

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020719\
 Data File : VW008552.D
 Acq On : 07 Feb 2019 15:02
 Operator : SY/VA
 Sample : K1390-02
 Misc : 6.75G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-02(15-16)

Quant Time: Feb 08 23:13:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

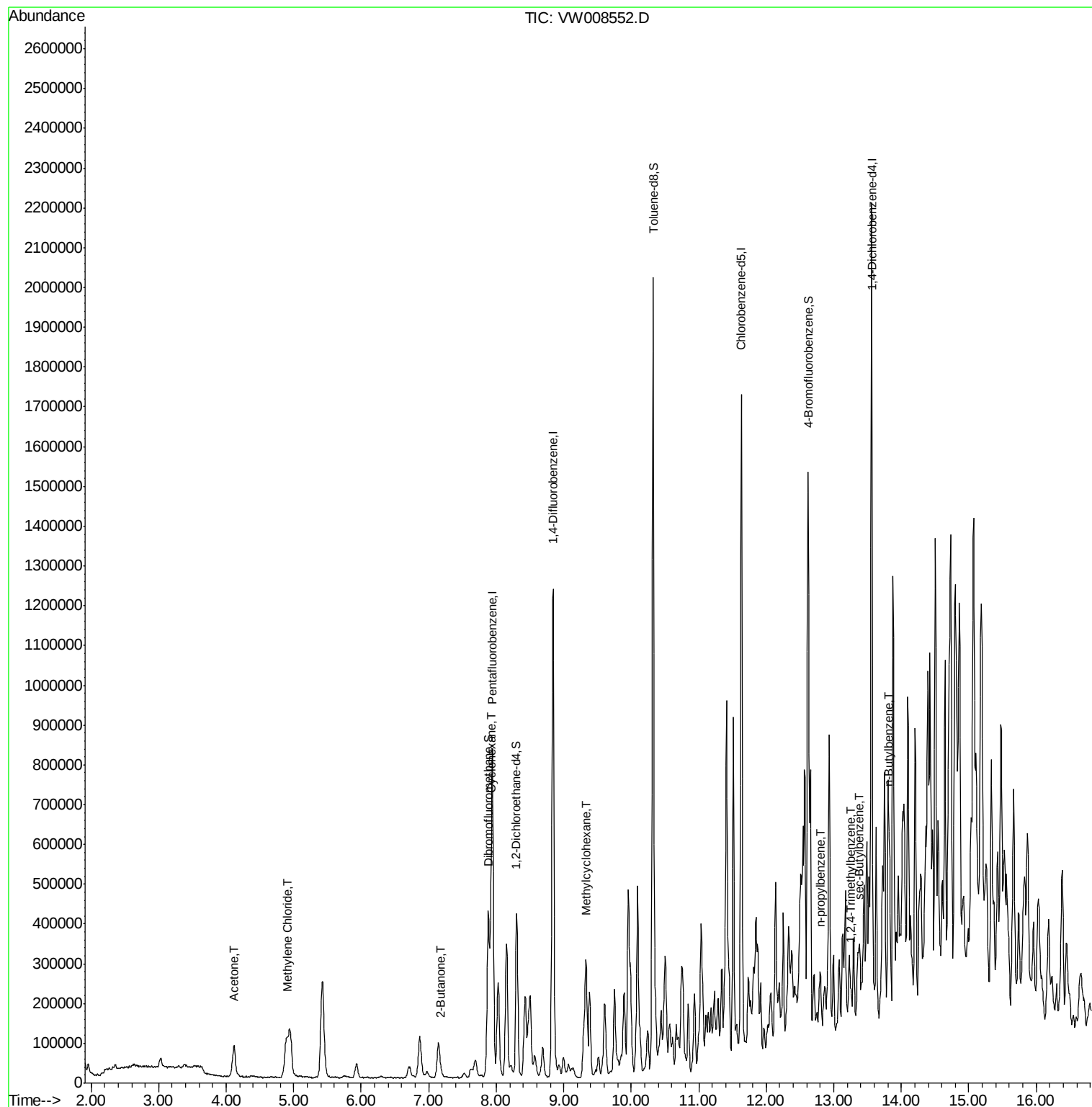
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	570293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	937700	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	846846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	405243	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	318572	56.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.72%	
35) Dibromofluoromethane	7.88	113	284581	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
50) Toluene-d8	10.32	98	1139487	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.62	95	444943	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	124688	99.105	ug/l	99
20) Methylene Chloride	4.90	84	28550	4.923	ug/l #	91
25) 2-Butanone	7.18	43	21549	12.331	ug/l	90
31) Cyclohexane	7.92	56	56731	5.160	ug/l #	55
39) Methylcyclohexane	9.34	83	73556	6.321	ug/l #	86
78) n-propylbenzene	12.80	91	67358	1.856	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	41639	1.622	ug/l	95
85) sec-Butylbenzene	13.38	105	88779	2.766	ug/l #	54
89) n-Butylbenzene	13.82	91	238637	8.646	ug/l #	77

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

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SB-02(15-16)

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Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008552.D

Acq: 07 Feb 2019 15:02

Instrument :

MSVOA_W

ClientSampleId :

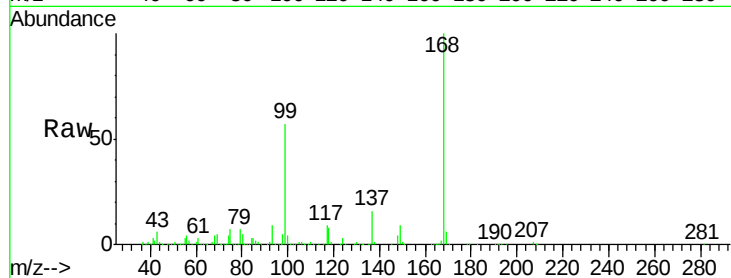
SB-02(15-16)

