

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051520\
 Data File : VW015440.D
 Acq On : 15 May 2020 17:58
 Operator : SY/VA
 Sample : L2679-07
 Misc : 7.91G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6-12.0-12.5

Quant Time: May 18 01:46:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 18:41:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	64474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	91142	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	61990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.54	152	66352m	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	27814	39.24	ug/l	0.00
Spiked Amount			Recovery	=	78.48%	
35) Dibromofluoromethane	7.88	113	26636	50.92	ug/l	0.00
Spiked Amount			Recovery	=	101.84%	
50) Toluene-d8	10.32	98	289621	133.78	ug/l	0.00
Spiked Amount			Recovery	=	267.56%	
62) 4-Bromofluorobenzene	12.61	95	154805	193.65	ug/l	0.00
Spiked Amount			Recovery	=	387.30%	

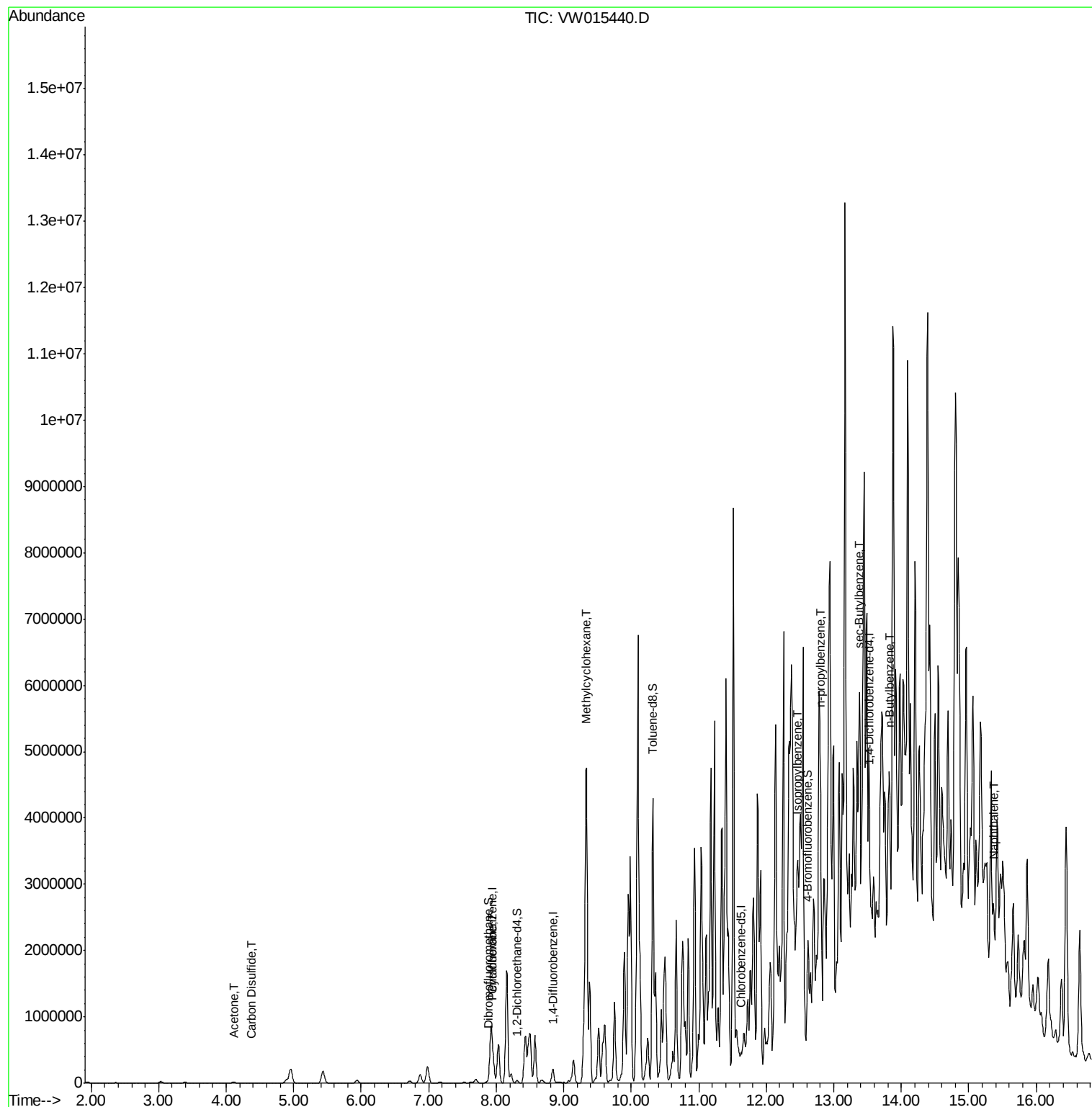
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	12858	116.783	ug/l #	77
17) Carbon Disulfide	4.38	76	4248	2.223	ug/l #	94
31) Cyclohexane	7.95	56	313029	241.025	ug/l #	90
39) Methylcyclohexane	9.34	83	1806273	1593.539	ug/l	98
73) Isopropylbenzene	12.46	105	905918	182.879	ug/l	100
78) n-propylbenzene	12.80	91	2144439	360.823	ug/l	100
85) sec-Butylbenzene	13.38	105	1701459	339.177	ug/l	86
89) n-Butylbenzene	13.82	91	1172853	261.857	ug/l #	83
95) Naphthalene	15.36	128	960836	440.806	ug/l	95

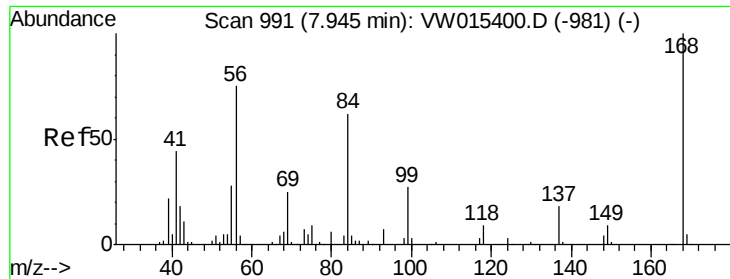
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 05 18:41:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW015440.D

Acq: 15 May 2020 17:58

Instrument :

MSVOA_W

ClientSampleId :

