

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051520\
 Data File : VW015438.D
 Acq On : 15 May 2020 17:04
 Operator : SY/VA
 Sample : L2679-05
 Misc : 7.57G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4-14.0-14.5

Quant Time: May 16 08:16:24 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	200346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	341188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	285927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	143491	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	114373	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
35) Dibromofluoromethane	7.88	113	104258	53.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.48%	
50) Toluene-d8	10.32	98	570507	70.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	140.80%	
62) 4-Bromofluorobenzene	12.62	95	215217	71.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.84%	

Target Compounds

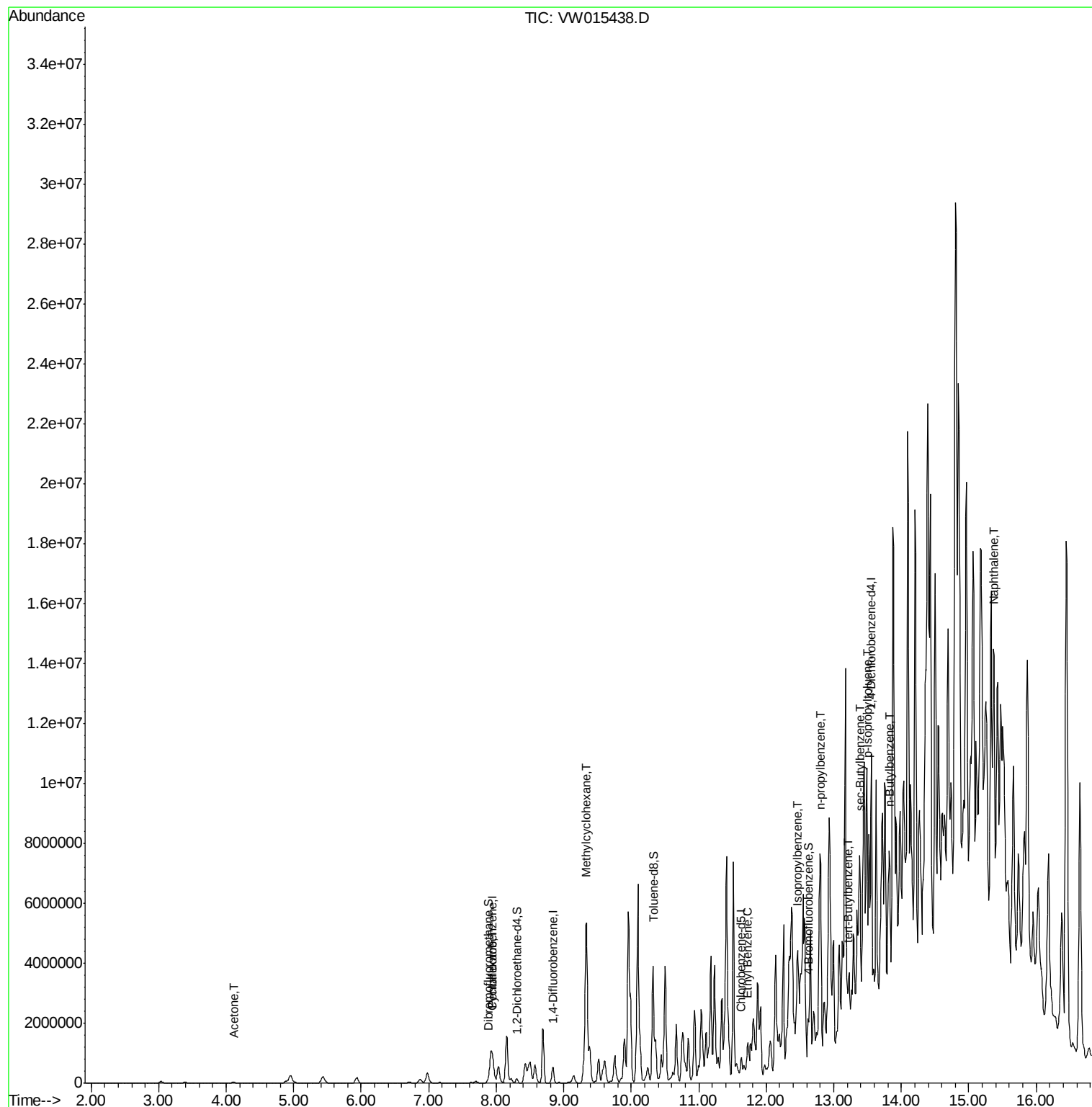
						Qvalue
16) Acetone	4.12	43	26093	76.267	ug/l #	81
31) Cyclohexane	7.95	56	440607	109.177	ug/l	98
39) Methylcyclohexane	9.34	83	2192887	516.797	ug/l	96
67) Ethyl Benzene	11.73	91	115196	10.676	ug/l	99
73) Isopropylbenzene	12.46	105	1817182	169.630	ug/l	100
78) n-propylbenzene	12.80	91	4279183	332.943	ug/l	98
83) tert-Butylbenzene	13.21	119	96929	12.589	ug/l	88
85) sec-Butylbenzene	13.38	105	2686497	247.640	ug/l	87
86) p-Isopropyltoluene	13.50	119	119331	12.061	ug/l	97
89) n-Butylbenzene	13.82	91	2453934	253.345	ug/l #	84
95) Naphthalene	15.37	128	7666099	1626.305	ug/l	97

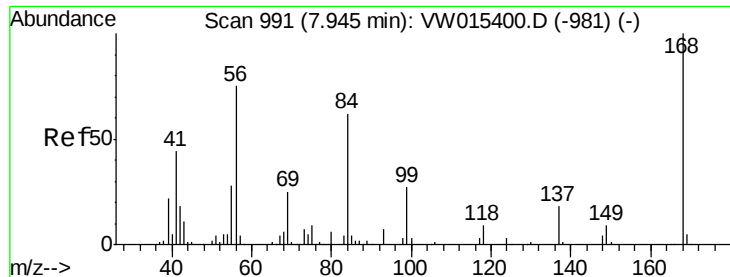
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW051520\
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Instrument :
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ClientSampleId :
SB-4-14.0-14.5

Quant Time: May 16 08:16:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
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# 991

Delta R.T. 0.00 min

Lab File: VW015438.D

Acq: 15 May 2020 17:04

Instrument :

MSVOA_W

ClientSampleId :

