

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100719\
 Data File : VX012836.D
 Acq On : 07 Oct 2019 14:26
 Operator : JC/SP
 Sample : K5215-11ME
 Misc : 5.08g/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 13933ME

Quant Time: Oct 08 11:55:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	163599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	278105	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	235265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	107151	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	103837	43.59	ug/l	0.00
Spiked Amount			Recovery	=	87.18%	
35) Dibromofluoromethane	5.49	113	79374	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	
50) Toluene-d8	8.71	98	326421	51.18	ug/l	0.00
Spiked Amount			Recovery	=	102.36%	
62) 4-Bromofluorobenzene	11.14	95	123087	49.08	ug/l	0.00
Spiked Amount			Recovery	=	98.16%	

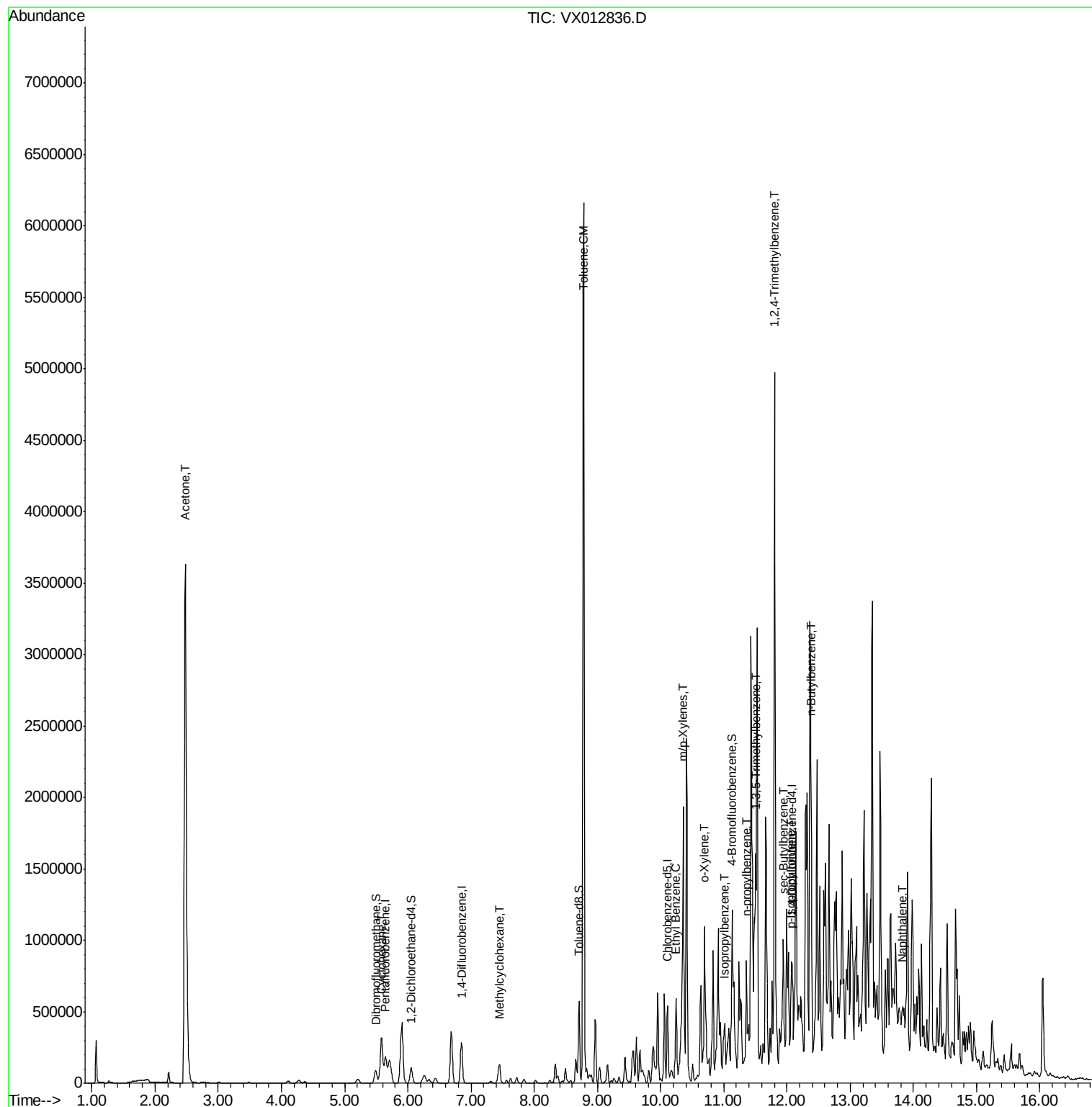
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.48	43	5263909	4171.518	ug/l	94
31) Cyclohexane	5.58	56	76385	23.035	ug/l #	51
39) Methylcyclohexane	7.45	83	58217	18.040	ug/l	98
52) Toluene	8.78	92	2378837	479.879	ug/l	97
67) Ethyl Benzene	10.25	91	273635	30.453	ug/l	98
68) m/p-Xylenes	10.35	106	408192	121.268	ug/l	100
69) o-Xylene	10.70	106	217038	66.637	ug/l	99
73) Isopropylbenzene	11.01	105	127129	14.567	ug/l	99
78) n-propylbenzene	11.35	91	466035	47.433	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	512931	70.088	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	1949578	264.076	ug/l	100
85) sec-Butylbenzene	11.95	105	227400	27.694	ug/l	87
86) p-Isopropyltoluene	12.06	119	131240	17.714	ug/l	99
89) n-Butylbenzene	12.38	91	499151	76.455	ug/l #	54
95) Naphthalene	13.83	128	195786	24.934	ug/l #	93

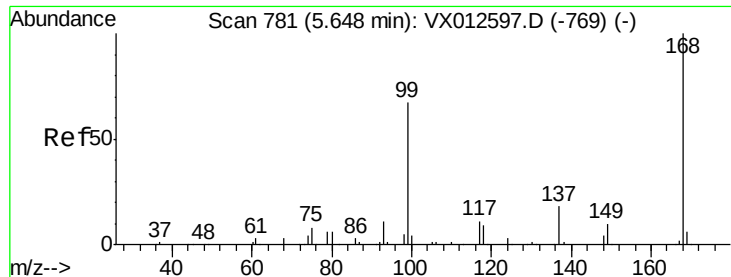
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012836.D

Acq: 07 Oct 2019 14:26

Instrument :

MSVOA_X

ClientSampleId :

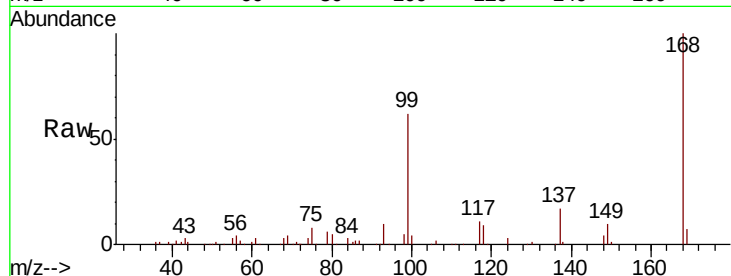
13933ME

Tot Ion:168 Resp: 163599

Ion Ratio Lower Upper

168 100

99 62.2 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

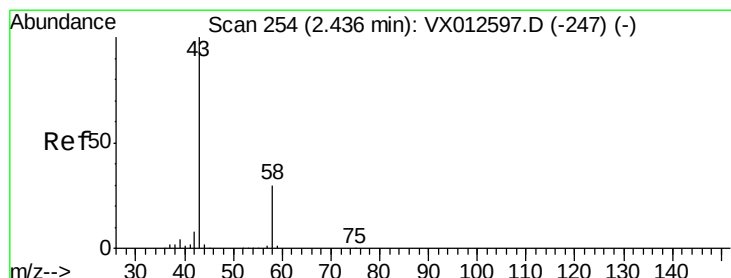
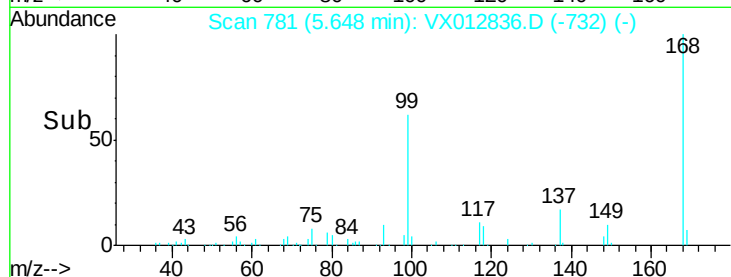
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4171.518 ug/l