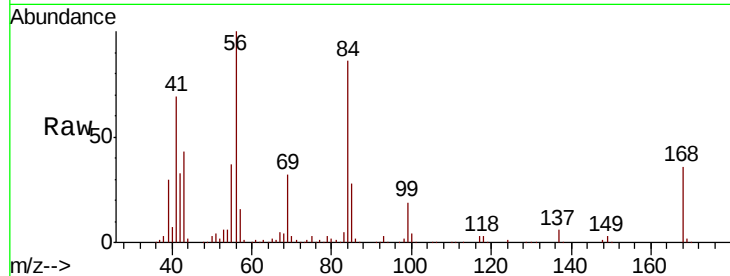
SB-6-12.0-12.5

Tot Ion:168 Resp: 64474

Ion Ratio Lower Upper

168 100

99 54.0 50.3 75.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

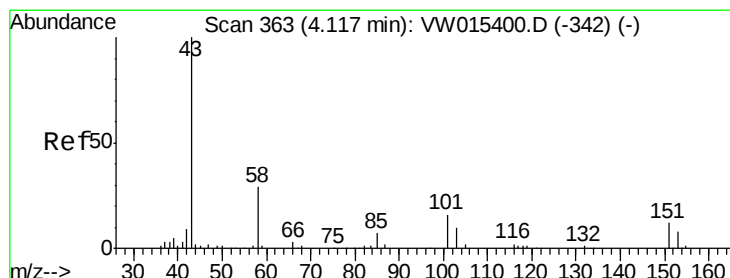
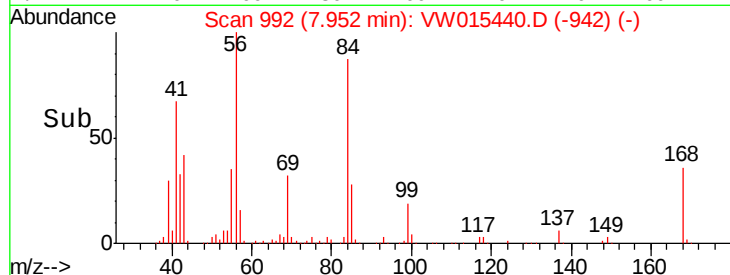
20000

10000

0

Time-->

7.90 8.00



#16

Acetone

Concen: 116.783 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW015440.D

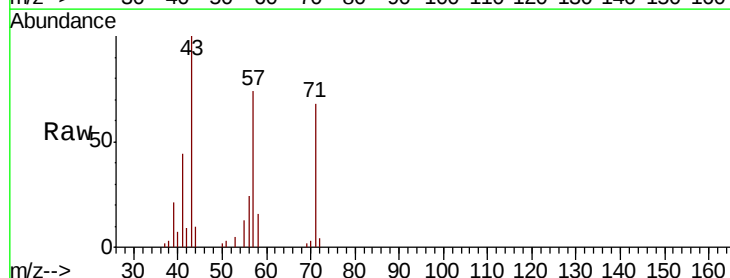
Acq: 15 May 2020 17:58

Tgt Ion: 43 Resp: 12858

Ion Ratio Lower Upper

43 100

58 16.6 23.4 35.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

4000

3000

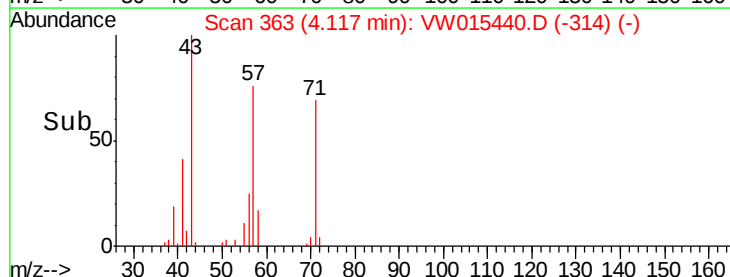
2000

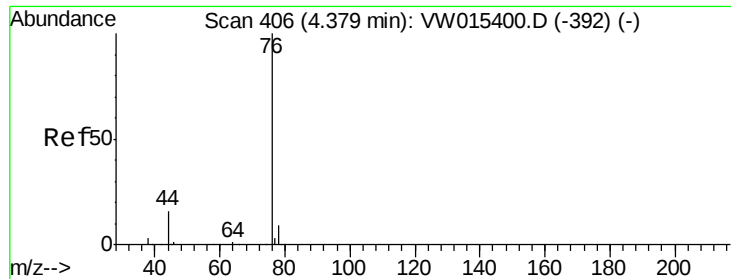
1000

0

Time-->

4.00 4.10 4.20

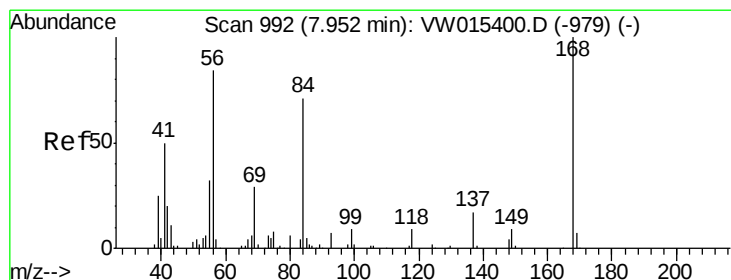
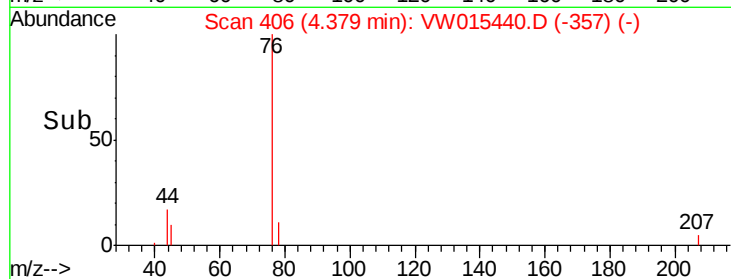
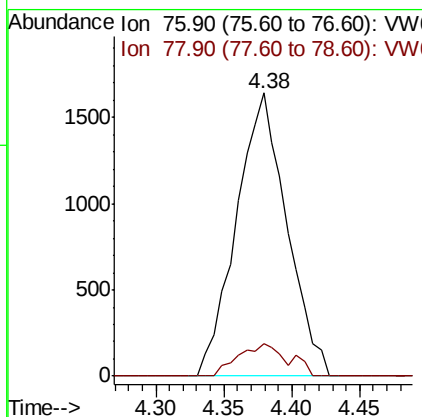
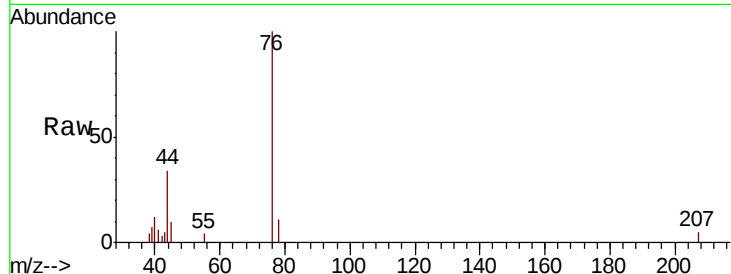