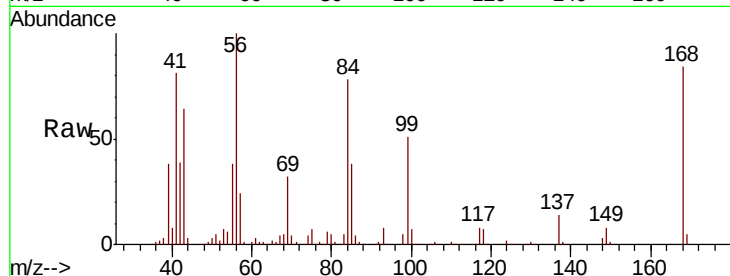
SB-4-14.0-14.5

Tot Ion:168 Resp: 200346

Ion Ratio Lower Upper

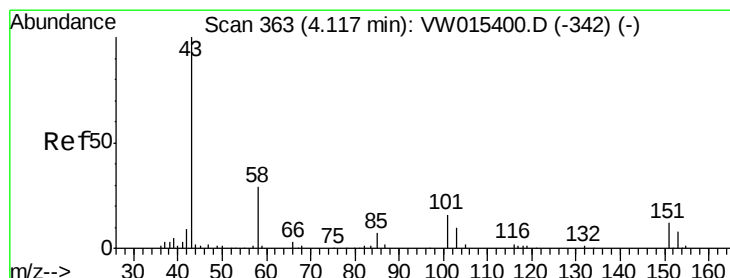
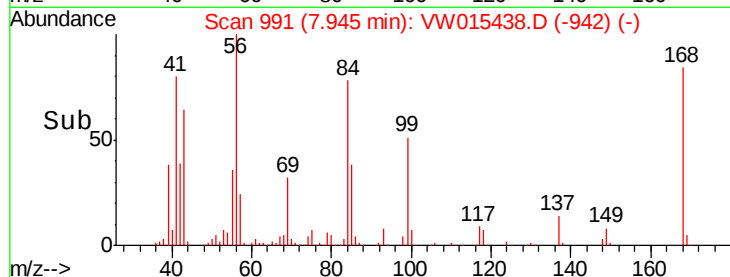
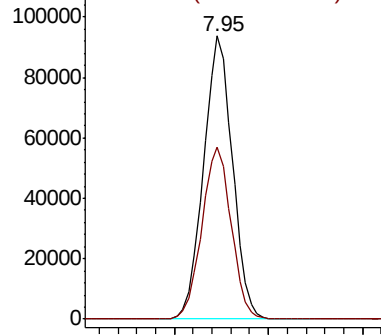
168 100

99 60.6 50.3 75.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 76.267 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW015438.D

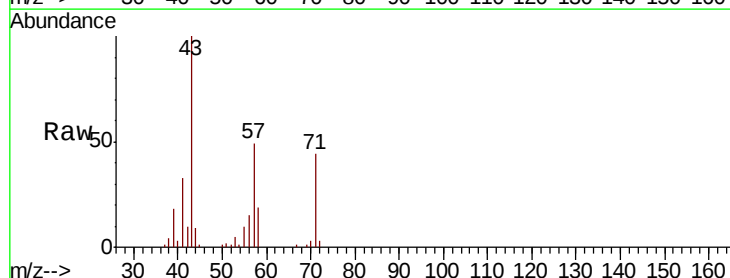
Acq: 15 May 2020 17:04

Tgt Ion: 43 Resp: 26093

Ion Ratio Lower Upper

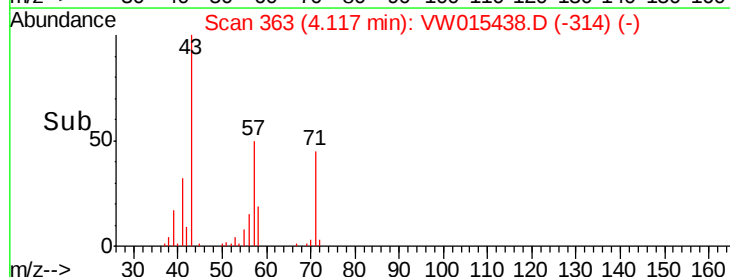
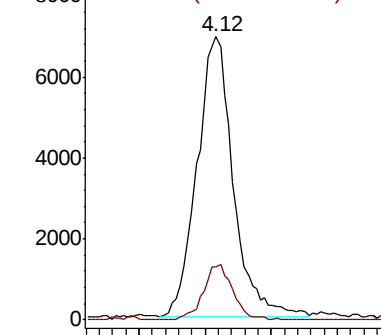
43 100

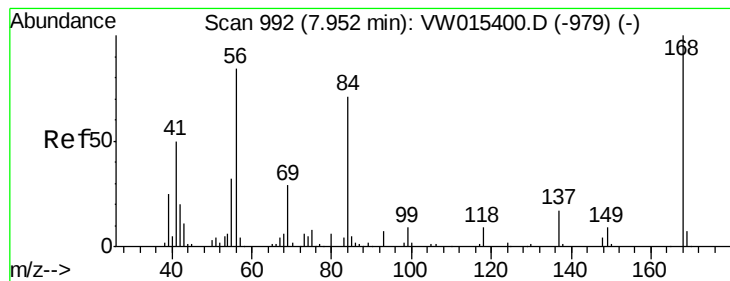
58 19.0 23.4 35.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#31

Cyclohexane

Concen: 109.177 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015438.D

Acq: 15 May 2020 17:04

Instrument :

MSVOA_W

ClientSampleId :

SB-4-14.0-14.5

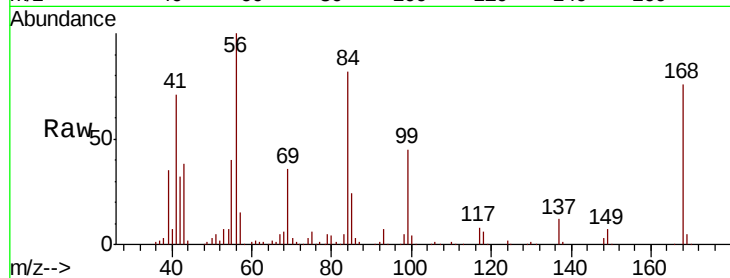
Tot Ion: 56 Resp: 440607

Ion Ratio Lower Upper

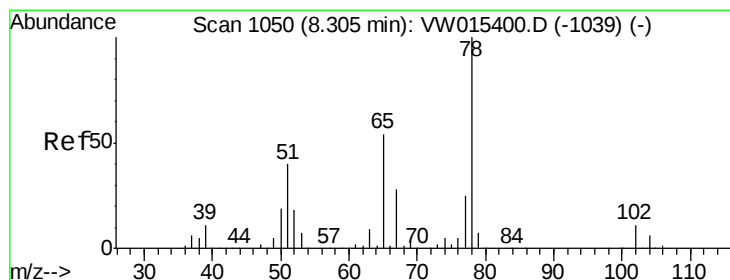
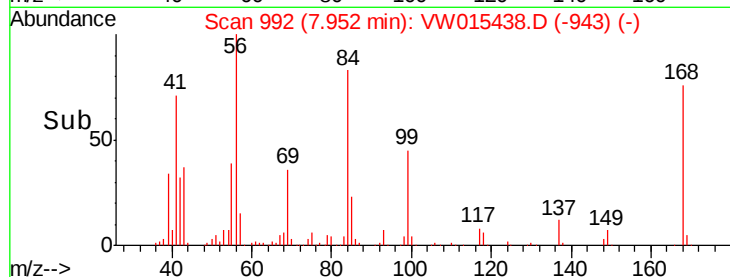
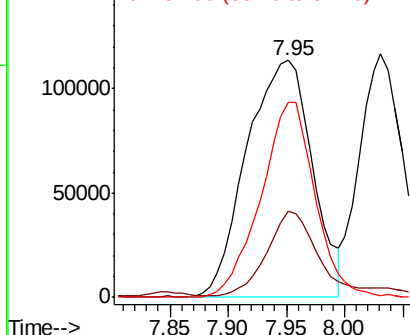
56 100

69 35.0 27.2 40.8

84 82.6 67.7 101.5



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 51.933 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015438.D

