

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092419\
 Data File : VX012646.D
 Acq On : 24 Sep 2019 20:24
 Operator : JC/SP
 Sample : K5008-03ME
 Misc : 5.82g/5mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-3ME

Quant Time: Sep 25 07:02:35 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

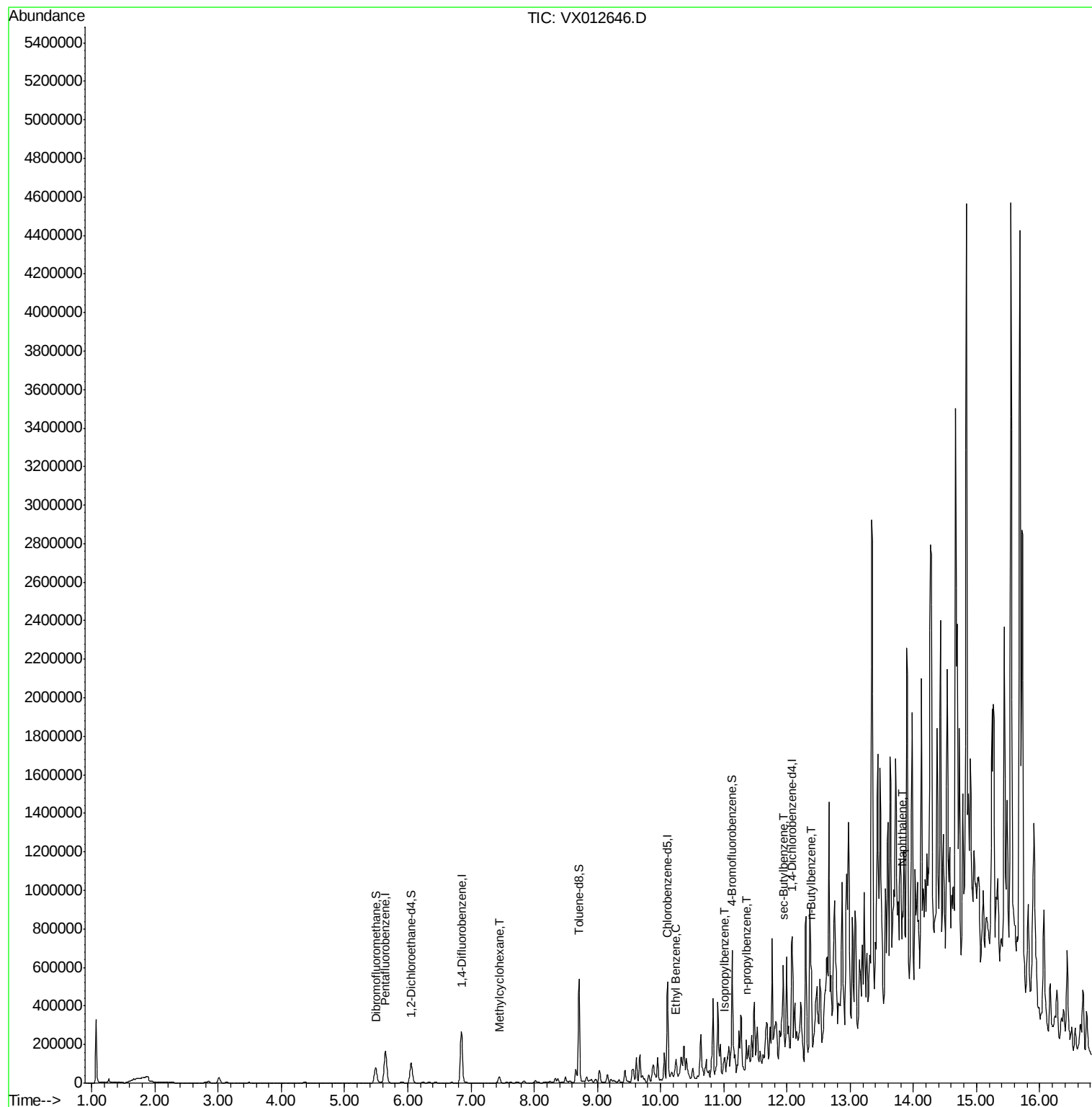
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	151079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	256917	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	222324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	96231	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	105853	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
35) Dibromofluoromethane	5.50	113	70357	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	
50) Toluene-d8	8.71	98	307033	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
62) 4-Bromofluorobenzene	11.14	95	118773	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
Target Compounds						
39) Methylcyclohexane	7.45	83	13457	4.514	ug/l #	90
67) Ethyl Benzene	10.25	91	40097	4.722	ug/l	93
73) Isopropylbenzene	11.01	105	40929	5.222	ug/l	99
78) n-propylbenzene	11.35	91	97499	11.049	ug/l	99
85) sec-Butylbenzene	11.94	105	110292	14.956	ug/l	85
89) n-Butylbenzene	12.38	91	119995	20.465	ug/l #	82
95) Naphthalene	13.83	128	245613	34.830	ug/l	96

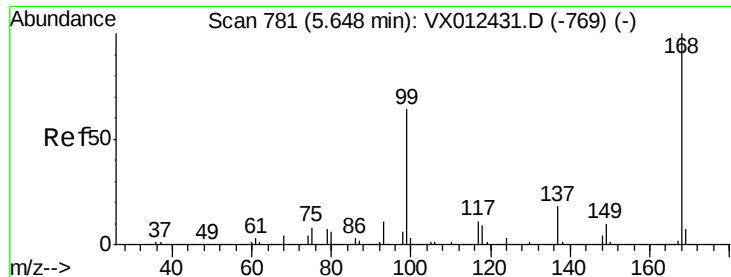
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-3ME

