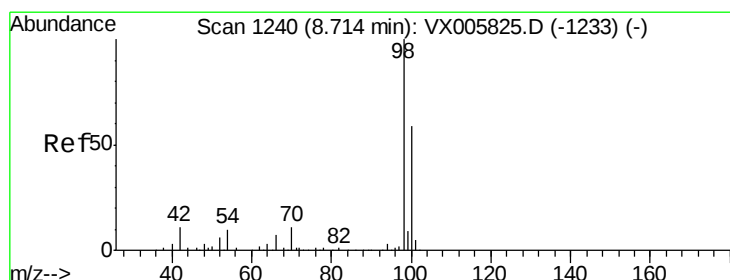
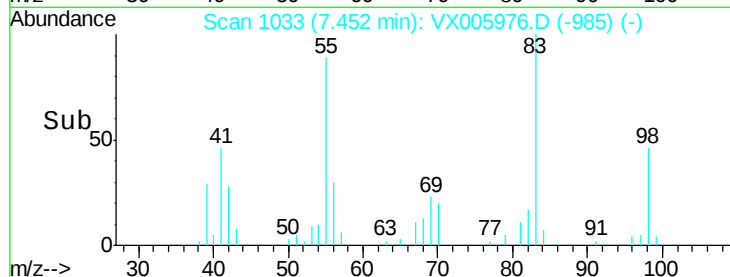
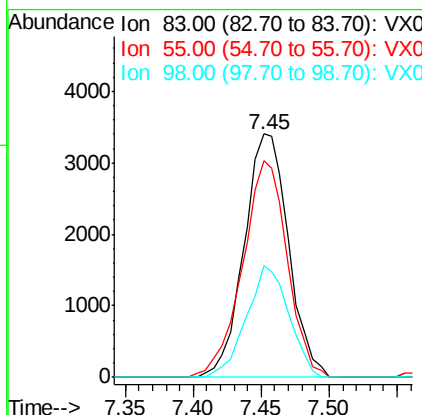
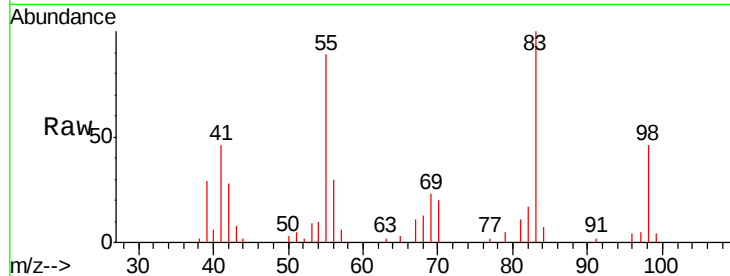
#39
Methylcyclohexane
Concen: 4.82 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX005976.D
Acq: 14 Nov 2018 16:09

Instrument :
MSVOA_X
ClientSampled :
TP-1D1

Tgt Ion: 83 Resp: 7770
Ion Ratio Lower Upper
83 100
55 88.8 63.7 95.5
98 45.7 36.2 54.2