RT: 2.48 min Scan# 261

Delta R.T. 0.04 min

Lab File: VX012836.D

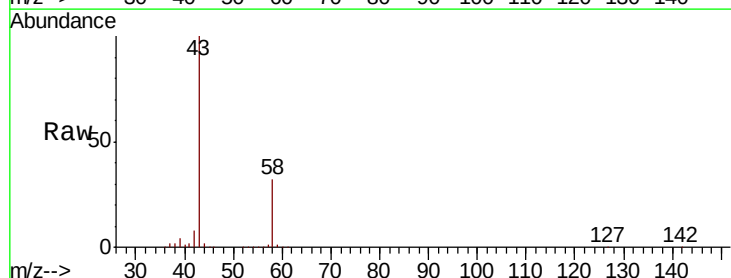
Acq: 07 Oct 2019 14:26

Tgt Ion: 43 Resp: 5263909

Ion Ratio Lower Upper

43 100

58 32.3 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.48

2500000

2000000

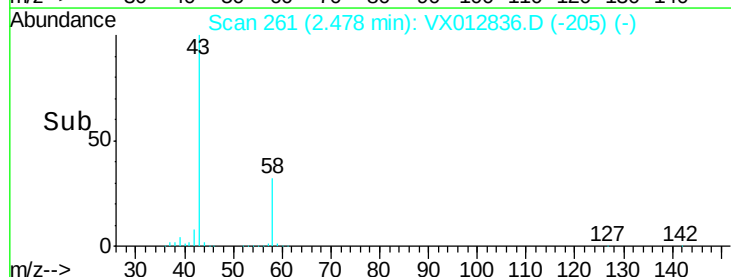
1500000

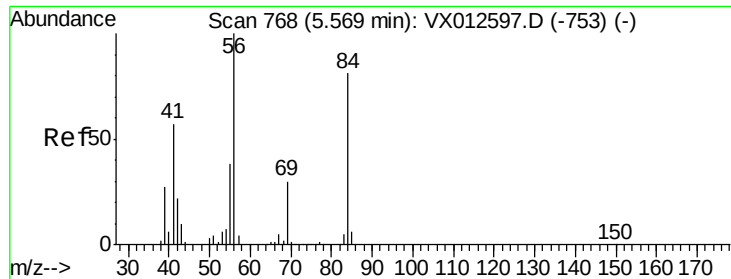
1000000

500000

0

Time--> 2.30 2.40 2.50 2.60 2.70

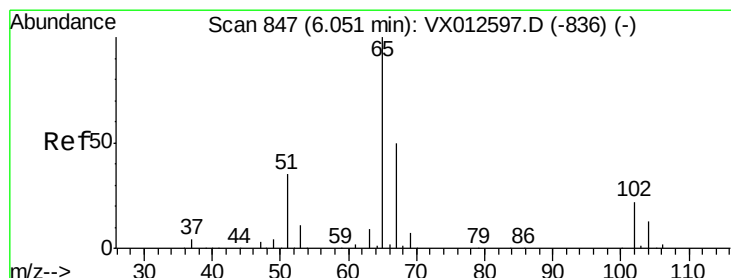
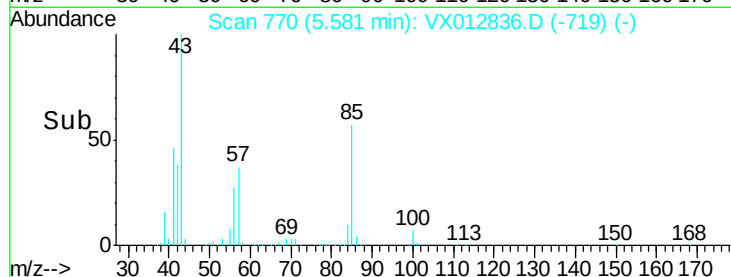
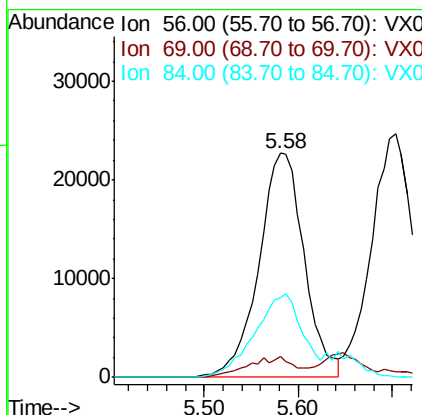
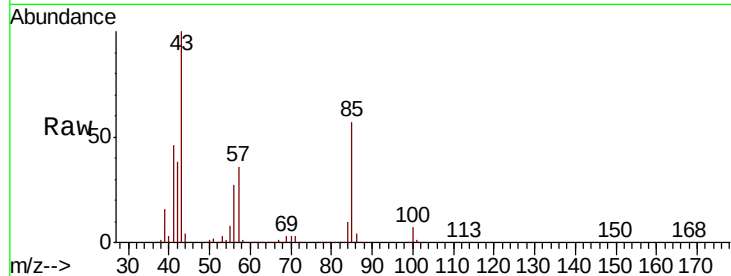




#31
Cyclohexane
Concen: 23.035 ug/l
RT: 5.58 min Scan# 770
Delta R.T. 0.01 min
Lab File: VX012836.D
Acq: 07 Oct 2019 14:26

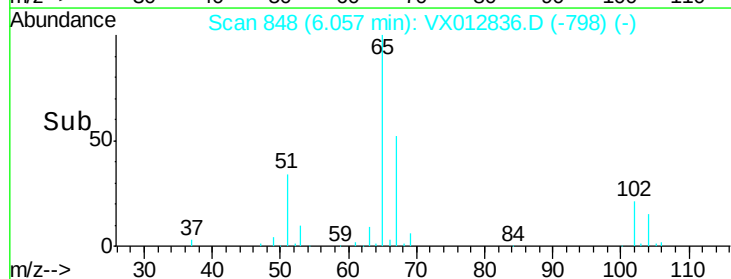
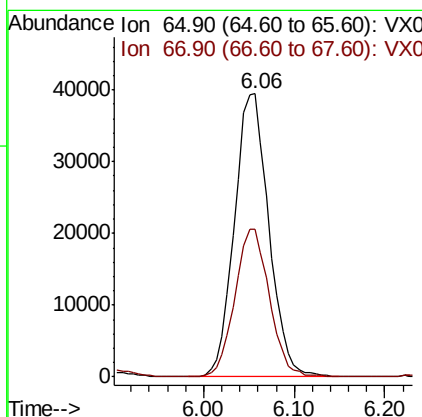
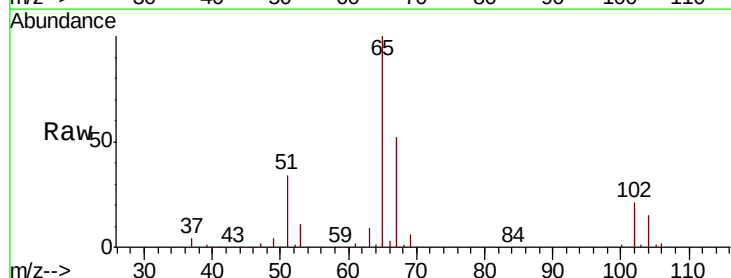
Instrument :
MSVOA_X
ClientSampleId :
13933ME

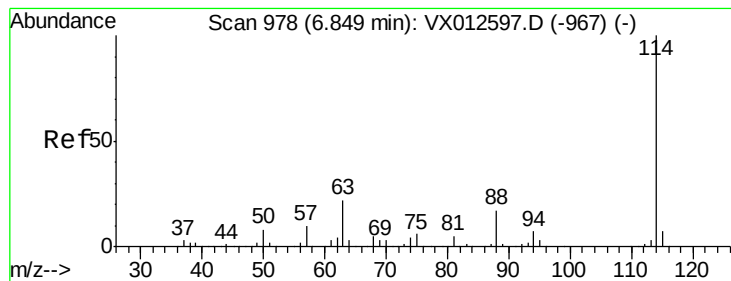
Tot Ion: 56 Resp: 76385
Ion Ratio Lower Upper
56 100
69 9.5 25.0 37.6#
84 35.4 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 43.587 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX012836.D
Acq: 07 Oct 2019 14:26

