

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081619\
 Data File : VX011580.D
 Acq On : 16 Aug 2019 14:50
 Operator : JC/SP
 Sample : K4368-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0134

Manual Integrations
 APPROVED

MMDadoda
 8/19/2019 10:30:15 AM

Quant Time: Aug 19 02:00:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	433637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	598646	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	532060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	266513	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	207356	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
35) Dibromofluoromethane	5.49	113	178562	45.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.20%	
50) Toluene-d8	8.71	98	684993	56.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.30%	
62) 4-Bromofluorobenzene	11.13	95	241314	46.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.72%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.57	56	7490	1.256	ug/l	95
39) Methylcyclohexane	7.46	83	16219	2.566	ug/l #	74
67) Ethyl Benzene	10.25	91	885762	46.768	ug/l	99
73) Isopropylbenzene	11.02	105	193093	11.166	ug/l	99
78) n-propylbenzene	11.36	91	111454	5.977	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	4291	0.294	ug/l	93
85) sec-Butylbenzene	11.94	105	14854	0.890	ug/l	81

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

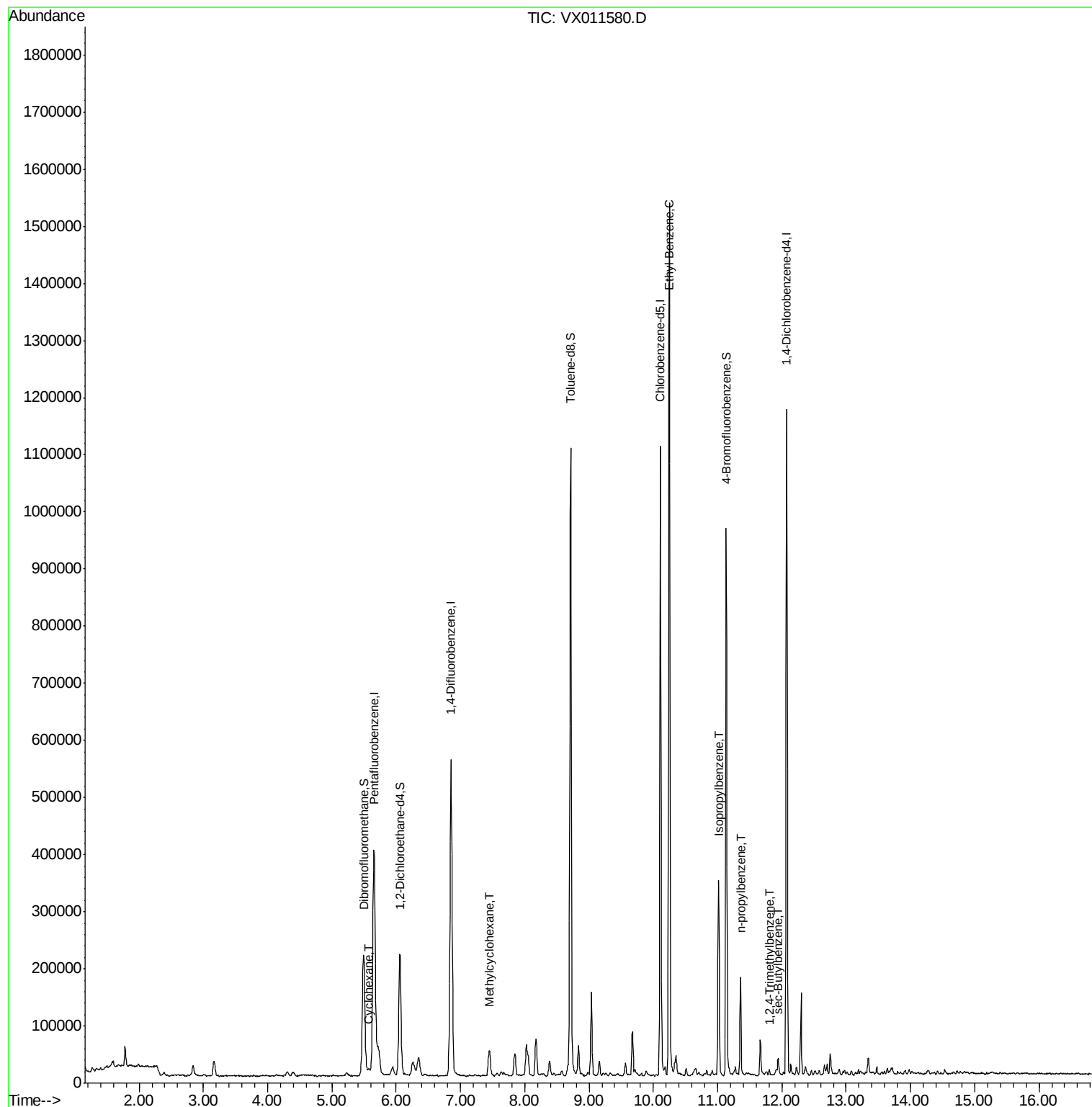
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081619\
Data File : VX011580.D
Acq On : 16 Aug 2019 14:50
Operator : JC/SP
Sample : K4368-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

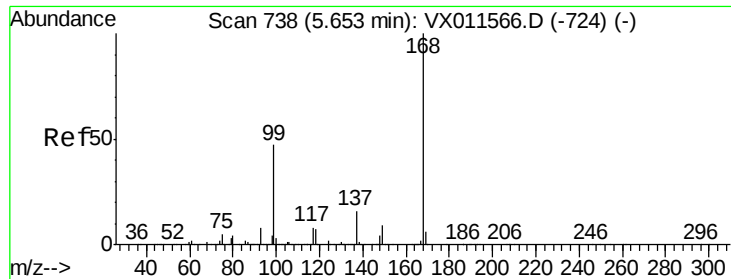
Instrument :
MSVOA_X
ClientSampleId :
PH2-0134