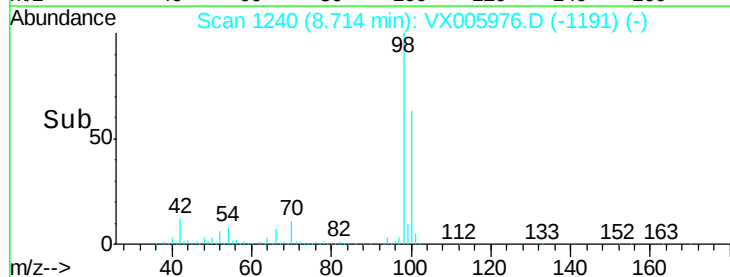
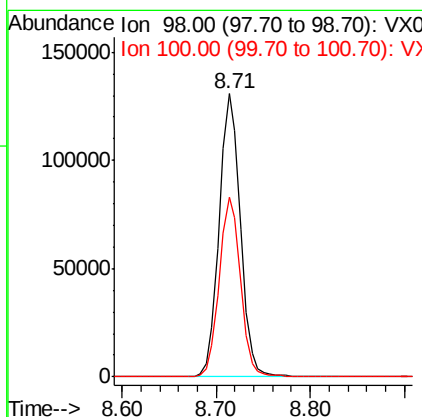
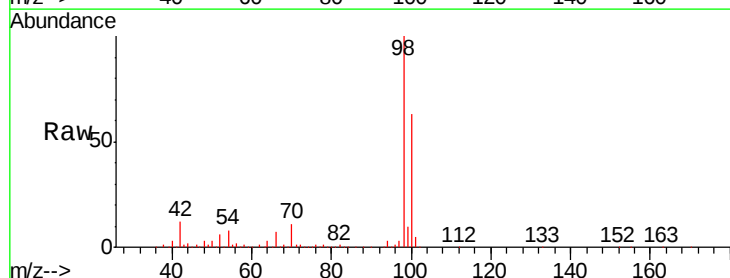
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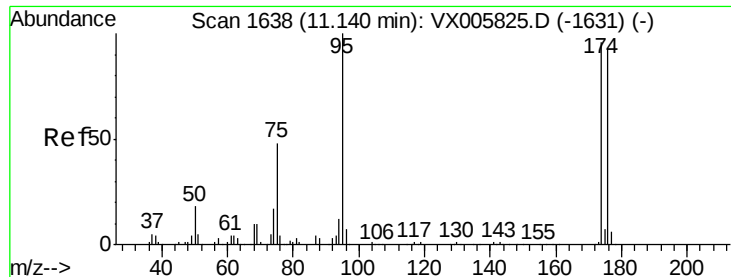
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#50
Toluene-d8
Concen: 54.53 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005976.D
Acq: 14 Nov 2018 16:09

Tgt Ion: 98 Resp: 203488
Ion Ratio Lower Upper
98 100
100 64.0 51.3 76.9





#62

4-Bromofluorobenzene

Concen: 60.80 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005976.D

Acq: 14 Nov 2018 16:09

Instrument :

MSVOA_X

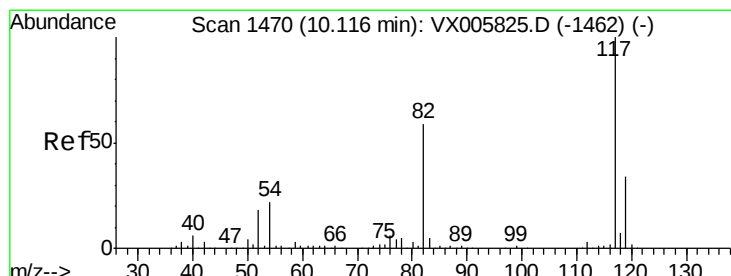
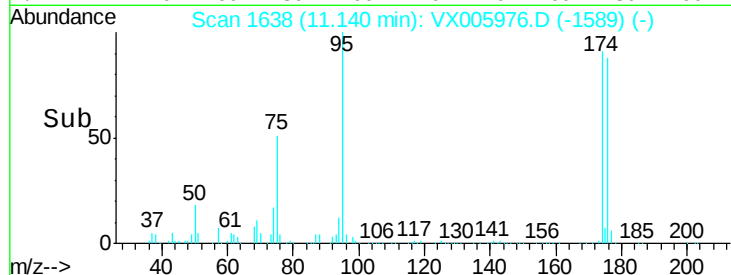
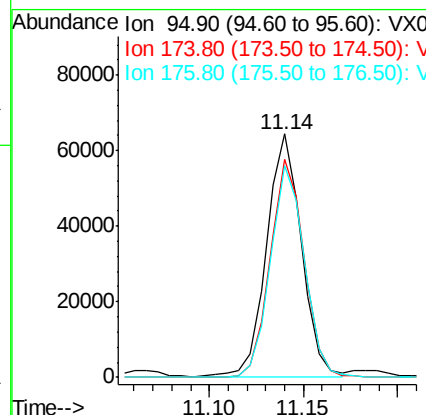
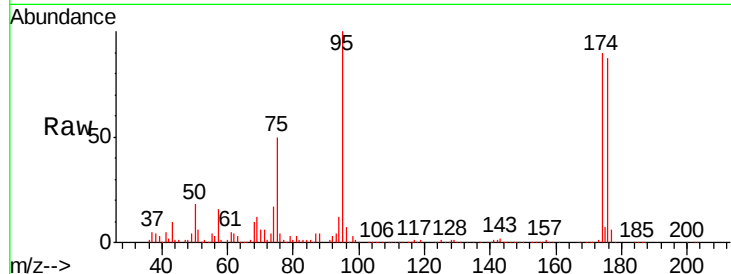
ClientSampleId :