Tgt Ion: 65 Resp: 103837
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012836.D

Acq: 07 Oct 2019 14:26

Instrument :

MSVOA_X

ClientSampleId :

13933ME

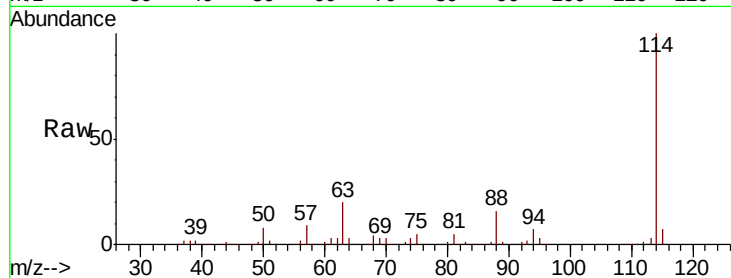
Tot Ion:114 Resp: 278105

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

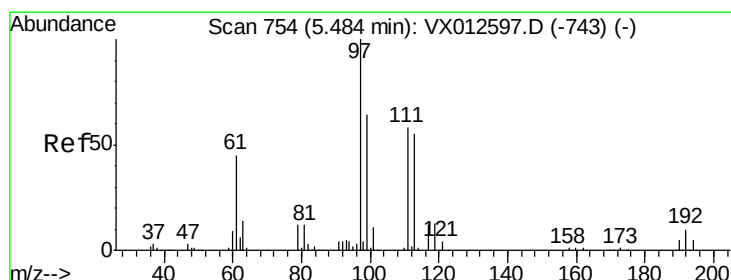
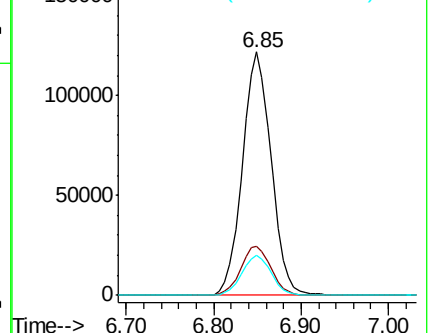
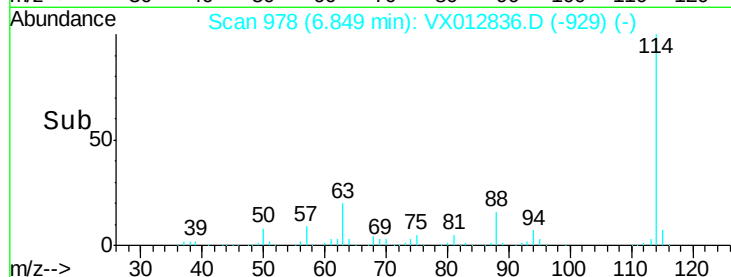
88 16.5 0.0 33.2



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: 47.924 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012836.D

Acq: 07 Oct 2019 14:26

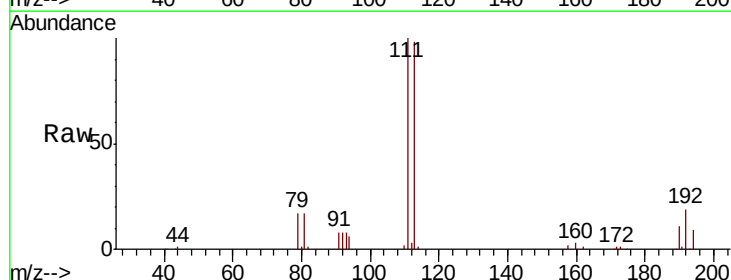
Tgt Ion:113 Resp: 79374

Ion Ratio Lower Upper

113 100

111 101.5 83.4 125.2

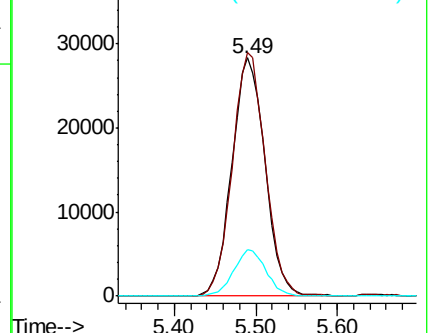
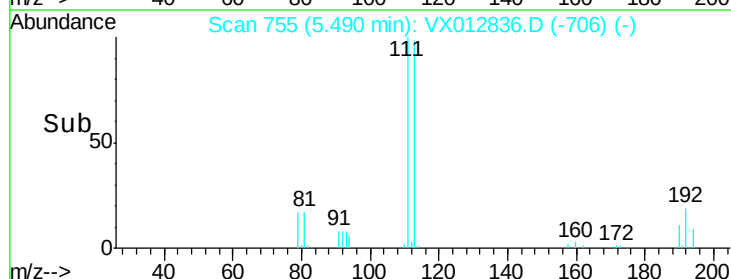
192 19.0 14.4 21.6

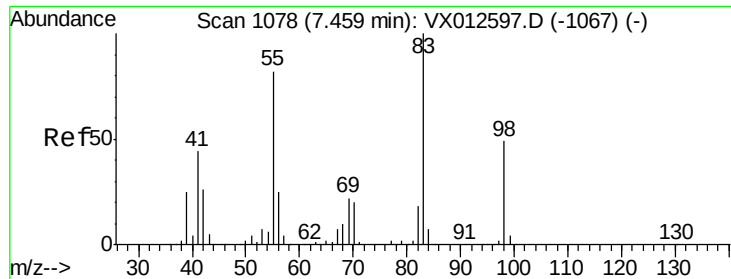


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

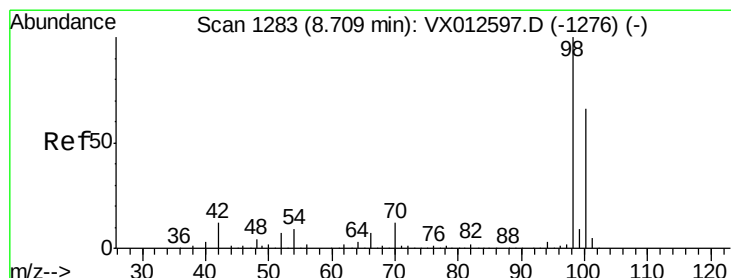
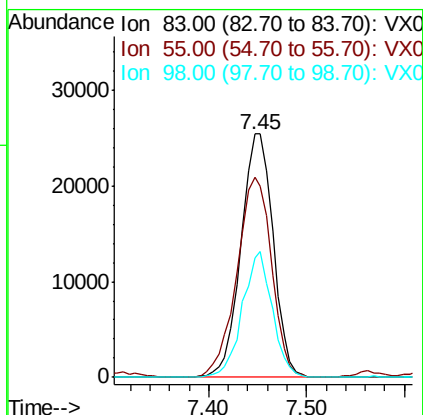
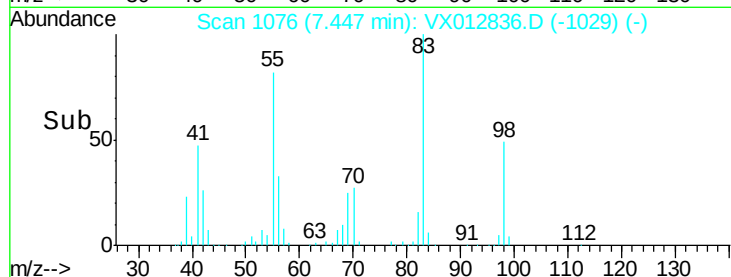
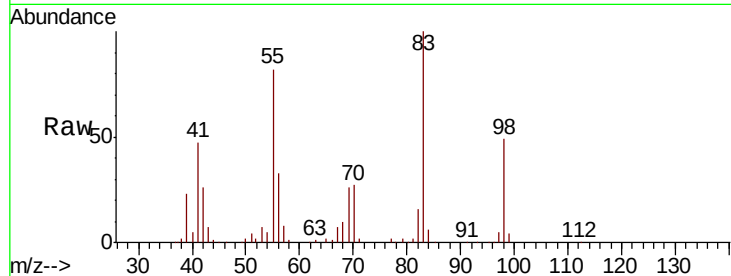




#39
Methylvlcyclohexane
Concen: 18.040 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. -0.01 min
Lab File: VX012836.D
Acq: 07 Oct 2019 14:26