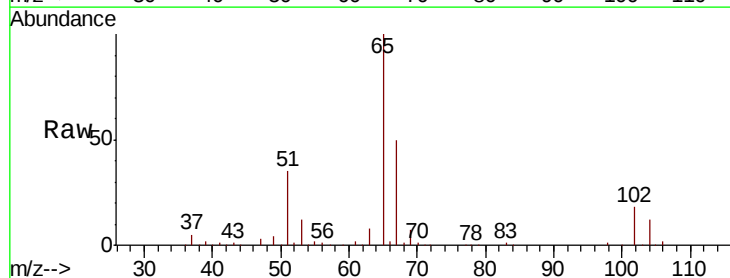
Acq: 15 May 2020 17:04

Tgt Ion: 65 Resp: 114373

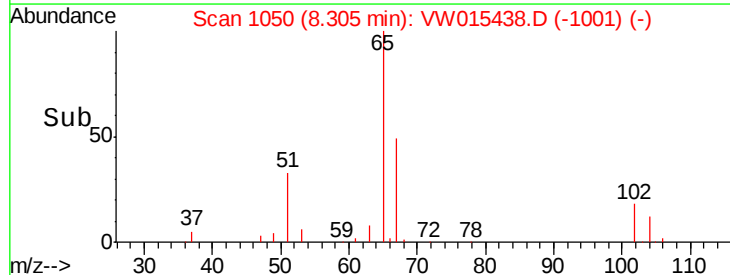
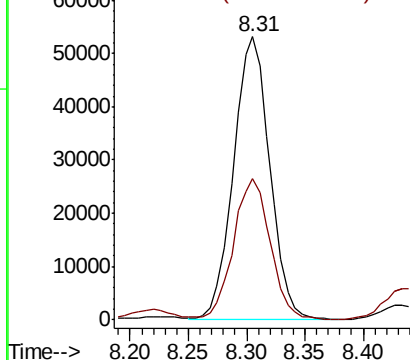
Ion Ratio Lower Upper

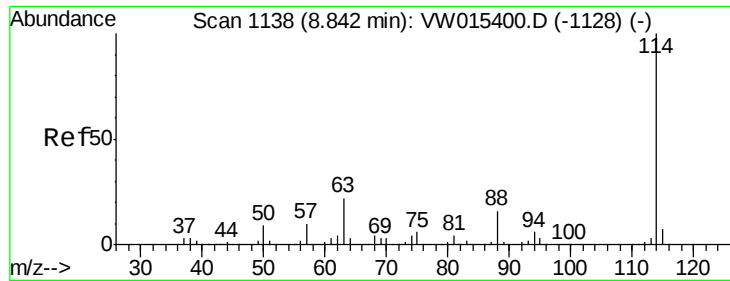
65 100

67 50.7 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

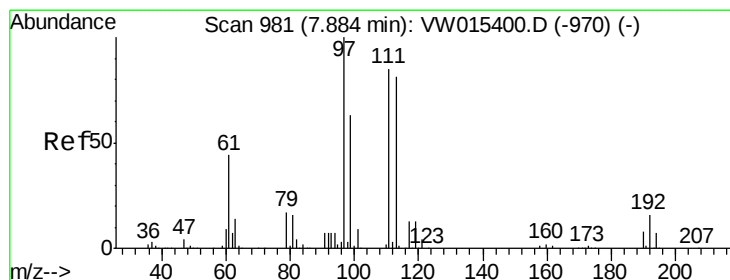
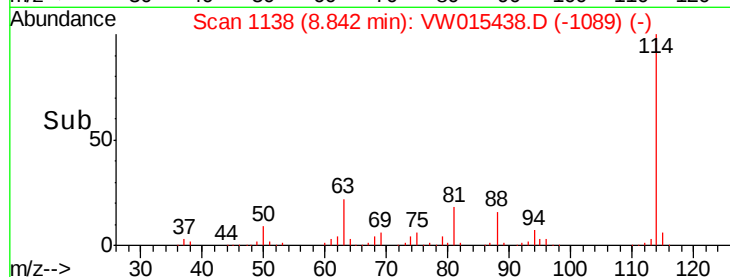
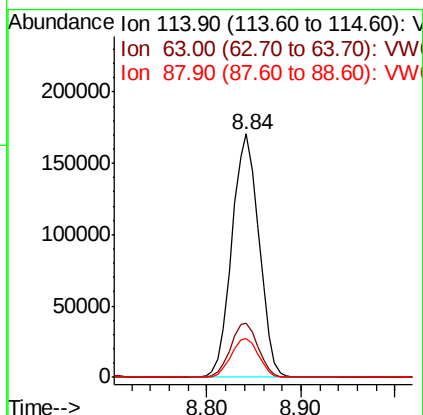
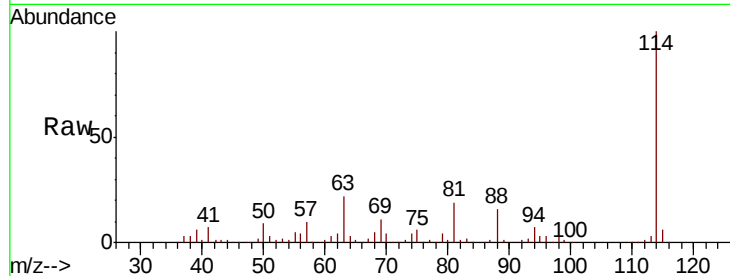




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015438.D
 Acq: 15 May 2020 17:04

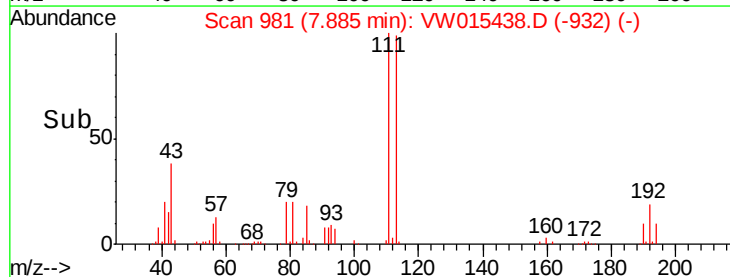
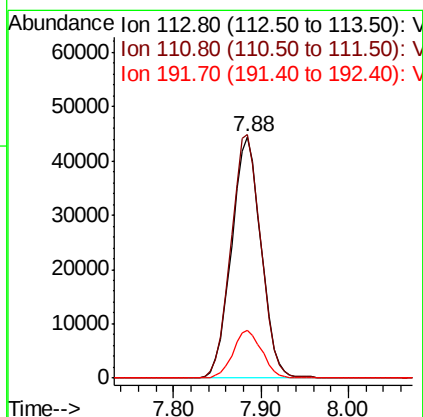
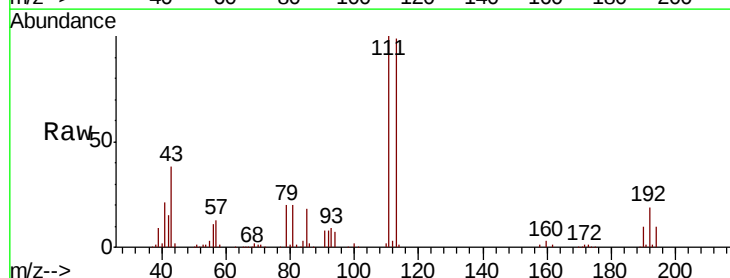
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4-14.0-14.5