Manual Integrations
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8/19/2019 10:30:15 AM

Quant Time: Aug 19 02:00:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration





#1

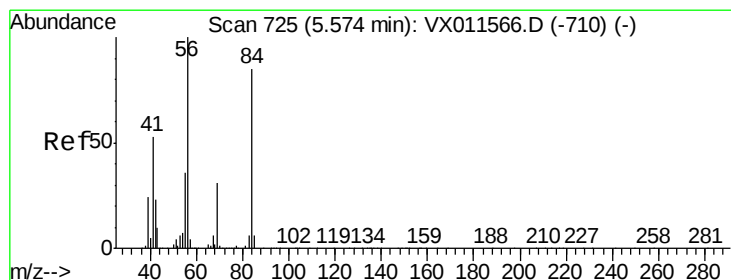
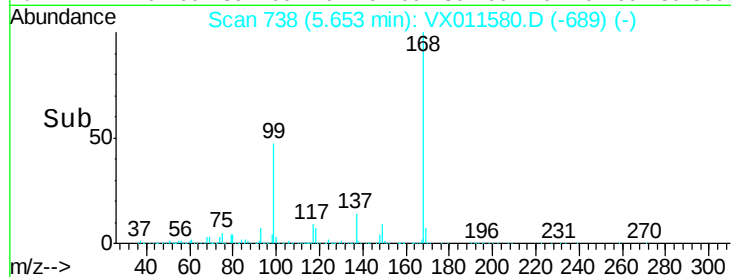
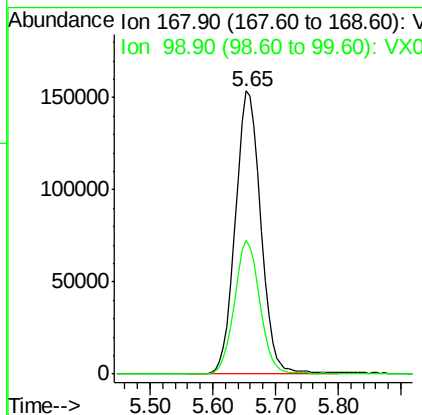
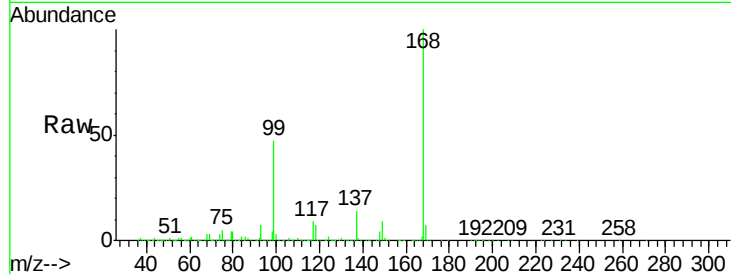
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: VX011580.D
 Acq: 16 Aug 2019 14:50

Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0134

Tot Ion	Ratio	Resp	Lower	Upper
168	100	433637		
99	47.0	37.3	55.9	

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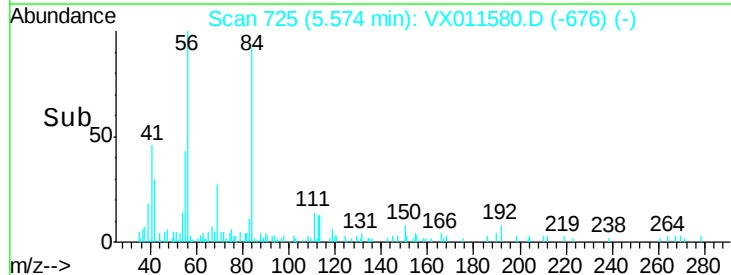
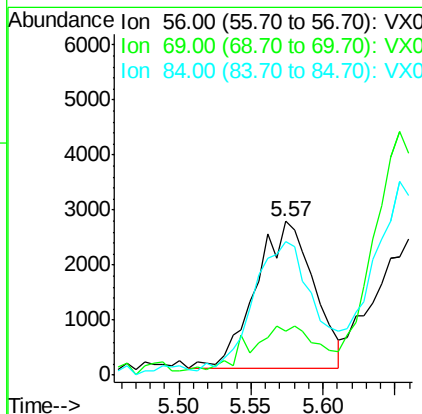
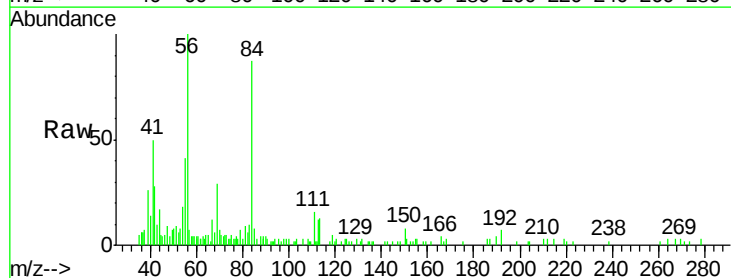
MMDadoda
 8/19/2019 10:30:15 AM

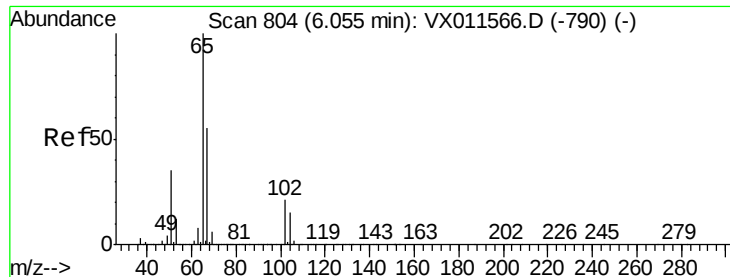


#31

Cyclohexane
 Concen: 1.256 ug/l
 RT: 5.57 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: VX011580.D
 Acq: 16 Aug 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
56	100	7490		
69	25.8	24.8	37.2	
84	87.5	67.9	101.9	





