

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080919\
 Data File : VX011402.D
 Acq On : 09 Aug 2019 12:12
 Operator : JC/SP
 Sample : K4251-05 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-FD-0819

Manual Integrations
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 8/12/2019 12:49:53 PM

Quant Time: Aug 11 00:20:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	182659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	269674	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	130258	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	96915	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	
35) Dibromofluoromethane	5.49	113	81884	46.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.02%	
50) Toluene-d8	8.71	98	318702	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.90%	
62) 4-Bromofluorobenzene	11.13	95	113064	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.30%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.06	59	6182	16.875	ug/l #	92
39) Methylcyclohexane	7.46	83	1009	0.362	ug/l #	85
67) Ethyl Benzene	10.25	91	47683	5.390	ug/l	99
68) m/p-Xylenes	10.36	106	21735	6.351	ug/l	95
73) Isopropylbenzene	11.01	105	66795	7.498	ug/l	99
78) n-propylbenzene	11.36	91	143080	14.442	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	130536	17.504	ug/l	100
83) tert-Butylbenzene	11.77	119	6827	0.933	ug/l	85
84) 1,2,4-Trimethylbenzene	11.80	105	1023037	137.784	ug/l	100
85) sec-Butylbenzene	11.94	105	35604	4.052	ug/l #	74
86) p-Isopropyltoluene	12.06	119	32447	4.014	ug/l	98
89) n-Butylbenzene	12.38	91	19991m	2.870	ug/l	
95) Naphthalene	13.83	128	12315	1.448	ug/l	100

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

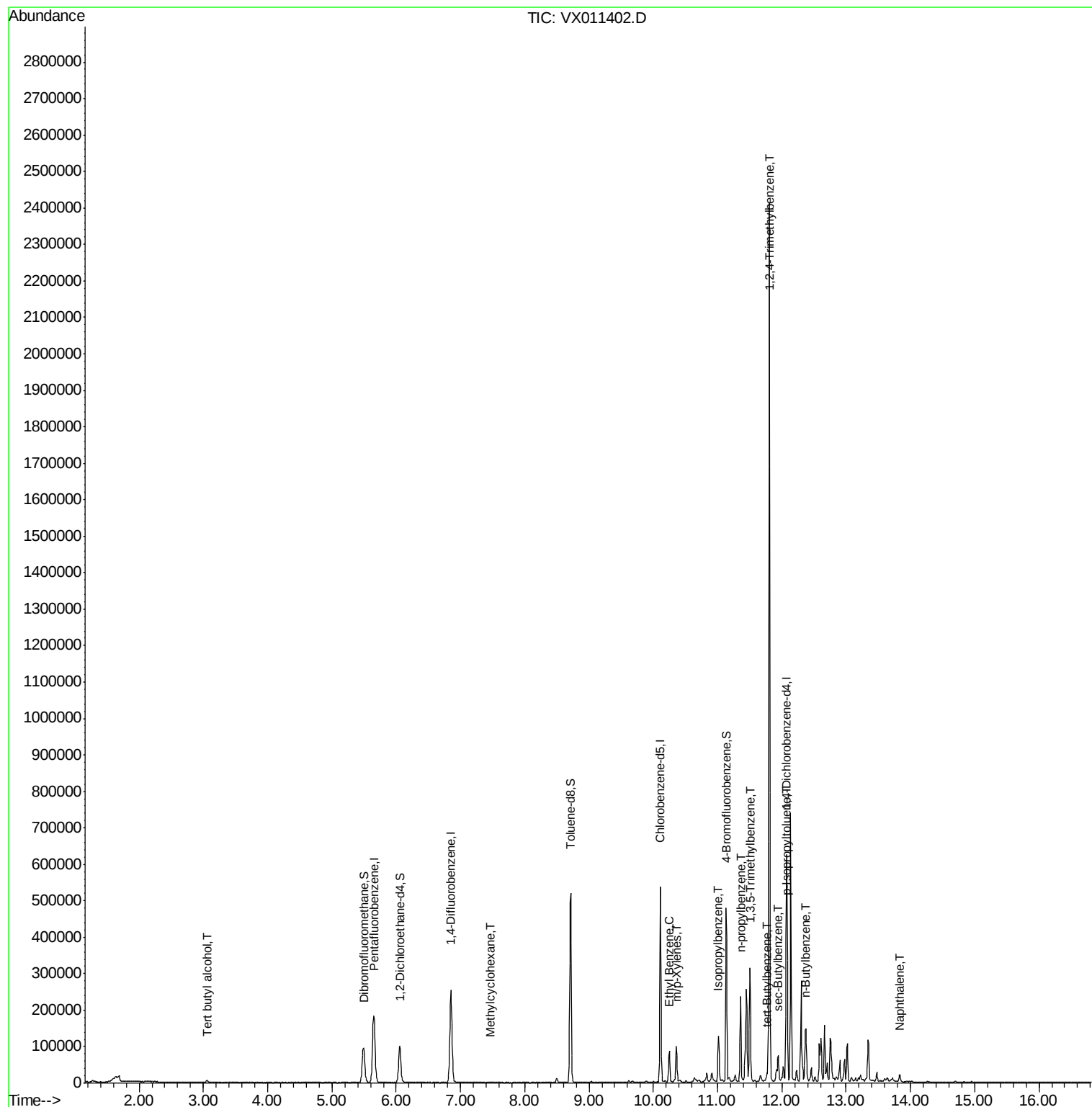
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080919\
Data File : VX011402.D
Acq On : 09 Aug 2019 12:12
Operator : JC/SP
Sample : K4251-05 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

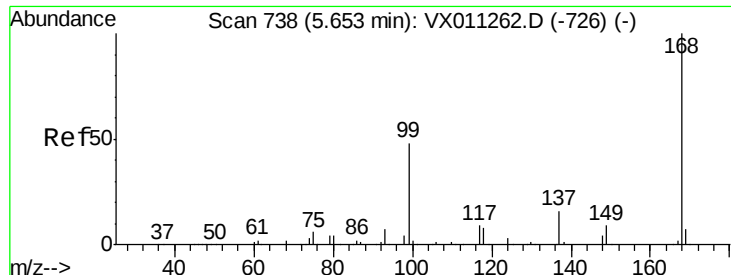
Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-FD-0819

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Quant Time: Aug 11 00:20:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 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: VX011402.D

Acq: 09 Aug 2019 12:12

Instrument :

MSVOA_X

ClientSampled :

EP1-MW-FD-0819

Tot Ion:168 Resp: 182659

Ion Ratio Lower Upper

168 100

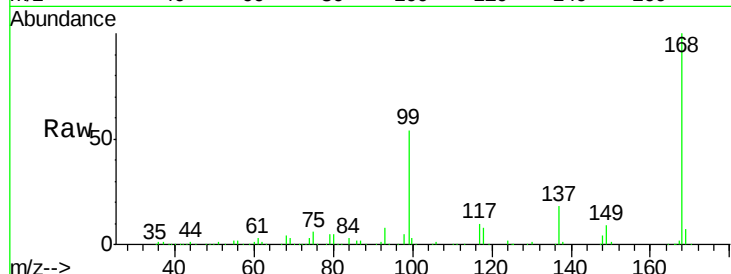
99 54.4 38.5 57.7

Manual Integrations

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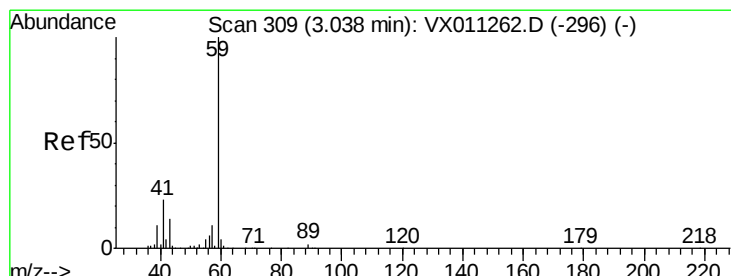
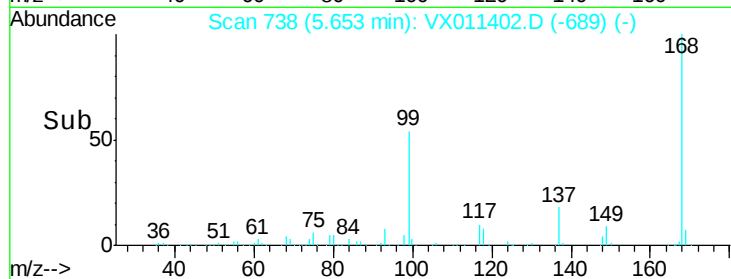
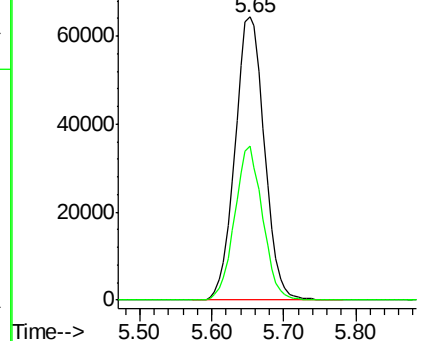
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 16.875 ug/l