Tot Ion:168 Resp: 570293

Ion Ratio Lower Upper

168 100

99 56.9 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

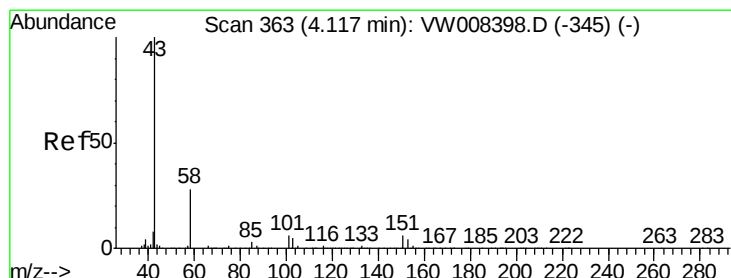
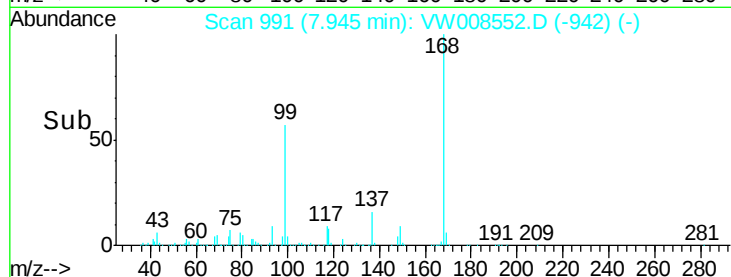
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 99.105 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008552.D

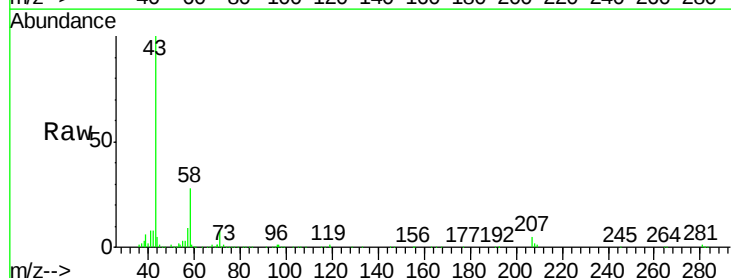
Acq: 07 Feb 2019 15:02

Tgt Ion: 43 Resp: 124688

Ion Ratio Lower Upper

43 100

58 27.7 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

50000

40000

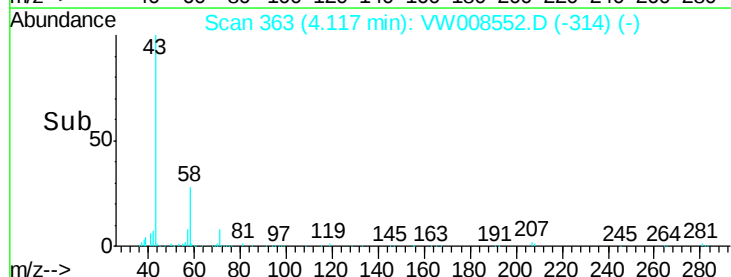
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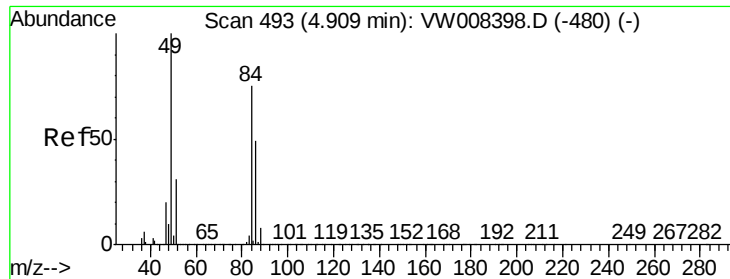
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Time-->

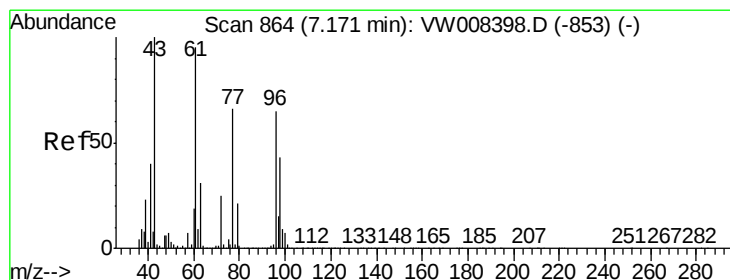
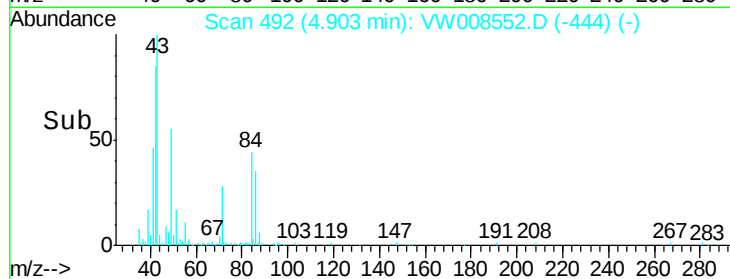
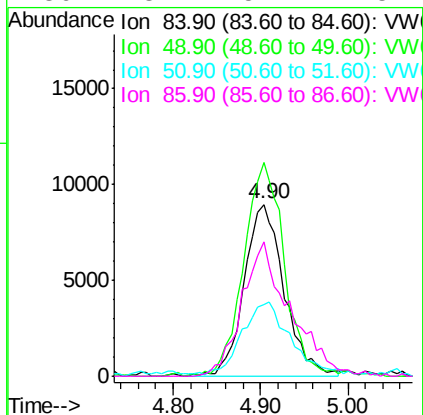
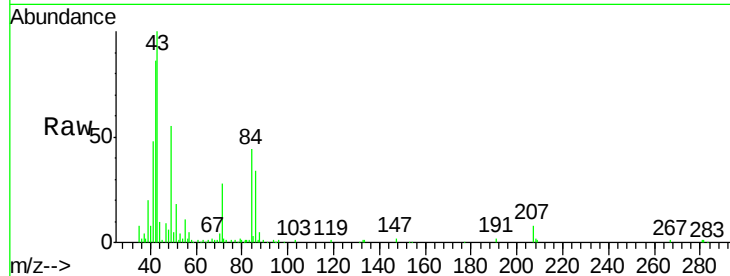




#20
Methylene Chloride
Concen: 4.923 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008552.D
Acq: 07 Feb 2019 15:02