TP-1D1

Tgt Ion:	95	Resp:	81572
Ion Ratio	Lower	Upper	
95	100		
174	88.6	0.0	184.4
176	86.0	0.0	177.4

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

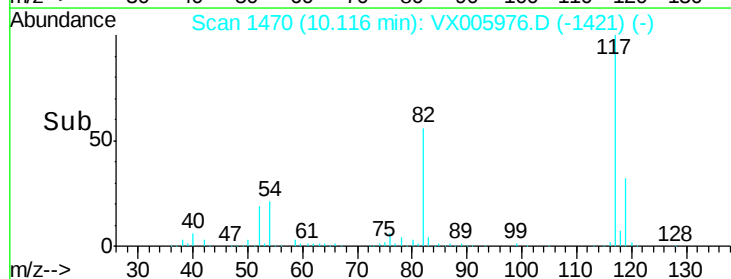
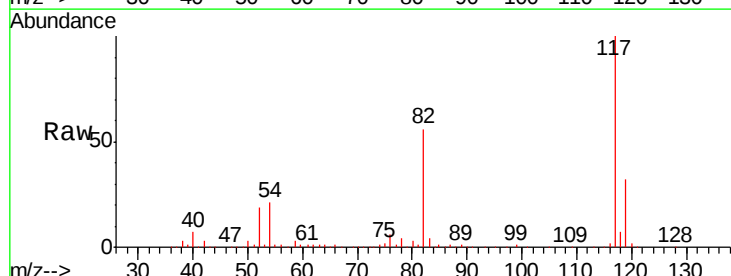
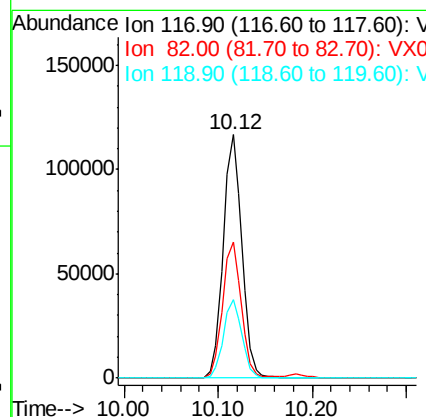
RT: 10.12 min Scan# 1470

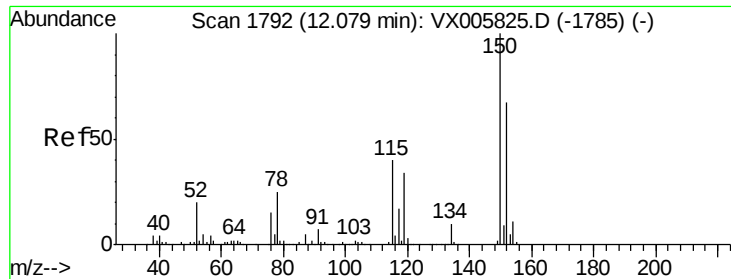
Delta R.T. -0.00 min

Lab File: VX005976.D

Acq: 14 Nov 2018 16:09

Tgt Ion:	117	Resp:	160809
Ion Ratio	Lower	Upper	
117	100		
82	55.7	44.1	66.1
119	32.4	26.2	39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005976.D

Acq: 14 Nov 2018 16:09

Instrument :

