

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012819\
 Data File : VW008434.D
 Acq On : 28 Jan 2019 12:47
 Operator : SY/VA
 Sample : K1261-01
 Misc : 5.65G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EL-EAST-OF-JDHS

Quant Time: Jan 29 04:26:41 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

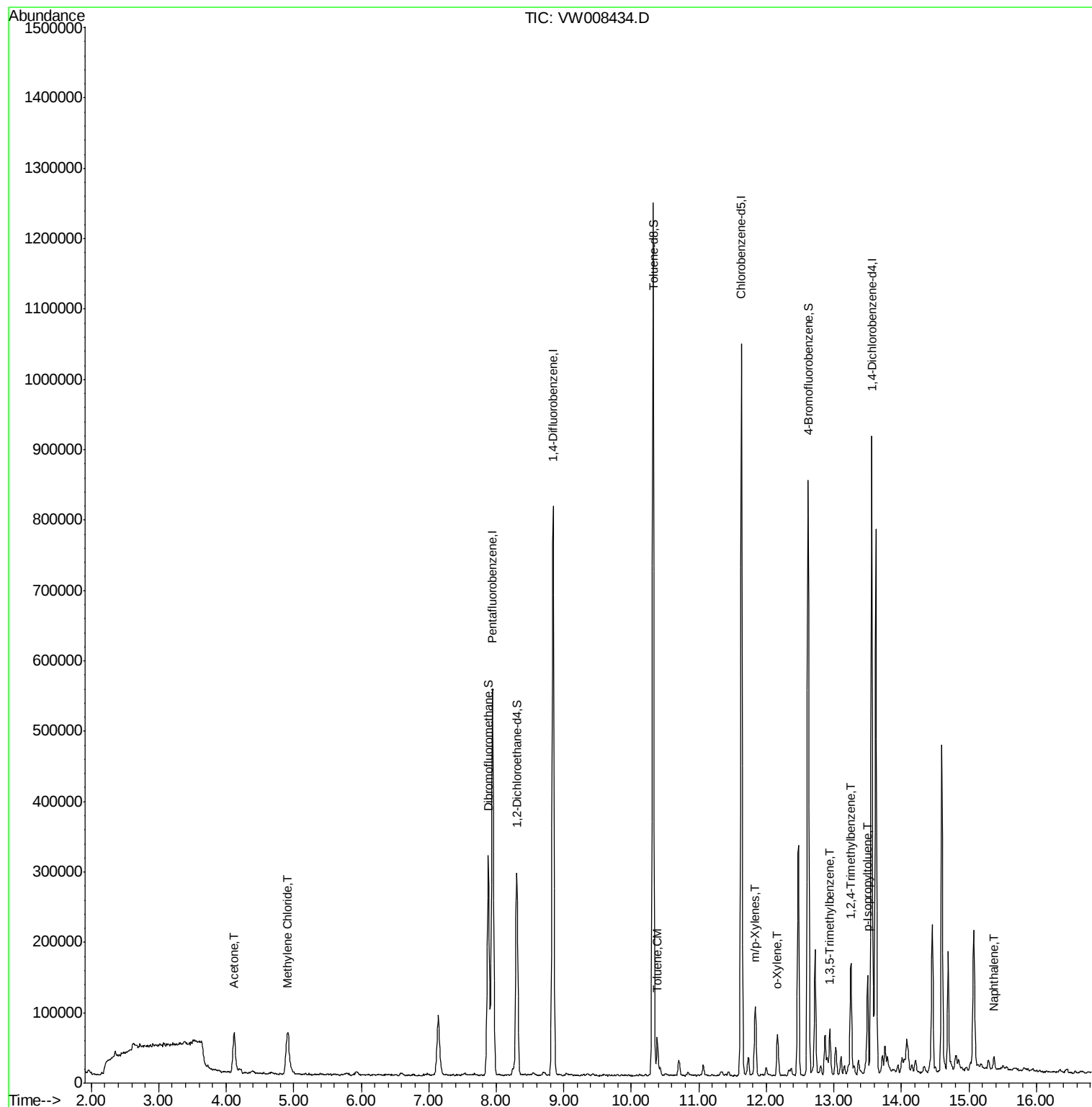
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	433440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	695722	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	581416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	234452	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	219579	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
35) Dibromofluoromethane	7.88	113	215352	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.88%	
50) Toluene-d8	10.32	98	812858	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.66%	
62) 4-Bromofluorobenzene	12.62	95	265965	42.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.82%	
Target Compounds						
16) Acetone	4.12	43	98241	102.738	ug/l	98
20) Methylene Chloride	4.91	84	51759	11.744	ug/l	95
52) Toluene	10.39	92	22726	1.888	ug/l	97
68) m/p-Xylenes	11.83	106	31321	3.700	ug/l	91
69) o-Xylene	12.16	106	15430	1.918	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	15014	1.028	ug/l	89
84) 1,2,4-Trimethylbenzene	13.26	105	82816	5.577	ug/l	100
86) p-Isopropyltoluene	13.50	119	75981	4.672	ug/l	97
95) Naphthalene	15.37	128	15708	1.838	ug/l #	95

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

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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: VW008434.D