#17
Carbon Disulfide
Concen: 2.223 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW015440.D
Acq: 15 May 2020 17:58

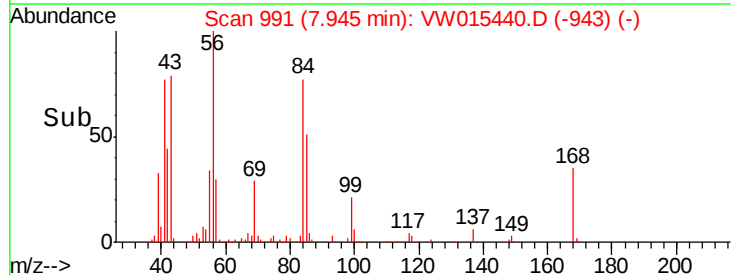
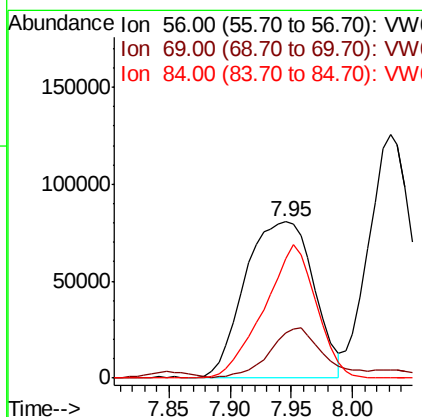
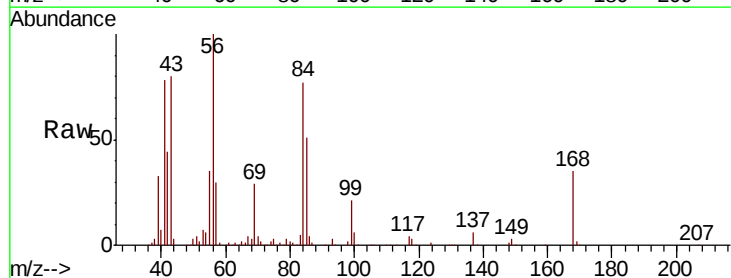
Instrument :
MSVOA_W
ClientSampleId :
SB-6-12.0-12.5

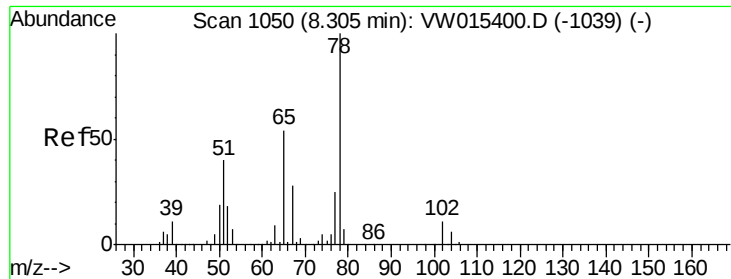
Tot Ion: 76 Resp: 4248
Ion Ratio Lower Upper
76 100
78 11.4 7.3 10.9#



#31
Cyclohexane
Concen: 241.025 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW015440.D
Acq: 15 May 2020 17:58

Tgt Ion: 56 Resp: 313029
Ion Ratio Lower Upper
56 100
69 26.8 27.2 40.8#
84 77.0 67.7 101.5

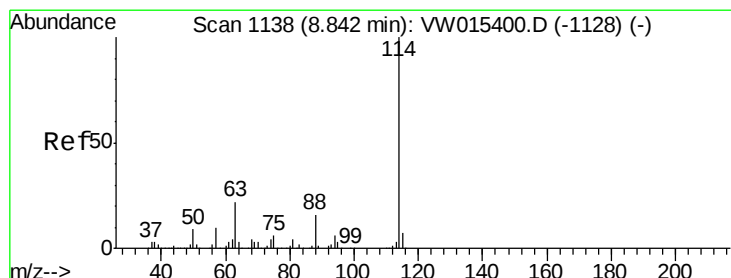
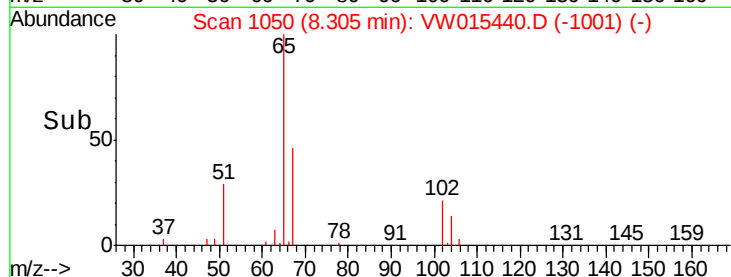
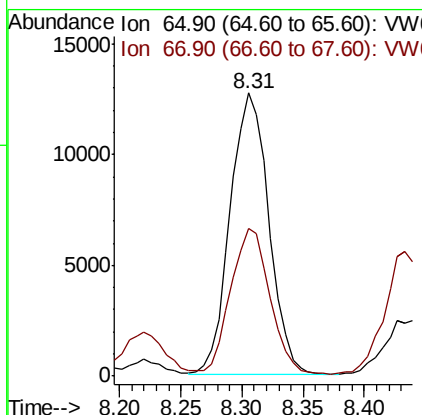
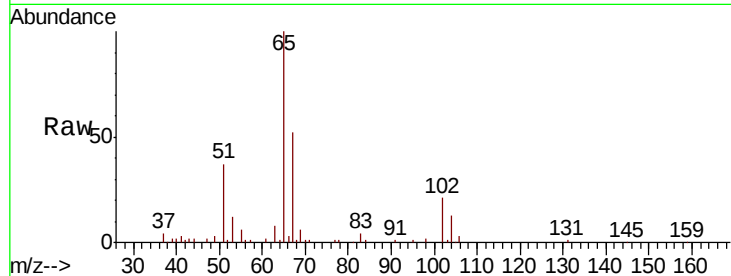




#33
 1,2-Dichloroethane-d4
 Concen: 39.244 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015440.D
 Acq: 15 May 2020 17:58