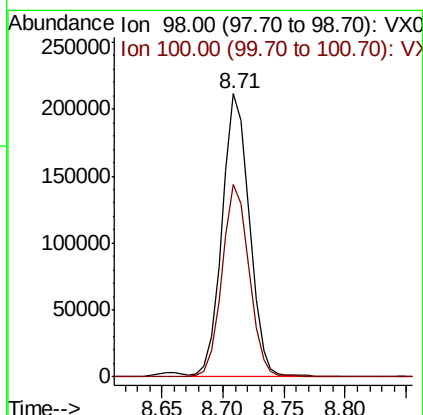
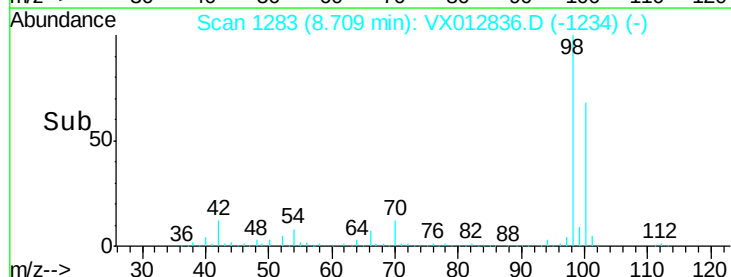
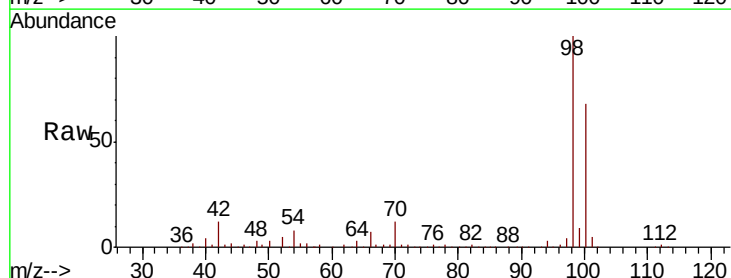
Instrument :
MSVOA_X
ClientSampleId :
13933ME

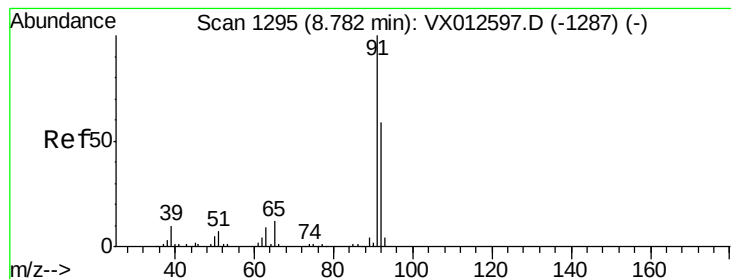
Tot Ion: 83 Resp: 58217
Ion Ratio Lower Upper
83 100
55 82.0 64.4 96.6
98 49.2 40.1 60.1



#50
Toluene-d8
Concen: 51.177 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012836.D
Acq: 07 Oct 2019 14:26

Tgt Ion: 98 Resp: 326421
Ion Ratio Lower Upper
98 100
100 67.0 53.4 80.2





#52

Toluene

Concen: 479.879 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012836.D

Acq: 07 Oct 2019 14:26

Instrument :

MSVOA_X

ClientSampleId :

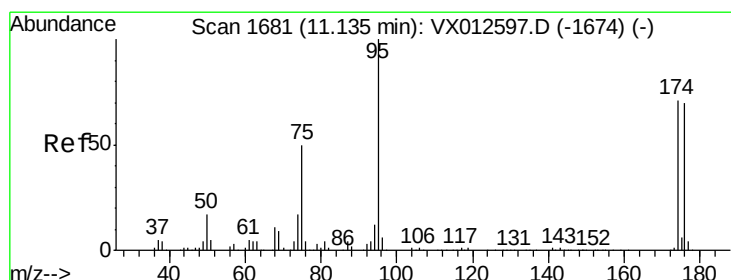
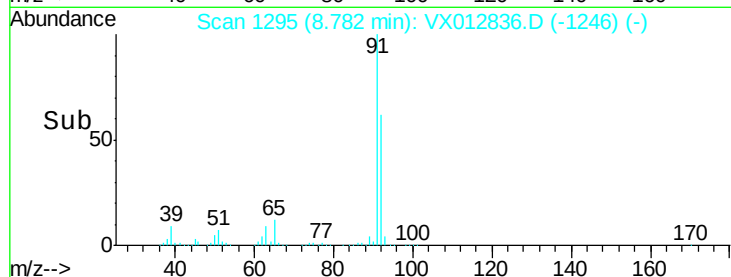
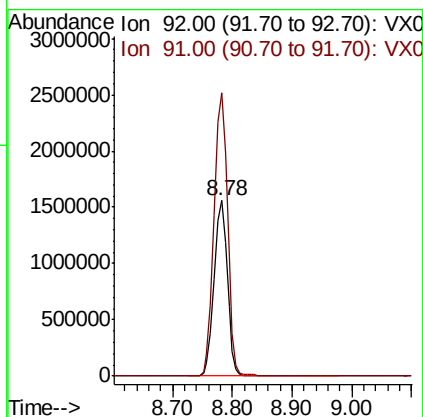
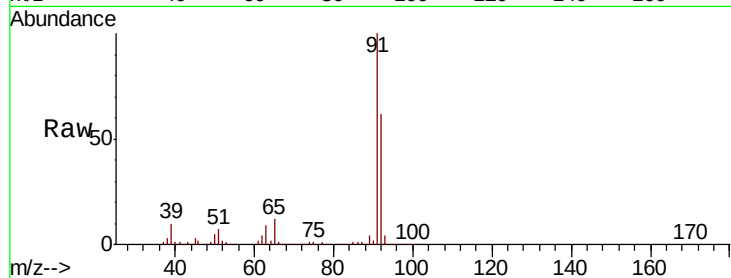
13933ME

Tot Ion: 92 Resp: 2378837

Ion Ratio Lower Upper

92 100

91 165.3 135.4 203.0



#62

4-Bromofluorobenzene

Concen: 49.079 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012836.D

Acq: 07 Oct 2019 14:26

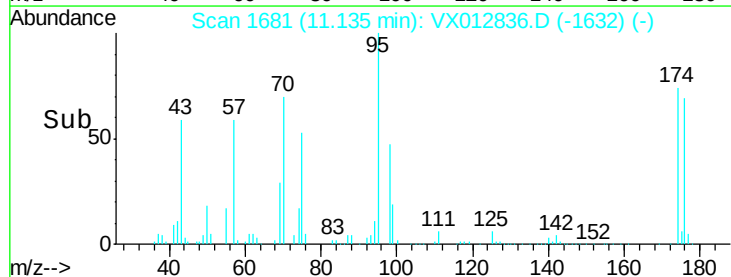
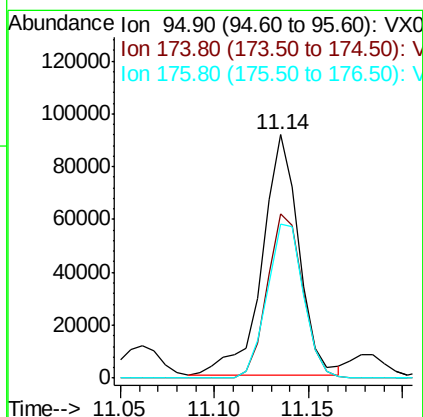
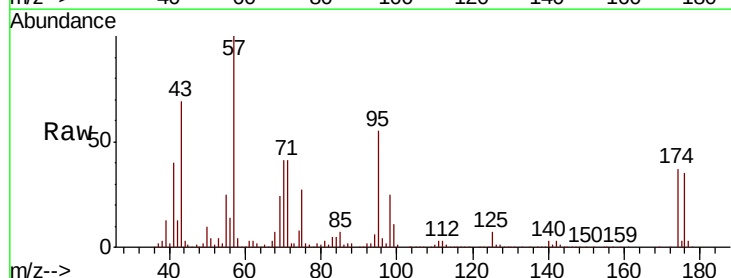
Tgt Ion: 95 Resp: 123087