Acq: 28 Jan 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

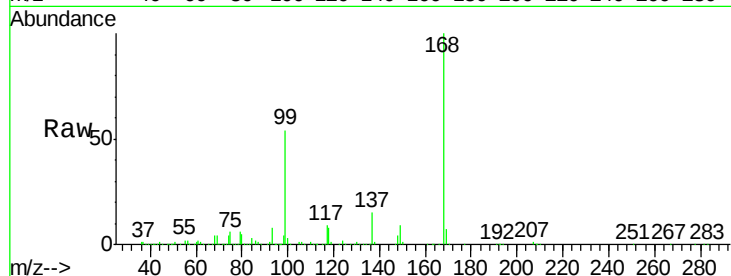
EL-EAST-OF-JDHS

Tot Ion:168 Resp: 433440

Ion Ratio Lower Upper

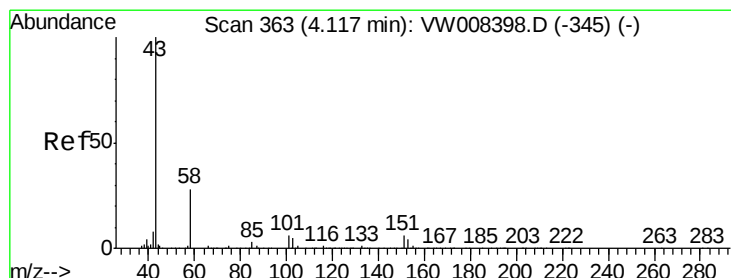
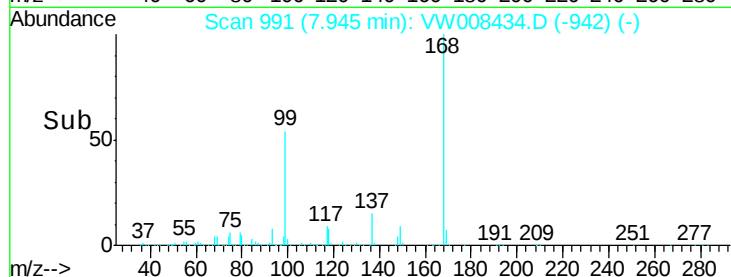
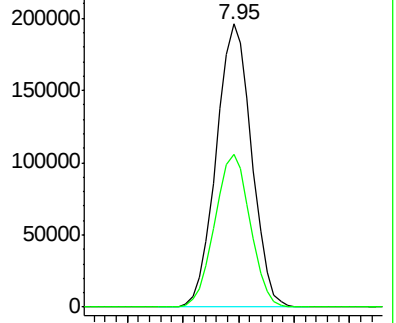
168 100

99 53.9 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 102.738 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008434.D

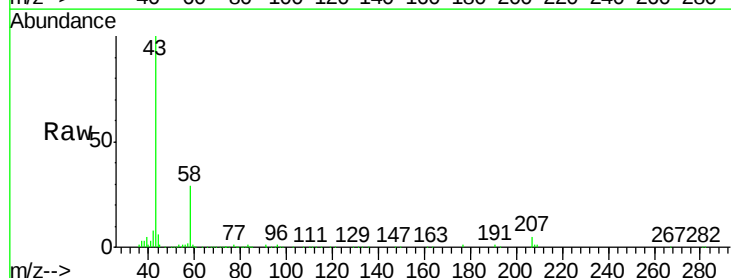
Acq: 28 Jan 2019 12:47

Tgt Ion: 43 Resp: 98241

Ion Ratio Lower Upper

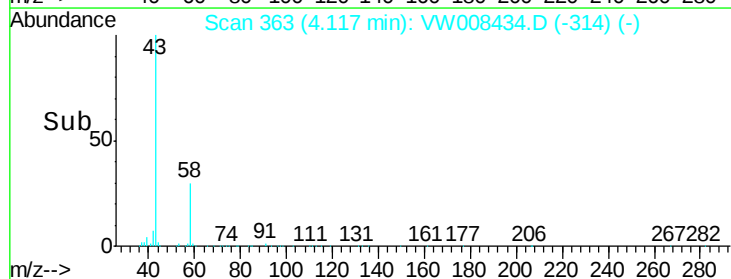
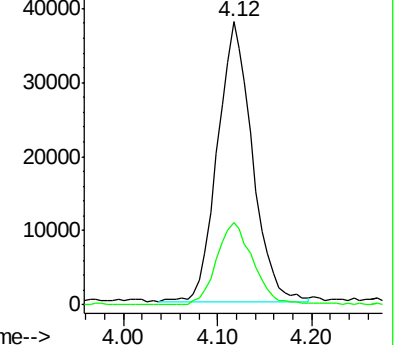
43 100

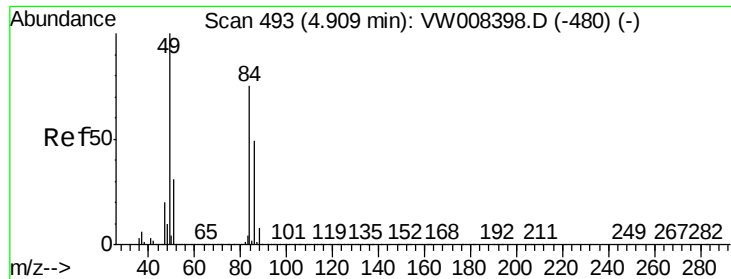
58 29.3 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

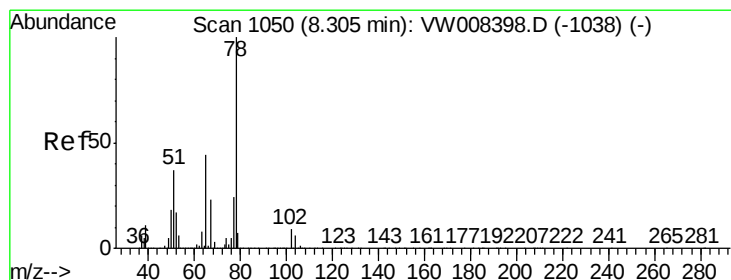
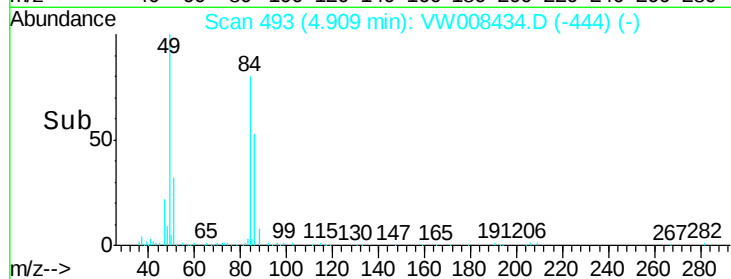
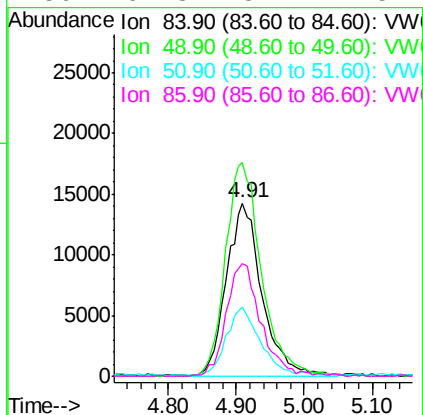
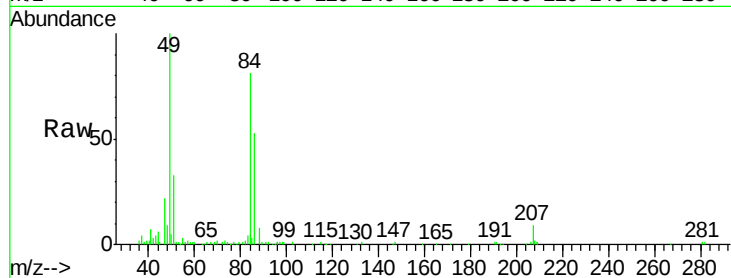