RT: 3.06 min Scan# 313

Delta R.T. 0.02 min

Lab File: VX011402.D

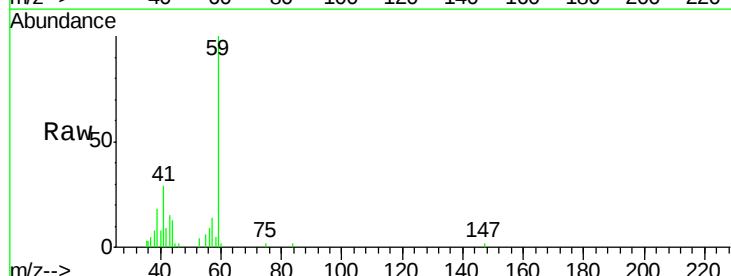
Acq: 09 Aug 2019 12:12

Tgt Ion: 59 Resp: 6182

Ion Ratio Lower Upper

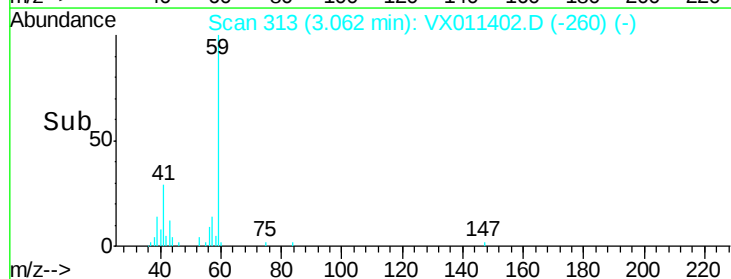
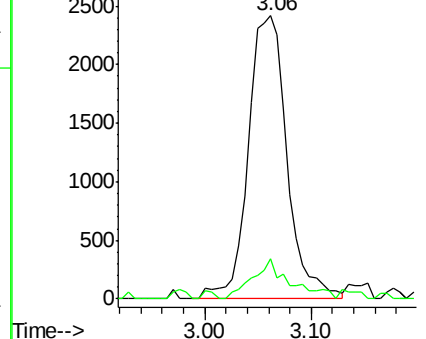
59 100

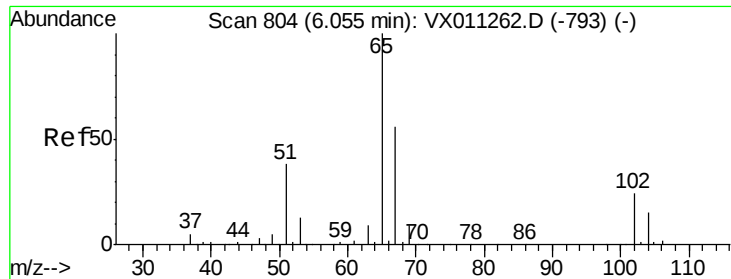
57 13.4 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





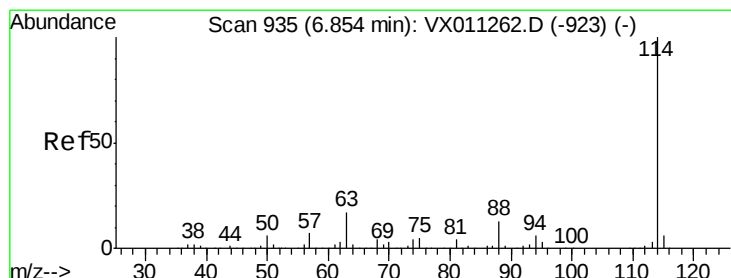
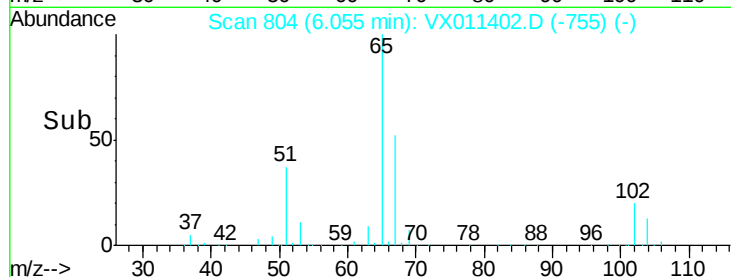
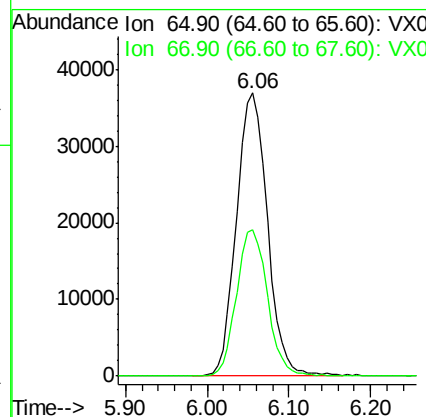
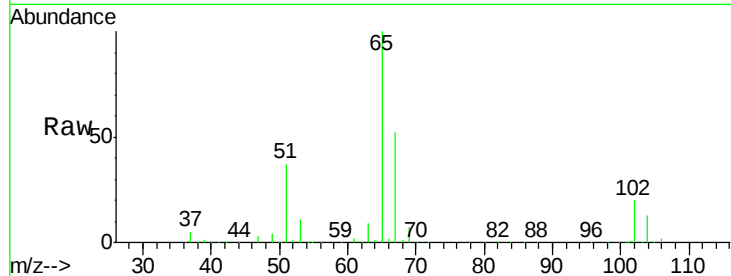
#33
 1,2-Dichloroethane-d4
 Concen: 52.686 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX011402.D
 Acq: 09 Aug 2019 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-FD-0819

Tot Ion	Ratio	Resp	Lower	Upper
65	100	96915		
67	51.6		0.0	110.6

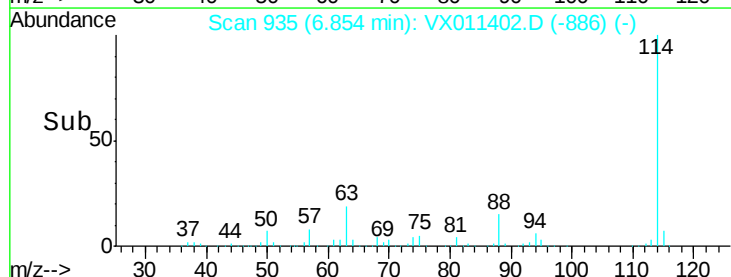
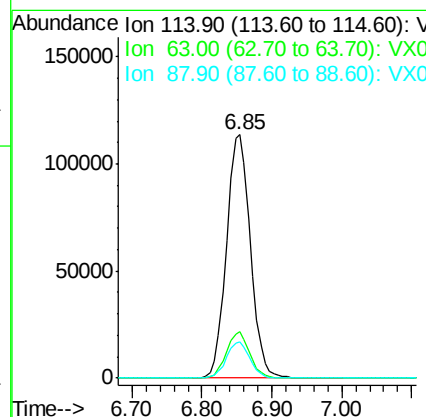
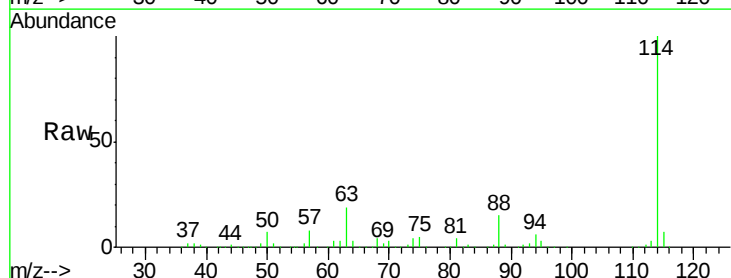
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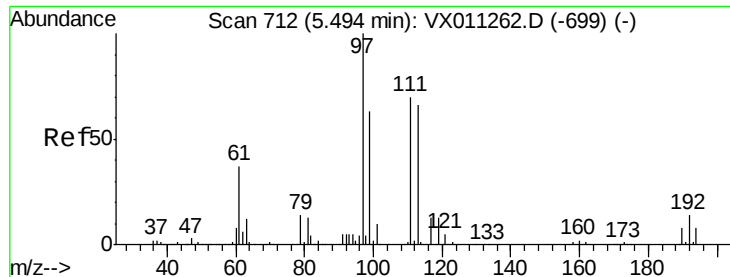
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011402.D
 Acq: 09 Aug 2019 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	269674		
63	19.0		0.0	34.0
88	14.8		0.0	26.4