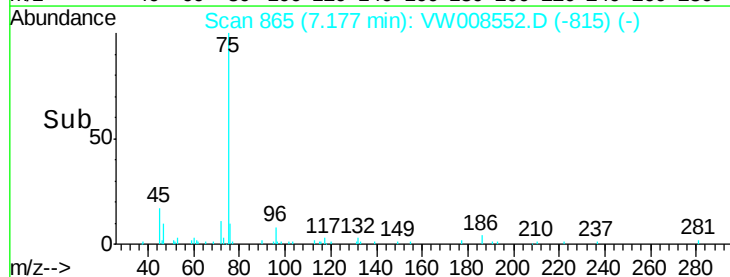
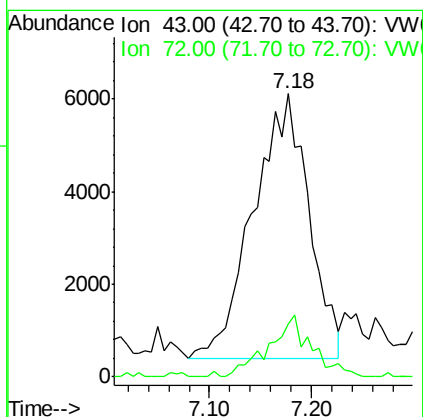
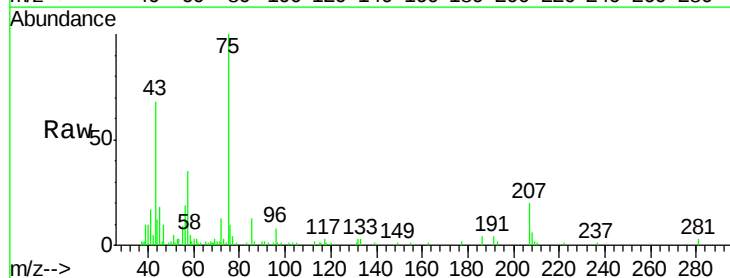
Instrument :
MSVOA_W
ClientSampleId :
SB-02(15-16)

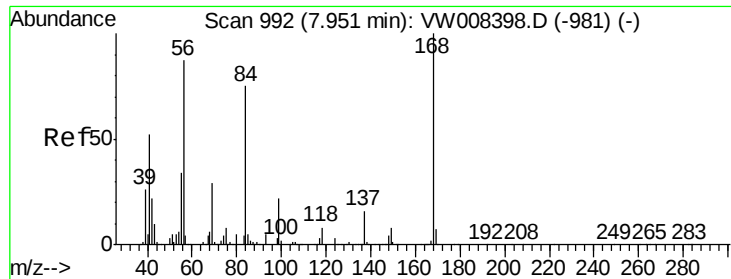
Tot Ion:	84	Resp:	28550
Ion	Ratio	Lower	Upper
84	100		
49	123.8	106.8	160.2
51	39.8	32.9	49.3
86	78.4	52.2	78.2#



#25
2-Butanone
Concen: 12.331 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW008552.D
Acq: 07 Feb 2019 15:02

Tgt Ion:	43	Resp:	21549
Ion	Ratio	Lower	Upper
43	100		
72	20.1	20.1	30.1

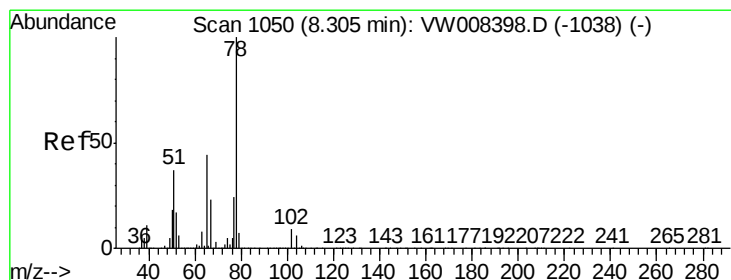
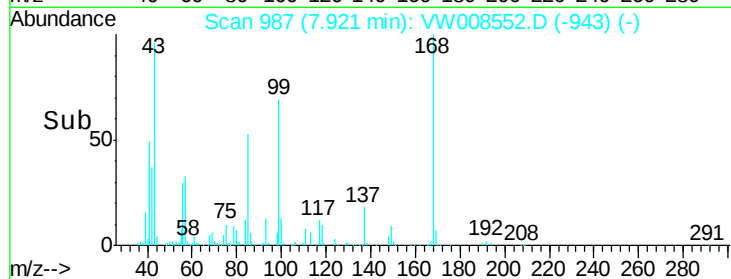
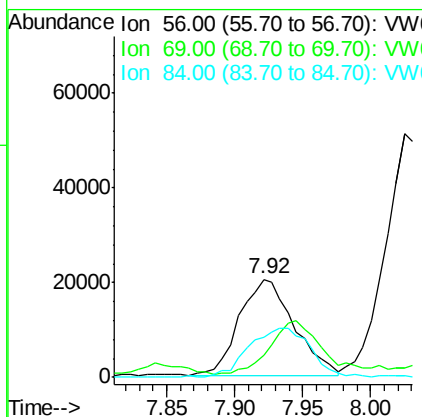
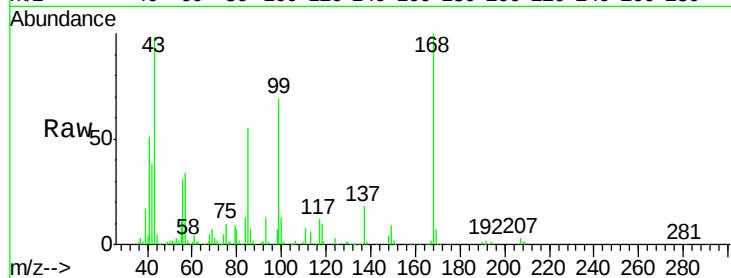




#31
Cyclohexane
Concen: 5.160 ug/l
RT: 7.92 min Scan# 987
Delta R.T. -0.03 min
Lab File: VW008552.D
Acq: 07 Feb 2019 15:02