MSVOA_X

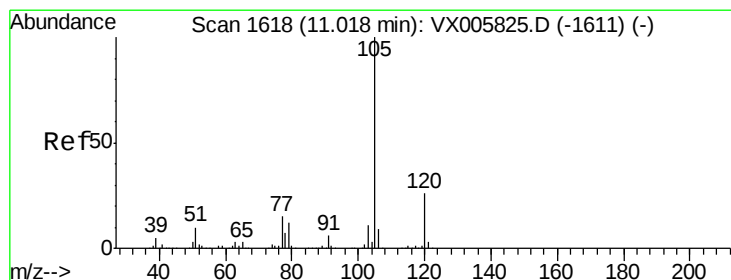
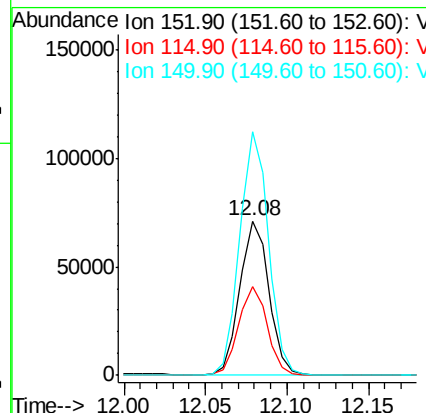
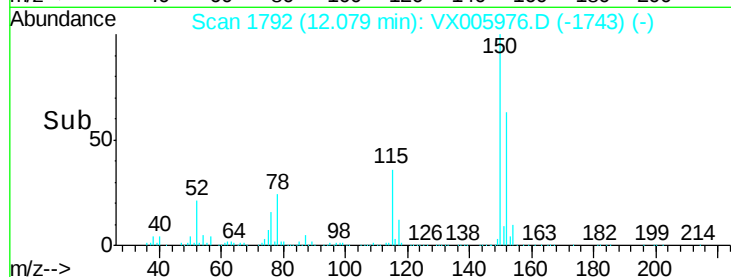
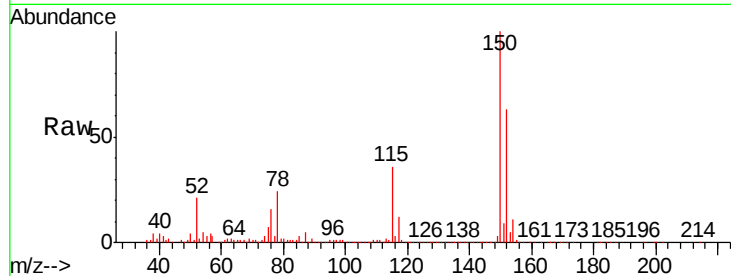
ClientSampleId :

TP-1D1

Tgt Ion:	152	Resp:	87606
Ion Ratio	Lower	Upper	
152	100		
115	56.2	39.4	118.1
150	158.3	0.0	346.4

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#73

Isopropylbenzene

Concen: 6.12 ug/l

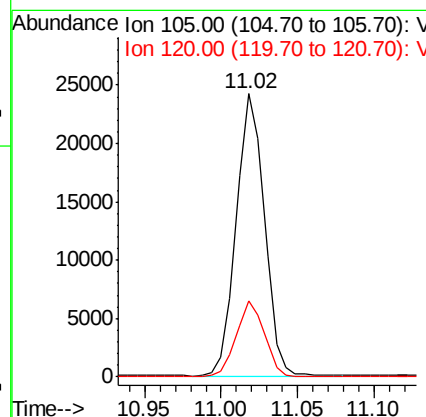
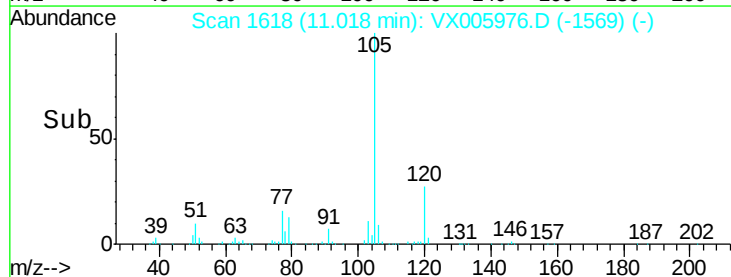
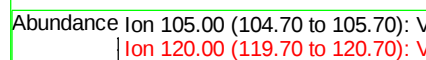
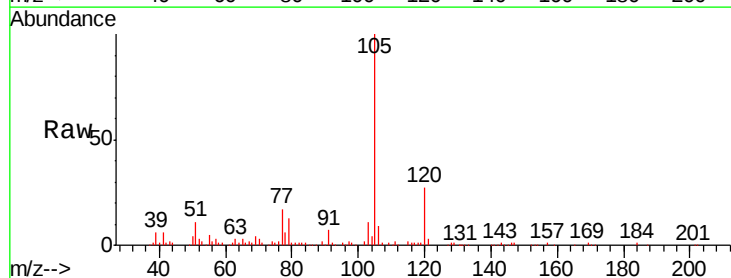
RT: 11.02 min Scan# 1618