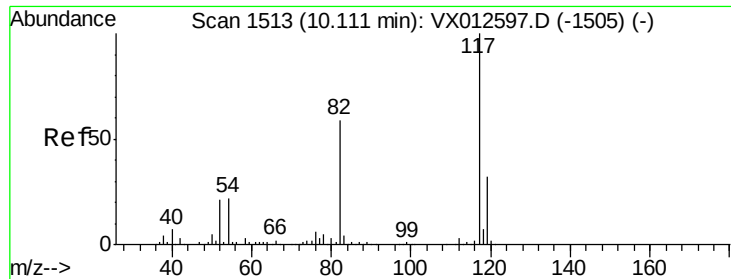
Ion Ratio Lower Upper

95 100

174 66.1 0.0 140.0

176 63.9 0.0 135.4

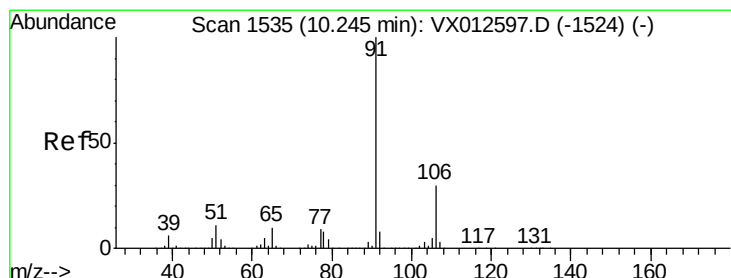
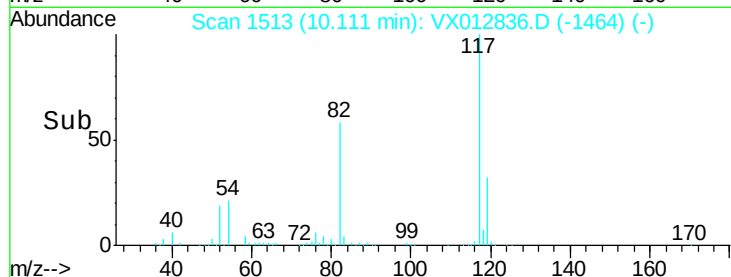
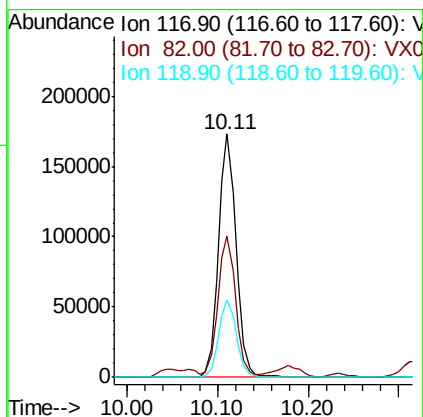
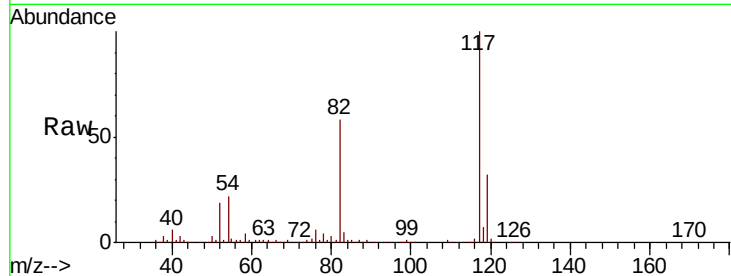




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012836.D
Acq: 07 Oct 2019 14:26

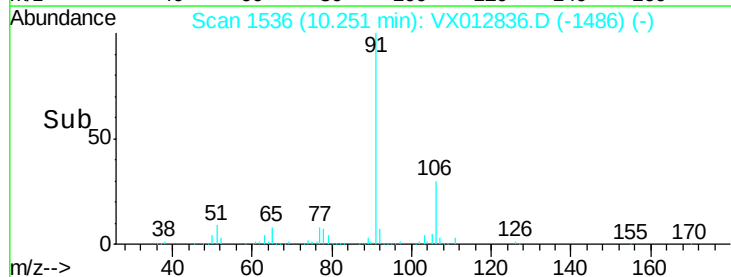
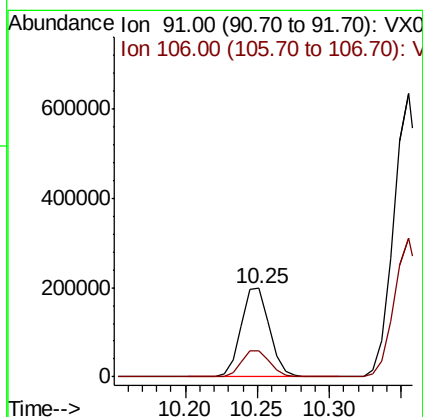
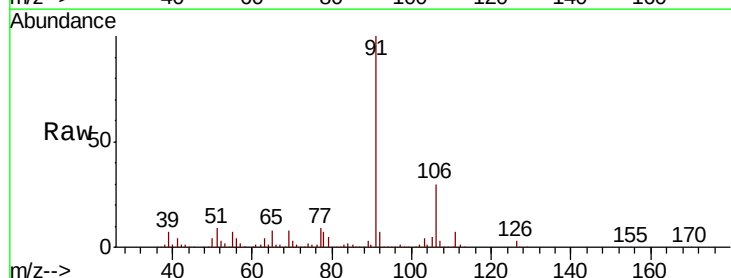
Instrument :
MSVOA_X
ClientSampleId :
13933ME

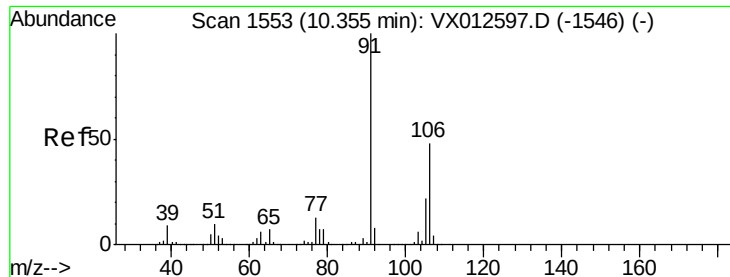
Tot Ion:117 Resp: 235265
Ion Ratio Lower Upper
117 100
82 56.4 45.9 68.9
119 31.8 25.3 37.9



#67
Ethyl Benzene
Concen: 30.453 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012836.D
Acq: 07 Oct 2019 14:26

Tgt Ion: 91 Resp: 273635
Ion Ratio Lower Upper
91 100
106 29.9 24.6 37.0





#68

m/p-Xylenes

Concen: 121.268 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX012836.D

Acq: 07 Oct 2019 14:26

Instrument :

MSVOA_X

ClientSampled :

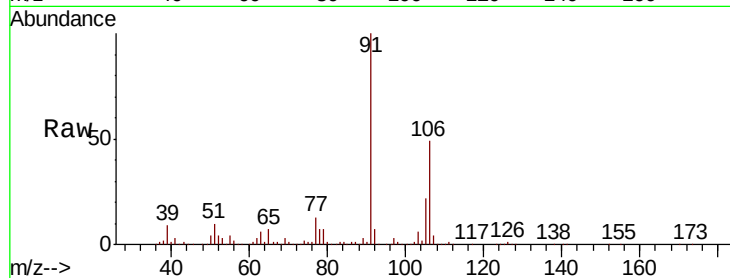
13933ME

Tot Ion:106 Resp: 408192

Ion Ratio Lower Upper

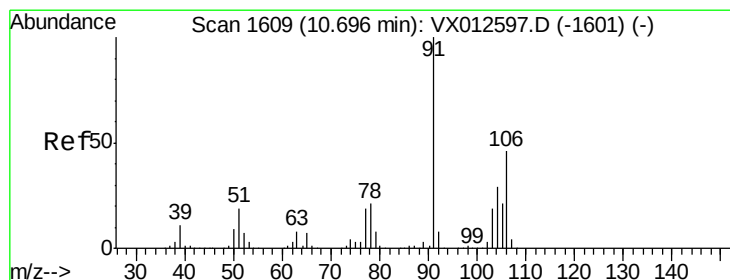
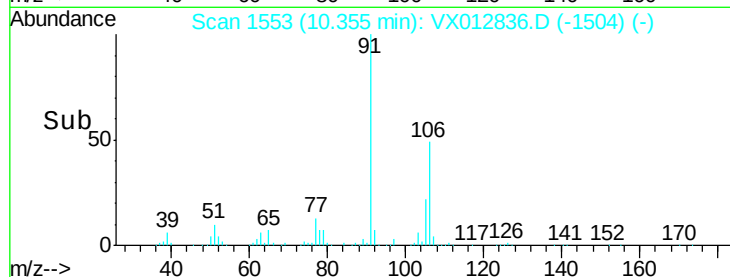
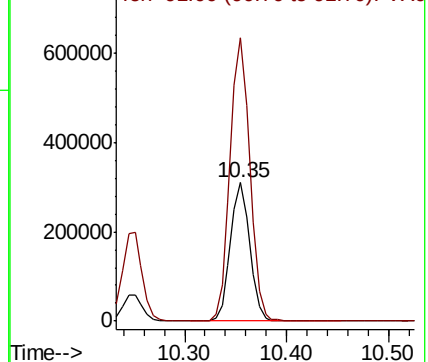
106 100