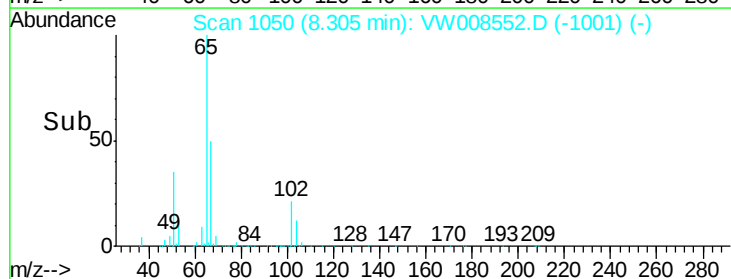
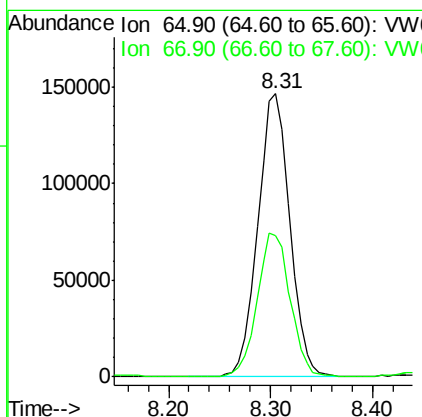
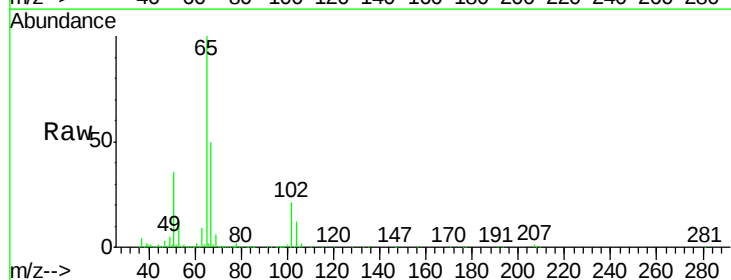
Instrument :
MSVOA_W
ClientSampleId :
SB-02(15-16)

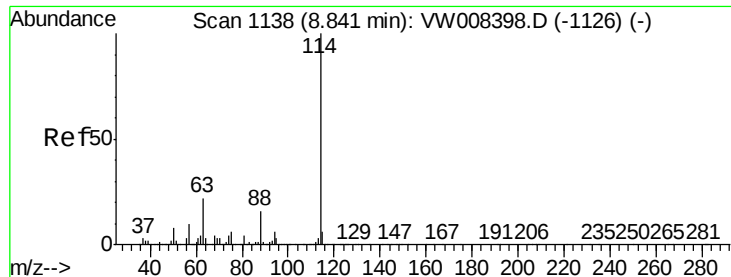
Tot Ion: 56 Resp: 56731
Ion Ratio Lower Upper
56 100
69 13.3 26.4 39.6#
84 41.0 69.1 103.7#



#33
1,2-Dichloroethane-d4
Concen: 56.861 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008552.D
Acq: 07 Feb 2019 15:02

Tgt Ion: 65 Resp: 318572
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.0

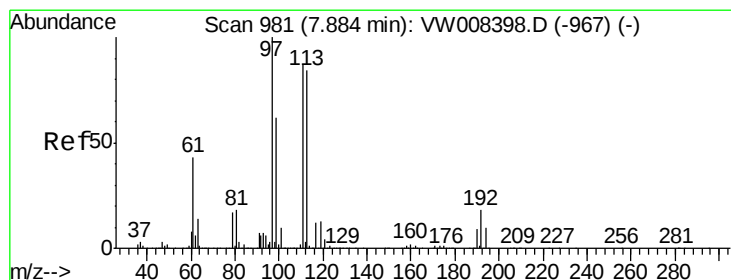
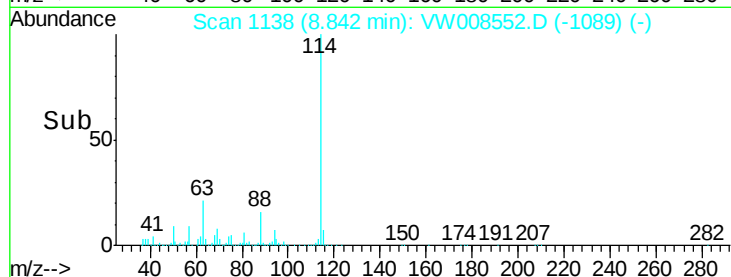
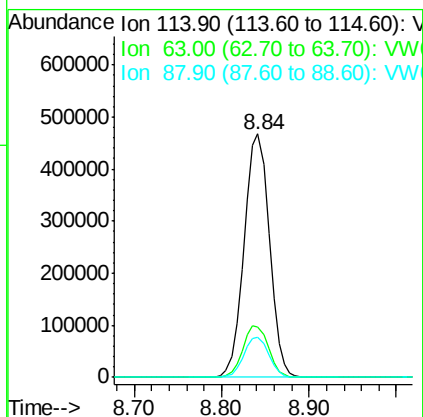
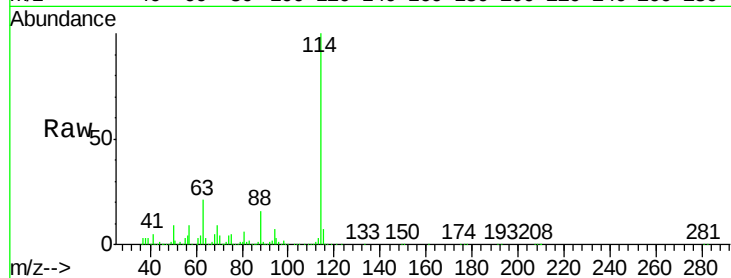




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008552.D
Acq: 07 Feb 2019 15:02

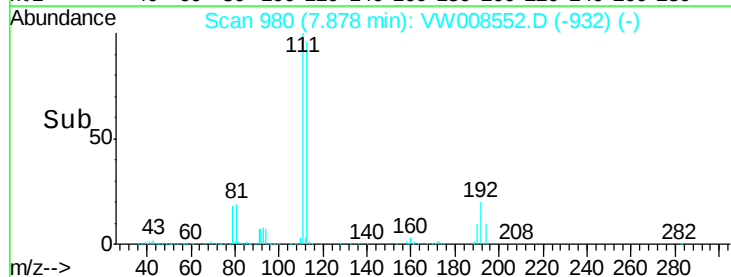
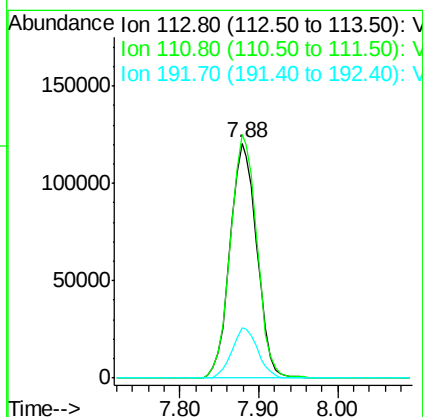
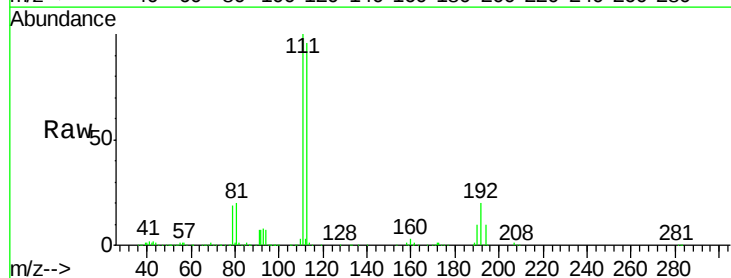
Instrument :
MSVOA_W
ClientSampleId :
SB-02(15-16)