#33

1,2-Dichloroethane-d4

Concen: 51.563 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011580.D

Acq: 16 Aug 2019 14:50

Instrument :

MSVOA_X

ClientSampleId :

PH2-0134

Tot Ion: 65 Resp: 207356

Ion Ratio Lower Upper

65 100

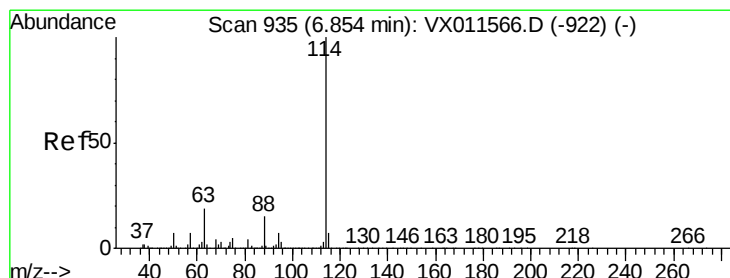
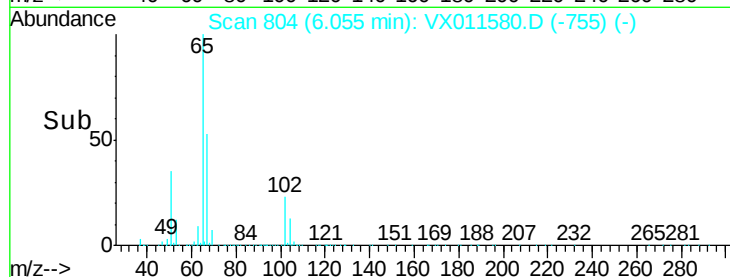
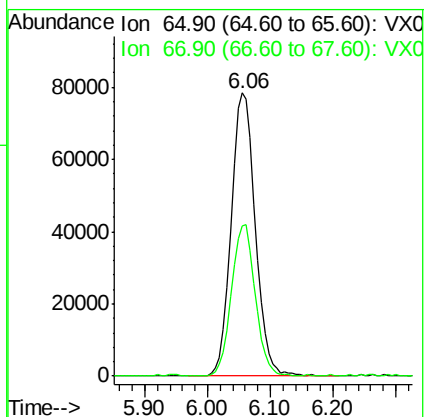
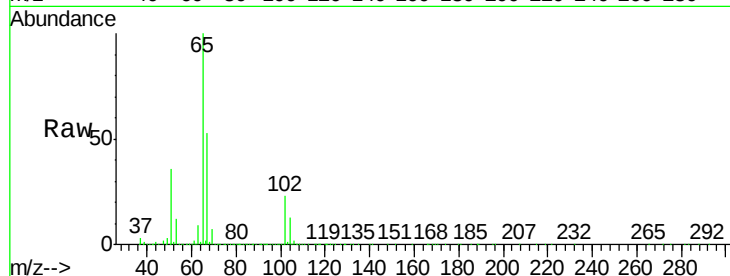
67 53.0 0.0 107.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011580.D

Acq: 16 Aug 2019 14:50

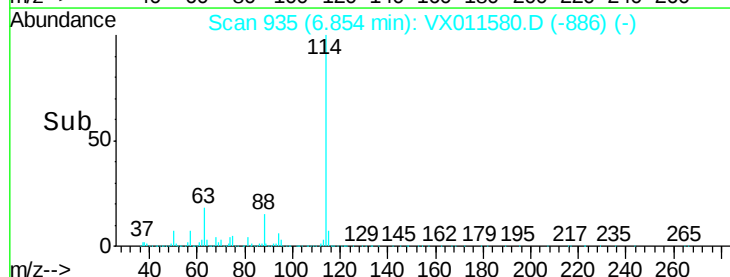
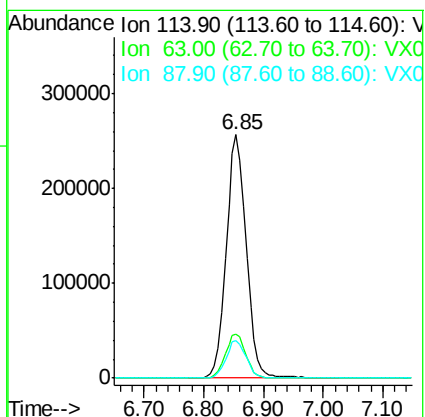
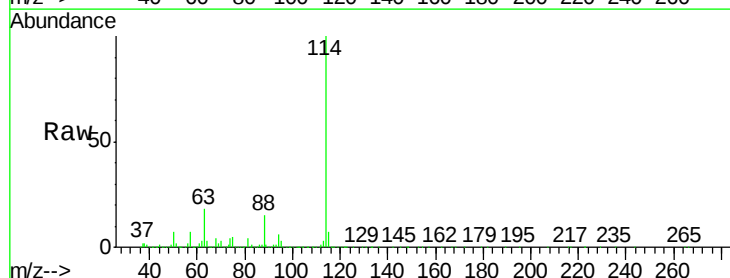
Tgt Ion: 114 Resp: 598646

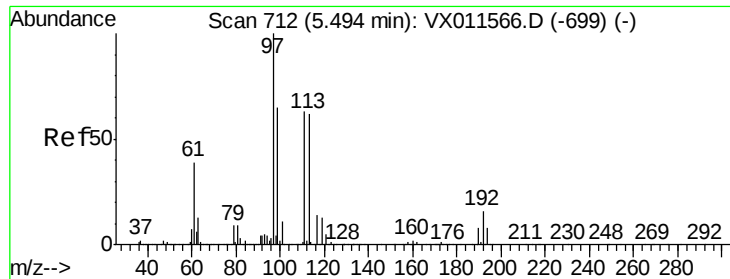
Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.8