Quant Time: Sep 25 07:02:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012646.D

Acq: 24 Sep 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

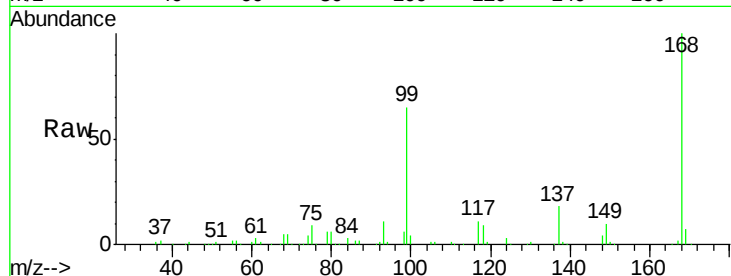
SB-3ME

Tot Ion:168 Resp: 151079

Ion Ratio Lower Upper

168 100

99 65.0 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

60000

50000

40000

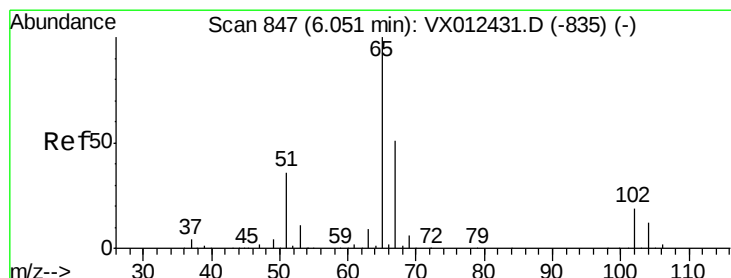
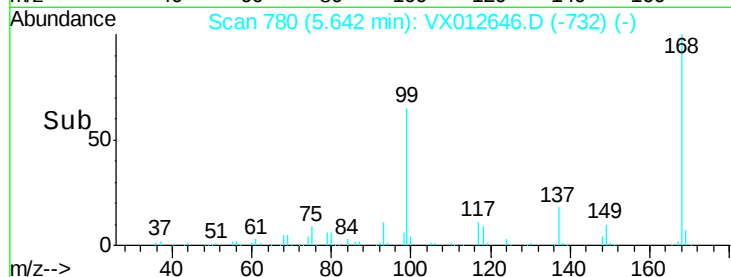
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.115 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012646.D

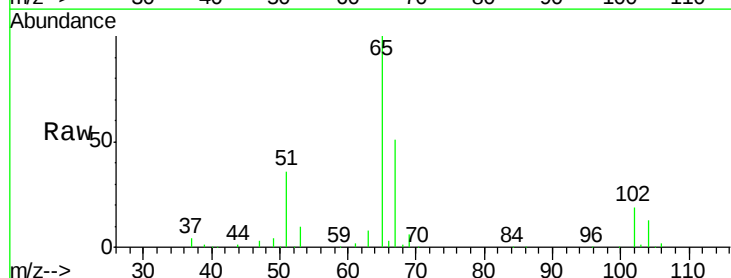
Acq: 24 Sep 2019 20:24

Tgt Ion: 65 Resp: 105853

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

40000

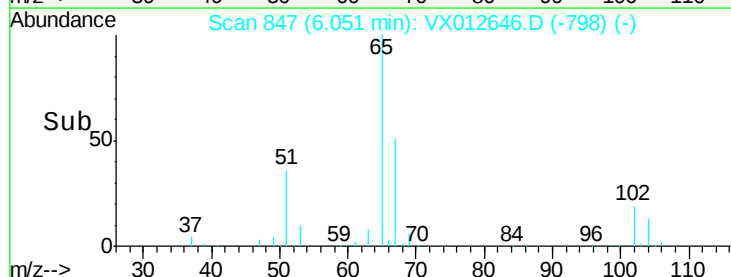
30000

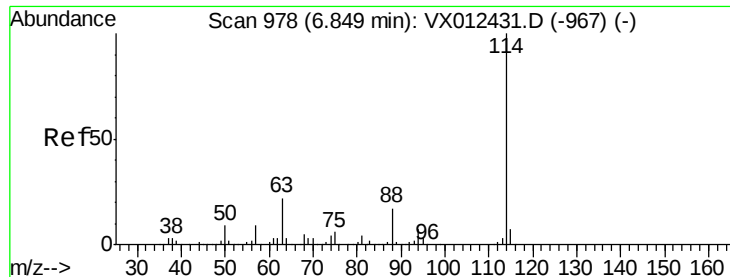
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012646.D