91 208.4 166.6 250.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 66.637 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX012836.D

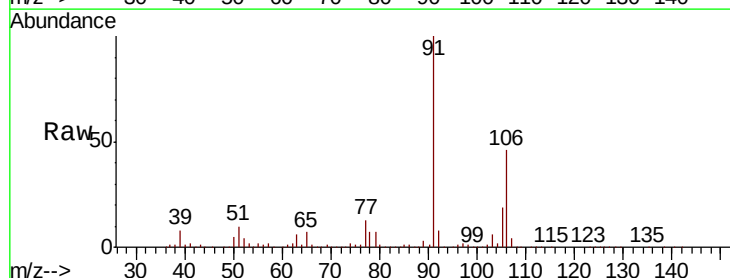
Acq: 07 Oct 2019 14:26

Tgt Ion:106 Resp: 217038

Ion Ratio Lower Upper

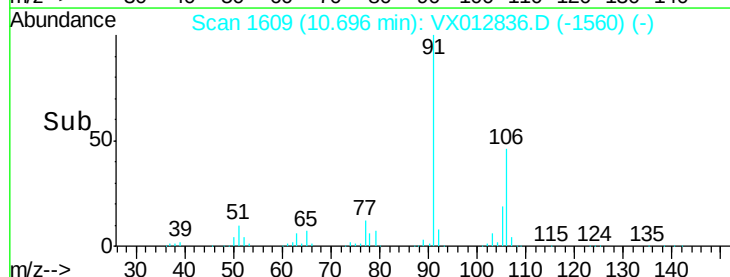
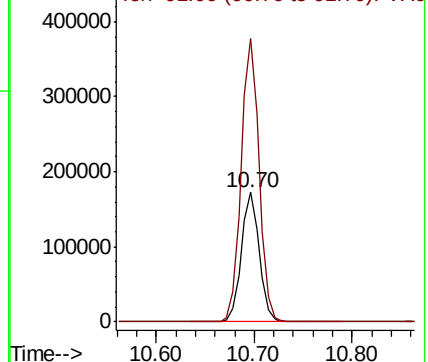
106 100

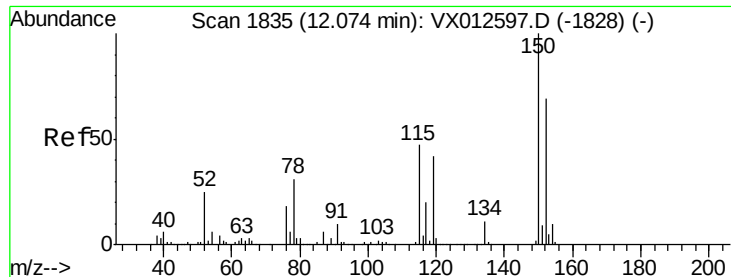
91 220.1 109.4 328.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



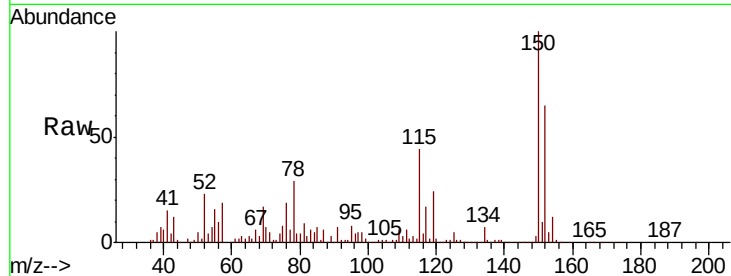


#72

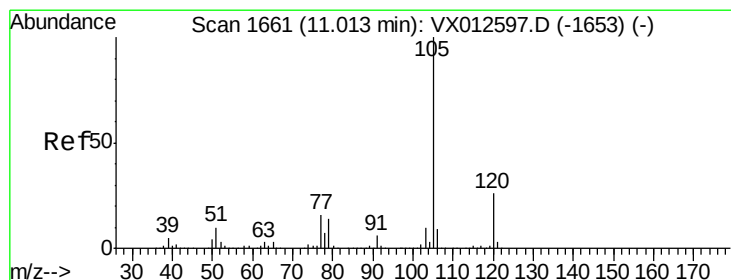
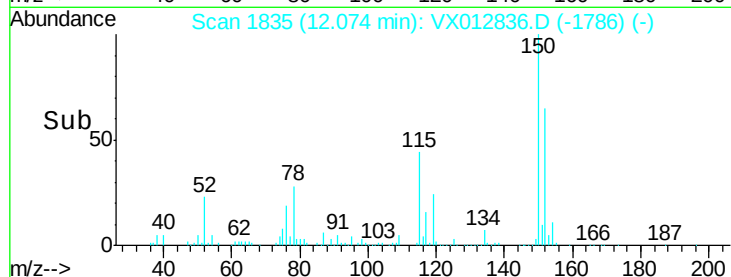
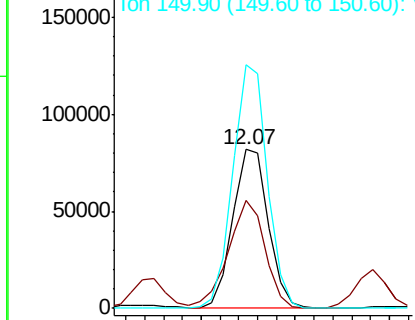
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012836.D
Acq: 07 Oct 2019 14:26

Instrument :
MSVOA_X
ClientSampleId :
13933ME

Tot Ion	Ratio	Lower	Upper
152	100		
115	68.9	44.1	132.3
150	148.5	0.0	343.8



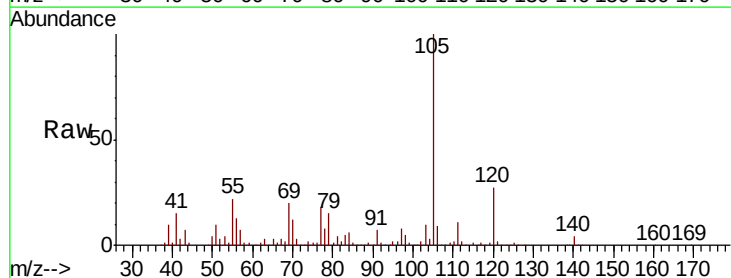
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



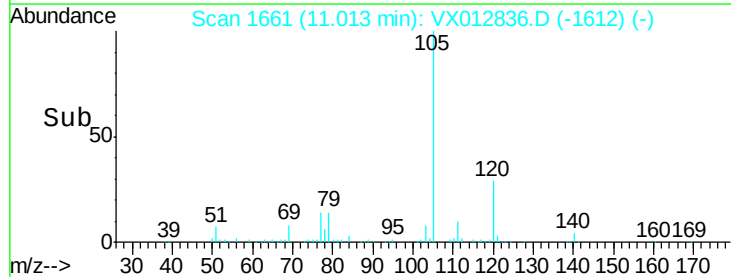
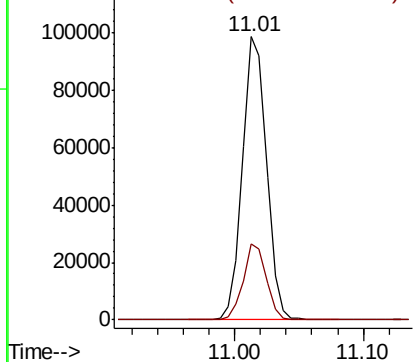
#73

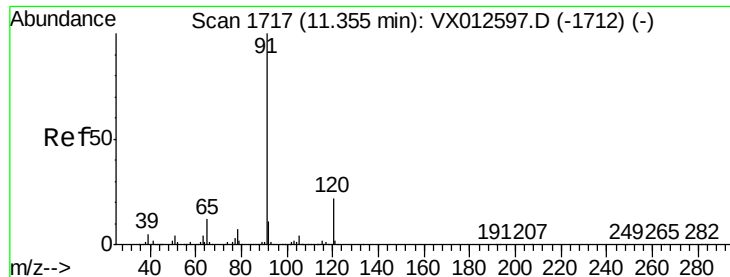
Isopropylbenzene
Concen: 14.567 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX012836.D
Acq: 07 Oct 2019 14:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.5	12.9	38.7