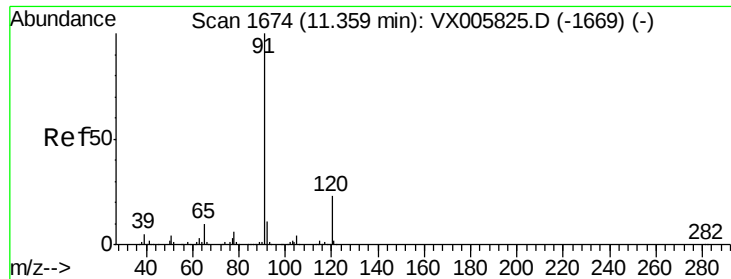
Delta R.T. 0.00 min

Lab File: VX005976.D

Acq: 14 Nov 2018 16:09

Tgt Ion:	105	Resp:	30987
Ion Ratio	Lower	Upper	
105	100		
120	27.1	13.1	39.3





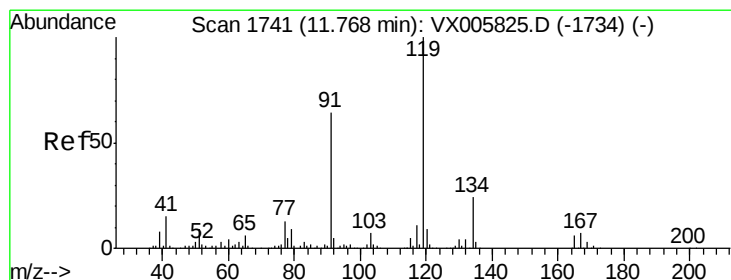
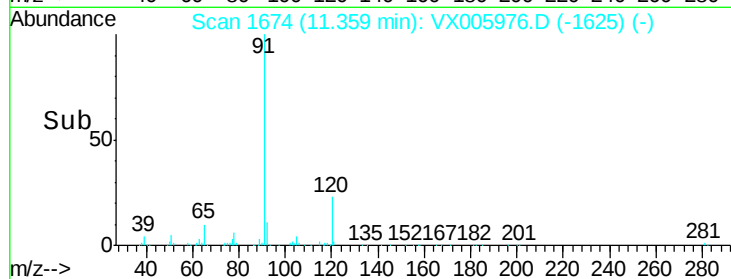
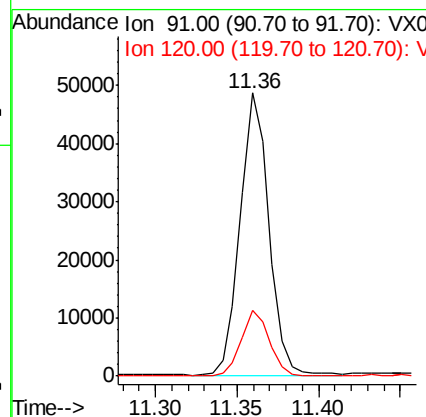
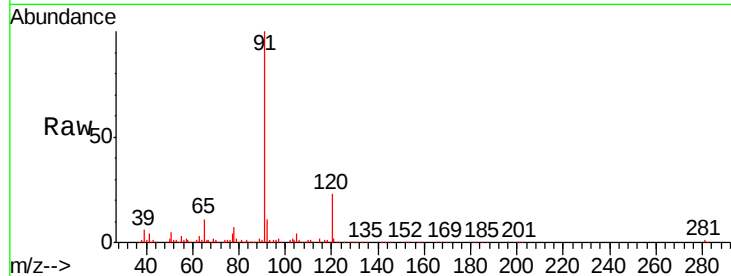
#78
n-propylbenzene
Concen: 9.98 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX005976.D
Acq: 14 Nov 2018 16:09