Acq: 24 Sep 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

SB-3ME

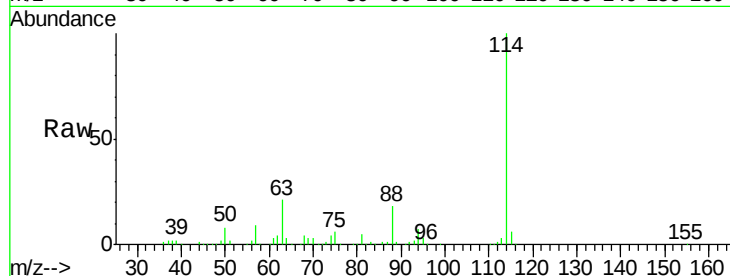
Tot Ion:114 Resp: 256917

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.2

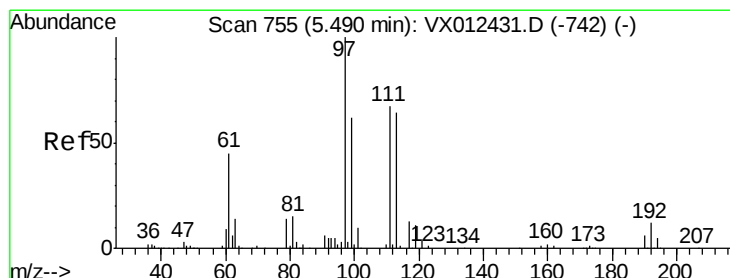
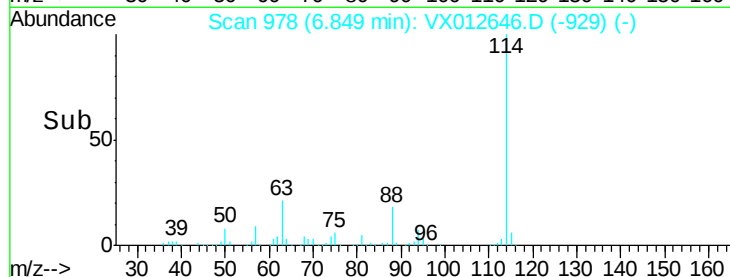
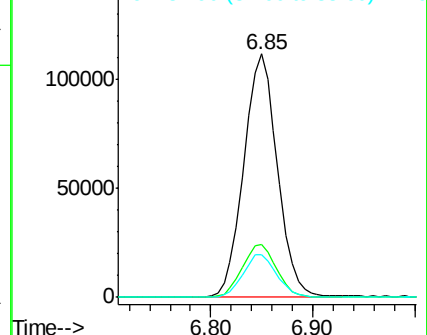
88 17.8 0.0 33.2



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: 45.983 ug/l

RT: 5.50 min Scan# 756

Delta R.T. 0.01 min

Lab File: VX012646.D

Acq: 24 Sep 2019 20:24

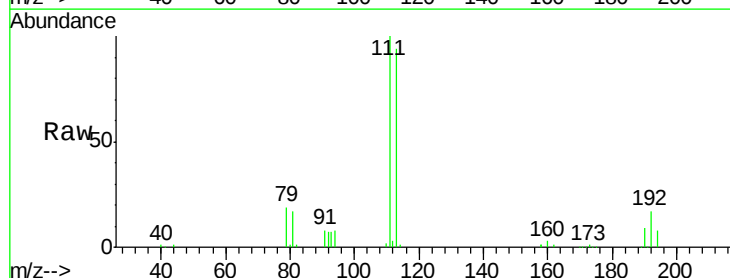
Tgt Ion:113 Resp: 70357

Ion Ratio Lower Upper

113 100

111 105.8 83.4 125.2

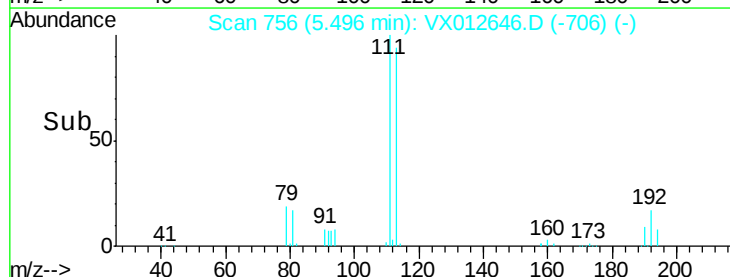
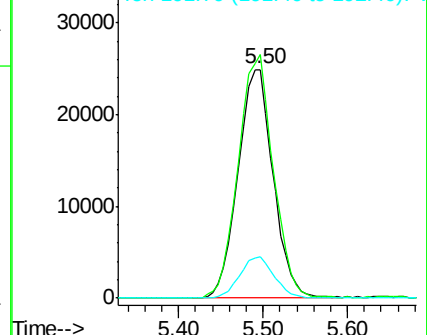
192 17.4 14.4 21.6