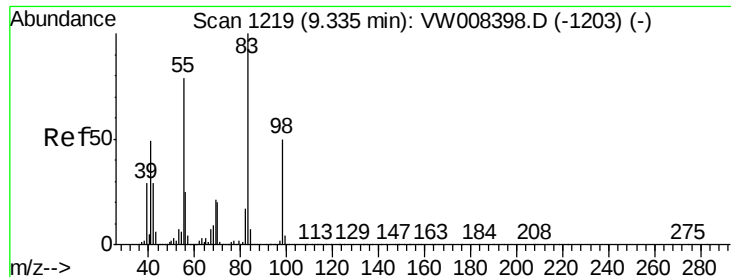
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	43.6
88	16.2	0.0	31.8



#35
Dibromofluoromethane
Concen: 51.902 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW008552.D
Acq: 07 Feb 2019 15:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.0	121.4
192	20.8	16.8	25.2

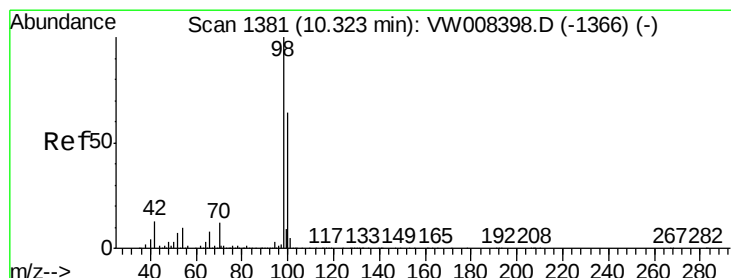
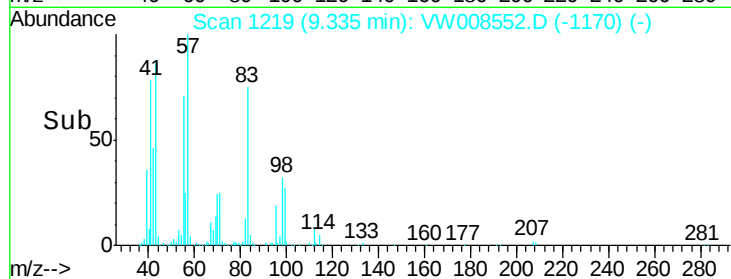
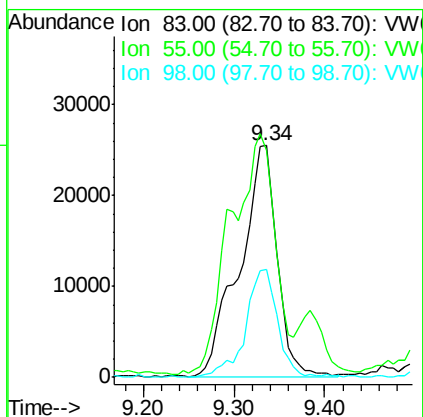
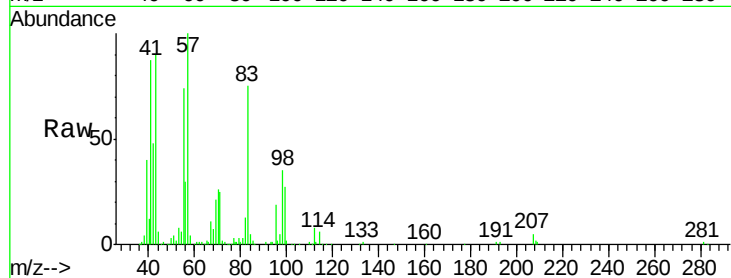




#39
Methvlcvclohexane
Concen: 6.321 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008552.D
Acq: 07 Feb 2019 15:02

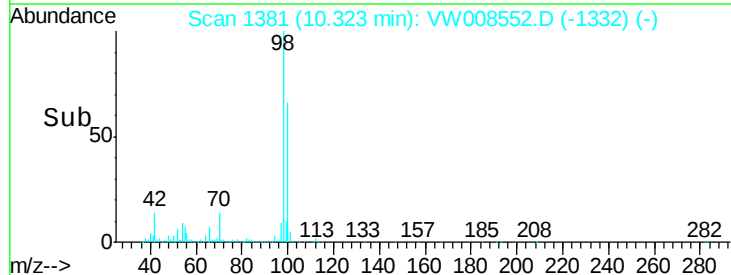
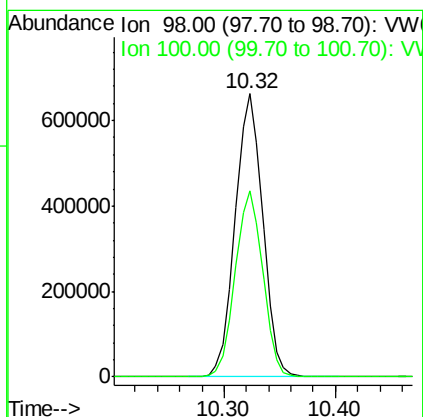
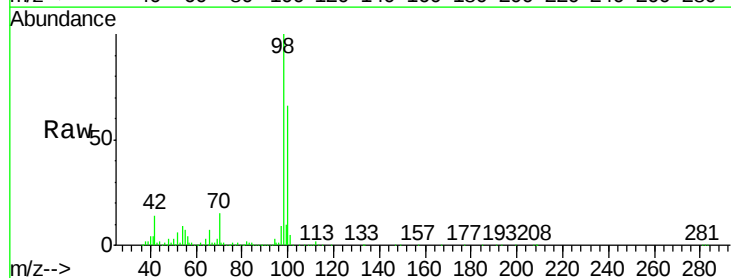
Instrument :
MSVOA_W
ClientSampled :
SB-02(15-16)