88 15.2 0.0 30.2





#35

Dibromofluoromethane

Concen: 45.604 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011580.D

Acq: 16 Aug 2019 14:50

Instrument :

MSVOA_X

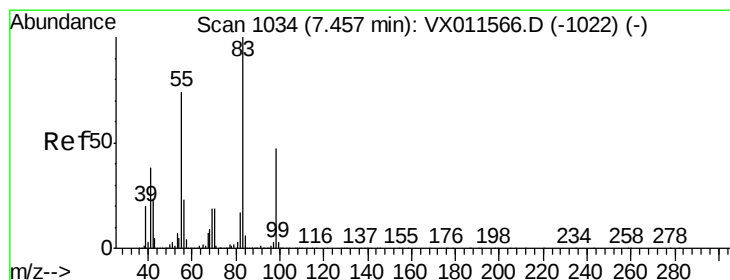
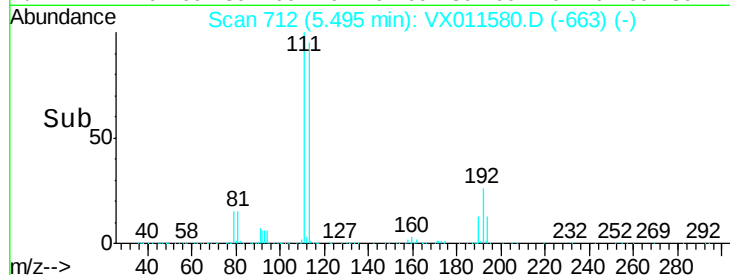
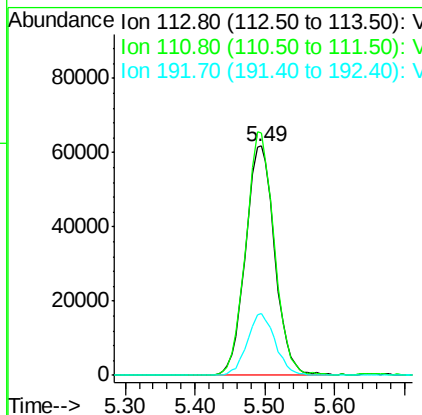
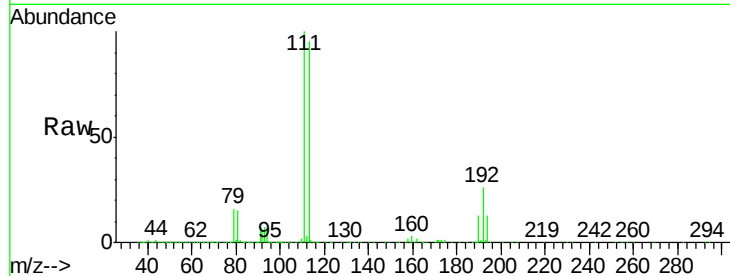
ClientSampleId :

PH2-0134

Tot Ion:	113	Resp:	178562
Ion Ratio	Lower	Upper	
113	100		
111	103.3	81.1	121.7
192	26.1	20.8	31.2

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#39

Methylcyclohexane

Concen: 2.566 ug/l

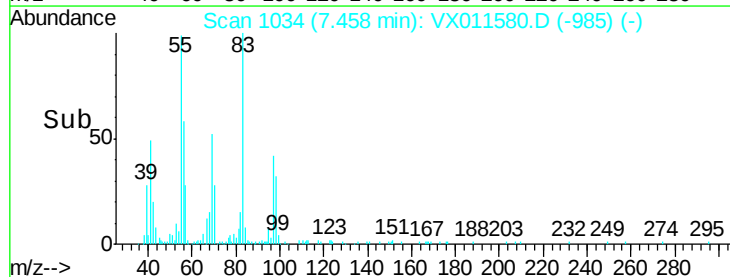
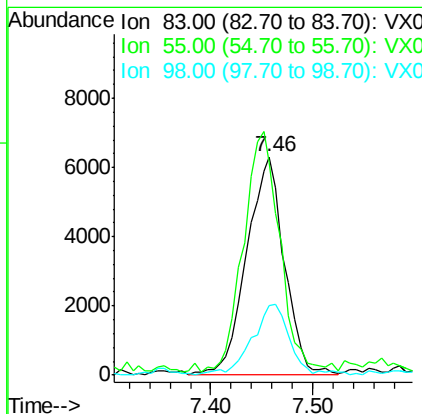
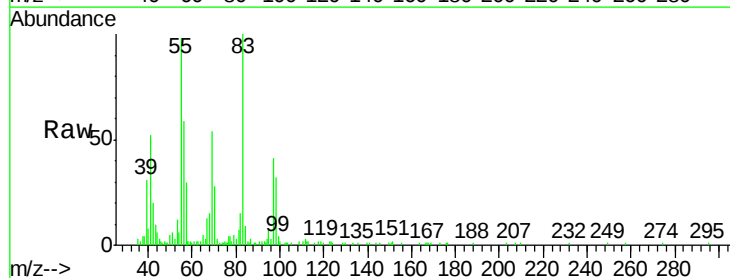
RT: 7.46 min Scan# 1034

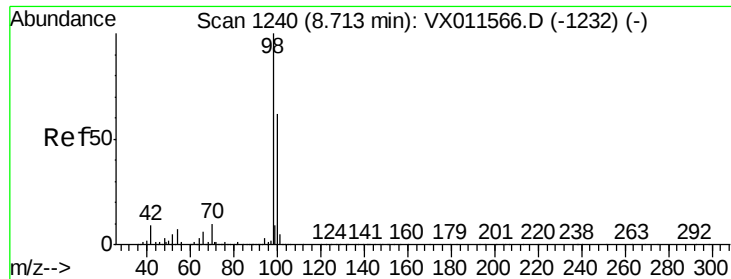
Delta R.T. 0.00 min

Lab File: VX011580.D

Acq: 16 Aug 2019 14:50

Tgt Ion:	83	Resp:	16219
Ion Ratio	Lower	Upper	
83	100		
55	95.8	58.8	88.2#
98	30.7	37.8	56.6#