#35

Dibromofluoromethane

Concen: 46.508 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011402.D

Acq: 09 Aug 2019 12:12

Instrument :

MSVOA_X

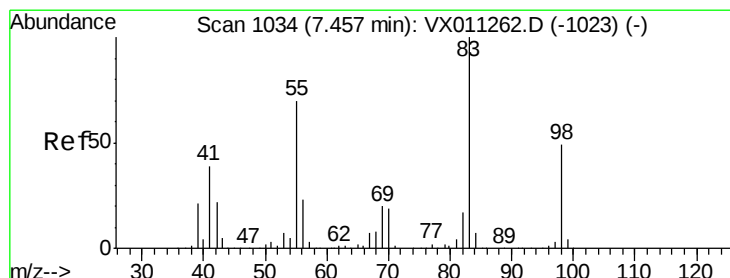
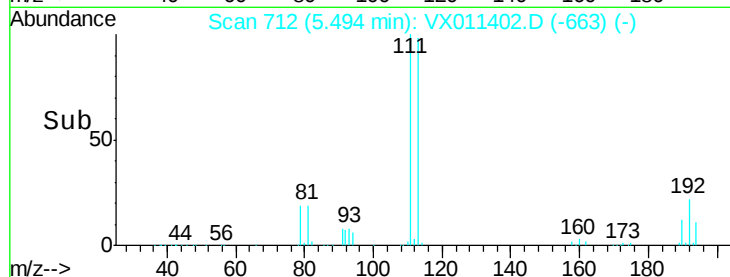
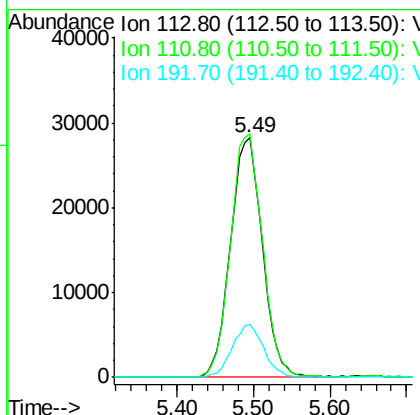
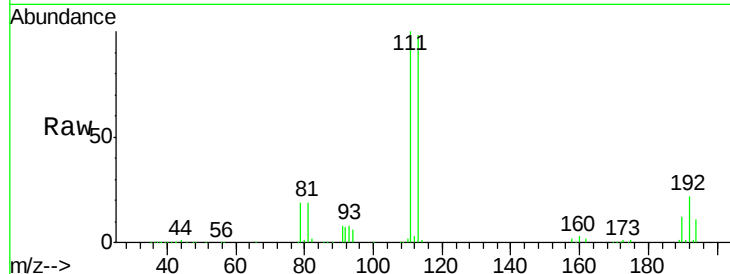
ClientSampleId :

EP1-MW-FD-0819

Tot Ion:	113	Resp:	81884
Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.9	122.9
192	21.8	17.8	26.8

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#39

Methylcyclohexane

Concen: 0.362 ug/l

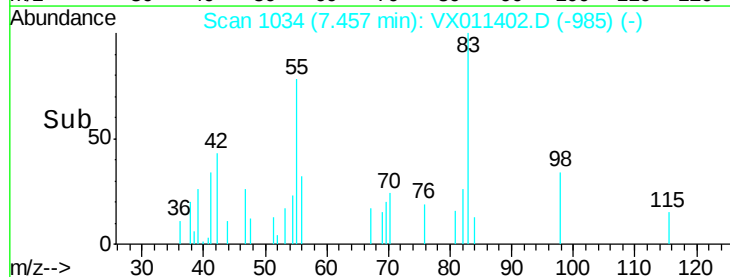
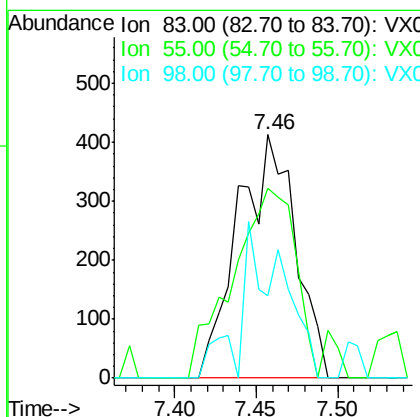
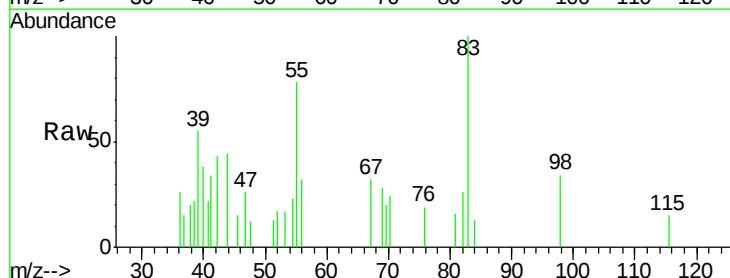
RT: 7.46 min Scan# 1034

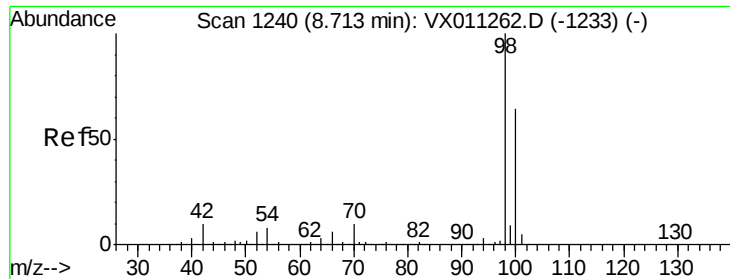
Delta R.T. -0.00 min

Lab File: VX011402.D

Acq: 09 Aug 2019 12:12

Tgt Ion:	83	Resp:	1009
Ion	Ratio	Lower	Upper
83	100		
55	78.2	56.1	84.1
98	33.7	39.0	58.4#