#20
Methylene Chloride
Concen: 11.744 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008434.D
Acq: 28 Jan 2019 12:47

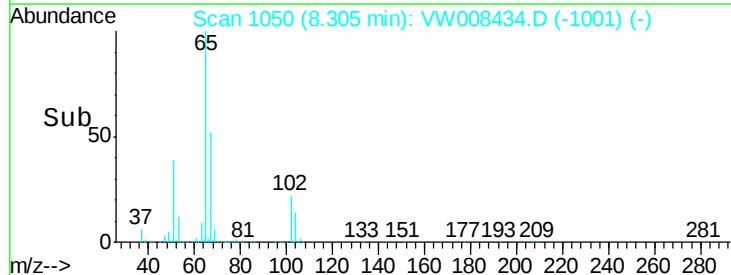
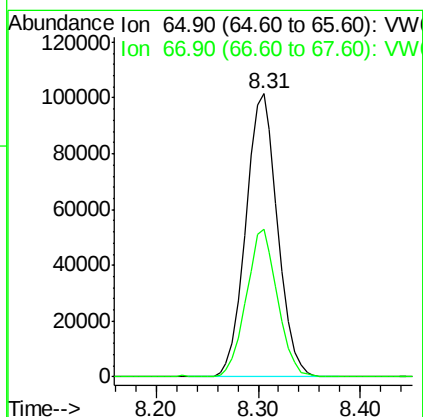
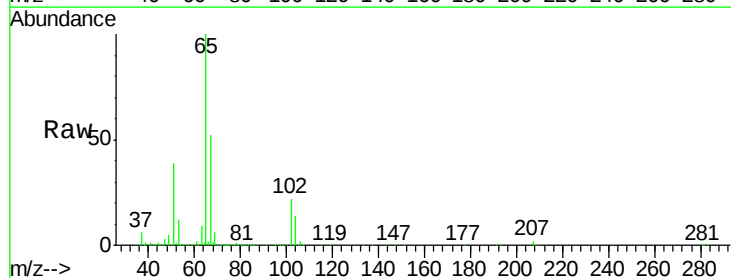
Instrument :
MSVOA_W
ClientSampleId :
EL-EAST-OF-JDHS

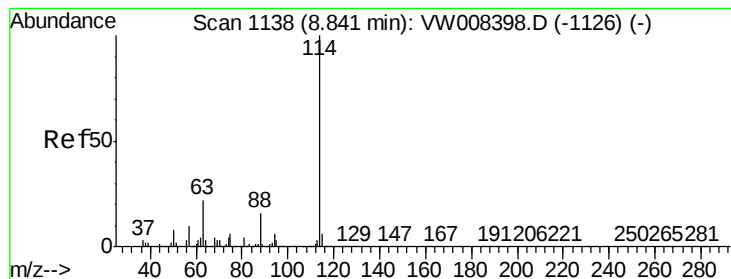
Tot Ion:	84	Resp:	51759
Ion	Ratio	Lower	Upper
84	100		
49	123.3	106.8	160.2
51	39.5	32.9	49.3
86	64.8	52.2	78.2



#33
1,2-Dichloroethane-d4
Concen: 51.567 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008434.D
Acq: 28 Jan 2019 12:47

Tgt Ion:	65	Resp:	219579
Ion	Ratio	Lower	Upper
65	100		
67	50.9	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: VW008434.D