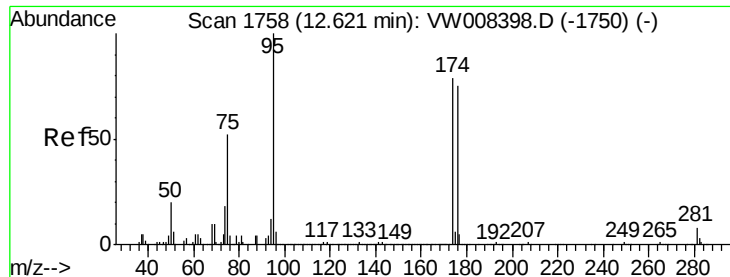
Tot Ion: 83 Resp: 73556
Ion Ratio Lower Upper
83 100
55 96.5 63.3 94.9#
98 46.8 39.7 59.5



#50
Toluene-d8
Concen: 51.825 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008552.D
Acq: 07 Feb 2019 15:02

Tgt Ion: 98 Resp: 1139487
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8

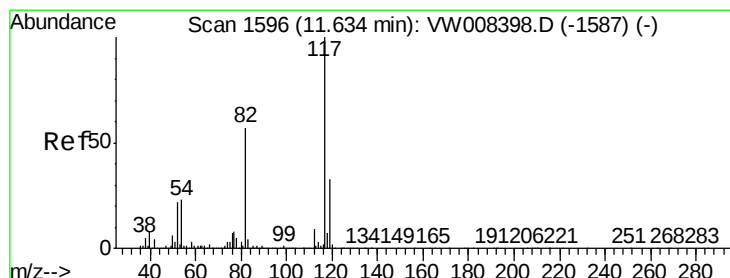
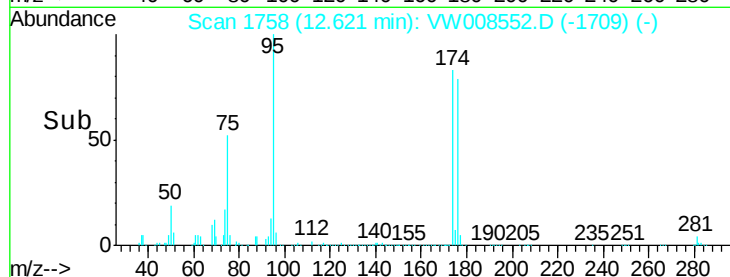
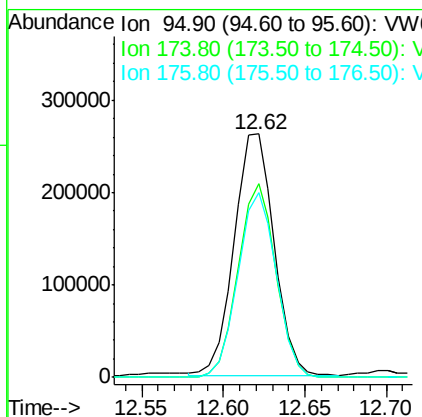
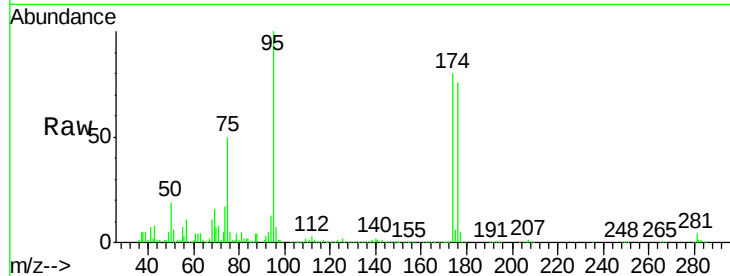




#62
4-Bromofluorobenzene
Concen: 52.646 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008552.D
Acq: 07 Feb 2019 15:02

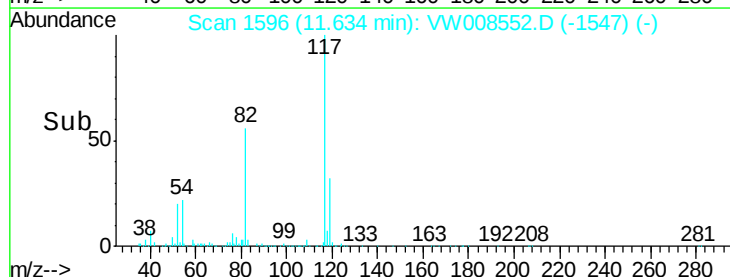
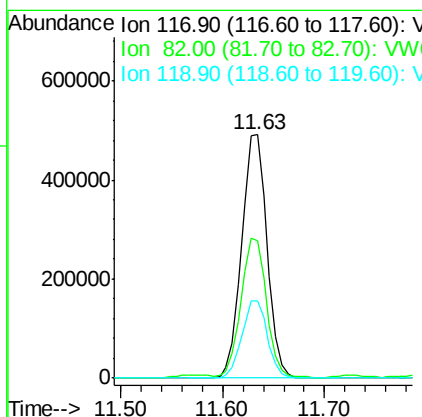
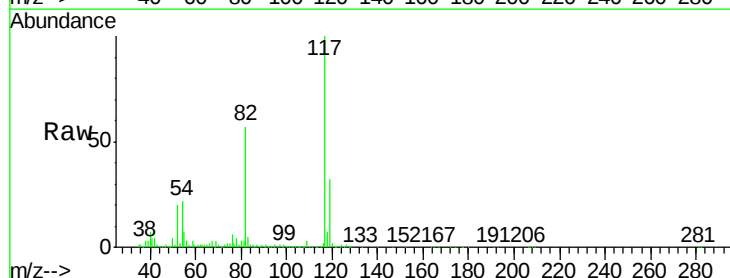
Instrument :
MSVOA_W
ClientSampleId :
SB-02(15-16)