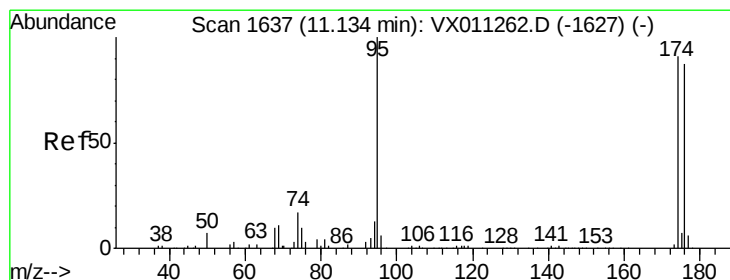
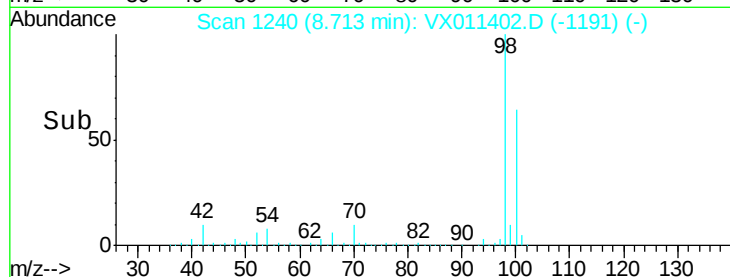
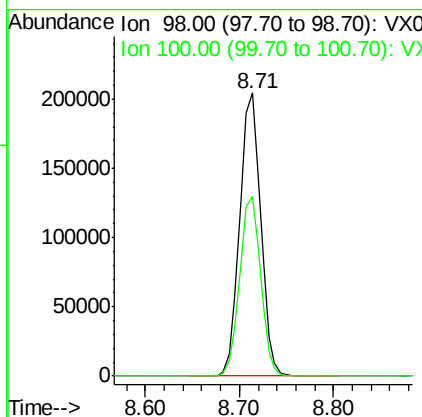
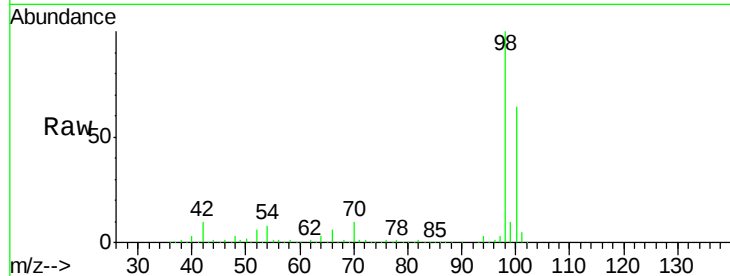
#50
Toluene-d8
Concen: 47.955 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011402.D
Acq: 09 Aug 2019 12:12

Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-FD-0819

Tot Ion: 98 Resp: 318702
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5

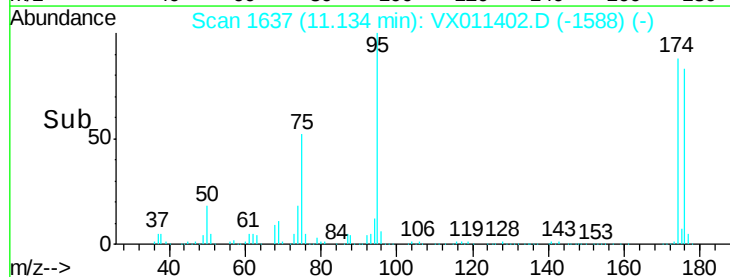
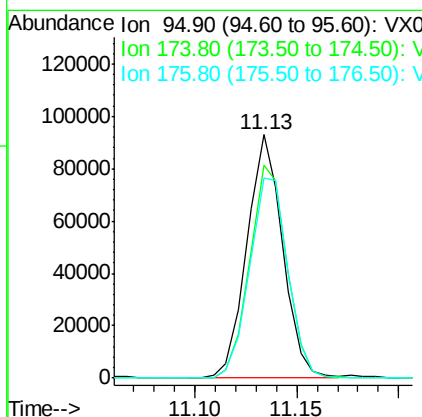
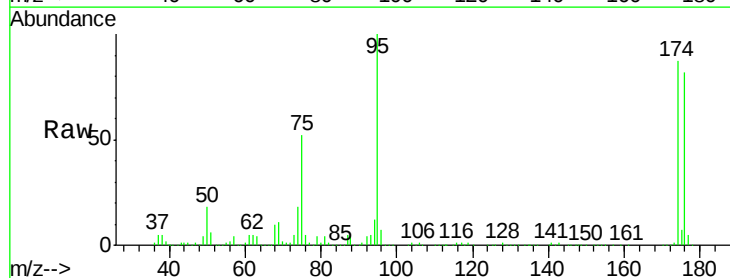
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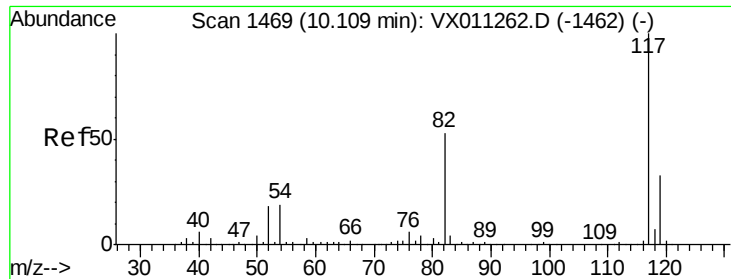
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#62
4-Bromofluorobenzene
Concen: 47.651 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011402.D
Acq: 09 Aug 2019 12:12

Tgt Ion: 95 Resp: 113064
Ion Ratio Lower Upper
95 100
174 91.5 0.0 191.2
176 88.6 0.0 184.8





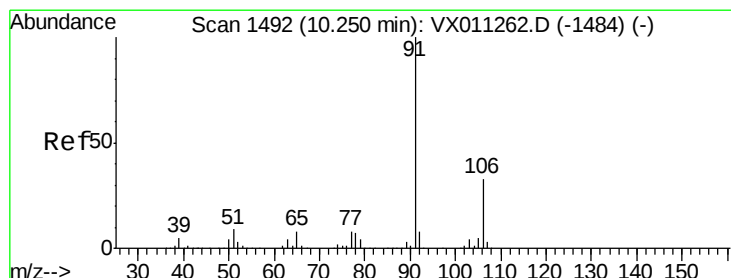
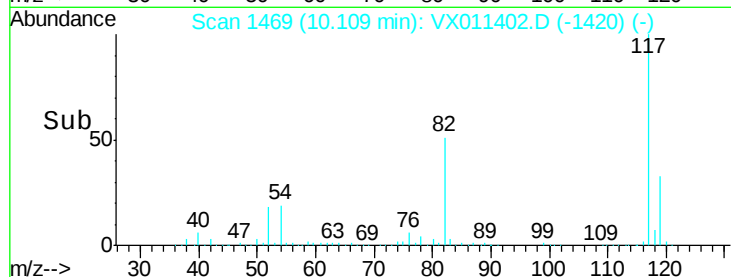
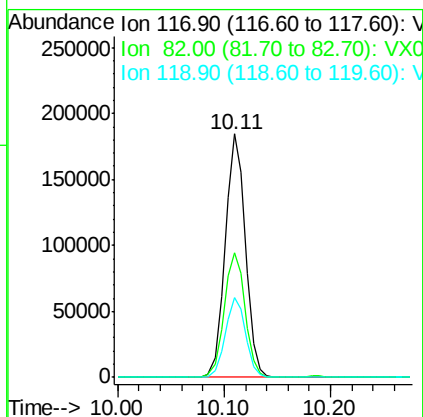
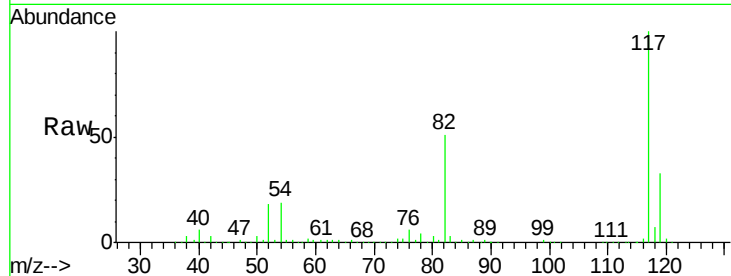
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011402.D
Acq: 09 Aug 2019 12:12

Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-FD-0819

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	42.2	63.2
119	32.6	26.6	39.8