Acq: 28 Jan 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

EL-EAST-OF-JDHS

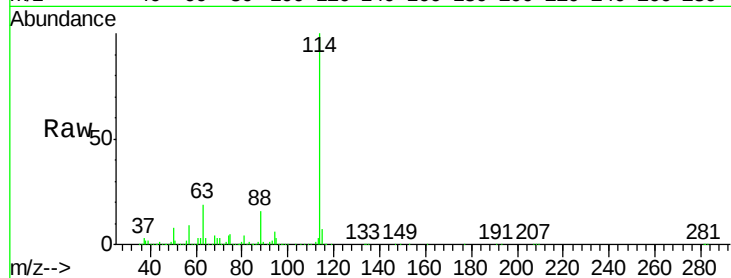
Tot Ion:114 Resp: 695722

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.6

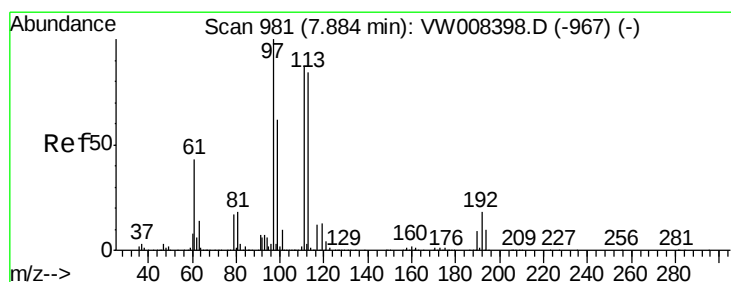
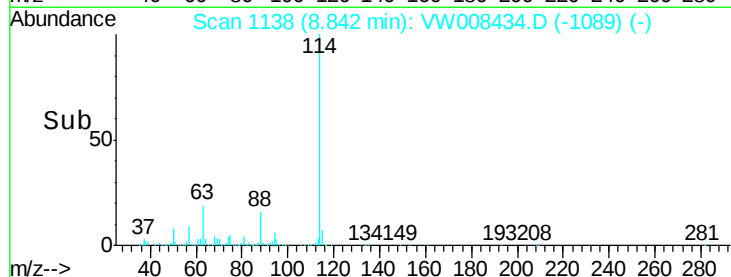
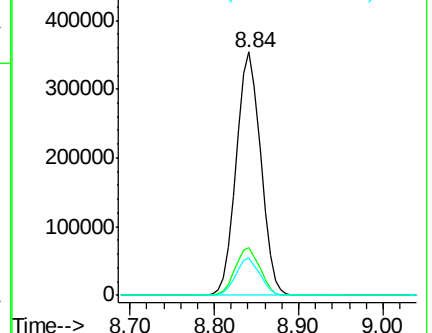
88 15.5 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 52.936 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008434.D

Acq: 28 Jan 2019 12:47

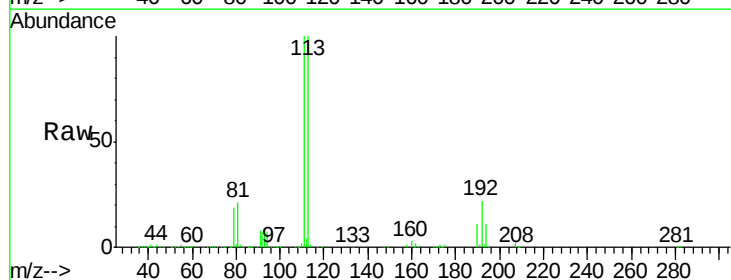
Tgt Ion:113 Resp: 215352

Ion Ratio Lower Upper

113 100

111 100.6 81.0 121.4

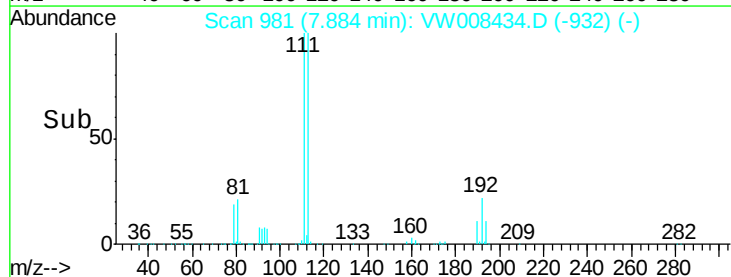
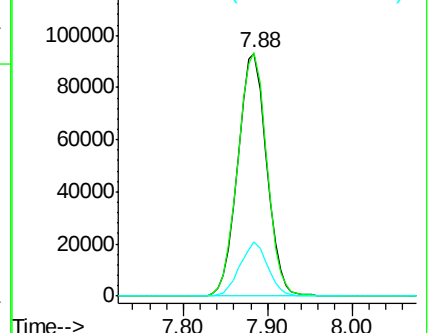
192 21.4 16.8 25.2

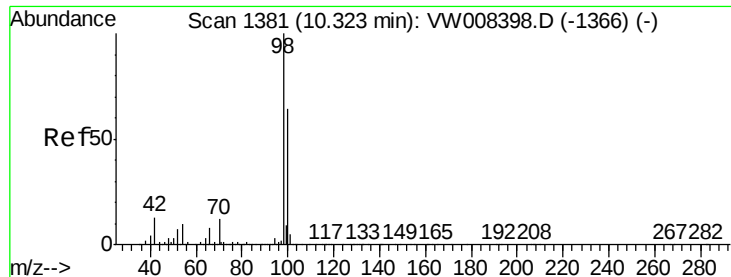


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.828 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008434.D

Acq: 28 Jan 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

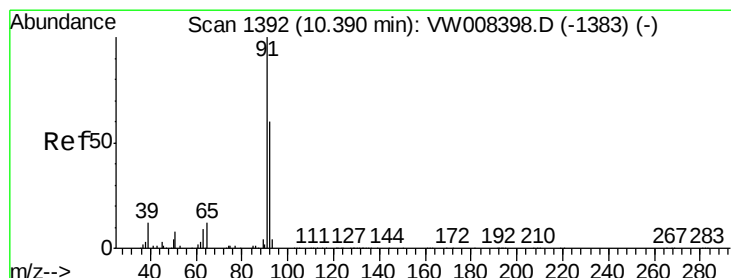
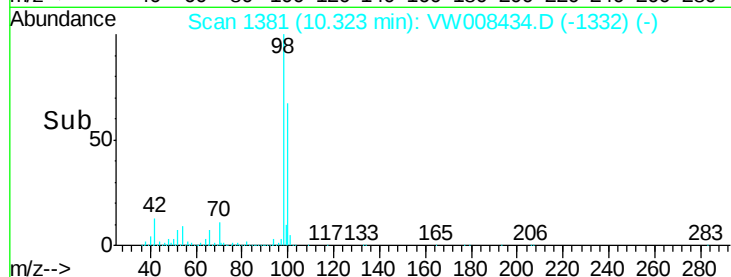
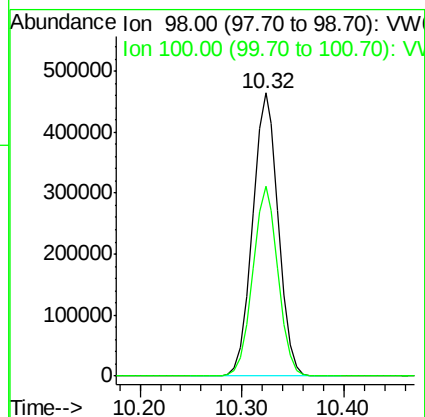
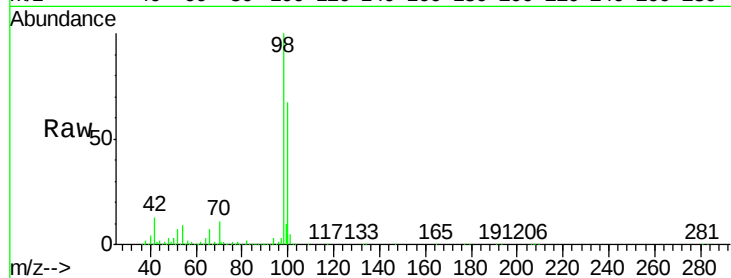
EL-EAST-OF-JDHS