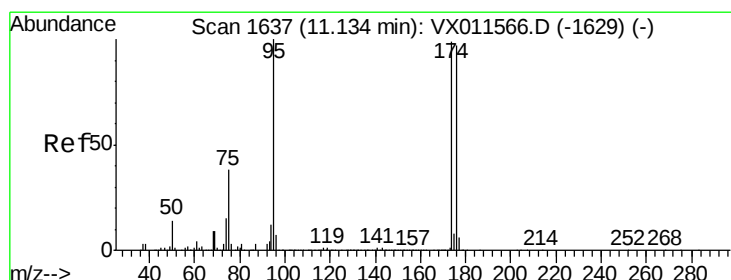
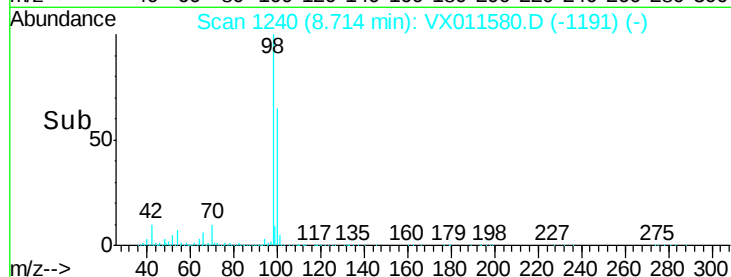
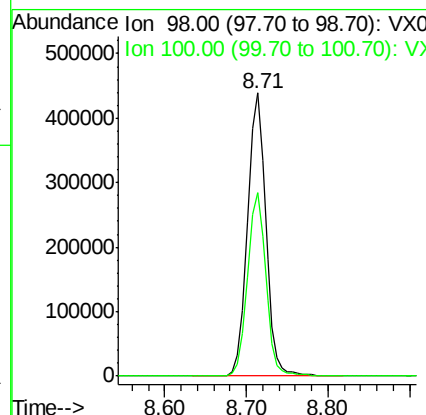
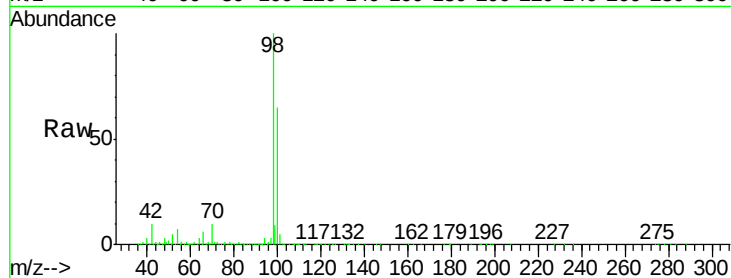
#50
Toluene-d8
Concen: 56.146 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
PH2-0134

Tot Ion: 98 Resp: 684993
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6

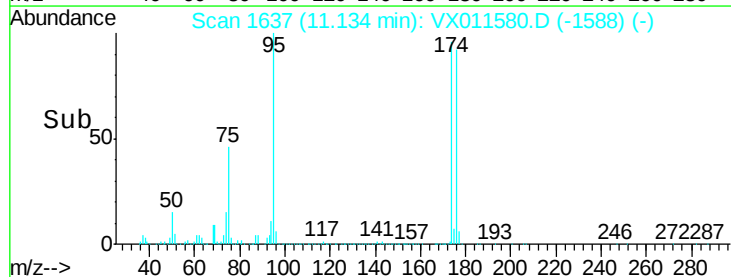
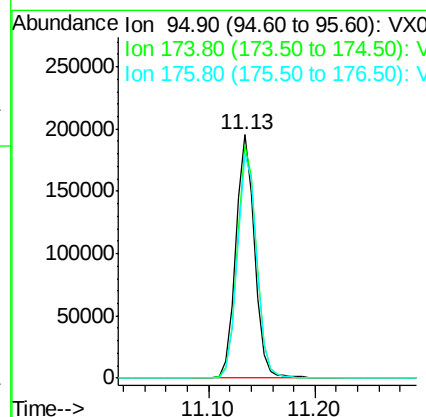
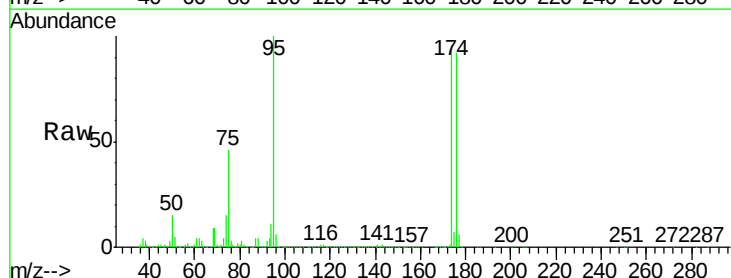
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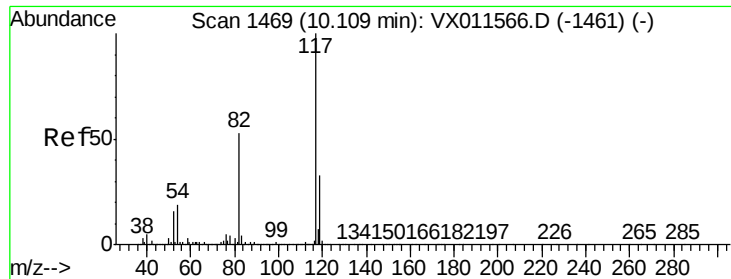
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#62
4-Bromofluorobenzene
Concen: 46.861 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Tgt Ion: 95 Resp: 241314
Ion Ratio Lower Upper
95 100
174 98.7 0.0 200.6
176 95.3 0.0 196.6