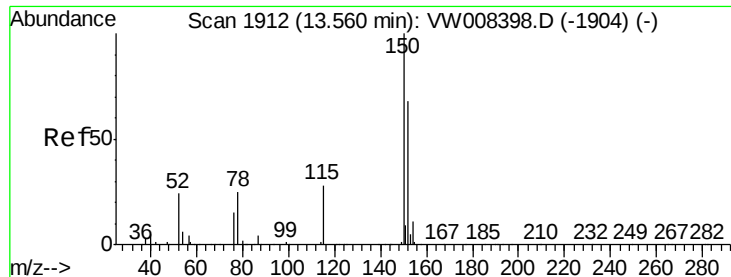
Tot Ion	95	Resp	444943
Ion Ratio	Lower	Upper	
95	100		
174	75.8	0.0	157.6
176	73.6	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008552.D
Acq: 07 Feb 2019 15:02

Tgt Ion	117	Resp	846846
Ion Ratio	Lower	Upper	
117	100		
82	55.7	45.4	68.0
119	31.9	26.2	39.4



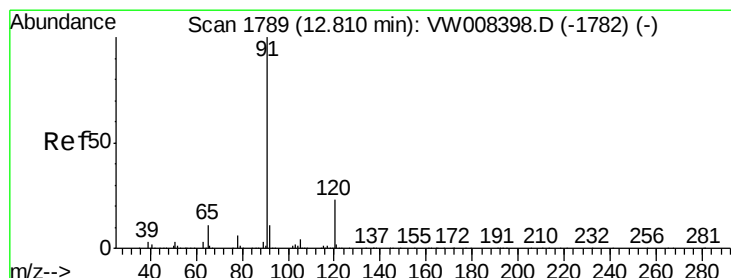
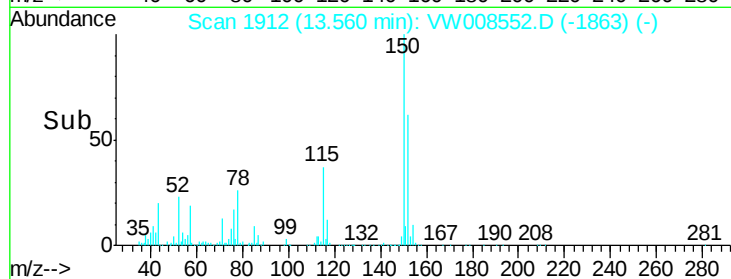
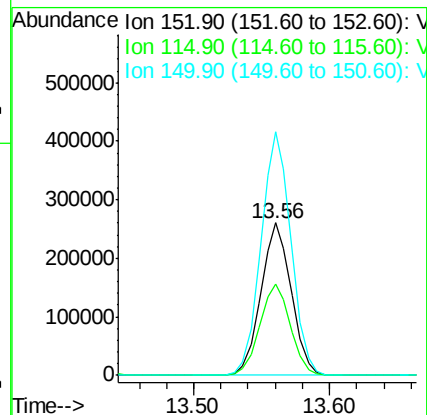
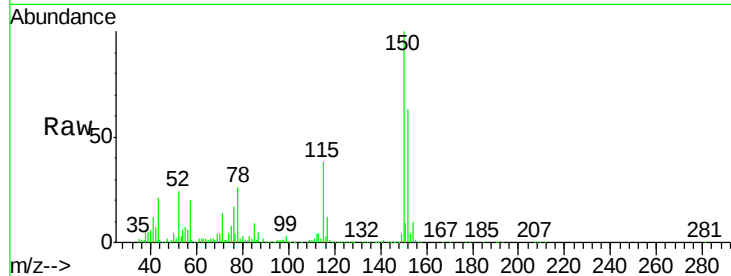


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008552.D
Acq: 07 Feb 2019 15:02

Instrument :
MSVOA_W
ClientSampled :
SB-02(15-16)

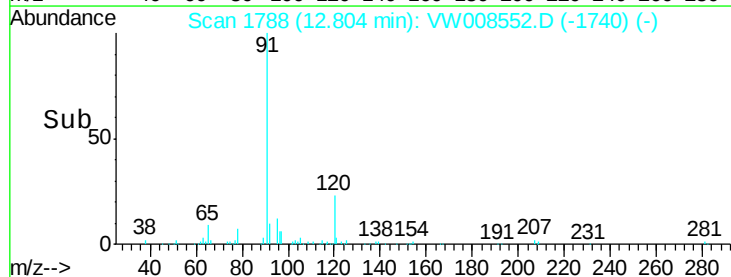
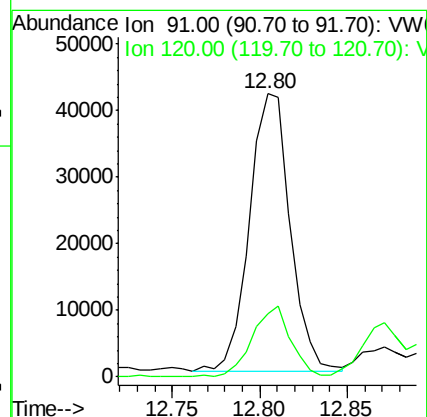
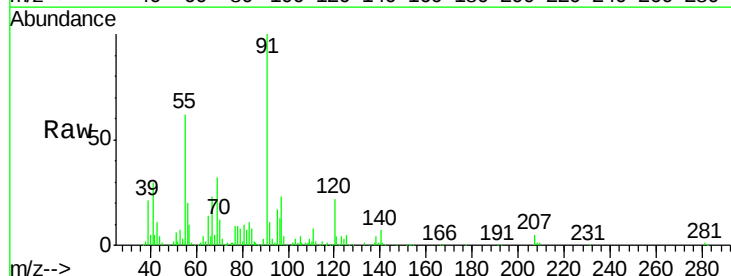
Tot Ion:152 Resp: 405243
Ion Ratio Lower Upper
152 100
115 60.3 29.9 89.7
150 158.4 0.0 351.4

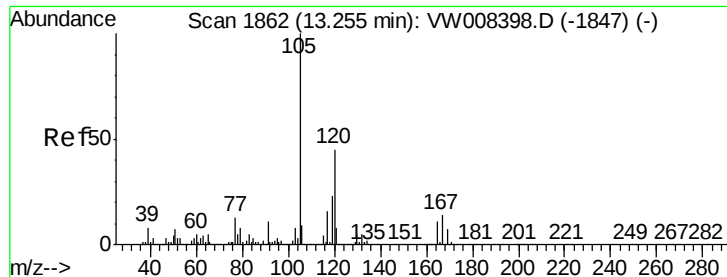


#78

n-propylbenzene
Concen: 1.856 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.01 min
Lab File: VW008552.D
Acq: 07 Feb 2019 15:02