Instrument :
MSVOA_X
ClientSampled :
TP-1D1

Tgt Ion: 91 Resp: 59569
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.5

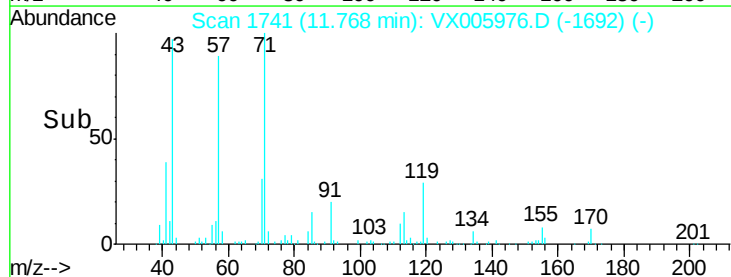
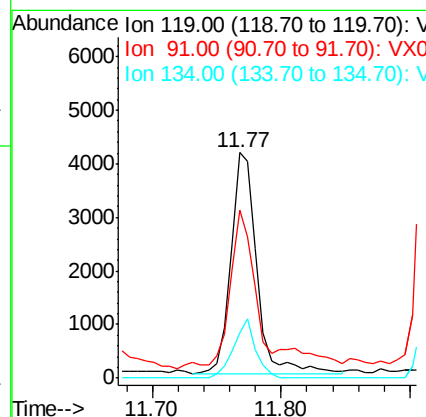
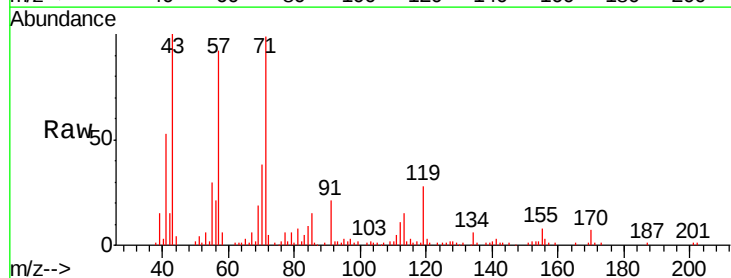
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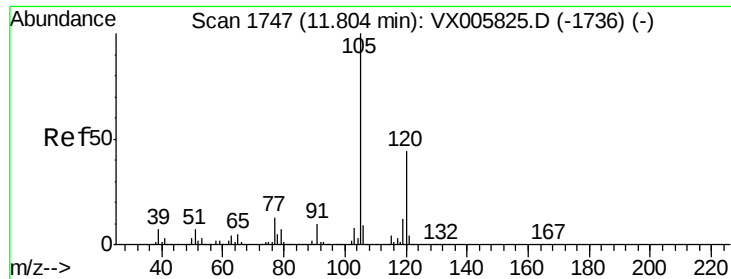
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#83
tert-Butylbenzene
Concen: 1.34 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX005976.D
Acq: 14 Nov 2018 16:09

Tgt Ion: 119 Resp: 5848
Ion Ratio Lower Upper
119 100
91 70.4 28.5 85.5
134 22.8 11.3 33.8





#84

1,2,4-Trimethylbenzene

Concen: 0.46 ug/l m

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX005976.D

Acq: 14 Nov 2018 16:09

Instrument :

MSVOA_X

ClientSampled :

TP-1D1

Tgt Ion:105 Resp: 2732

Ion Ratio Lower Upper

105 100

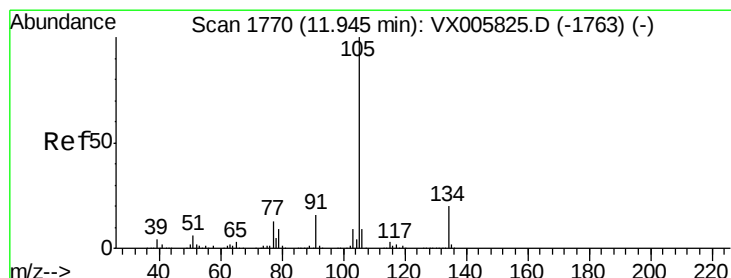
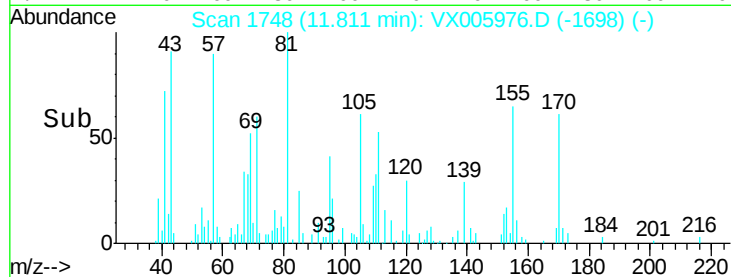
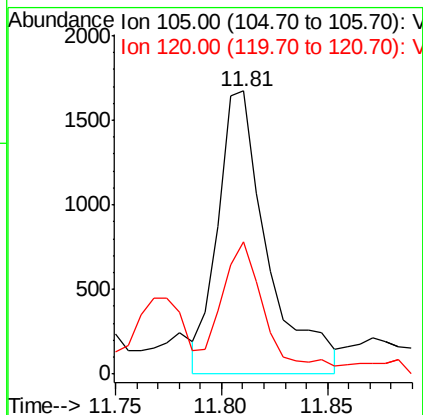
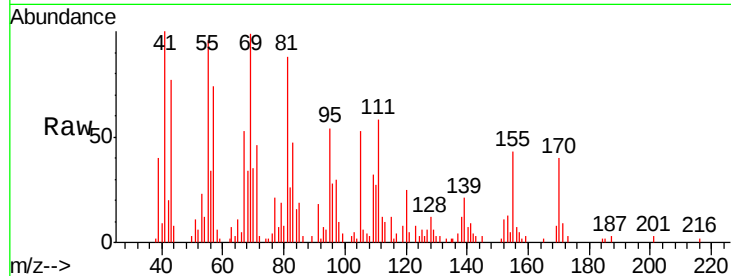
120 14.0 22.4 67.0#