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





#78

n-propylbenzene

Concen: 47.433 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012836.D

Acq: 07 Oct 2019 14:26

Instrument :

MSVOA_X

ClientSampleId :

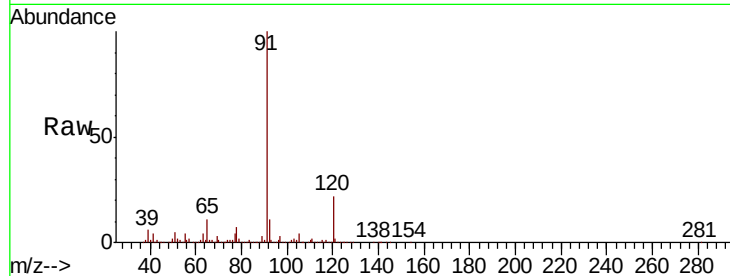
13933ME

Tot Ion: 91 Resp: 466035

Ion Ratio Lower Upper

91 100

120 23.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.35

400000

300000

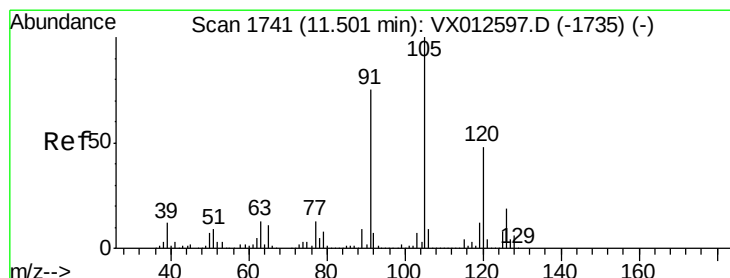
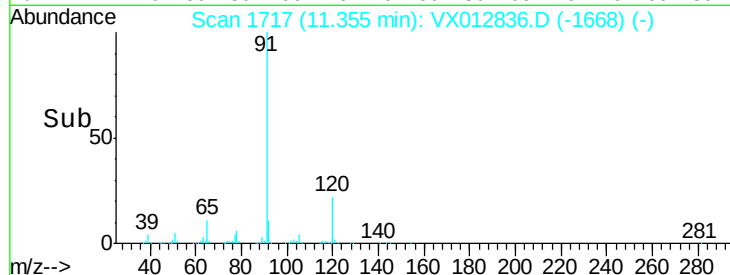
200000

100000

0

11.30 11.35 11.40

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 70.088 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX012836.D

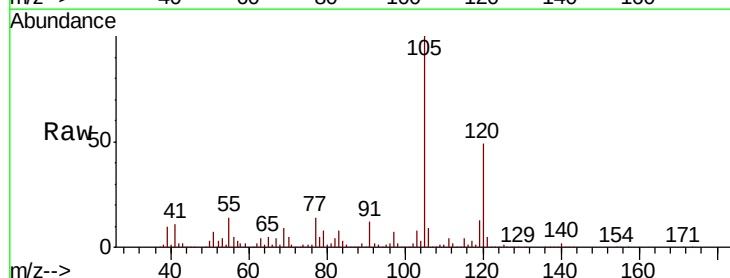
Acq: 07 Oct 2019 14:26

Tgt Ion:105 Resp: 512931

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

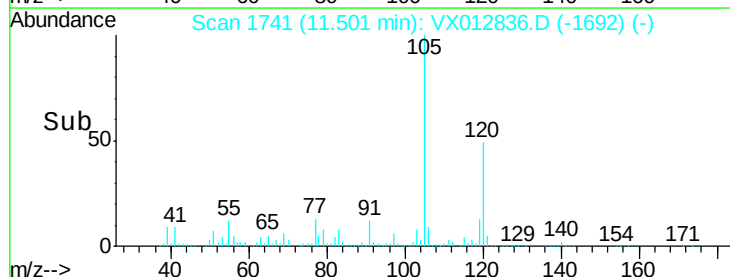
400000

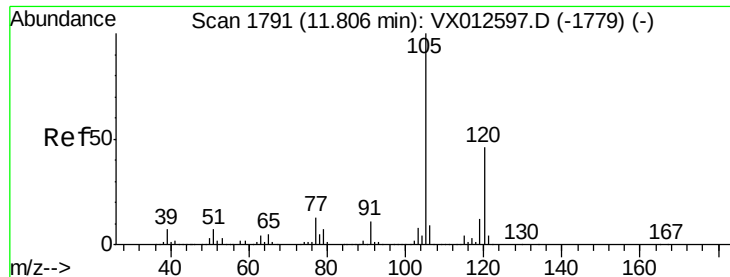
200000

0

11.45 11.50 11.55

Time-->

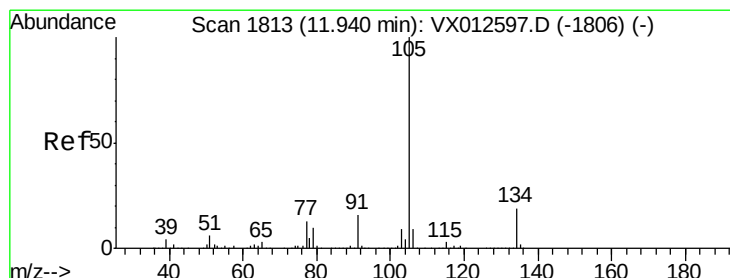
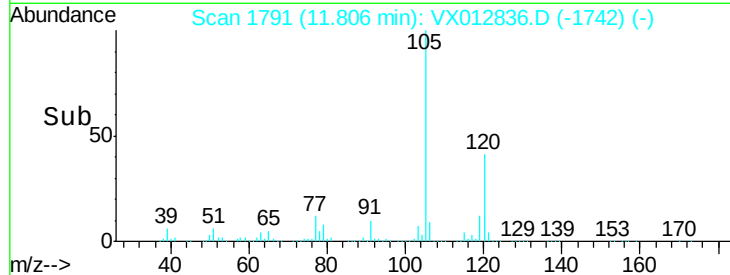
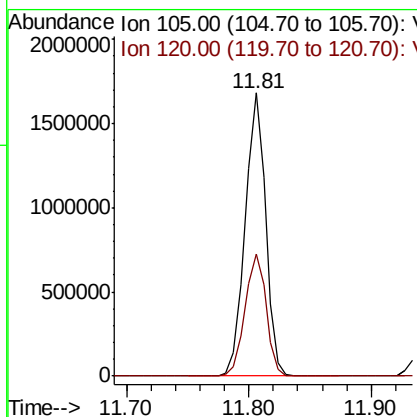
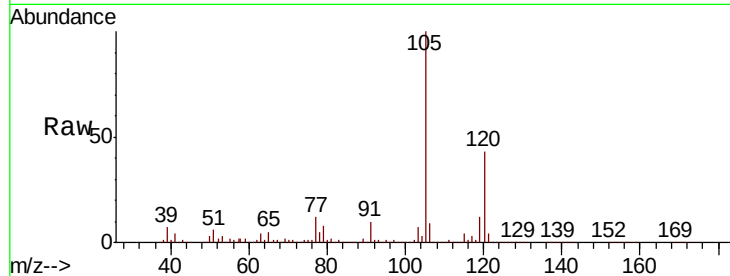




#84
 1,2,4-Trimethylbenzene
 Concen: 264.076 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012836.D
 Acq: 07 Oct 2019 14:26