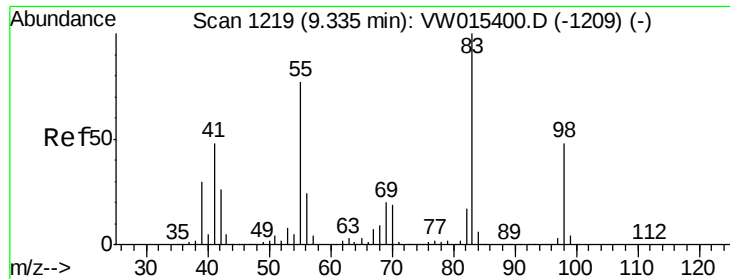
Tot Ion:	114	Resp:	341188
Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.4
88	16.0	0.0	31.8



#35
 Dibromofluoromethane
 Concen: 53.240 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015438.D
 Acq: 15 May 2020 17:04

Tgt Ion:	113	Resp:	104258
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.9	124.3
192	19.3	15.4	23.0

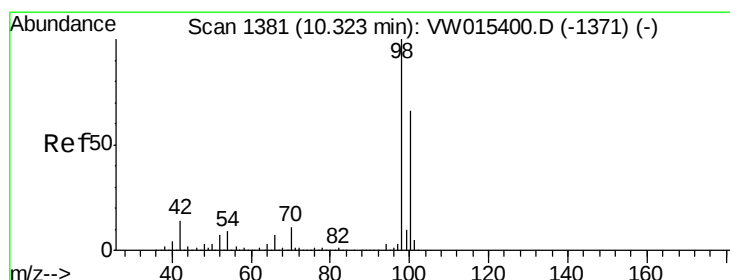
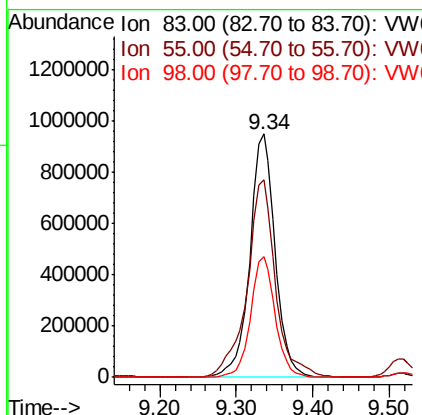
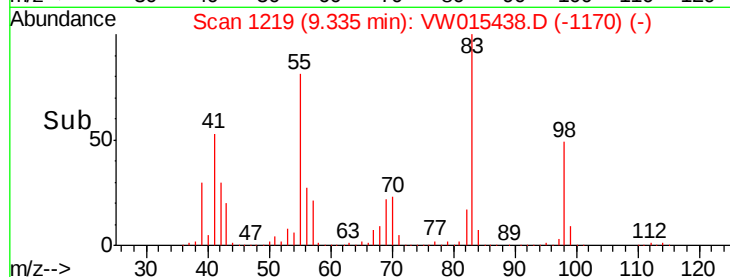
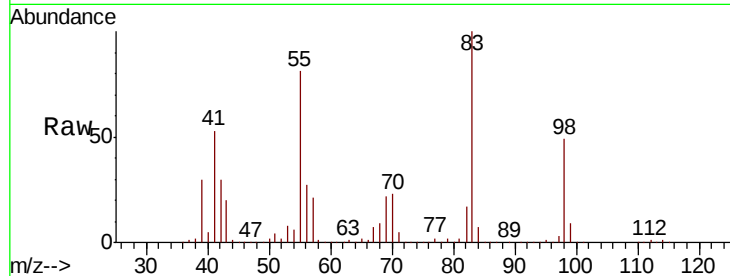




#39
Methvlcvclohexane
Concen: 516.797 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015438.D
Acq: 15 May 2020 17:04

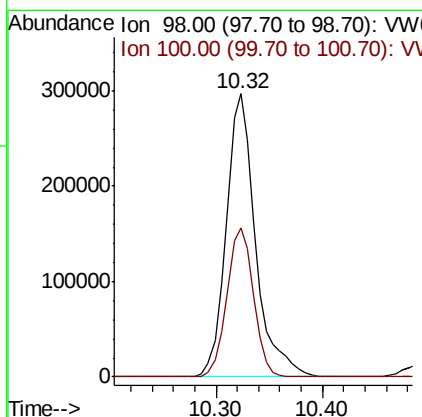
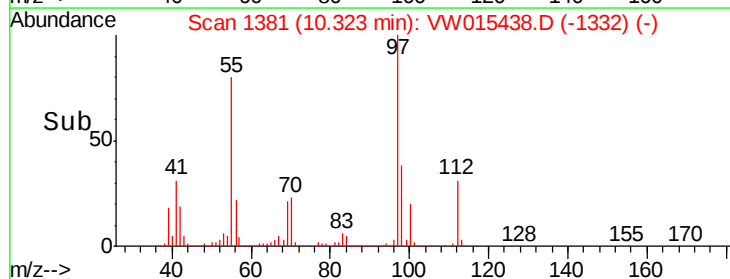
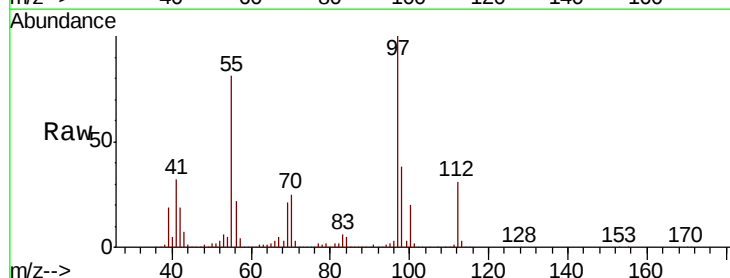
Instrument :
MSVOA_W
ClientSampleId :
SB-4-14.0-14.5

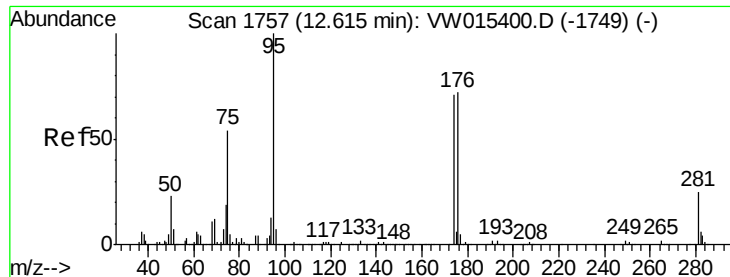
Tot Ion: 83 Resp: 2192887
Ion Ratio Lower Upper
83 100
55 81.4 61.9 92.9
98 49.4 38.2 57.2



#50
Toluene-d8
Concen: 70.398 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015438.D
Acq: 15 May 2020 17:04