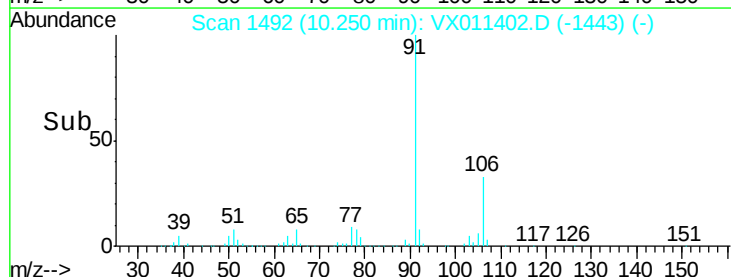
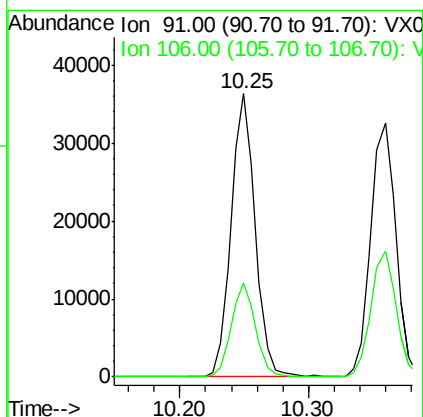
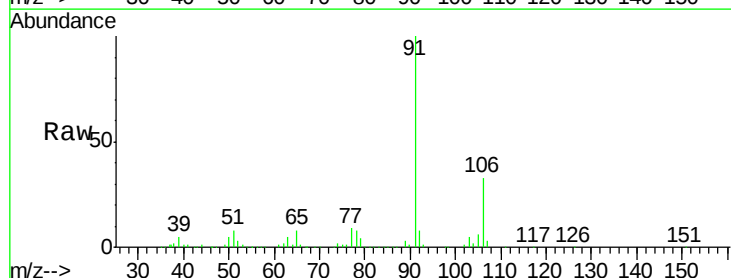
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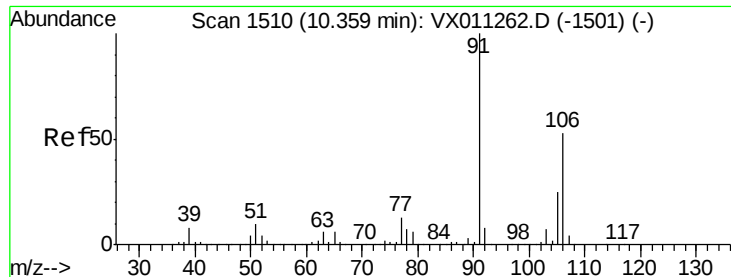
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#67
Ethyl Benzene
Concen: 5.390 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011402.D
Acq: 09 Aug 2019 12:12

Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.1	26.2	39.4





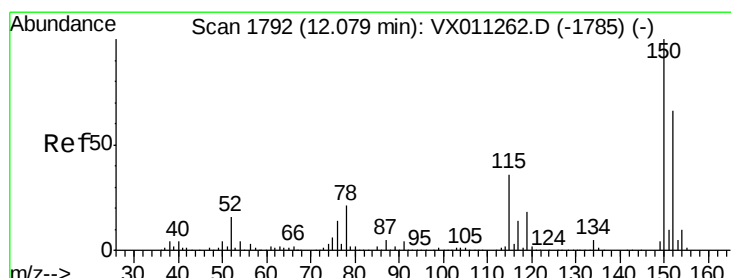
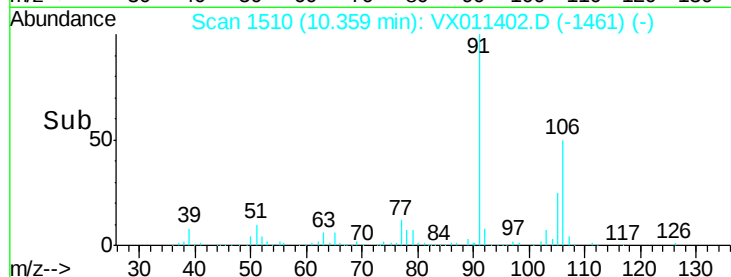
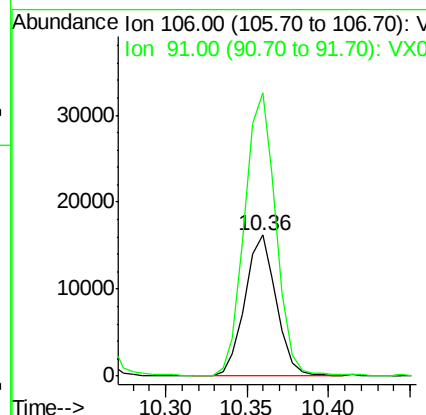
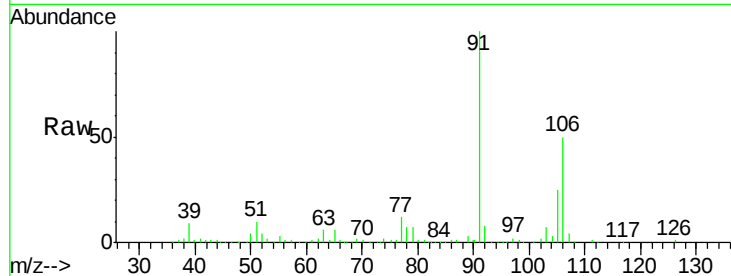
#68
m/p-Xvlenes
Concen: 6.351 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011402.D
Acq: 09 Aug 2019 12:12

Instrument :
MSVOA_X
ClientSampled :
EP1-MW-FD-0819

Tot Ion:106 Resp: 21735
Ion Ratio Lower Upper
106 100
91 202.9 155.9 233.9

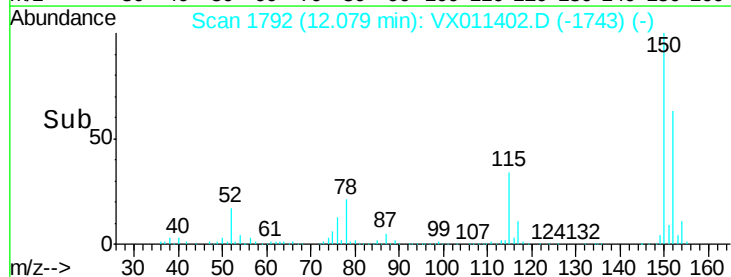
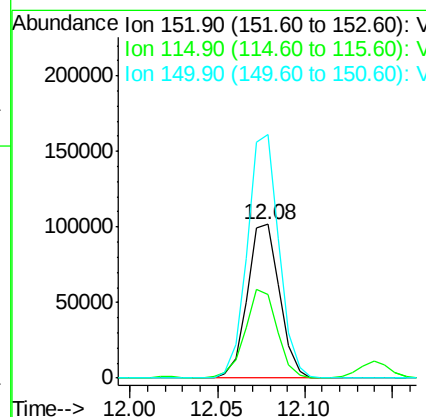
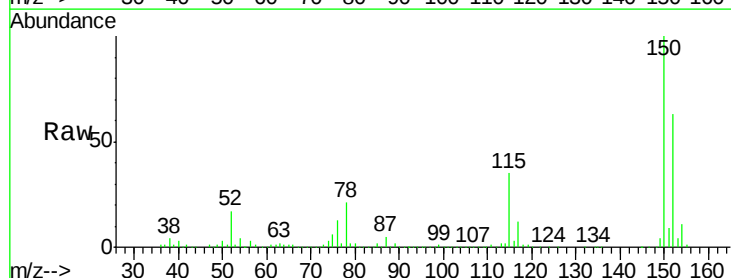
Manual Integrations
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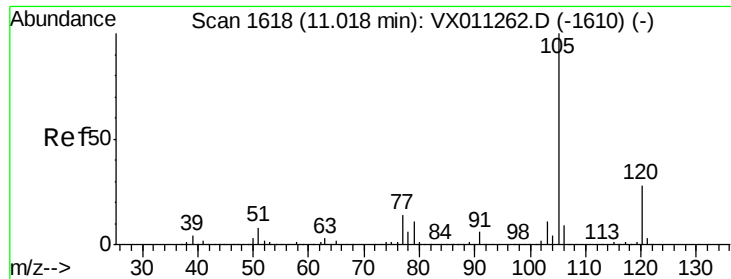
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011402.D
Acq: 09 Aug 2019 12:12

Tgt Ion:152 Resp: 130258
Ion Ratio Lower Upper
152 100
115 57.2 40.0 119.9
150 156.1 0.0 350.4





#73

Isopropylbenzene

Concen: 7.498 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VX011402.D

Acq: 09 Aug 2019 12:12

Instrument :