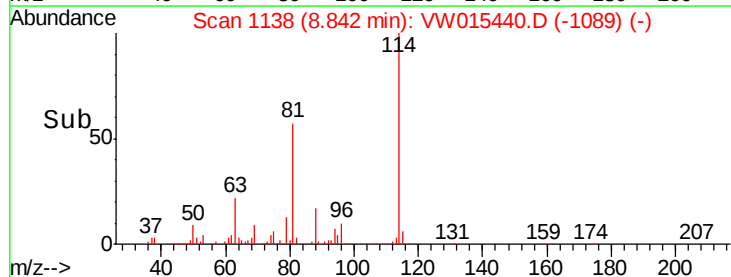
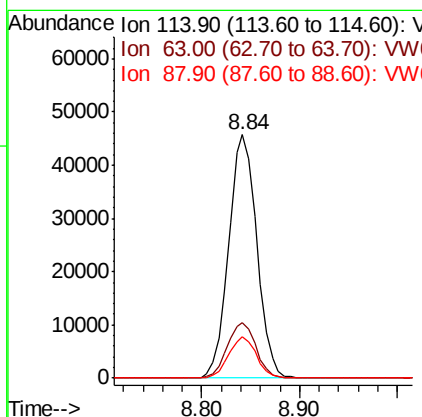
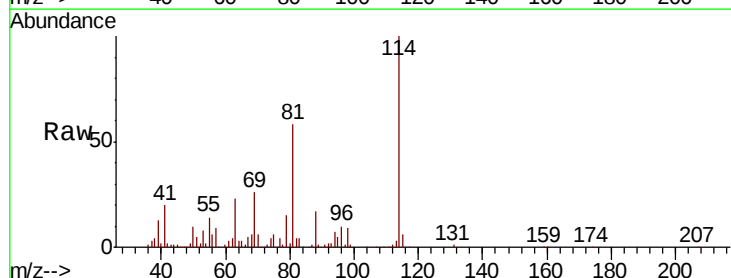
Instrument :
 MSVOA_W
 ClientSampled :
 SB-6-12.0-12.5

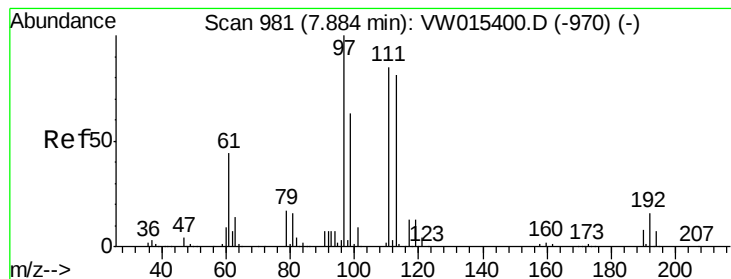
Tot Ion: 65 Resp: 27814
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015440.D
 Acq: 15 May 2020 17:58

Tgt Ion: 114 Resp: 91142
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 43.4
 88 17.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.918 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015440.D

Acq: 15 May 2020 17:58

Instrument :

MSVOA_W

ClientSampleId :

SB-6-12.0-12.5

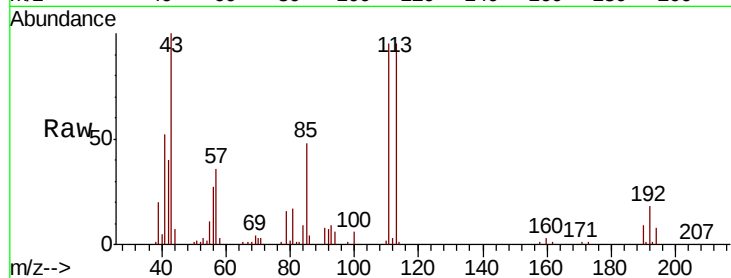
Tot Ion:113 Resp: 26636

Ion Ratio Lower Upper

113 100

111 102.0 82.9 124.3

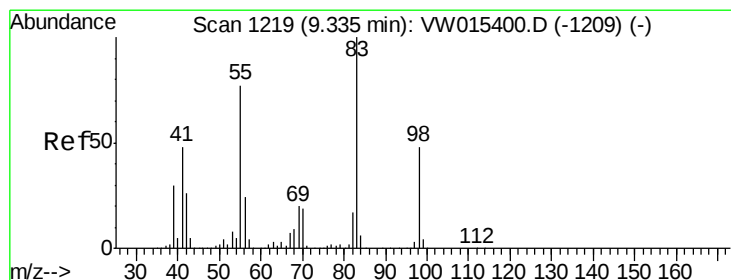
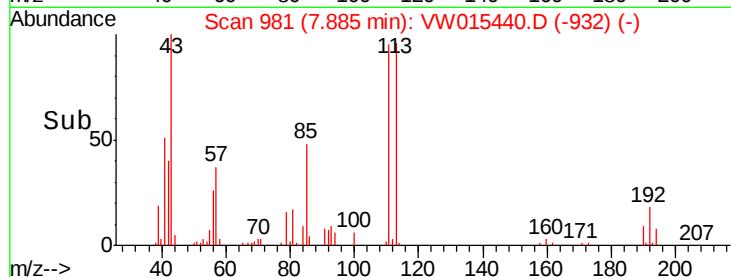
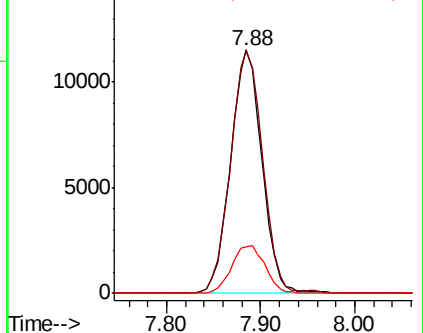
192 20.7 15.4 23.0