Tgt Ion: 98 Resp: 570507
Ion Ratio Lower Upper
98 100
100 47.9 52.7 79.1#

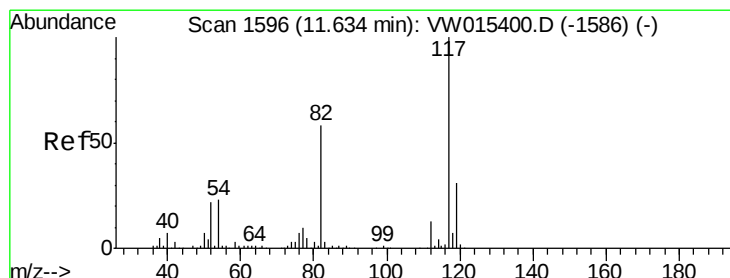
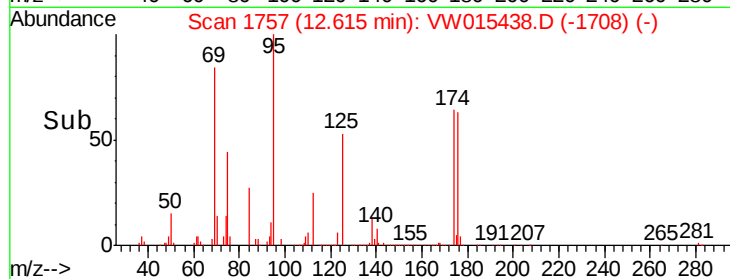
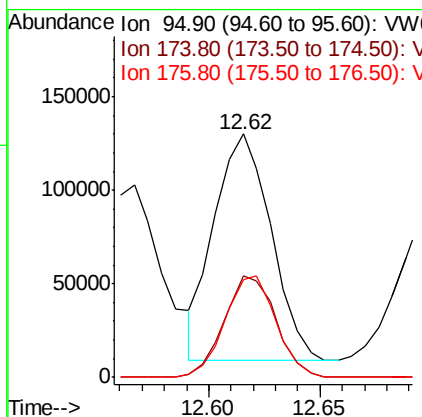
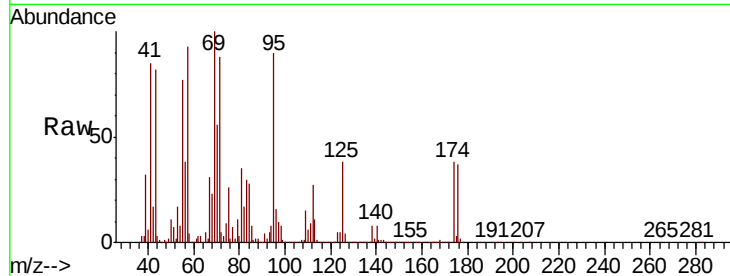




#62
4-Bromofluorobenzene
Concen: 71.919 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW015438.D
Acq: 15 May 2020 17:04

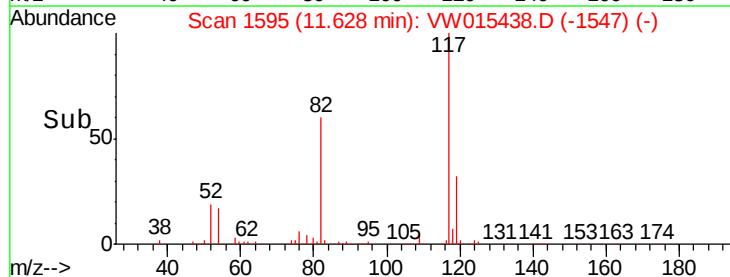
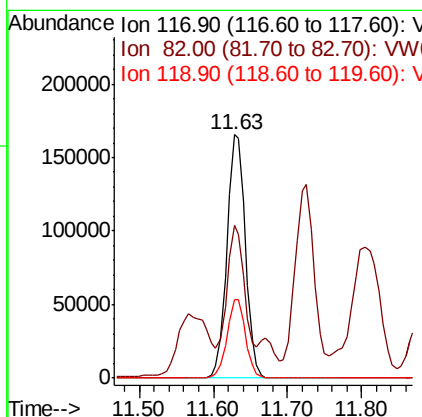
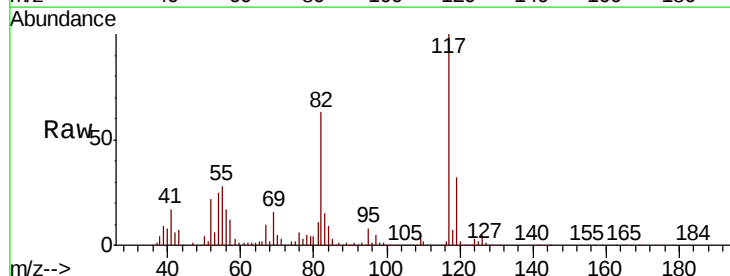
Instrument :
MSVOA_W
ClientSampleId :
SB-4-14.0-14.5

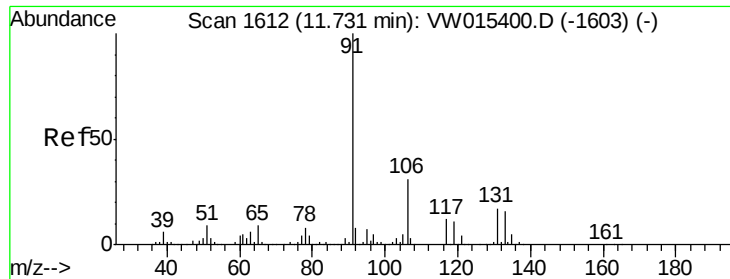
Tot Ion: 95 Resp: 215217
Ion Ratio Lower Upper
95 100
174 41.1 0.0 147.6
176 40.6 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015438.D
Acq: 15 May 2020 17:04

Tgt Ion: 117 Resp: 285927
Ion Ratio Lower Upper
117 100
82 51.0 46.4 69.6
119 32.1 24.6 37.0

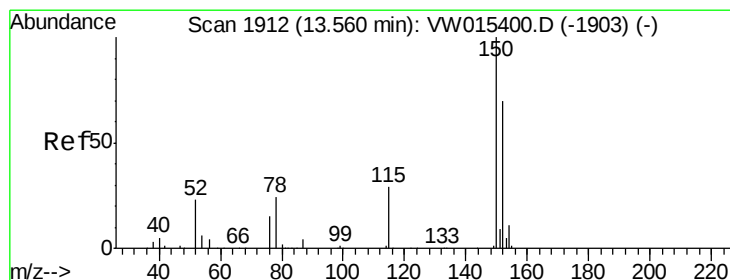
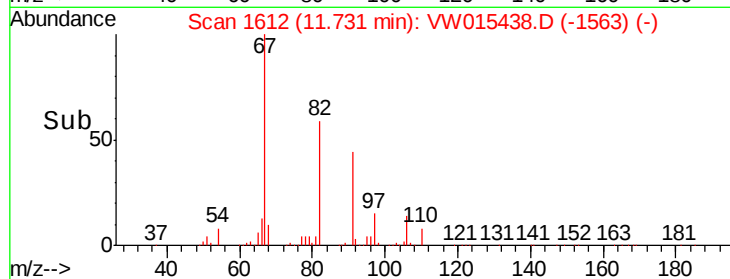
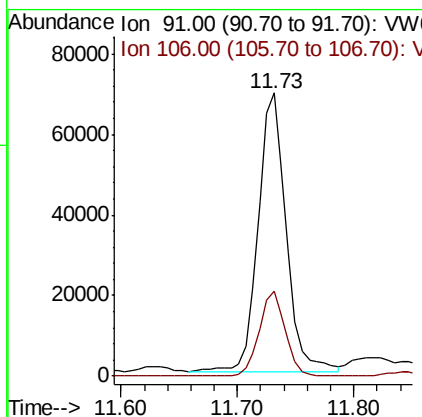
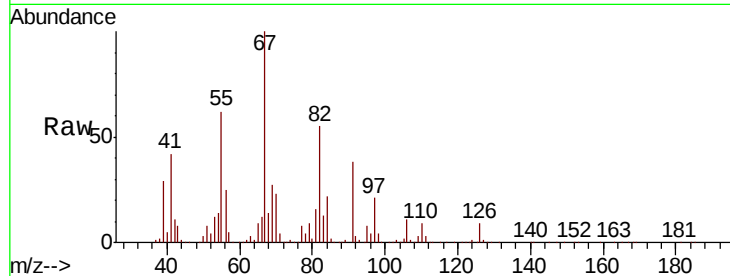