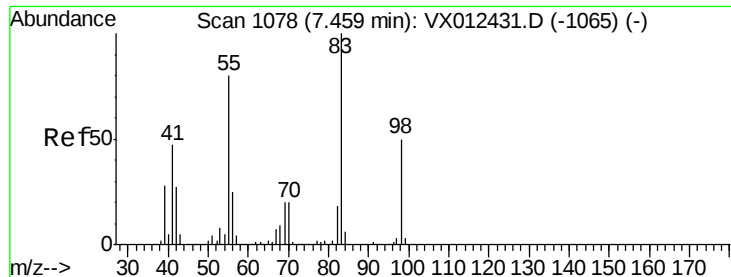


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

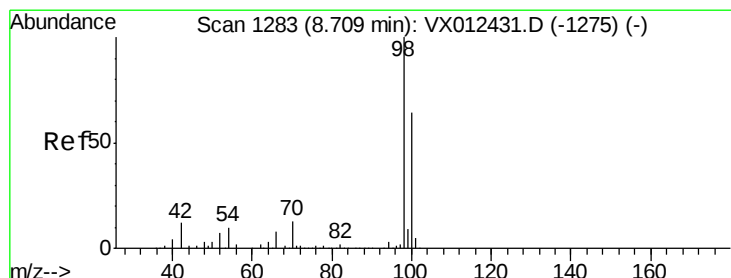
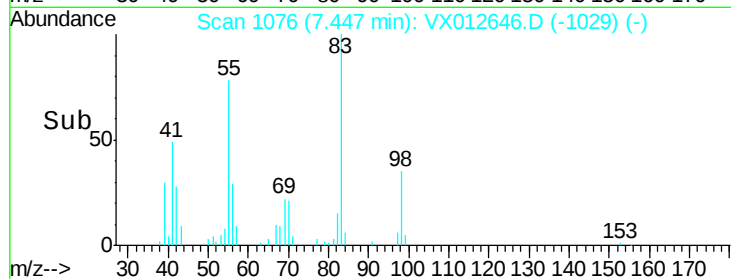
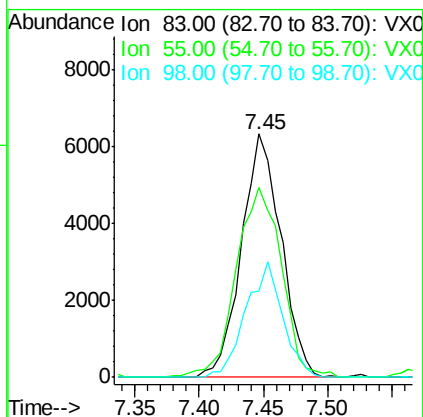
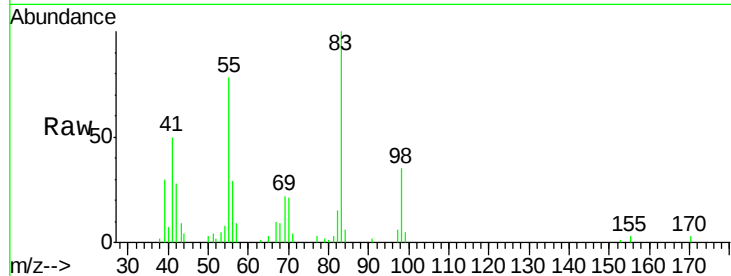




#39
Methvlcvclohexane
Concen: 4.514 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. -0.01 min
Lab File: VX012646.D
Acq: 24 Sep 2019 20:24

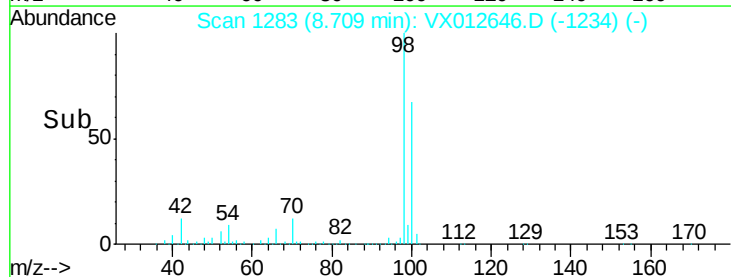
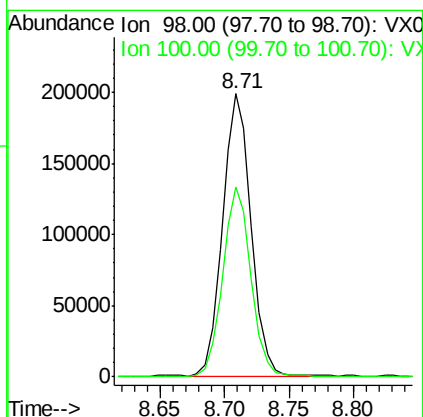
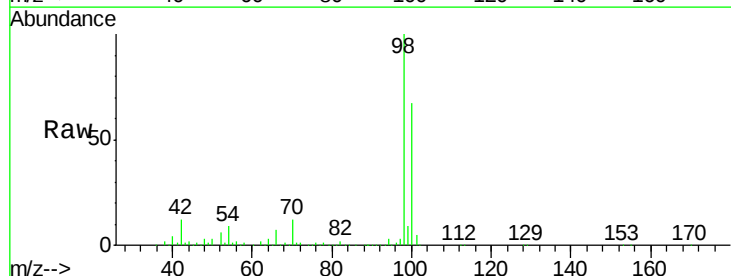
Instrument :
MSVOA_X
ClientSampleId :
SB-3ME

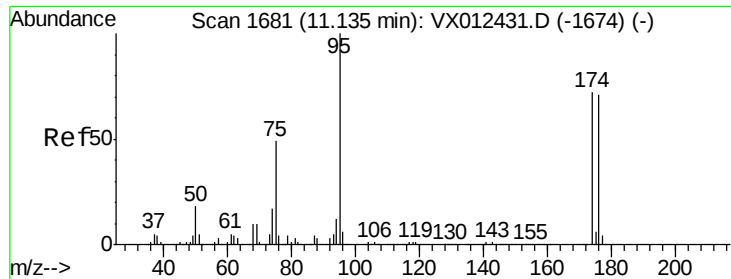
Tot Ion: 83 Resp: 13457
Ion Ratio Lower Upper
83 100
55 78.0 64.4 96.6
98 35.5 40.1 60.1#



#50
Toluene-d8
Concen: 52.107 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012646.D
Acq: 24 Sep 2019 20:24