Tot Ion: 98 Resp: 812858

Ion Ratio Lower Upper

98 100

100 66.0 52.6 78.8



#52

Toluene

Concen: 1.888 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008434.D

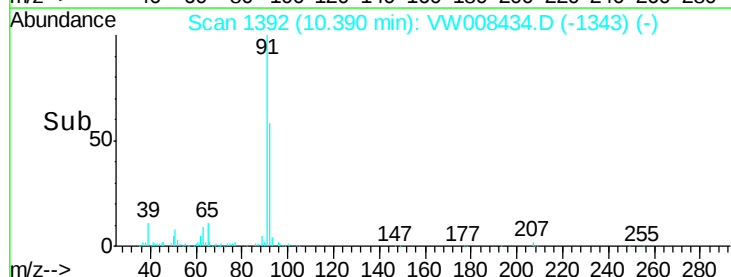
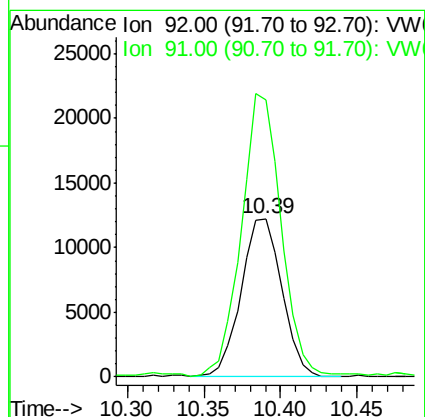
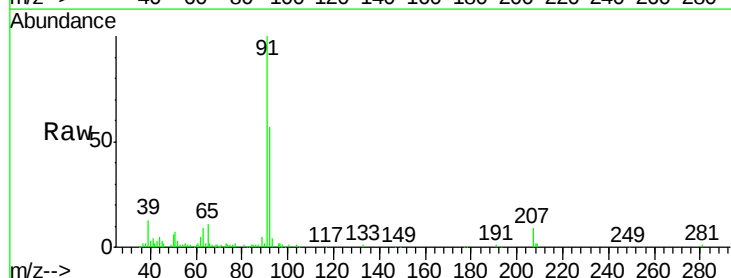
Acq: 28 Jan 2019 12:47

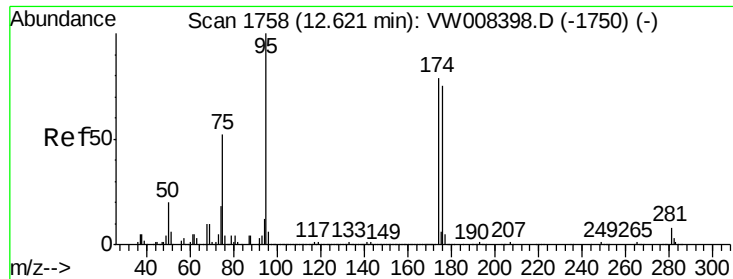
Tgt Ion: 92 Resp: 22726

Ion Ratio Lower Upper

92 100

91 173.2 135.5 203.3

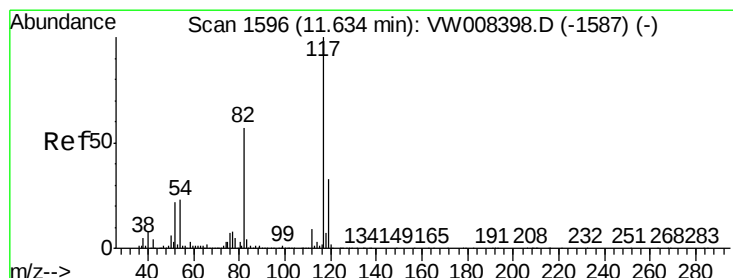
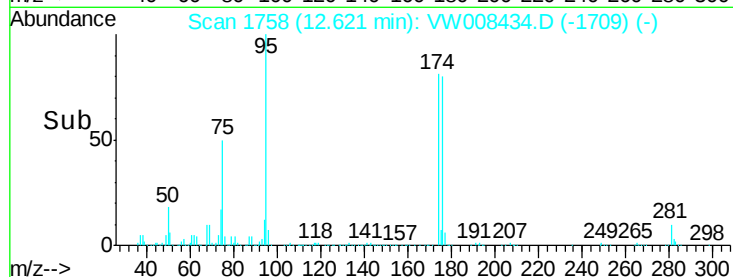
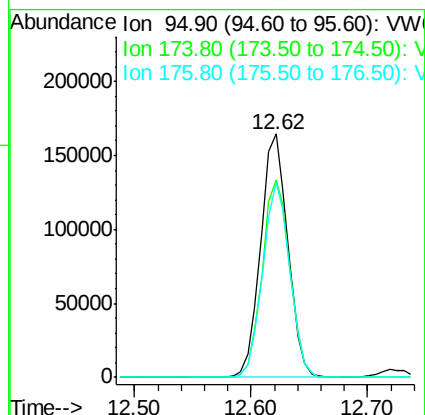
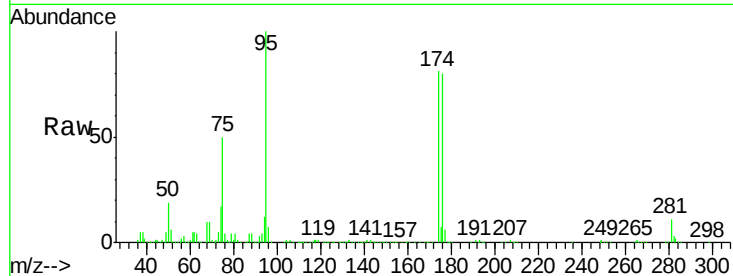