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

Methylcyclohexane

Concen: 1593.539 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW015440.D

Acq: 15 May 2020 17:58

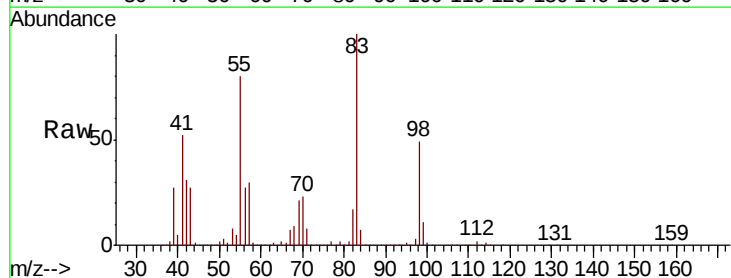
Tgt Ion: 83 Resp: 1806273

Ion Ratio Lower Upper

83 100

55 79.5 61.9 92.9

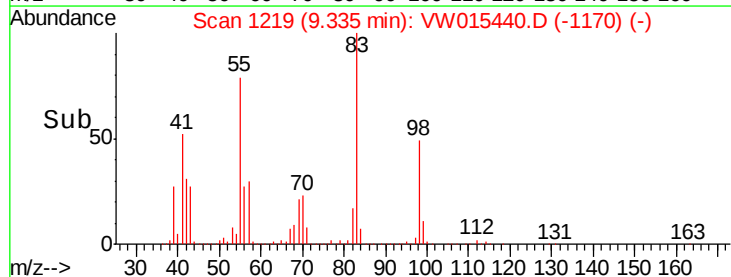
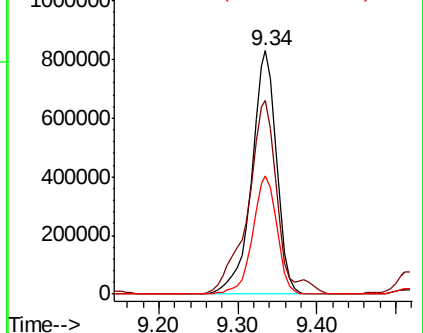
98 48.7 38.2 57.2

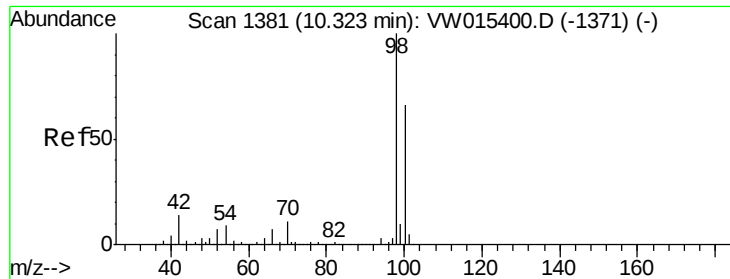


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

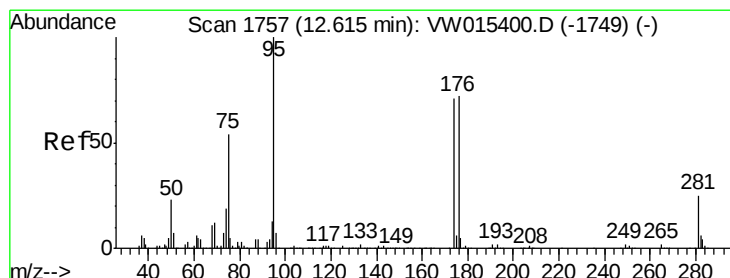
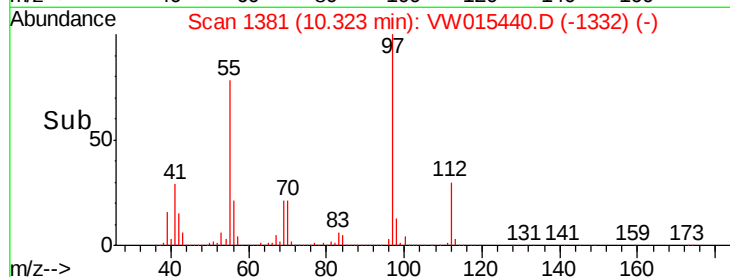
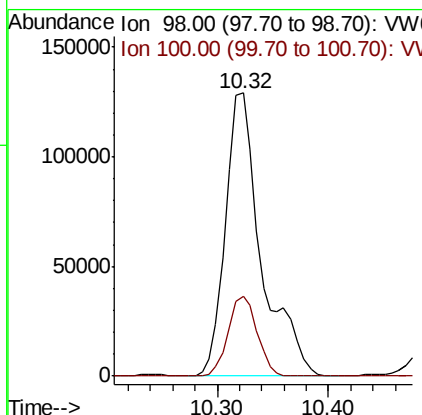
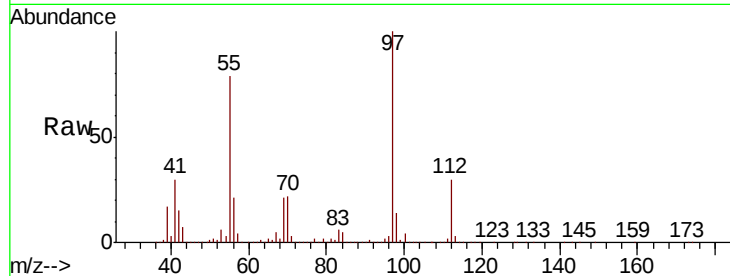




#50
Toluene-d8
Concen: 133.783 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015440.D
Acq: 15 May 2020 17:58

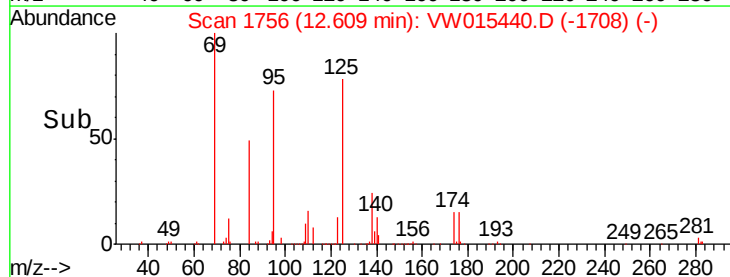
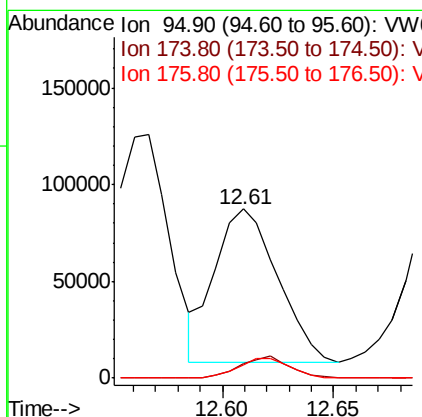
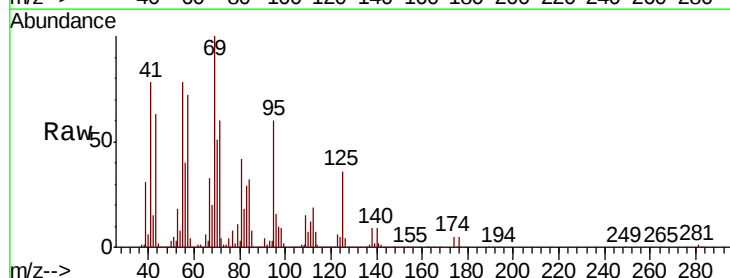
Instrument :
MSVOA_W
ClientSampleId :
SB-6-12.0-12.5