Tgt Ion: 98 Resp: 307033
Ion Ratio Lower Upper
98 100
100 67.5 53.4 80.2

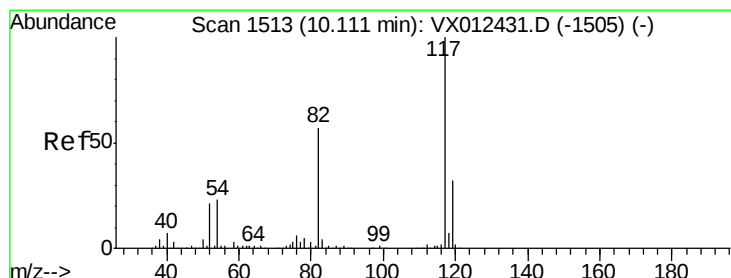
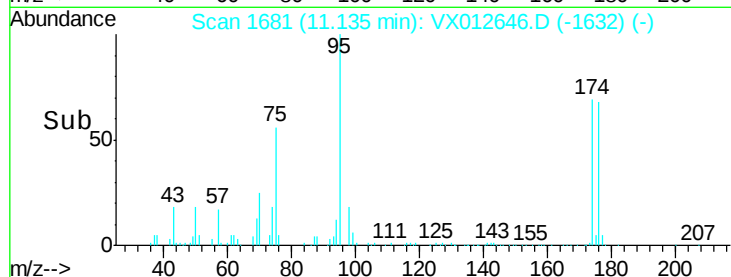
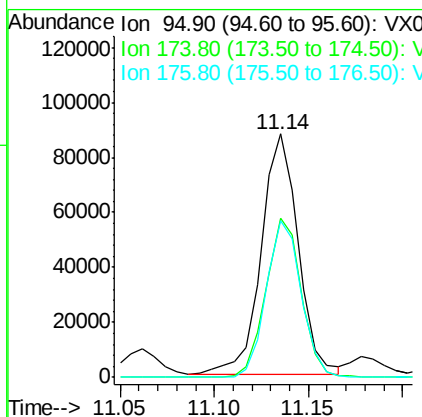
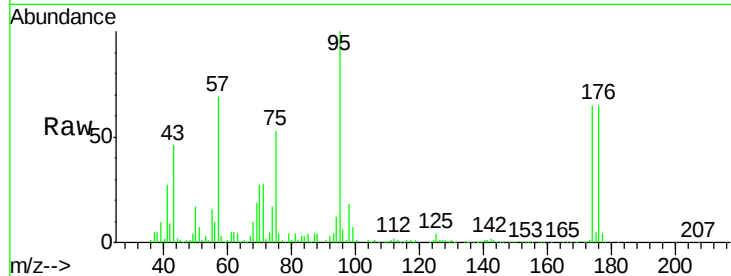




#62
4-Bromofluorobenzene
Concen: 51.264 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012646.D
Acq: 24 Sep 2019 20:24

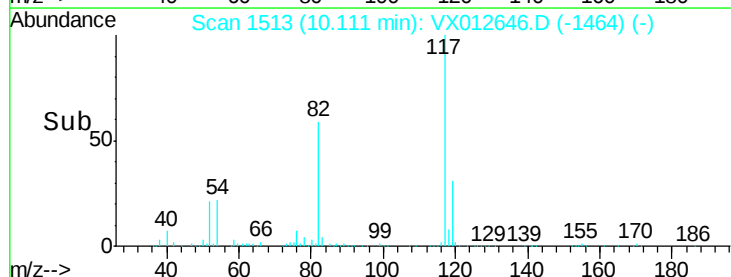
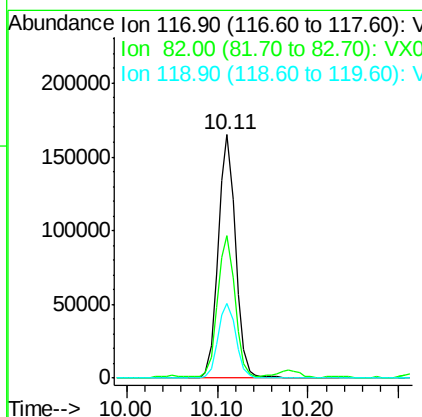
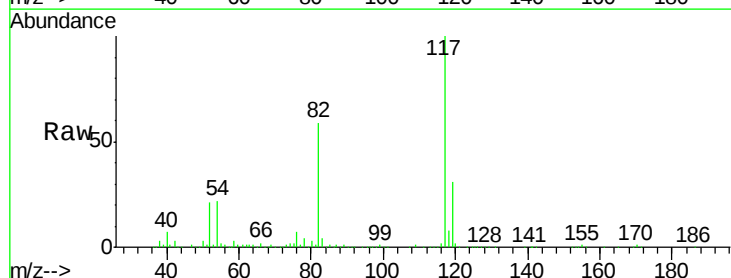
Instrument :
MSVOA_X
ClientSampleId :
SB-3ME

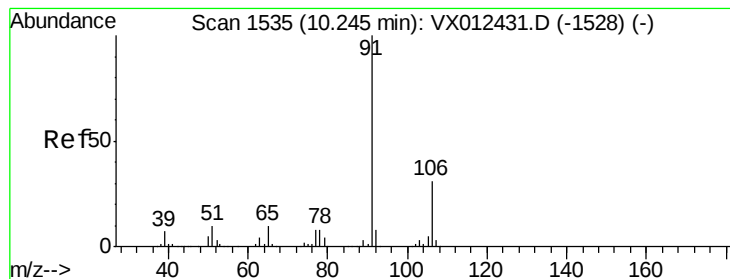
Tot Ion: 95 Resp: 118773
Ion Ratio Lower Upper
95 100
174 63.7 0.0 140.0
176 61.9 0.0 135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012646.D
Acq: 24 Sep 2019 20:24

Tgt Ion: 117 Resp: 222324
Ion Ratio Lower Upper
117 100
82 58.0 45.9 68.9
119 30.7 25.3 37.9