#67
Ethyl Benzene
Concen: 10.676 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015438.D
Acq: 15 May 2020 17:04

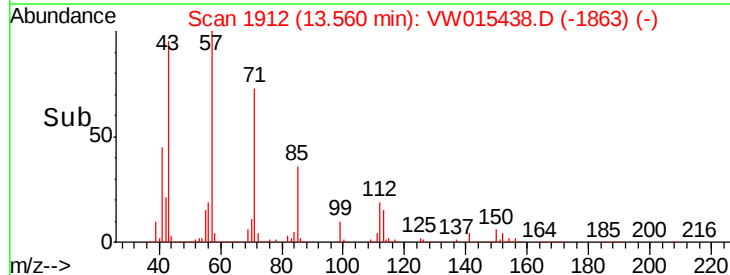
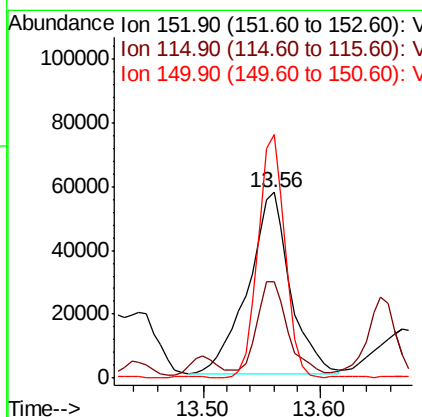
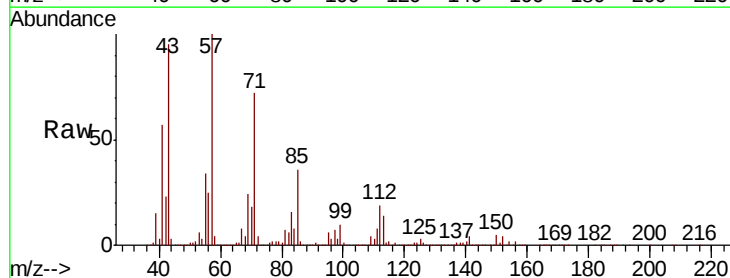
Instrument :
MSVOA_W
ClientSampleId :
SB-4-14.0-14.5

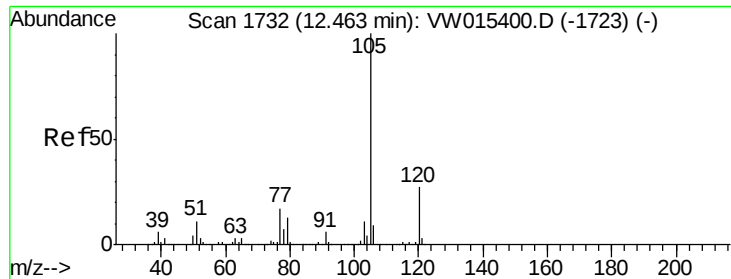
Tot Ion: 91 Resp: 115196
Ion Ratio Lower Upper
91 100
106 30.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015438.D
Acq: 15 May 2020 17:04

Tgt Ion: 152 Resp: 143491
Ion Ratio Lower Upper
152 100
115 35.9 30.3 90.8
150 85.1 0.0 344.4





#73

Isopropylbenzene

Concen: 169.630 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015438.D

Acq: 15 May 2020 17:04

Instrument :

MSVOA_W

ClientSampleId :

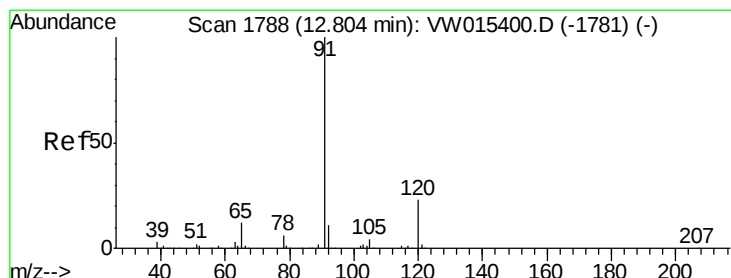
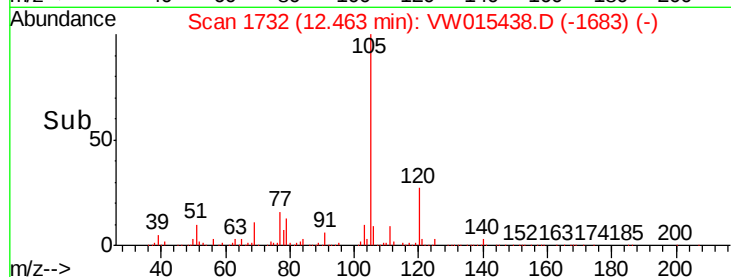
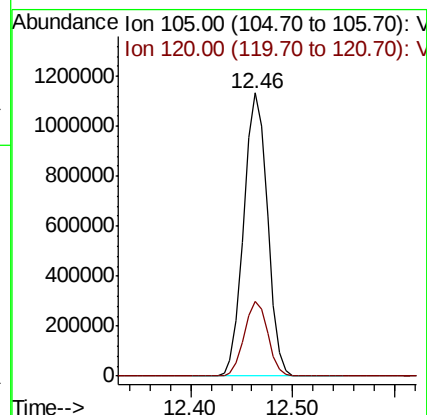
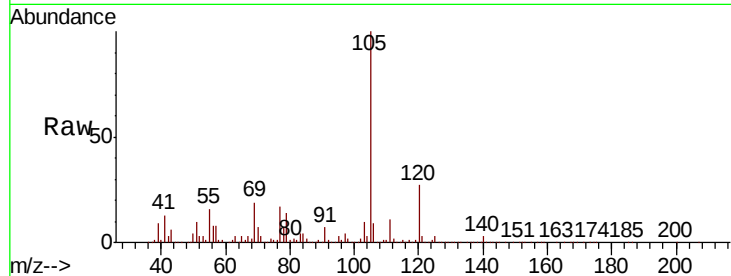
SB-4-14.0-14.5