#62
4-Bromofluorobenzene
Concen: 42.415 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008434.D
Acq: 28 Jan 2019 12:47

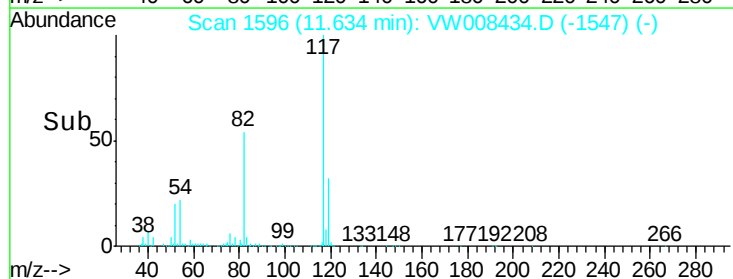
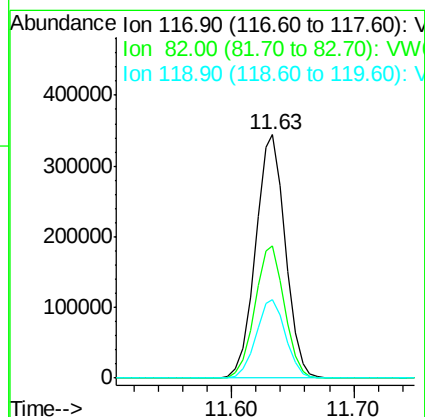
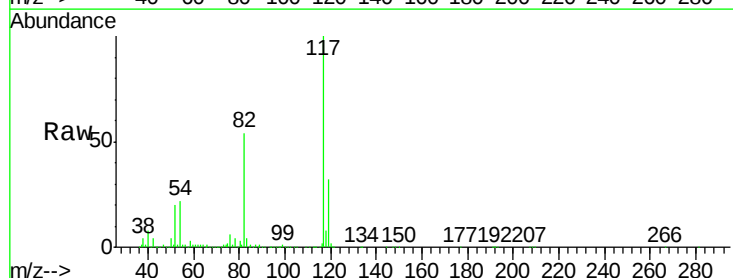
Instrument :
MSVOA_W
ClientSampleId :
EL-EAST-OF-JDHS

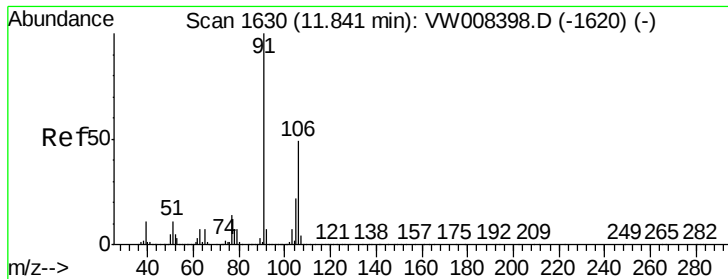
Tot Ion: 95 Resp: 265965
Ion Ratio Lower Upper
95 100
174 82.3 0.0 157.6
176 79.3 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008434.D
Acq: 28 Jan 2019 12:47

Tgt Ion: 117 Resp: 581416
Ion Ratio Lower Upper
117 100
82 54.3 45.4 68.0
119 32.4 26.2 39.4





#68

m/p-Xylenes

Concen: 3.700 ug/l

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW008434.D

Acq: 28 Jan 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

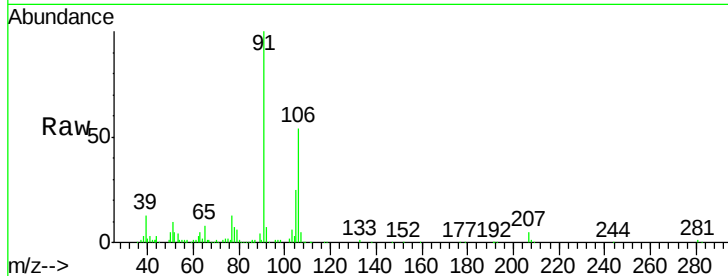
EL-EAST-OF-JDHS

Tot Ion:106 Resp: 31321

Ion Ratio Lower Upper

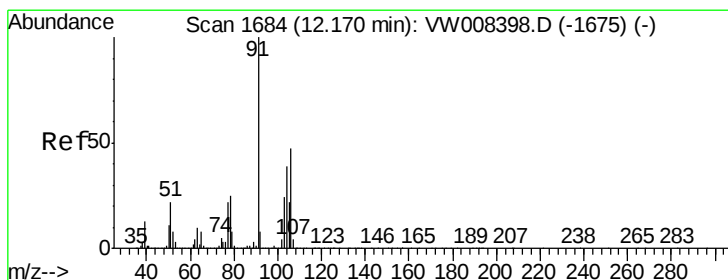
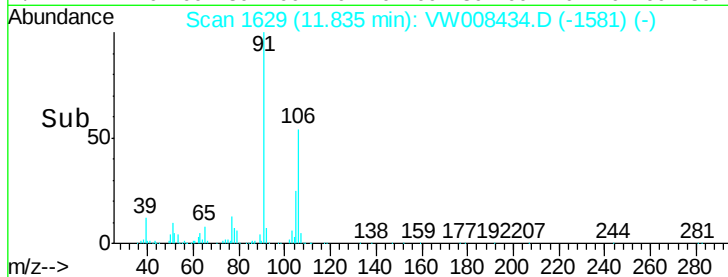
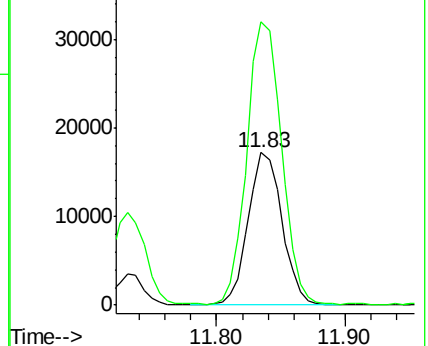
106 100