#67

Ethyl Benzene

Concen: 4.722 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX012646.D

Acq: 24 Sep 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

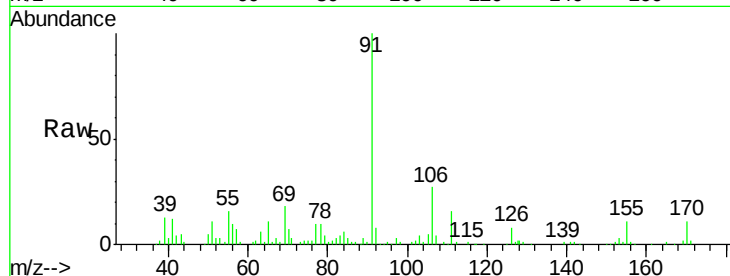
SB-3ME

Tot Ion: 91 Resp: 40097

Ion Ratio Lower Upper

91 100

106 26.8 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX012431.D (-1528) (-)

Ion 106.00 (105.70 to 106.70): VX012431.D (-1528) (-)

10.25

30000

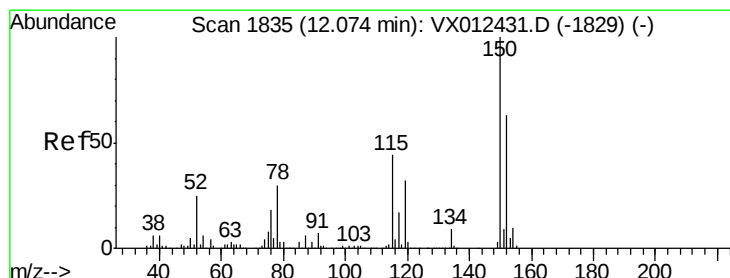
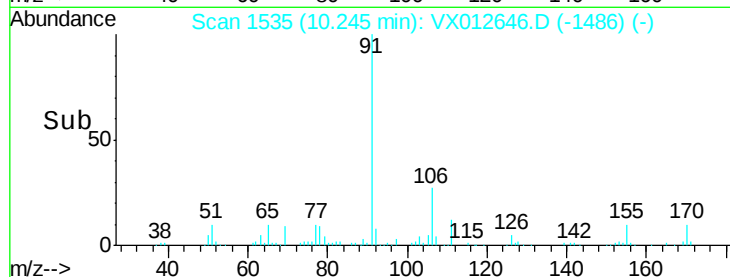
20000

10000

0

10.20 10.25 10.30

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012646.D

Acq: 24 Sep 2019 20:24

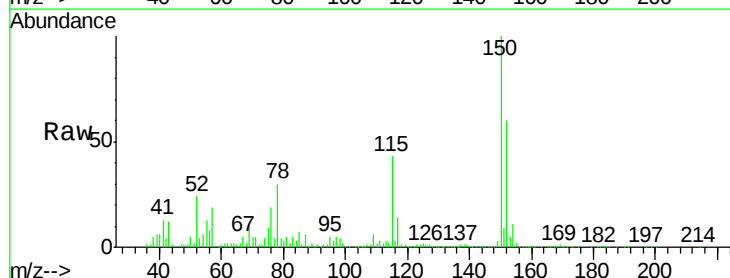
Tgt Ion: 152 Resp: 96231

Ion Ratio Lower Upper

152 100

115 66.9 44.1 132.3

150 160.2 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): VX012431.D (-1829) (-)

Ion 114.90 (114.60 to 115.60): VX012431.D (-1829) (-)

Ion 149.90 (149.60 to 150.60): VX012431.D (-1829) (-)