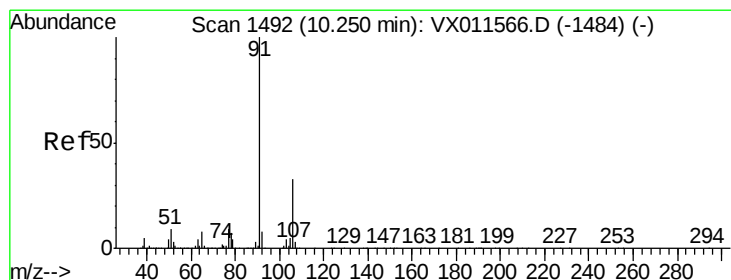
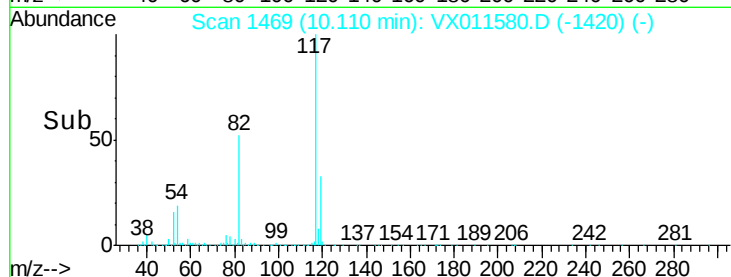
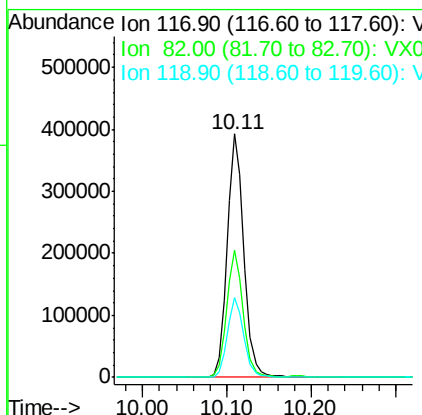
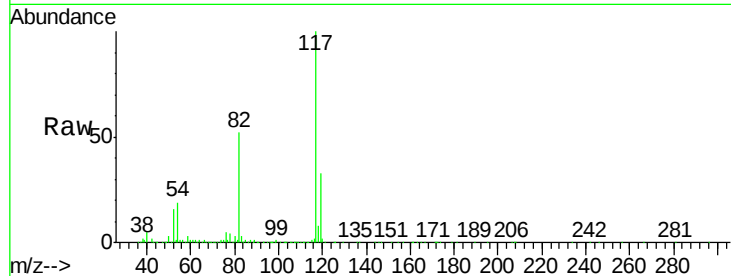
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Instrument :
MSVOA_X
ClientSampled :
PH2-0134

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.0	63.0
119	32.6	26.5	39.7

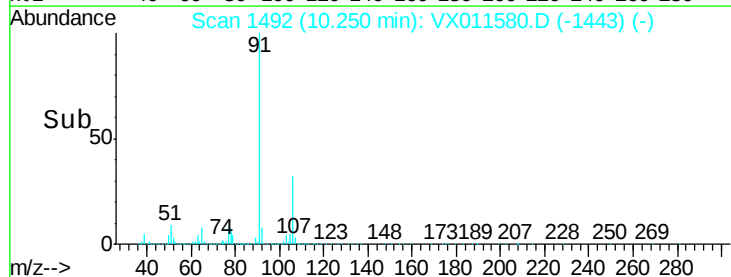
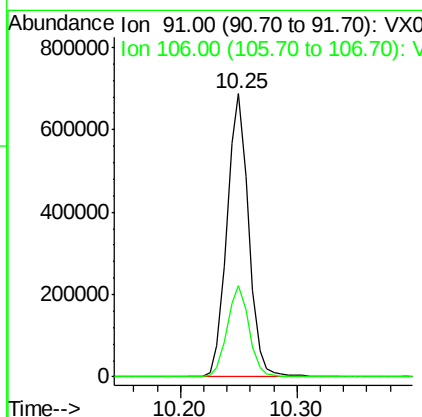
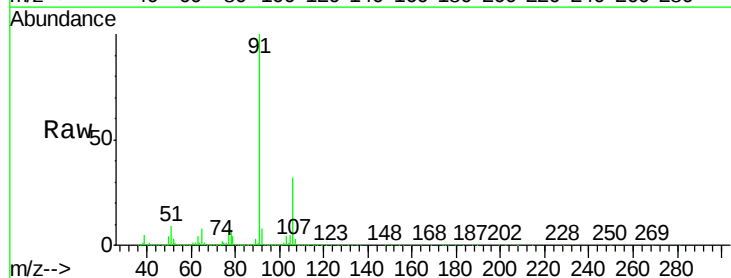
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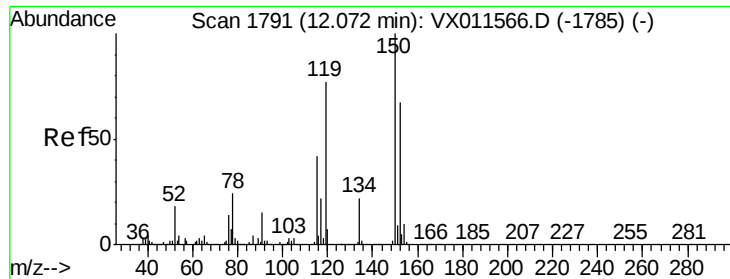
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#67
Ethyl Benzene
Concen: 46.768 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.1	26.0	39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX011580.D

Acq: 16 Aug 2019 14:50

Instrument :