MSVOA_X

ClientSampleId :

EP1-MW-FD-0819

Tot Ion: 105 Resp: 66795

Ion Ratio Lower Upper

105 100

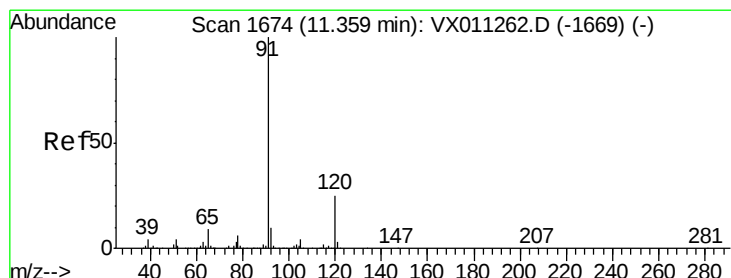
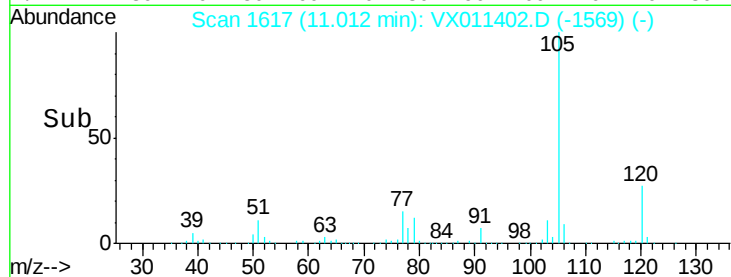
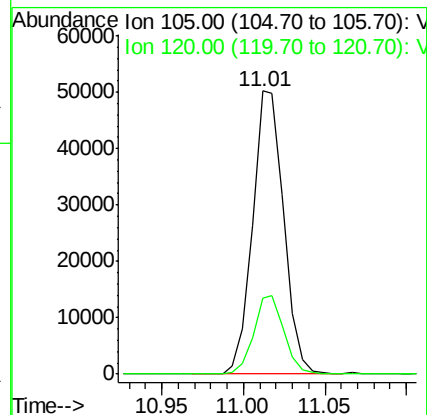
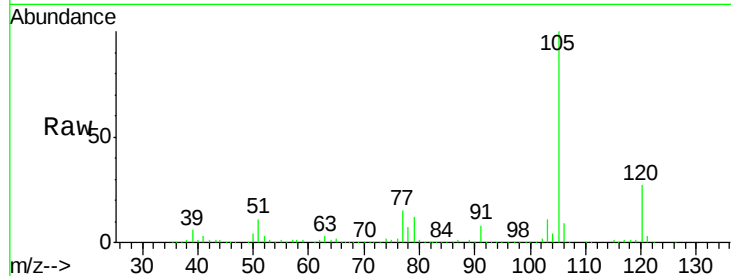
120 26.8 13.7 41.1

Manual Integrations

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#78

n-propylbenzene

Concen: 14.442 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011402.D

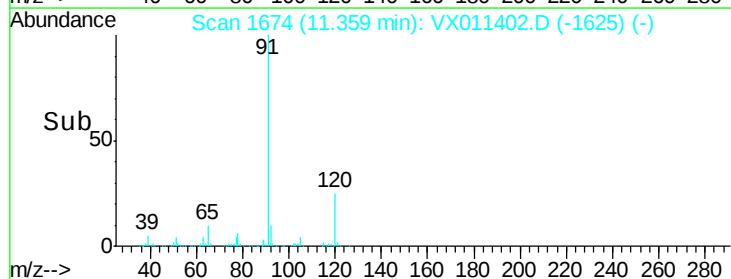
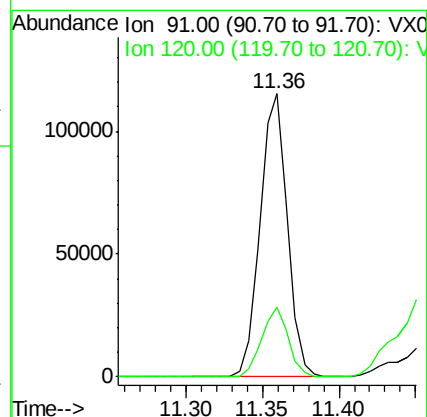
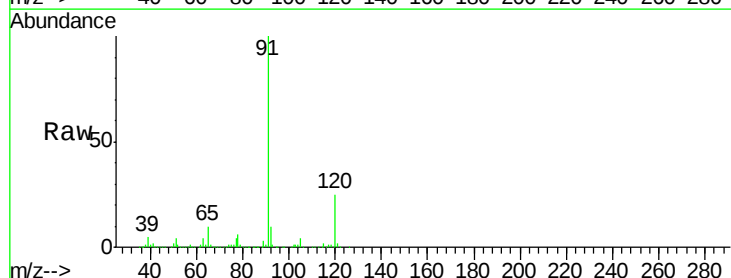
Acq: 09 Aug 2019 12:12

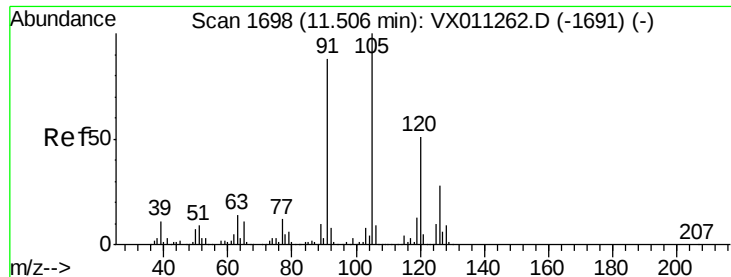
Tgt Ion: 91 Resp: 143080

Ion Ratio Lower Upper

91 100

120 24.2 12.4 37.0





#80

1,3,5-Trimethylbenzene

Concen: 17.504 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011402.D

Acq: 09 Aug 2019 12:12

Instrument :

MSVOA_X

ClientSampleId :

EP1-MW-FD-0819

Tot Ion:105 Resp: 130536

Ion Ratio Lower Upper

105 100

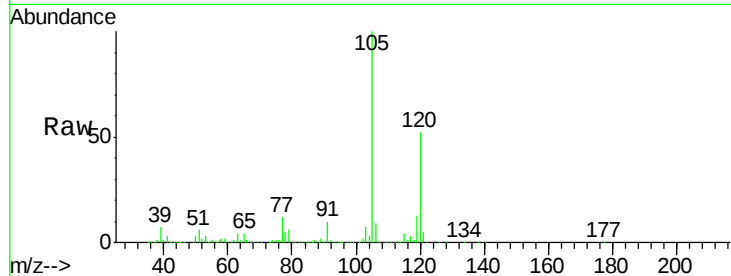
120 50.1 25.1 75.2

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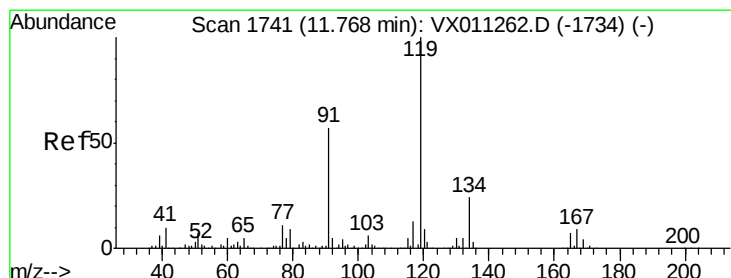
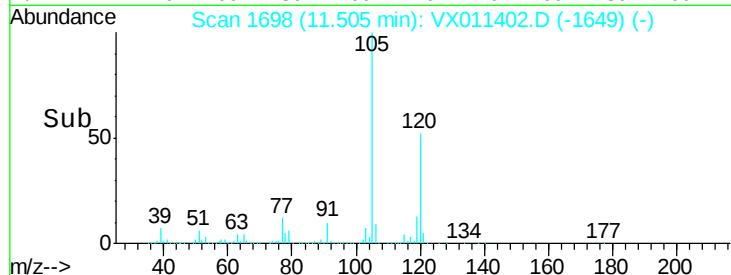
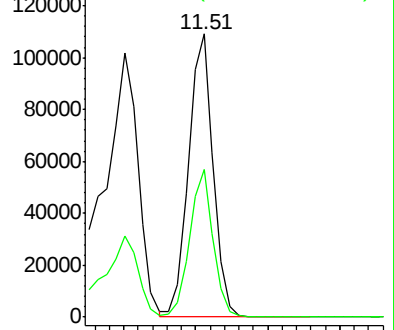
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#83