12.07

150000

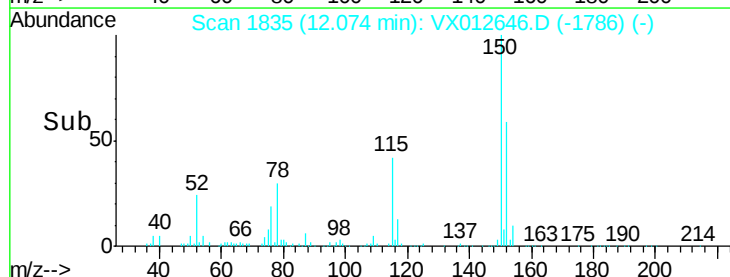
100000

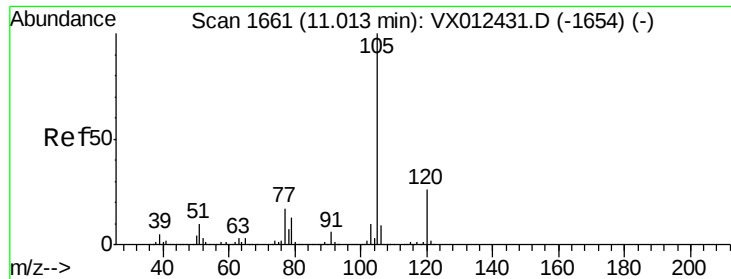
50000

0

12.05 12.10

Time-->





#73

Isopropylbenzene

Concen: 5.222 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012646.D

Acq: 24 Sep 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

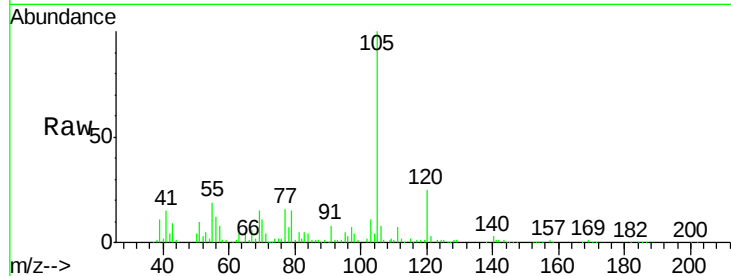
SB-3ME

Tot Ion:105 Resp: 40929

Ion Ratio Lower Upper

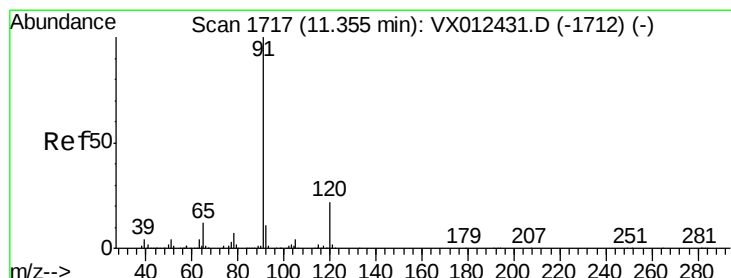
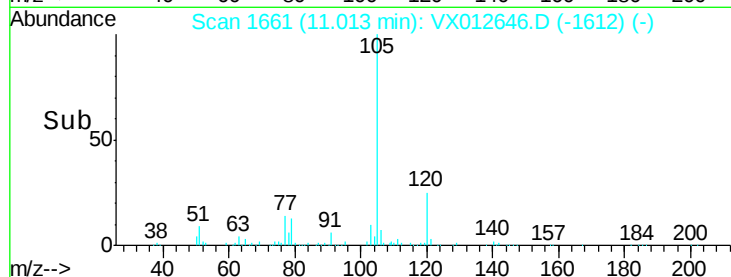
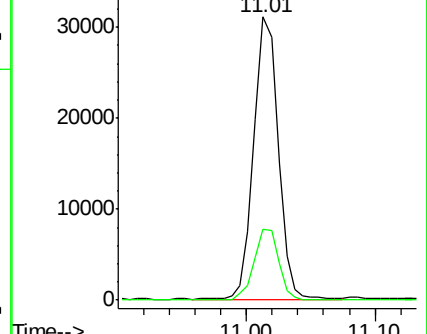
105 100

120 25.1 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: 11.049 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012646.D

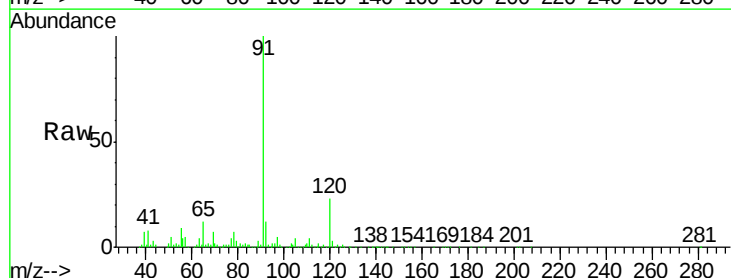
Acq: 24 Sep 2019 20:24

Tgt Ion: 91 Resp: 97499

Ion Ratio Lower Upper

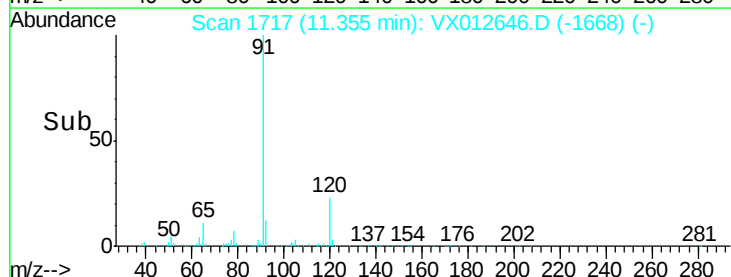
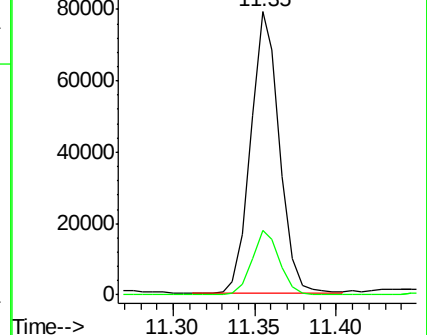
91 100

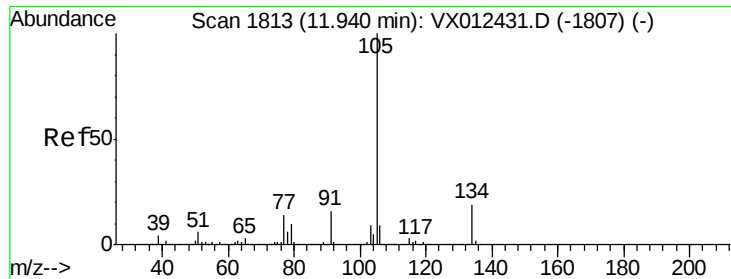
120 22.1 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