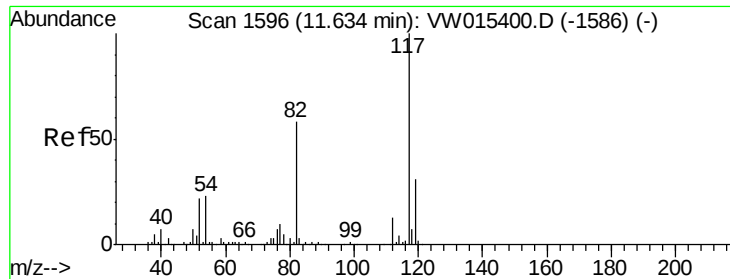
Tot Ion: 98 Resp: 289621
Ion Ratio Lower Upper
98 100
100 22.7 52.7 79.1#



#62
4-Bromofluorobenzene
Concen: 193.655 ug/l
RT: 12.61 min Scan# 1756
Delta R.T. -0.01 min
Lab File: VW015440.D
Acq: 15 May 2020 17:58

Tgt Ion: 95 Resp: 154805
Ion Ratio Lower Upper
95 100
174 11.4 0.0 147.6
176 11.0 0.0 144.4

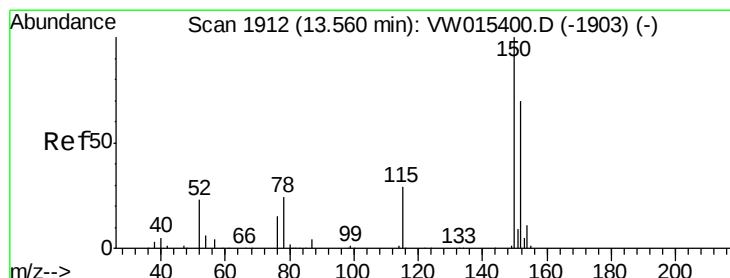
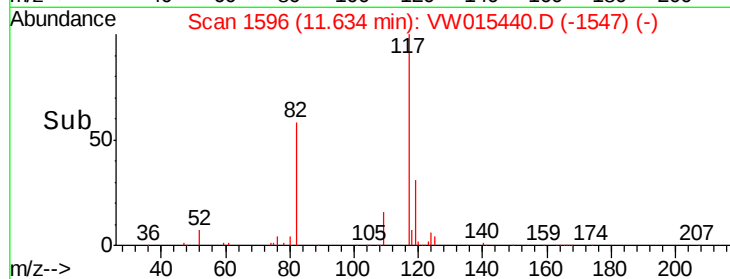
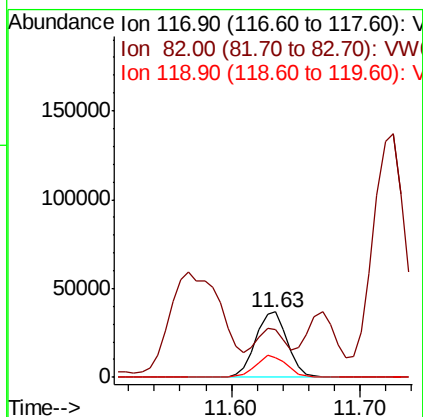
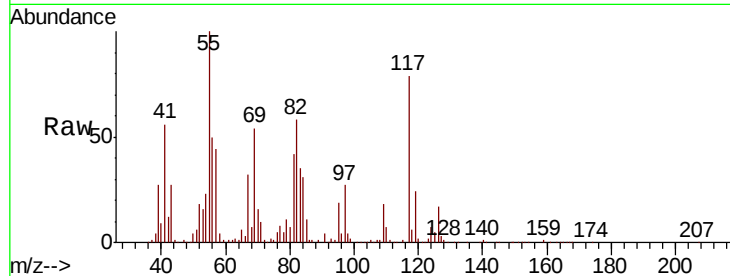




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015440.D
Acq: 15 May 2020 17:58

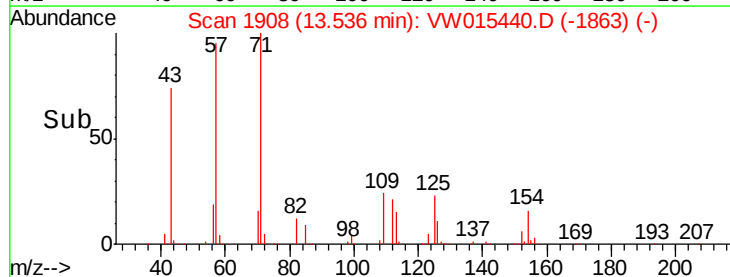
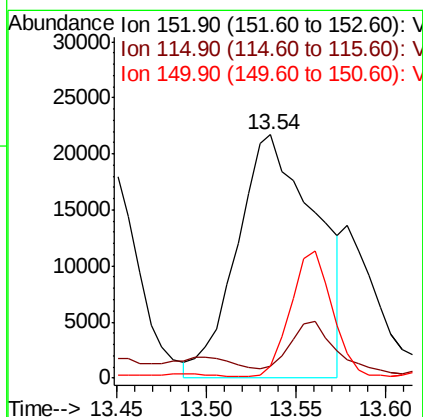
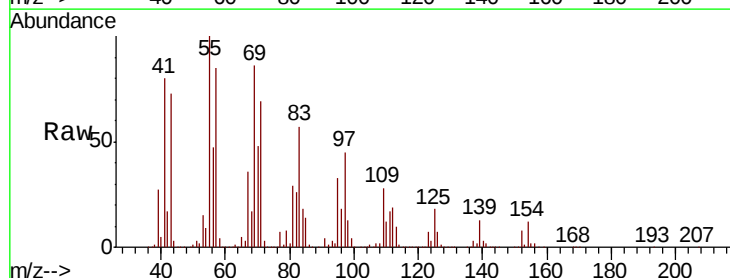
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MSVOA_W
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SB-6-12.0-12.5

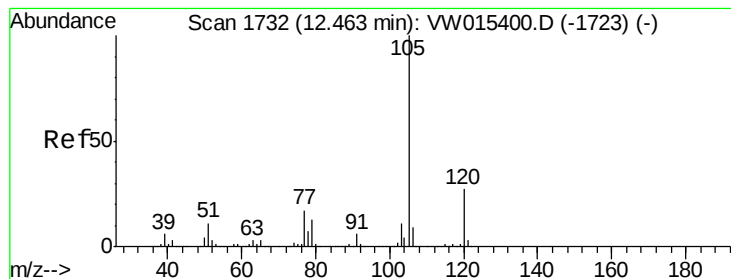
Tot Ion:117 Resp: 61990
Ion Ratio Lower Upper
117 100
82 22.9 46.4 69.6#
119 30.4 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l m
RT: 13.54 min Scan# 1908
Delta R.T. -0.02 min
Lab File: VW015440.D
Acq: 15 May 2020 17:58