Tot Ion:105 Resp: 1817182

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.3



#78

n-propylbenzene

Concen: 332.943 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015438.D

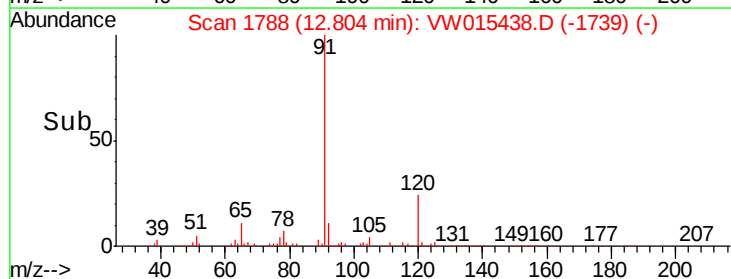
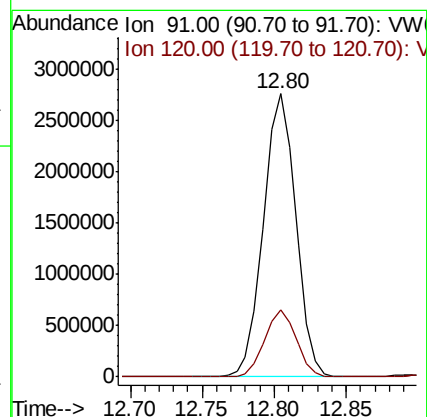
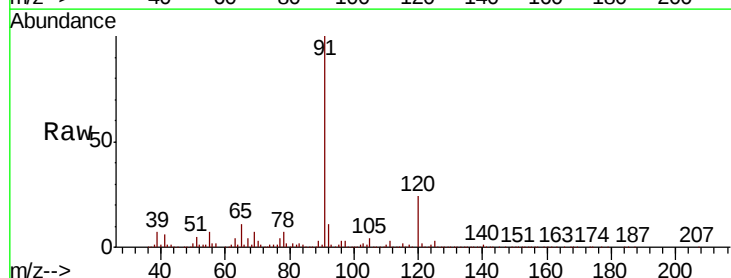
Acq: 15 May 2020 17:04

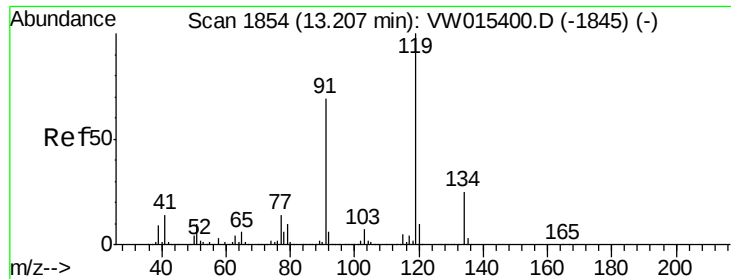
Tgt Ion: 91 Resp: 4279183

Ion Ratio Lower Upper

91 100

120 23.1 11.2 33.6

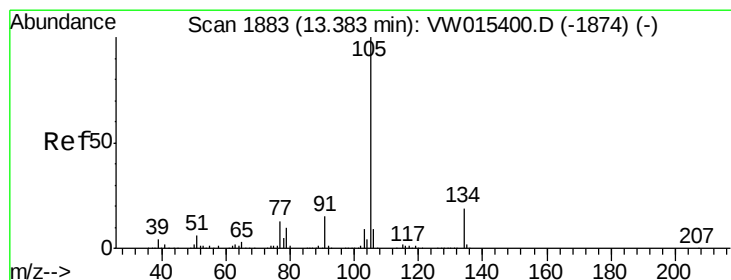
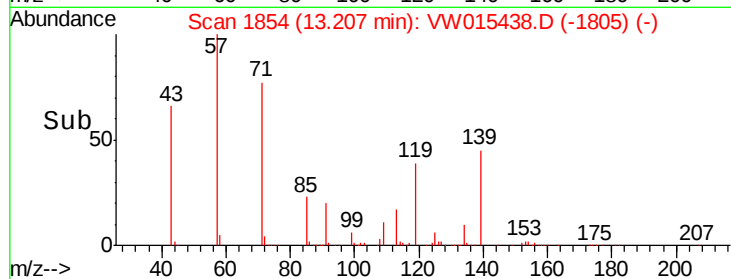
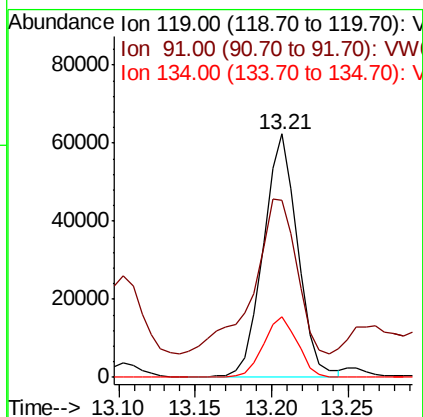
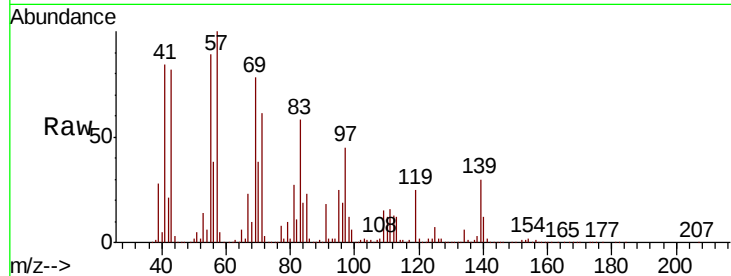




#83
tert-Butylbenzene
Concen: 12.589 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015438.D
Acq: 15 May 2020 17:04

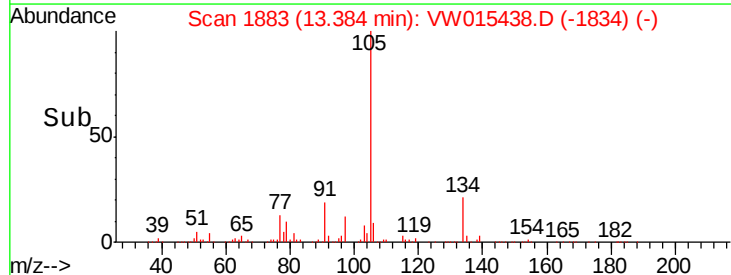
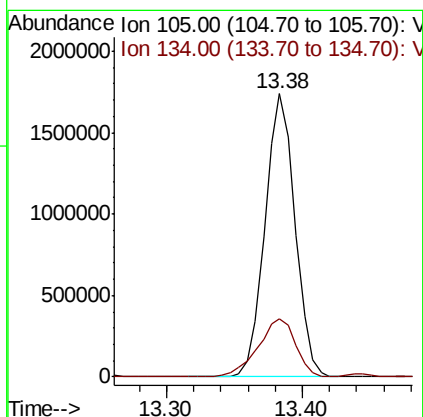
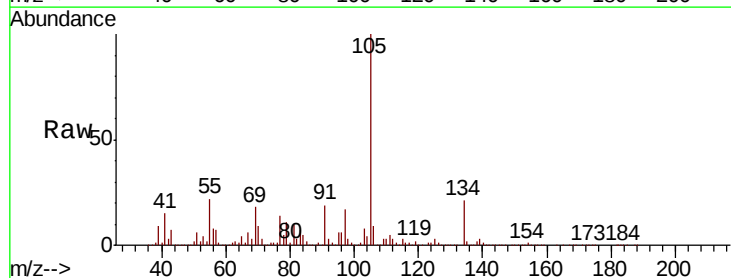
Instrument :
MSVOA_W
ClientSampleId :
SB-4-14.0-14.5