MSVOA_X

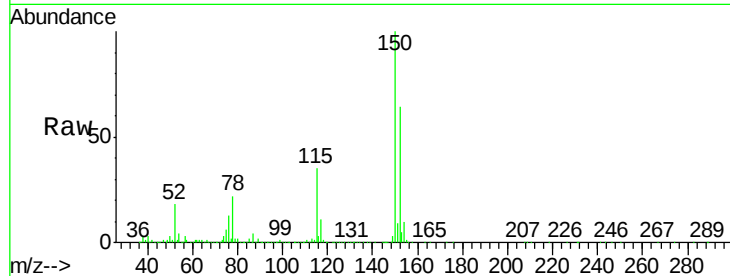
ClientSampled :

PH2-0134

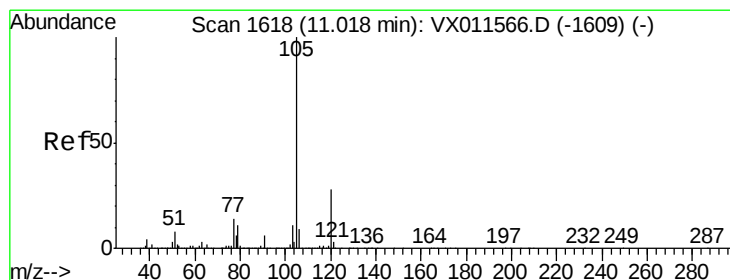
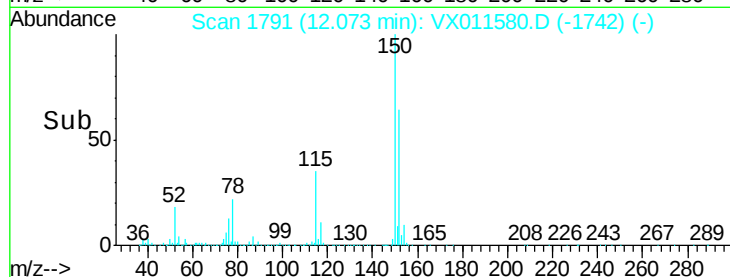
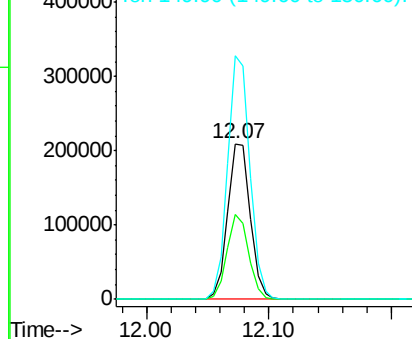
Tot Ion:	152	Resp:	266513
Ion Ratio	Lower	Upper	
152	100		
115	53.4	37.3	111.9
150	154.1	0.0	346.2

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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 11.166 ug/l

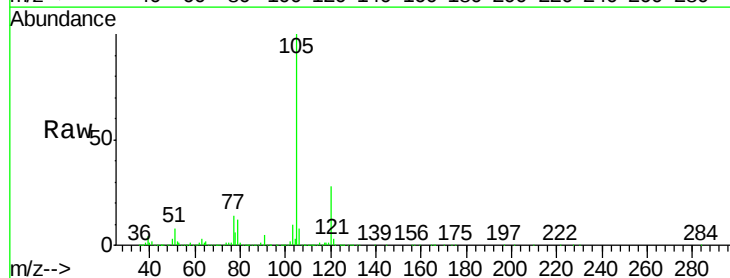
RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

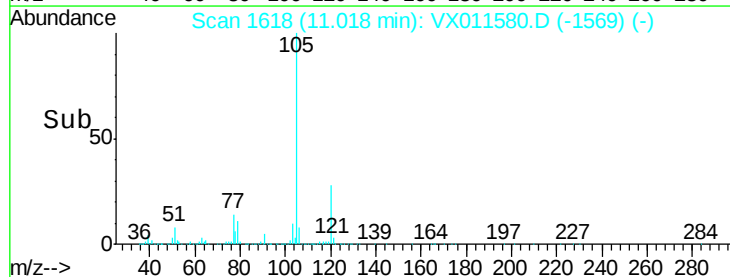
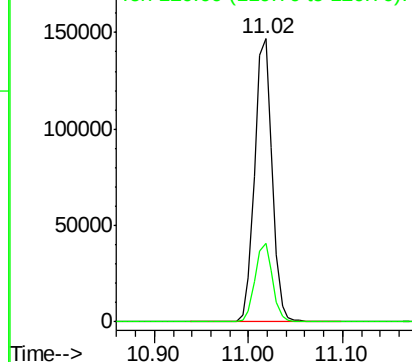
Lab File: VX011580.D

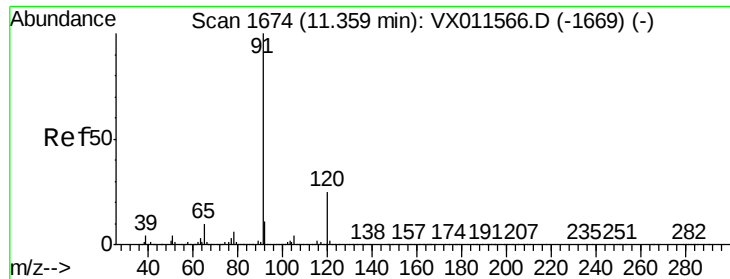
Acq: 16 Aug 2019 14:50

Tgt Ion:	105	Resp:	193093
Ion Ratio	Lower	Upper	
105	100		
120	27.6	14.0	41.9



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 5.977 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011580.D

Acq: 16 Aug 2019 14:50

Instrument :

MSVOA_X

ClientSampleId :