91 189.2 162.9 244.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#69

o-Xylene

Concen: 1.918 ug/l

RT: 12.16 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VW008434.D

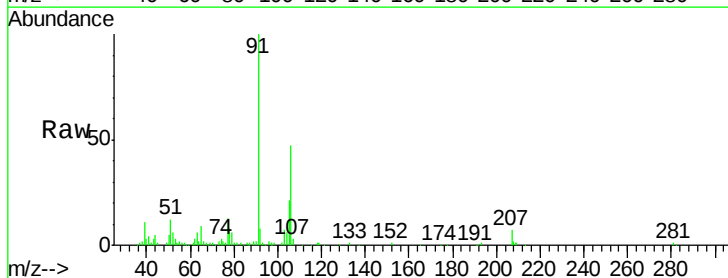
Acq: 28 Jan 2019 12:47

Tgt Ion:106 Resp: 15430

Ion Ratio Lower Upper

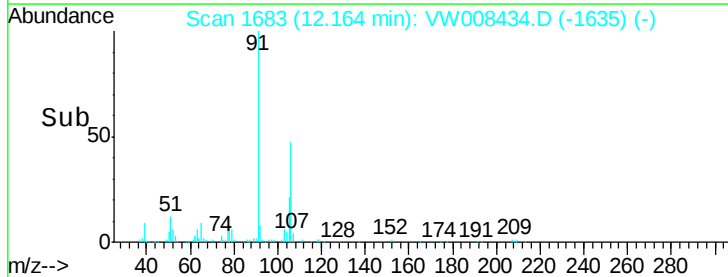
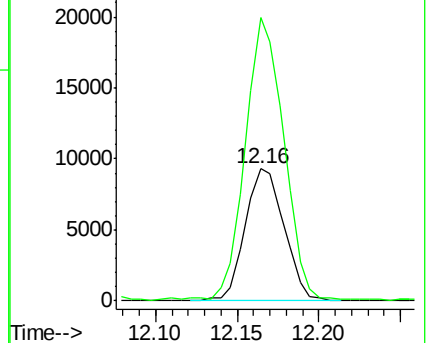
106 100

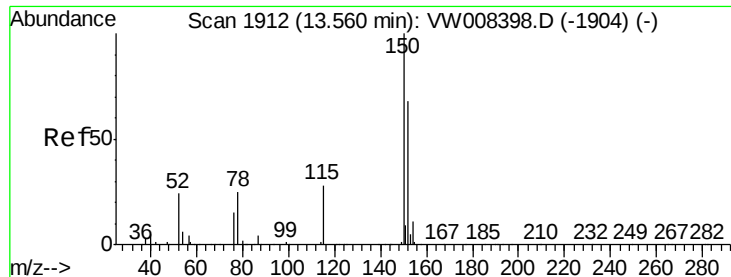
91 212.7 107.5 322.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008434.D

Acq: 28 Jan 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

EL-EAST-OF-JDHS

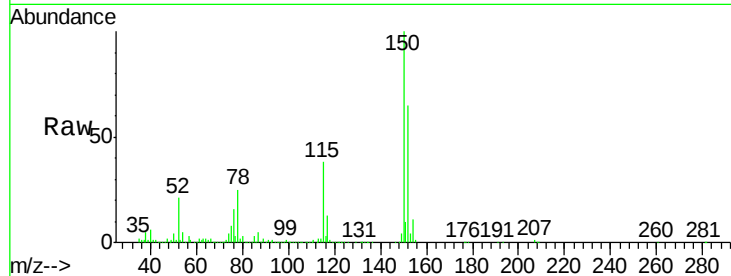
Tot Ion:152 Resp: 234452

Ion Ratio Lower Upper

152 100

115 58.5 29.9 89.7

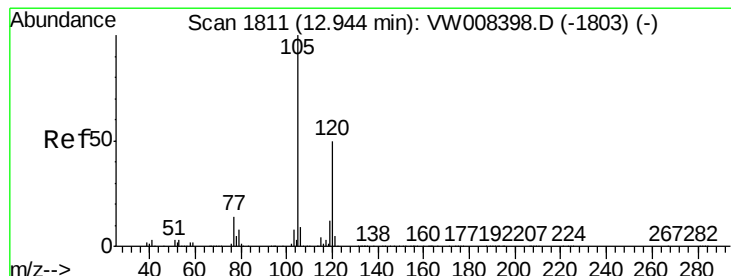
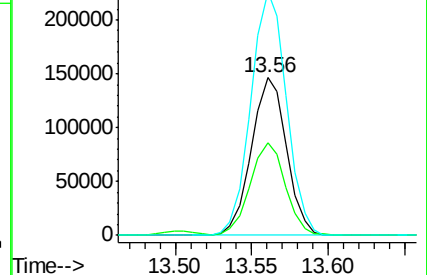
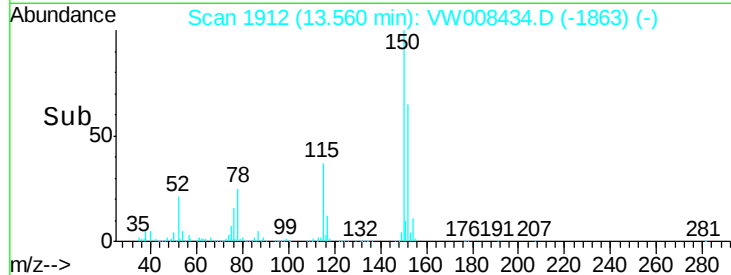
150 155.5 0.0 351.4