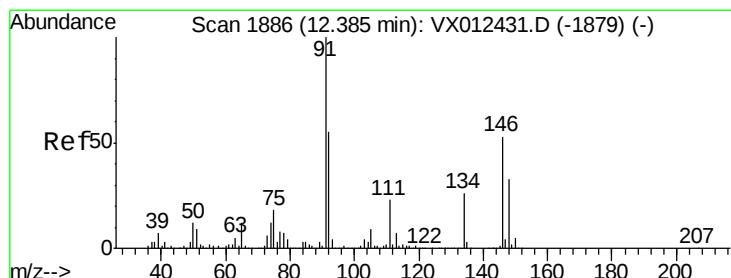
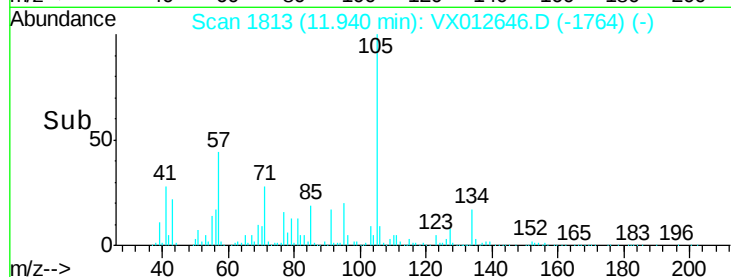
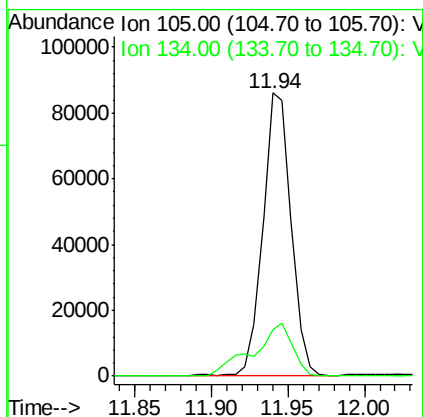
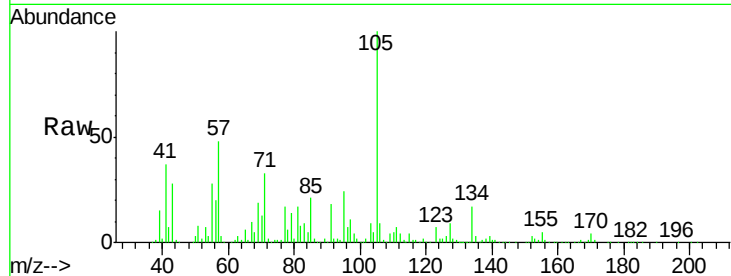




#85
 sec-Butylbenzene
 Concen: 14.956 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012646.D
 Acq: 24 Sep 2019 20:24

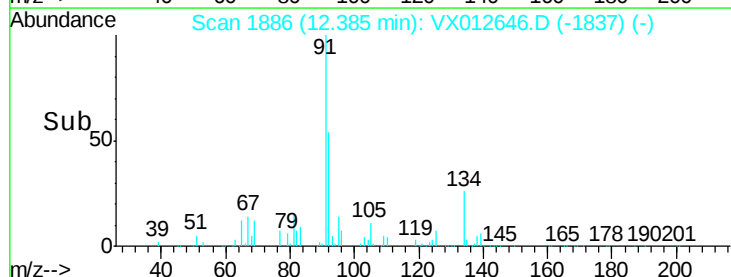
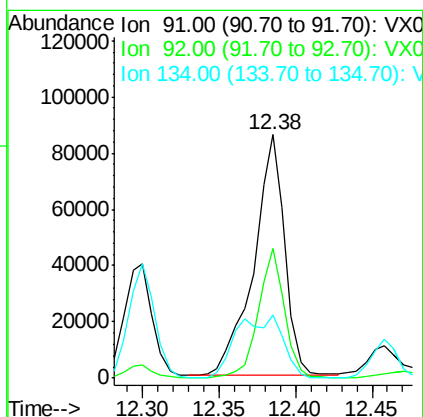
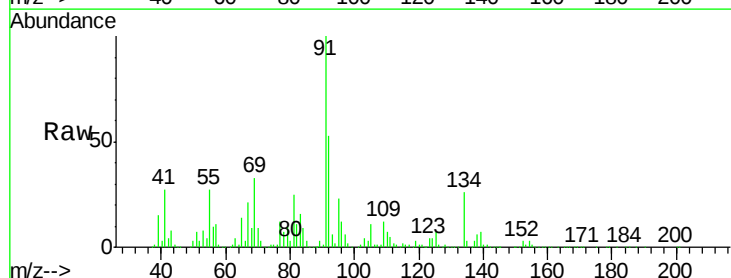
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-3ME

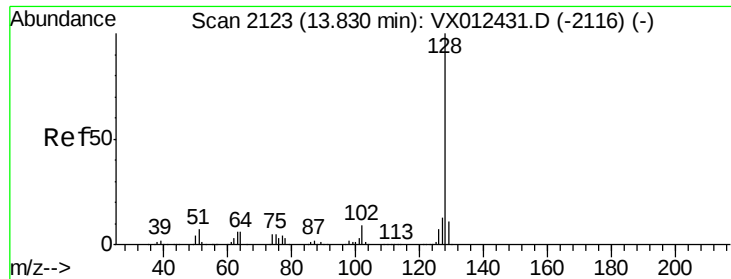
Tot Ion:105 Resp: 110292
 Ion Ratio Lower Upper
 105 100
 134 26.4 9.8 29.4



#89
 n-Butylbenzene
 Concen: 20.465 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012646.D
 Acq: 24 Sep 2019 20:24

Tgt Ion: 91 Resp: 119995
 Ion Ratio Lower Upper
 91 100
 92 44.9 27.7 83.0
 134 39.4 12.9 38.6#

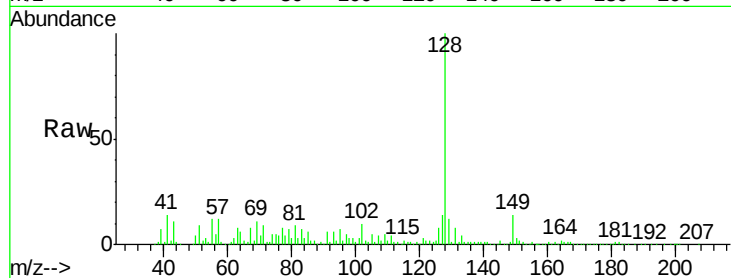




#95
Naphthalene
Concen: 34.830 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012646.D
Acq: 24 Sep 2019 20:24

Instrument :
MSVOA_X
ClientSampleId :
SB-3ME

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.2	15.4
129	12.8	8.8	13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