Manual Integrations

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#85

sec-Butylbenzene

Concen: 18.47 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX005976.D

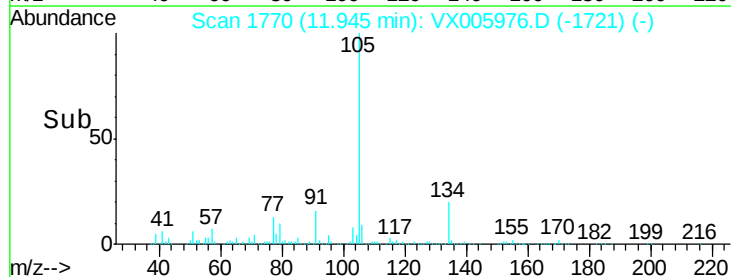
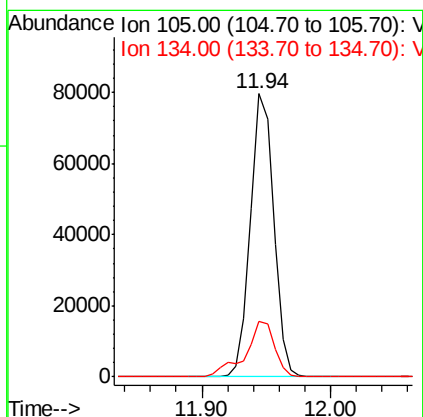
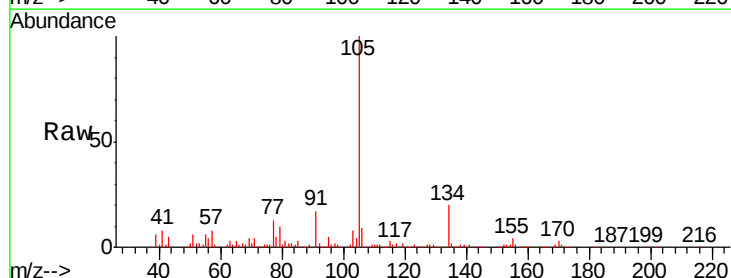
Acq: 14 Nov 2018 16:09

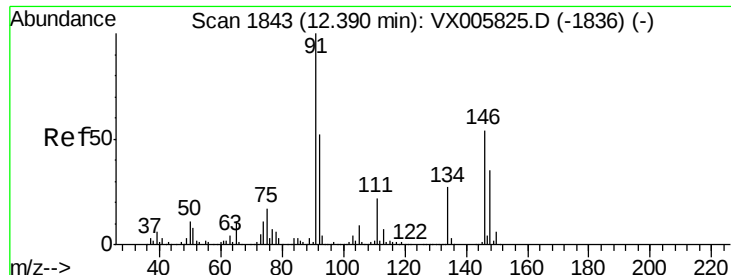
Tgt Ion:105 Resp: 98359

Ion Ratio Lower Upper

105 100

134 24.8 10.2 30.4





#89
 n-Butylbenzene
 Concen: 14.76 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005976.D
 Acq: 14 Nov 2018 16:09

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1D1

Tgt Ion	Ratio	Lower	Upper
91	100		
92	47.1	26.1	78.2
134	41.3	13.1	39.3

Manual Integrations
 APPROVED

MMDadoda
 11/15/2018 1:05:11 PM