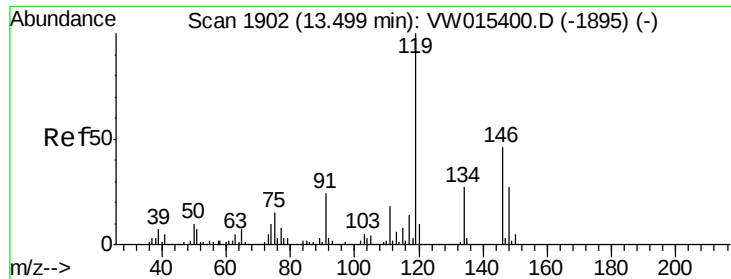
Tot Ion:119 Resp: 96929
Ion Ratio Lower Upper
119 100
91 80.8 33.8 101.4
134 25.1 12.3 36.9



#85
sec-Butylbenzene
Concen: 247.640 ug/l
RT: 13.38 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VW015438.D
Acq: 15 May 2020 17:04

Tgt Ion:105 Resp: 2686497
Ion Ratio Lower Upper
105 100
134 25.7 9.8 29.5

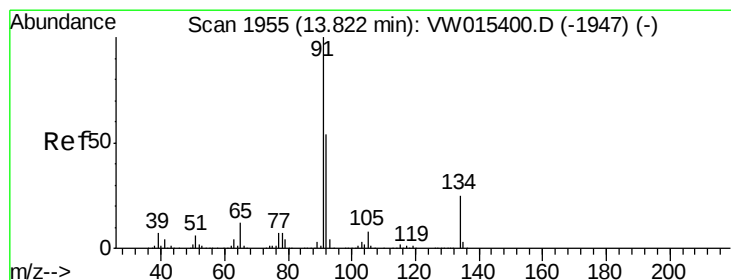
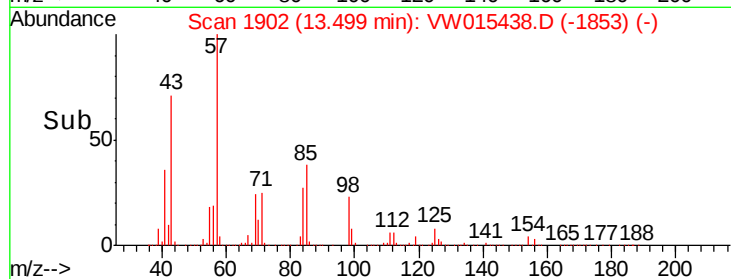
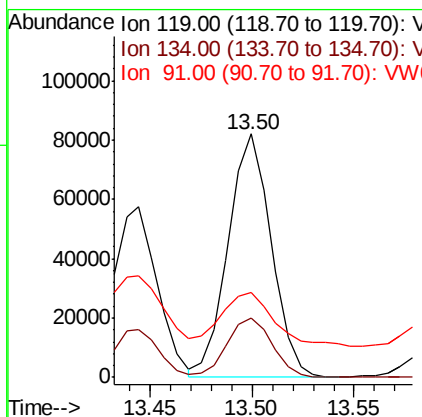
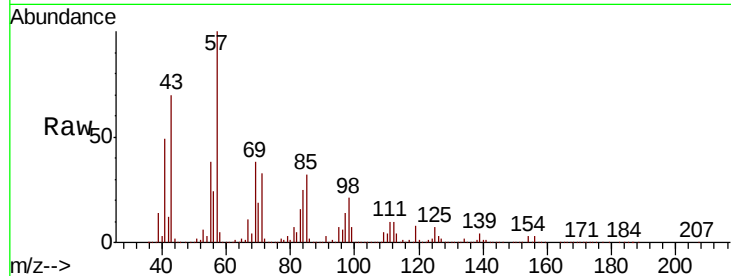




#86
p-Isopropyltoluene
Concen: 12.061 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. 0.00 min
Lab File: VW015438.D
Acq: 15 May 2020 17:04

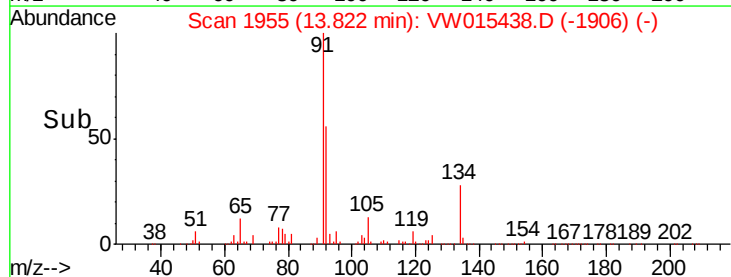
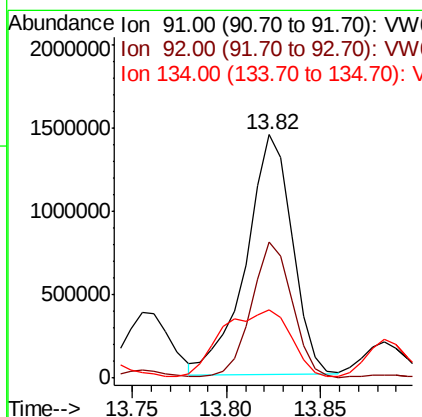
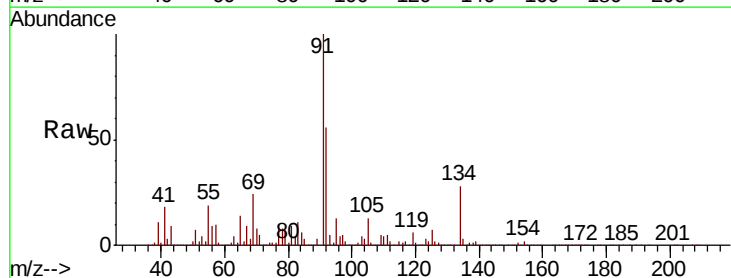
Instrument :
MSVOA_W
ClientSampled :
SB-4-14.0-14.5

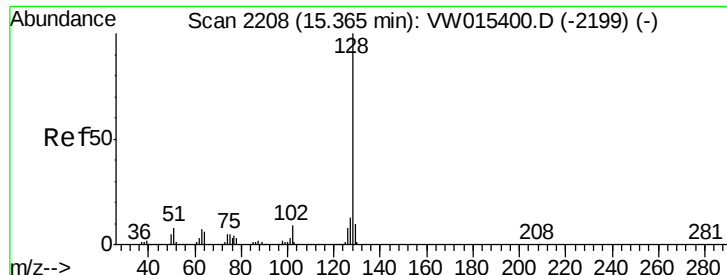
Tot Ion:119 Resp: 119331
Ion Ratio Lower Upper
119 100
134 25.3 12.8 38.4
91 26.9 12.1 36.3



#89
n-Butylbenzene
Concen: 253.345 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW015438.D
Acq: 15 May 2020 17:04

Tgt Ion: 91 Resp: 2453934
Ion Ratio Lower Upper
91 100
92 49.4 27.2 81.6
134 42.6 12.6 37.6#





#95
Naphthalene
Concen: 1626.305 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW015438.D
Acq: 15 May 2020 17:04

Instrument :
MSVOA_W
ClientSampleId :
SB-4-14.0-14.5

Tot Ion:128 Resp: 7666099
Ion Ratio Lower Upper
128 100
127 14.6 10.5 15.7
129 11.7 8.6 12.8