PH2-0134

Tot Ion: 91 Resp: 111454

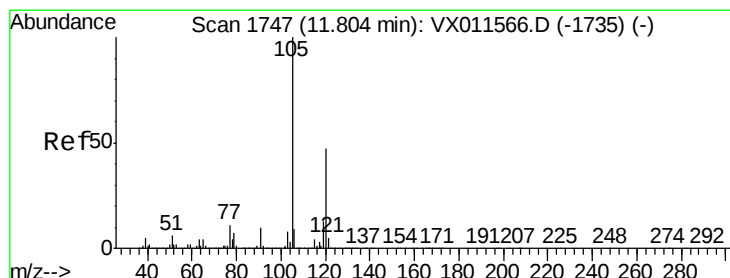
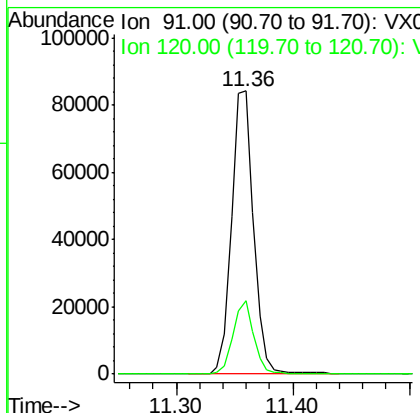
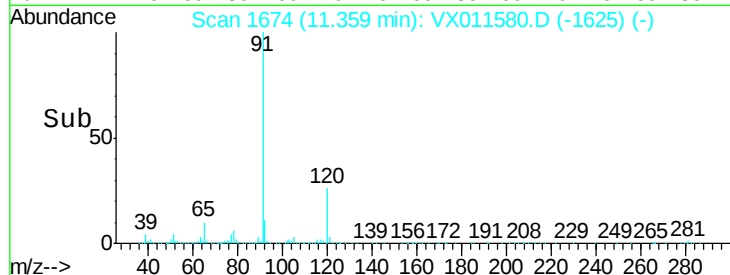
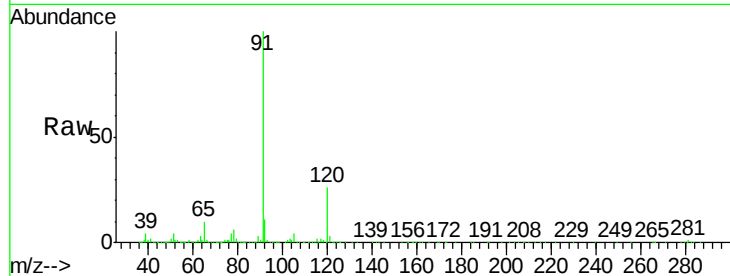
Ion Ratio Lower Upper

91 100

120 24.5 12.6 37.6

Manual Integrations
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8/19/2019 10:30:15 AM



#84

1,2,4-Trimethylbenzene

Concen: 0.294 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011580.D

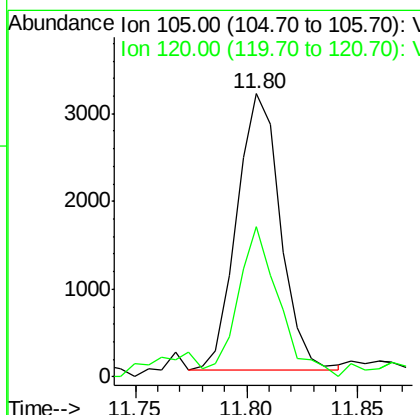
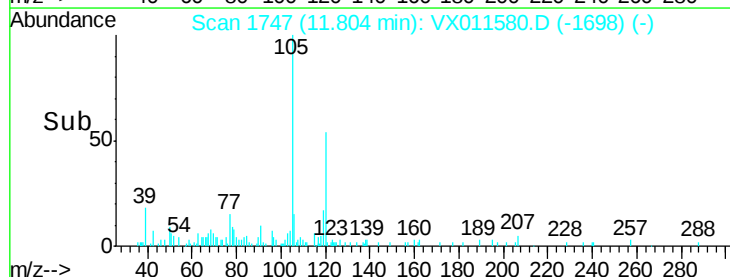
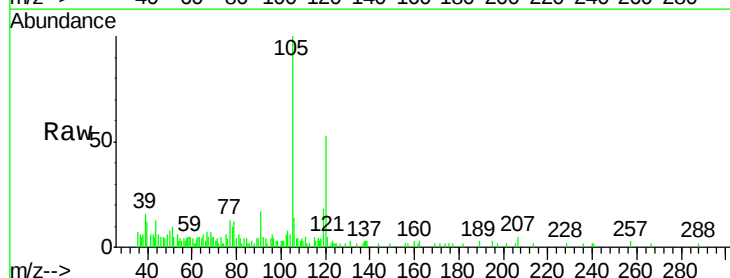
Acq: 16 Aug 2019 14:50

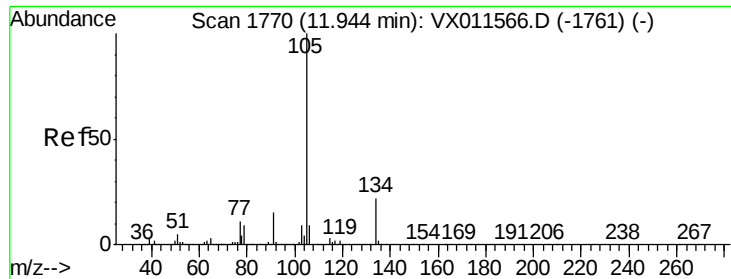
Tgt Ion: 105 Resp: 4291

Ion Ratio Lower Upper

105 100

120 51.2 23.3 69.9





#85
 sec-Butylbenzene
 Concen: 0.890 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX011580.D
 Acq: 16 Aug 2019 14:50

Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0134

Tot Ion	Ratio	Lower	Upper
105	100		
134	30.4	10.8	32.4

Manual Integrations
 APPROVED

MMDadoda
 8/19/2019 10:30:15 AM