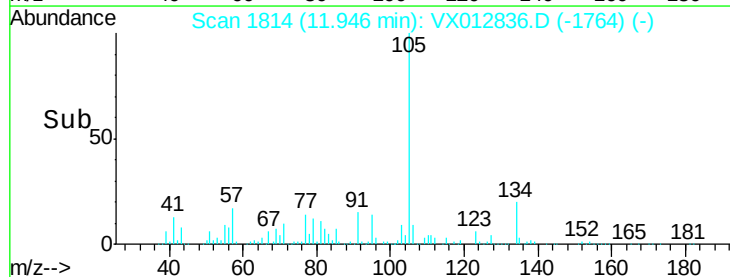
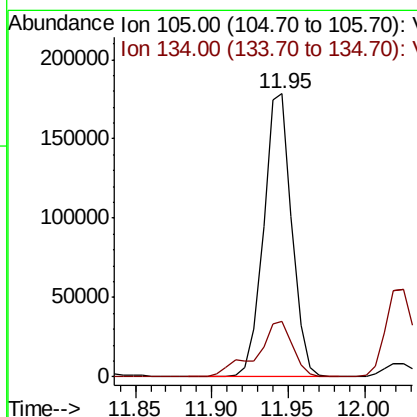
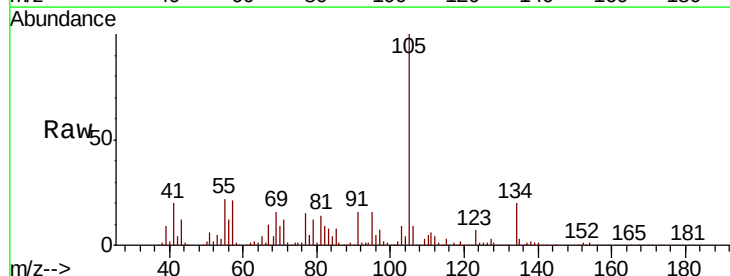
Instrument :
 MSVOA_X
 ClientSampleId :
 13933ME

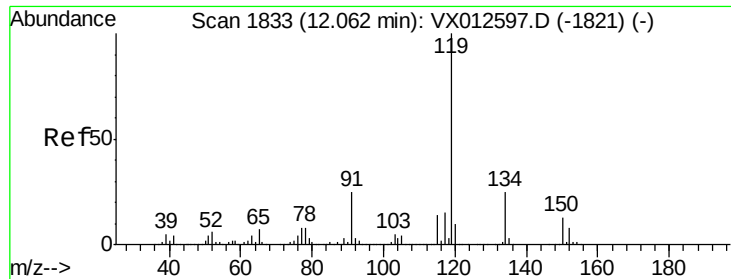
Tot Ion:105 Resp: 1949578
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.2 66.6



#85
 sec-Butylbenzene
 Concen: 27.694 ug/l
 RT: 11.95 min Scan# 1814
 Delta R.T. 0.01 min
 Lab File: VX012836.D
 Acq: 07 Oct 2019 14:26

Tgt Ion:105 Resp: 227400
 Ion Ratio Lower Upper
 105 100
 134 25.4 9.8 29.4

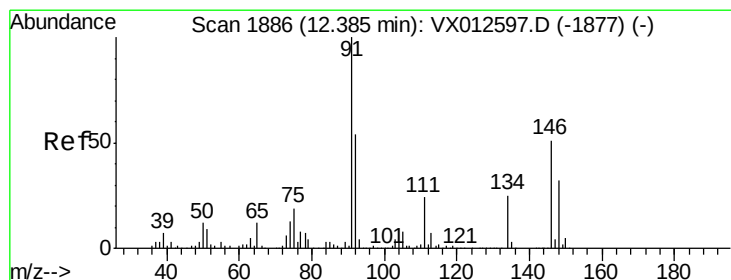
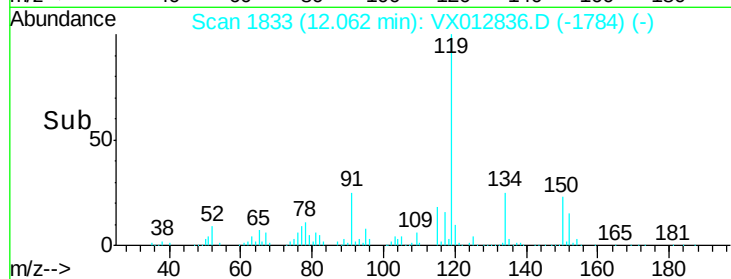
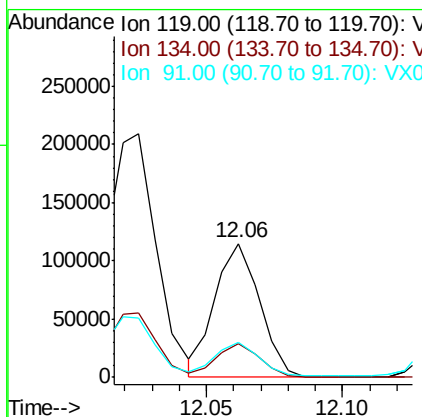
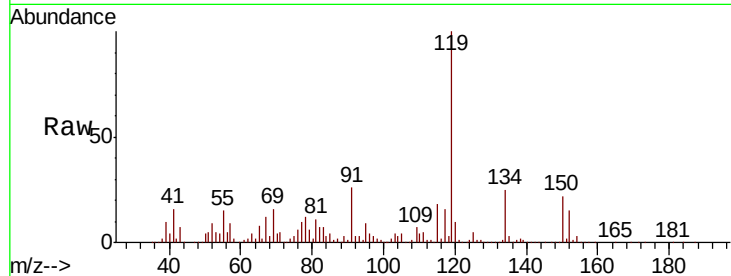




#86
 p-Isopropyltoluene
 Concen: 17.714 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012836.D
 Acq: 07 Oct 2019 14:26

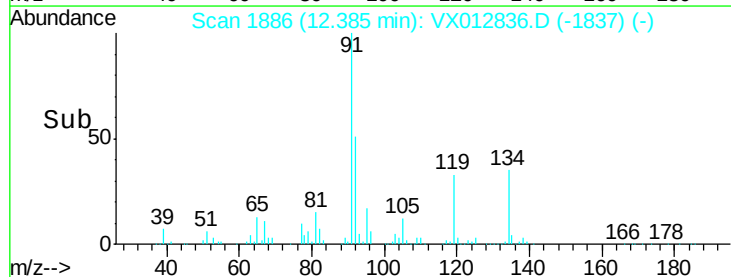
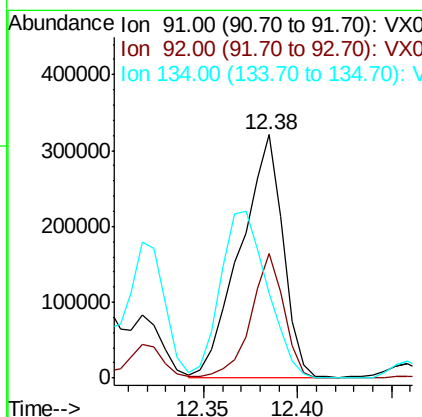
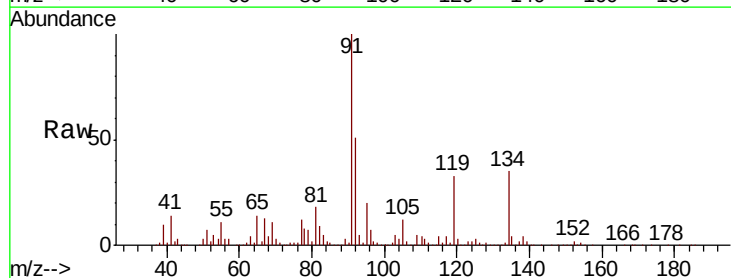
Instrument :
 MSVOA_X
 ClientSampled :
 13933ME

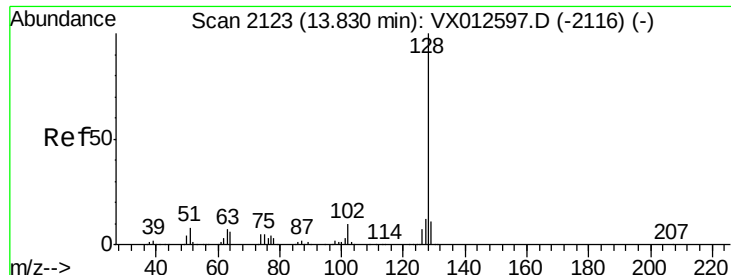
Tot Ion:119 Resp: 131240
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.7 38.1
 91 24.9 12.8 38.4



#89
 n-Butylbenzene
 Concen: 76.455 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012836.D
 Acq: 07 Oct 2019 14:26

Tgt Ion: 91 Resp: 499151
 Ion Ratio Lower Upper
 91 100
 92 40.1 27.7 83.0
 134 75.8 12.9 38.6#





#95
Naphthalene
Concen: 24.934 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012836.D
Acq: 07 Oct 2019 14:26

Instrument :
MSVOA_X
ClientSampleId :
13933ME

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.2	15.4
129	15.1	8.8	13.2