Tgt Ion:152 Resp: 66352
Ion Ratio Lower Upper
152 100
115 0.0 30.3 90.8#
150 0.0 0.0 344.4





#73

Isopropylbenzene

Concen: 182.879 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015440.D

Acq: 15 May 2020 17:58

Instrument :

MSVOA_W

ClientSampleId :

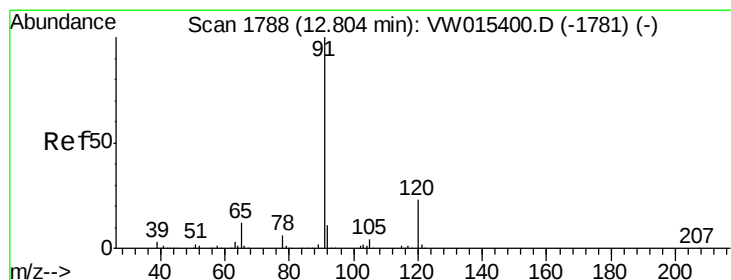
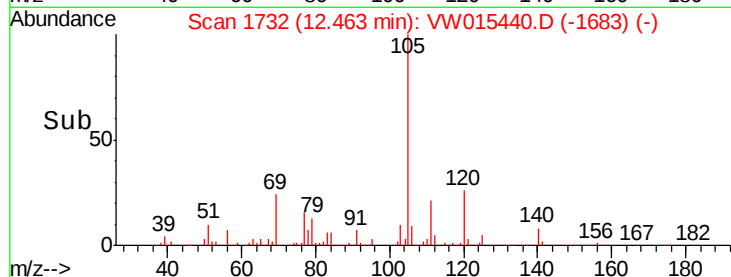
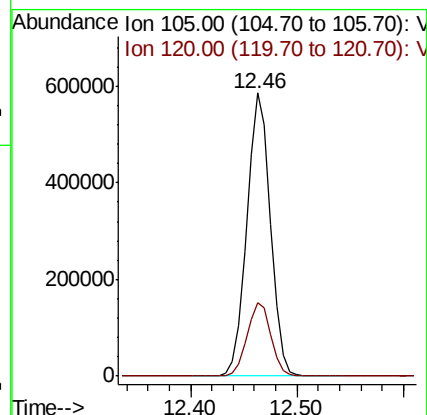
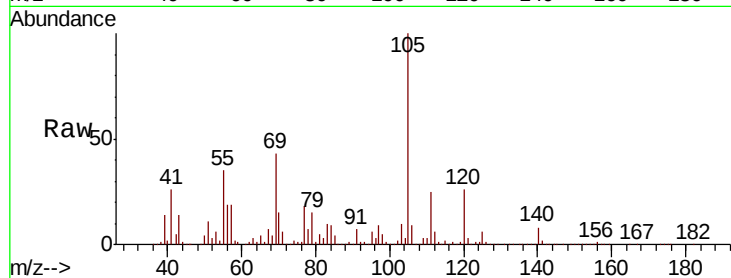
SB-6-12.0-12.5

Tot Ion:105 Resp: 905918

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.3



#78

n-propylbenzene

Concen: 360.823 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015440.D

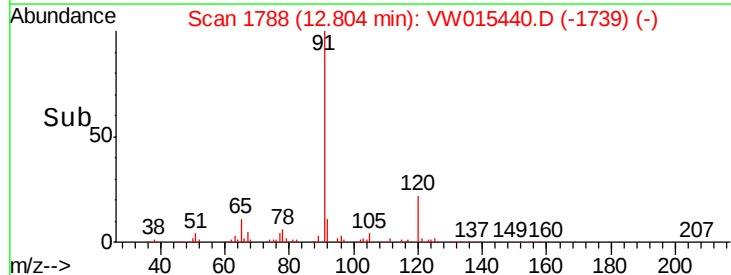
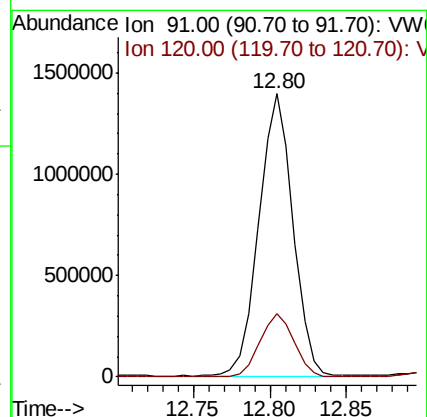
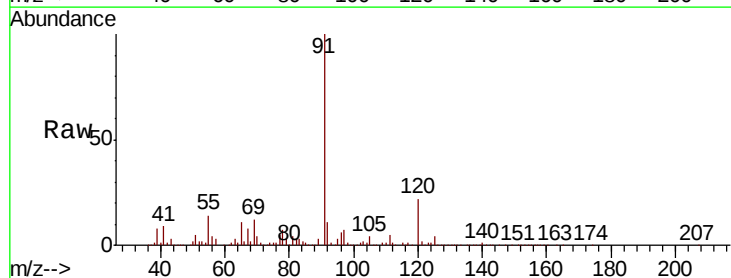
Acq: 15 May 2020 17:58

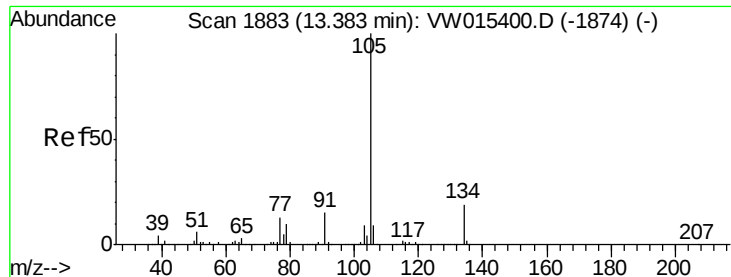
Tgt Ion: 91 Resp: 2144439

Ion Ratio Lower Upper

91 100

120 22.6 11.2 33.6





#85

sec-Butylbenzene

Concen: 339.177 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015440.D

Acq: 15 May 2020 17:58

Instrument :

MSVOA_W

ClientSampleId :