tert-Butylbenzene

Concen: 0.933 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX011402.D

Acq: 09 Aug 2019 12:12

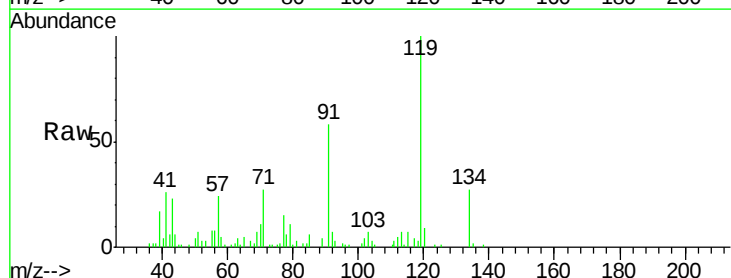
Tgt Ion:119 Resp: 6827

Ion Ratio Lower Upper

119 100

91 70.0 28.0 84.0

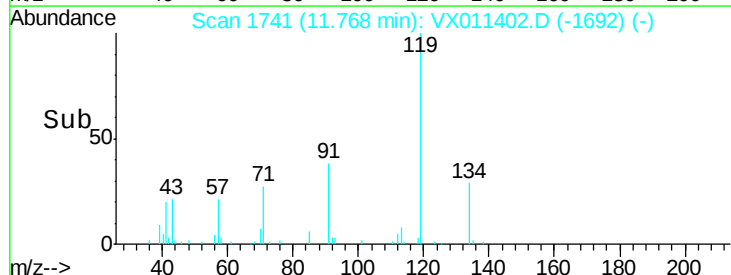
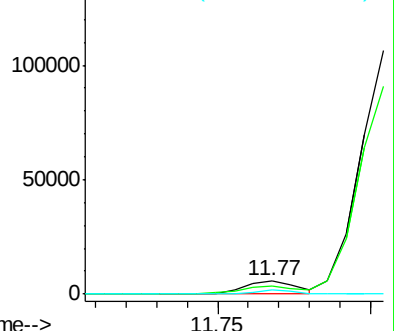
134 25.8 11.9 35.5

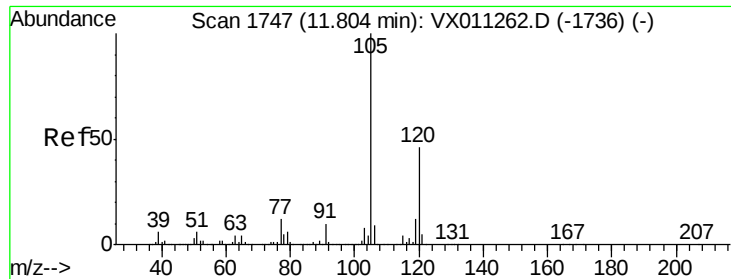


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V





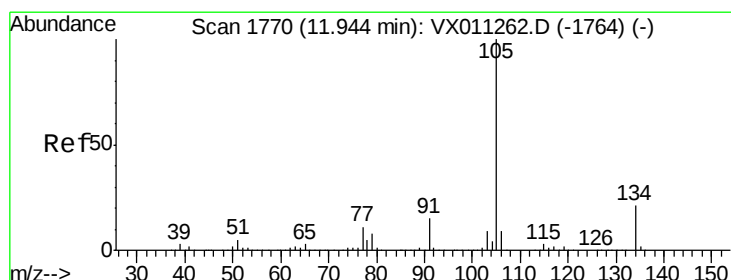
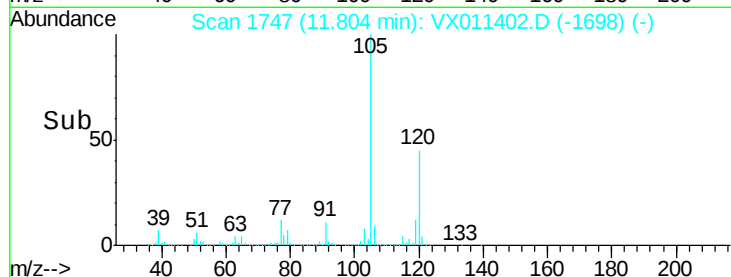
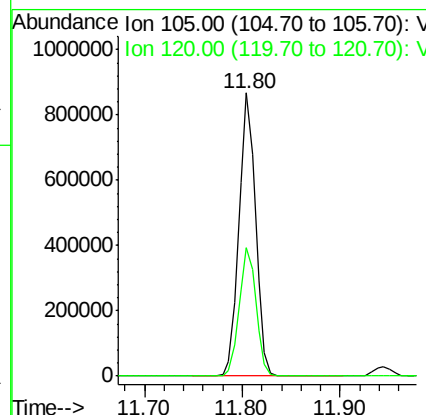
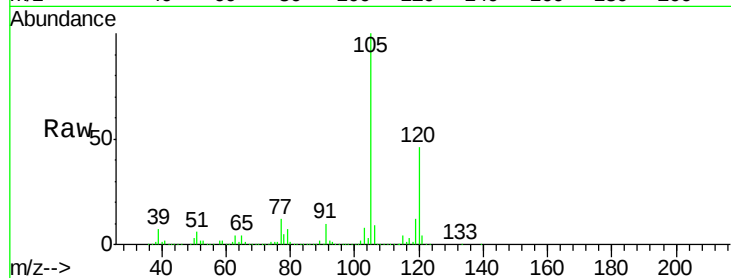
#84
1,2,4-Trimethylbenzene
Concen: 137.784 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011402.D
Acq: 09 Aug 2019 12:12

Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-FD-0819

Tot Ion:105 Resp: 1023037
Ion Ratio Lower Upper
105 100
120 46.1 23.0 69.0

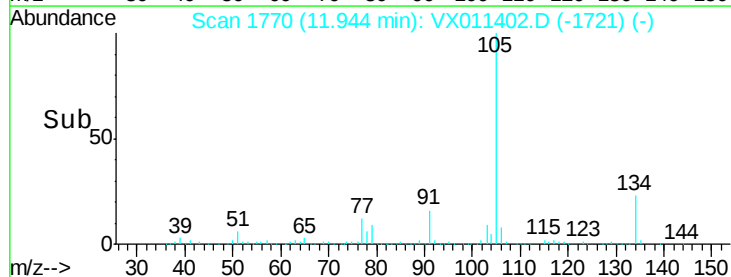
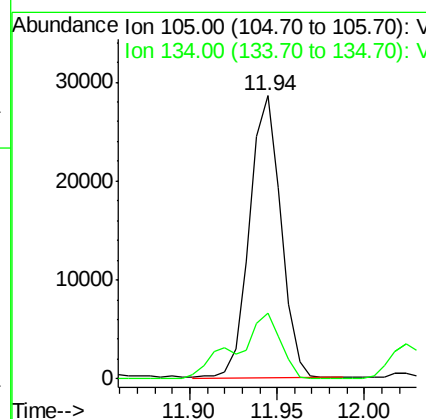
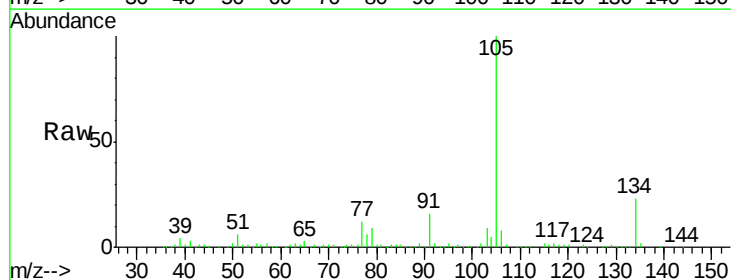
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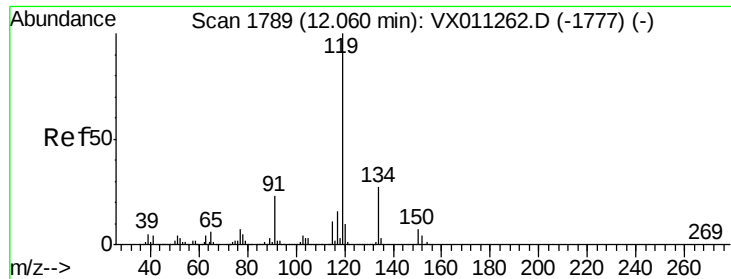
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#85
sec-Butylbenzene
Concen: 4.052 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX011402.D
Acq: 09 Aug 2019 12:12