Tgt Ion: 91 Resp: 67358
Ion Ratio Lower Upper
91 100
120 23.8 11.4 34.1

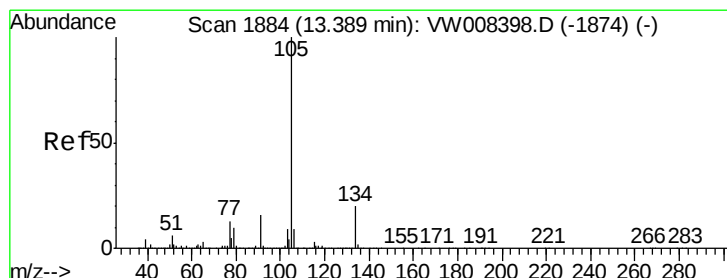
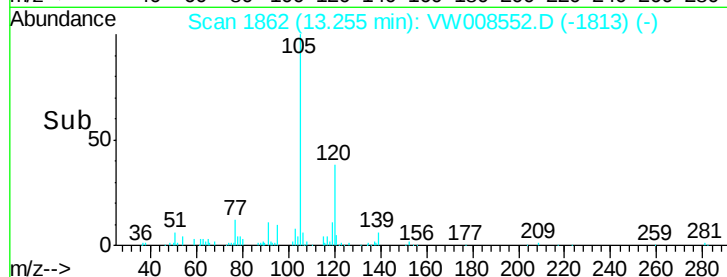
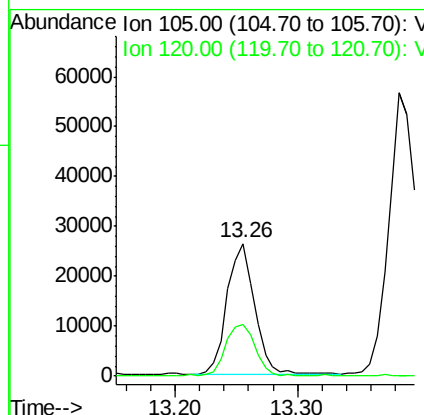
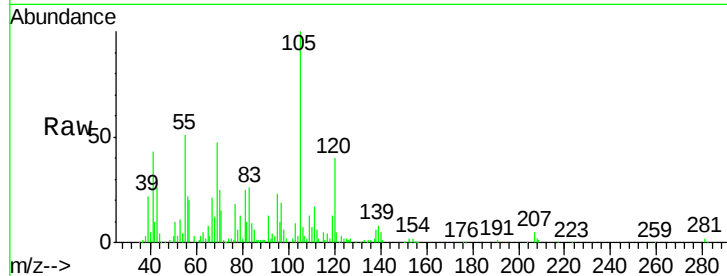




#84
1,2,4-Trimethylbenzene
Concen: 1.622 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008552.D
Acq: 07 Feb 2019 15:02

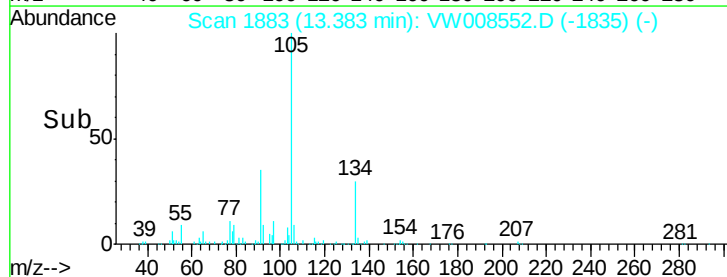
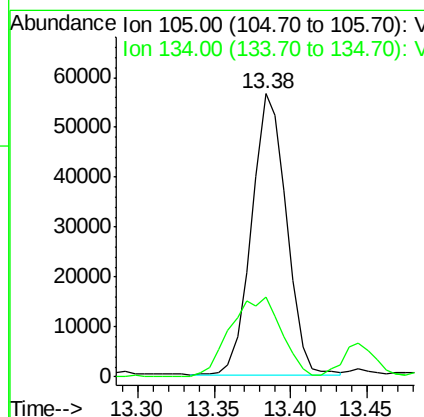
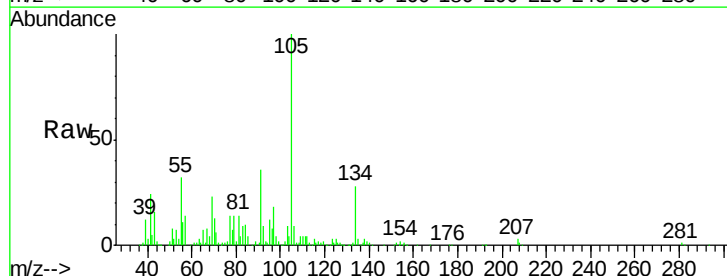
Instrument :
MSVOA_W
ClientSampleId :
SB-02(15-16)

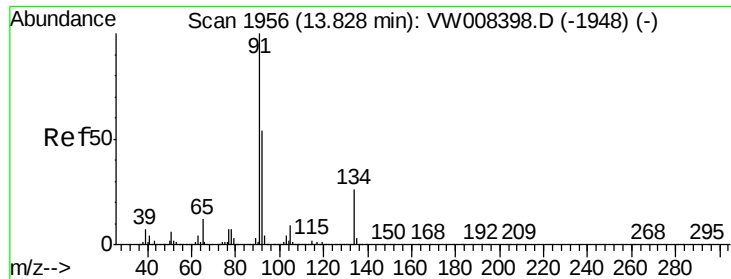
Tot Ion:105 Resp: 41639
Ion Ratio Lower Upper
105 100
120 42.8 23.1 69.2



#85
sec-Butylbenzene
Concen: 2.766 ug/l
RT: 13.38 min Scan# 1883
Delta R.T. -0.01 min
Lab File: VW008552.D
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Tgt Ion:105 Resp: 88779
Ion Ratio Lower Upper
105 100
134 41.5 10.2 30.6#





#89

n-Butylbenzene

Concen: 8.646 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.01 min

Lab File: VW008552.D

Acq: 07 Feb 2019 15:02

Instrument :

MSVOA_W

ClientSampleId :

SB-02(15-16)

Tot Ion: 91 Resp: 238637

Ion Ratio Lower Upper

91 100

92 47.6 27.4 82.2

134 0.0 13.0 39.0#