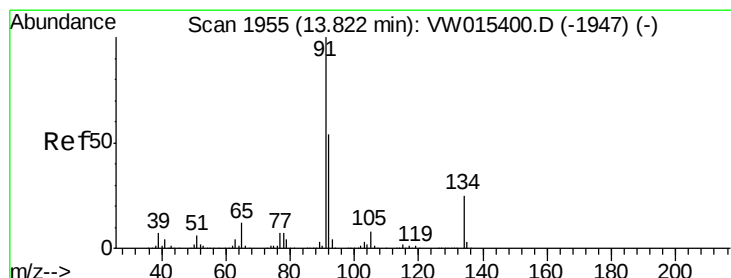
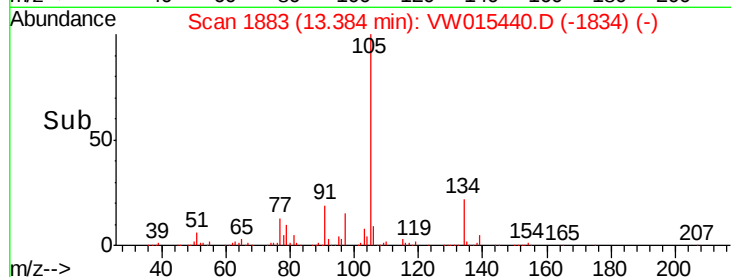
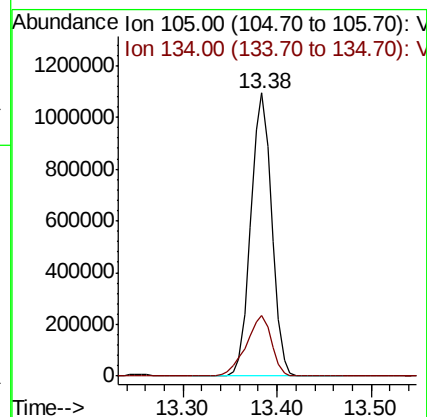
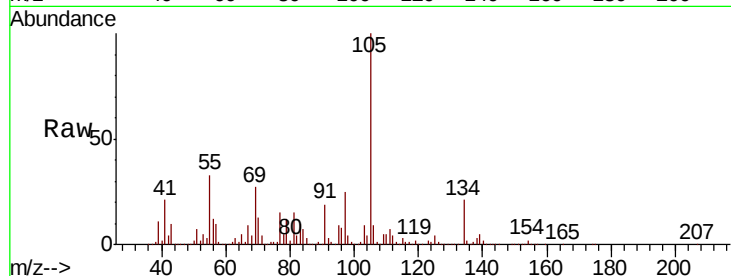
SB-6-12.0-12.5

Tot Ion:105 Resp: 1701459

Ion Ratio Lower Upper

105 100

134 25.9 9.8 29.5



#89

n-Butylbenzene

Concen: 261.857 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015440.D

Acq: 15 May 2020 17:58

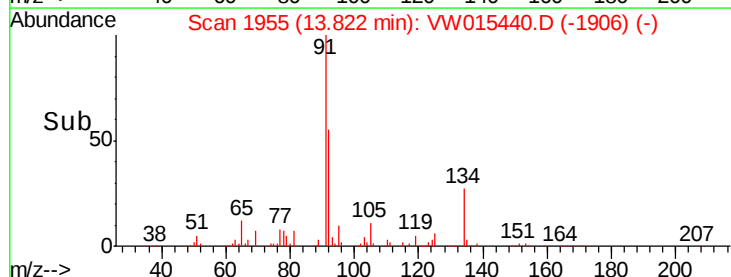
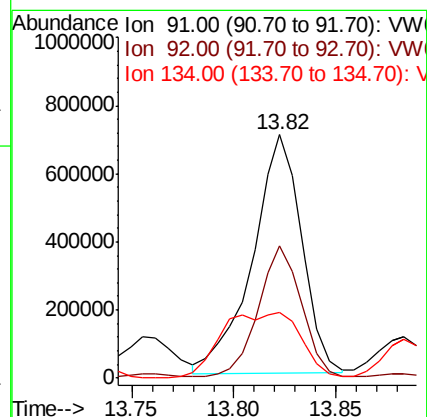
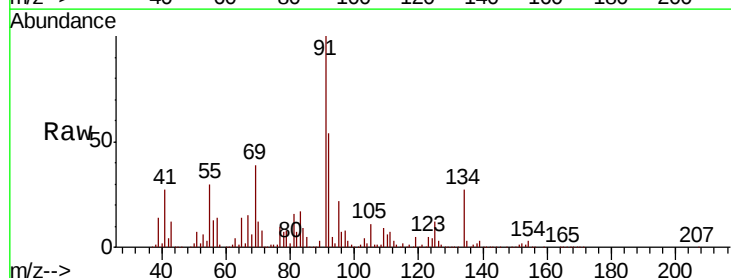
Tgt Ion: 91 Resp: 1172853

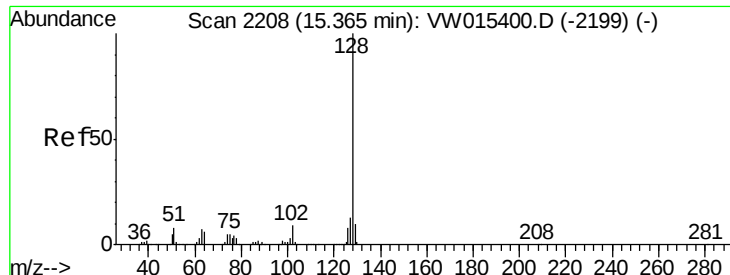
Ion Ratio Lower Upper

91 100

92 48.7 27.2 81.6

134 44.2 12.6 37.6#

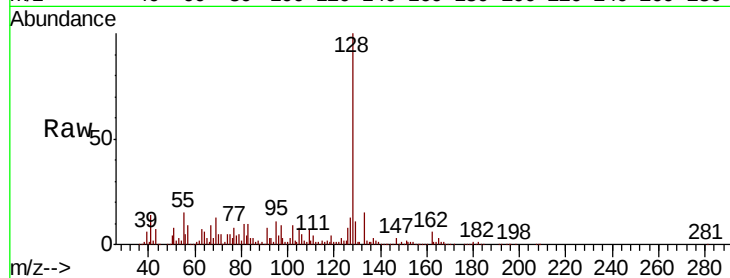




#95
Naphthalene
Concen: 440.806 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015440.D
Acq: 15 May 2020 17:58

Instrument :
MSVOA_W
ClientSampleId :
SB-6-12.0-12.5

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.5	15.7
129	8.7	8.6	12.8



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