Tgt Ion:105 Resp: 35604
Ion Ratio Lower Upper
105 100
134 32.9 10.4 31.4#





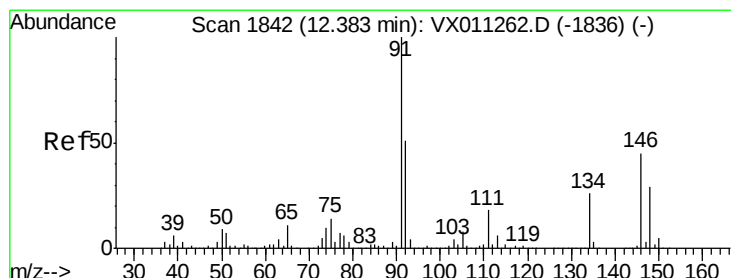
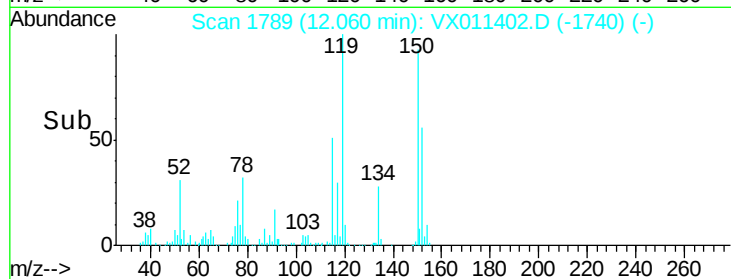
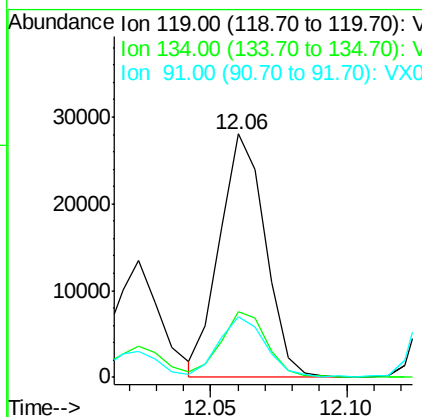
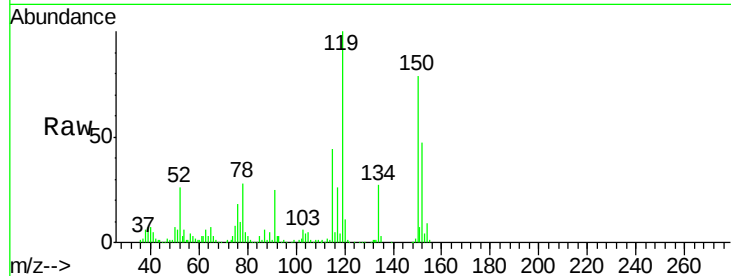
#86
p-Isopropyltoluene
Concen: 4.014 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX011402.D
Acq: 09 Aug 2019 12:12

Instrument :
MSVOA_X
ClientSampled :
EP1-MW-FD-0819

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.7	41.0
91	24.9	11.4	34.2

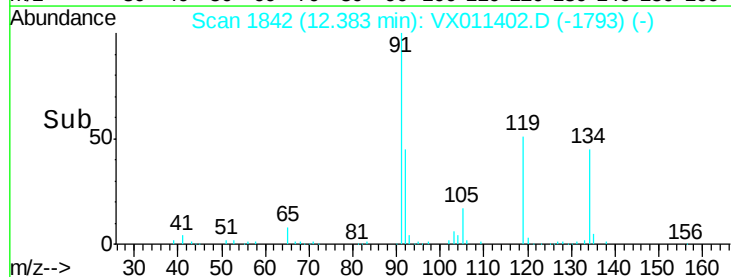
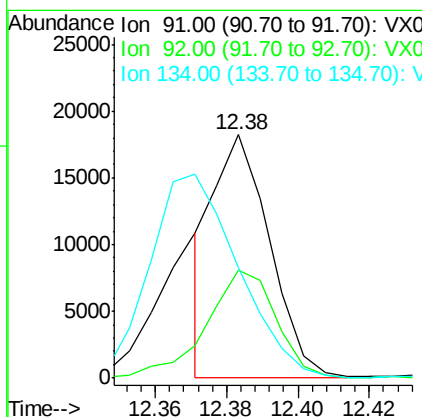
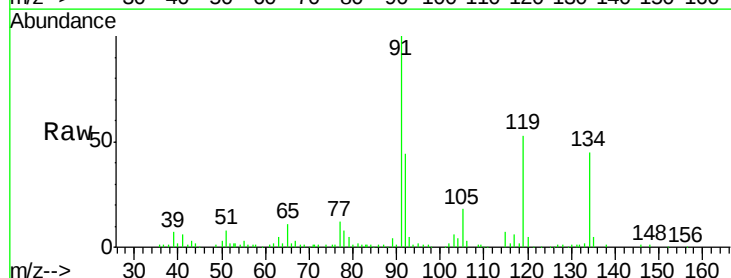
Manual Integrations
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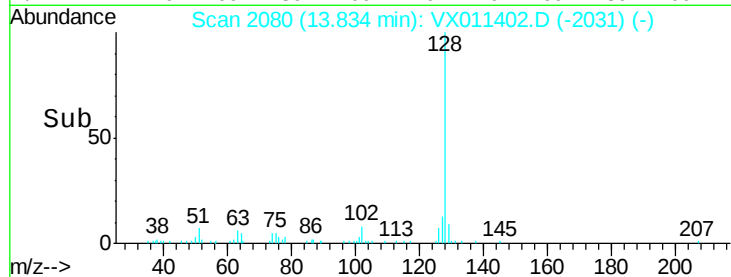
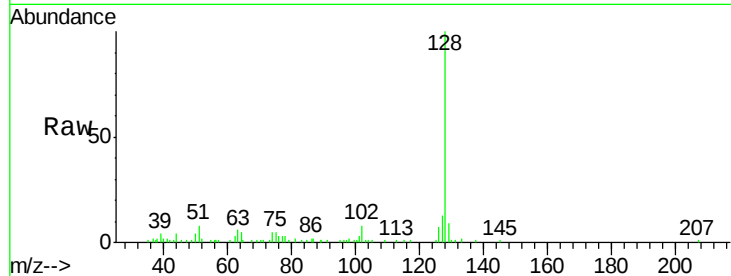
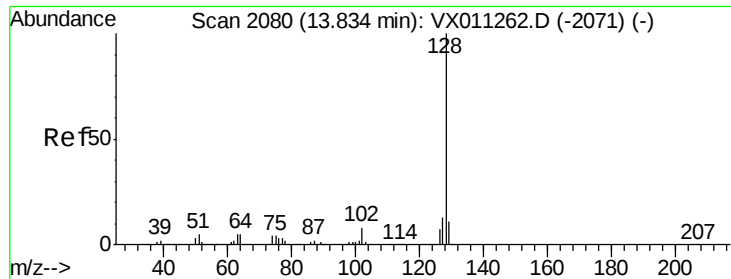
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#89
n-Butylbenzene
Concen: 2.870 ug/l m
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011402.D
Acq: 09 Aug 2019 12:12

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.4	25.8	77.3
134	131.8	13.7	41.0#





#95
Naphthalene
Concen: 1.448 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX011402.D
Acq: 09 Aug 2019 12:12

Tot Ion:	128	Resp:	12315
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	11.0	8.9	13.3

Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-FD-0819

Manual Integrations
APPROVED

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