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



#80

1,3,5-Trimethylbenzene

Concen: 1.028 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008434.D

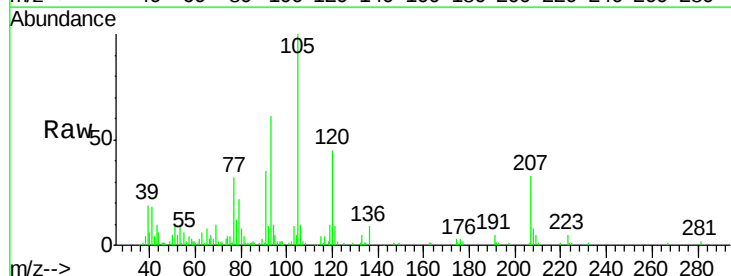
Acq: 28 Jan 2019 12:47

Tgt Ion:105 Resp: 15014

Ion Ratio Lower Upper

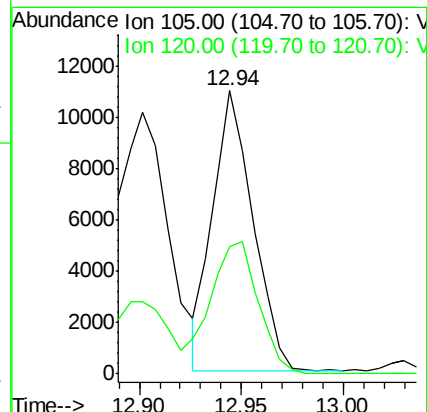
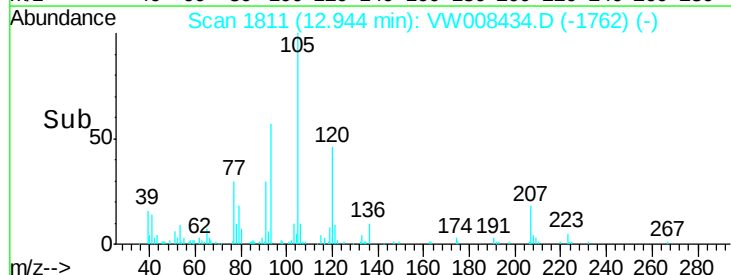
105 100

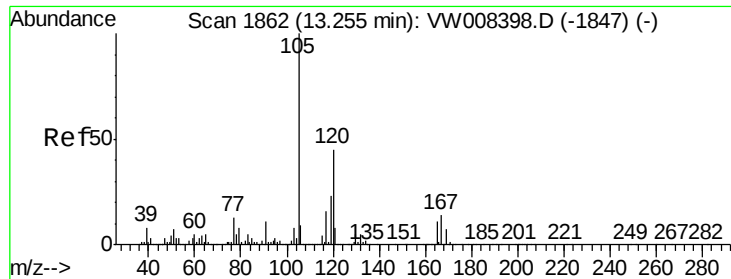
120 56.7 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

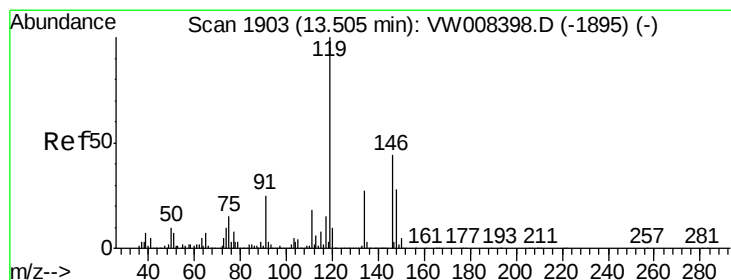
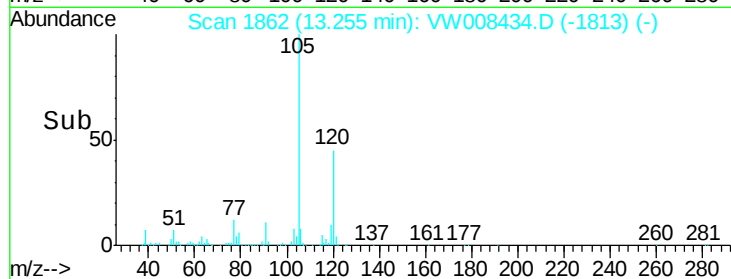
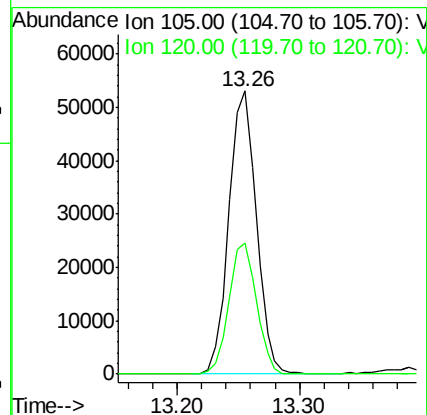
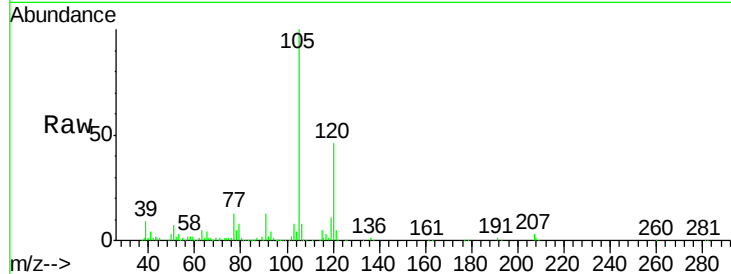




#84
 1,2,4-Trimethylbenzene
 Concen: 5.577 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008434.D
 Acq: 28 Jan 2019 12:47

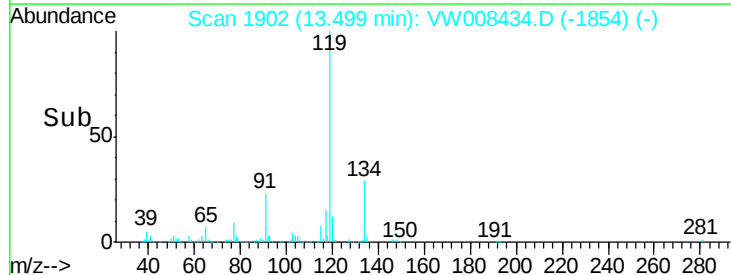
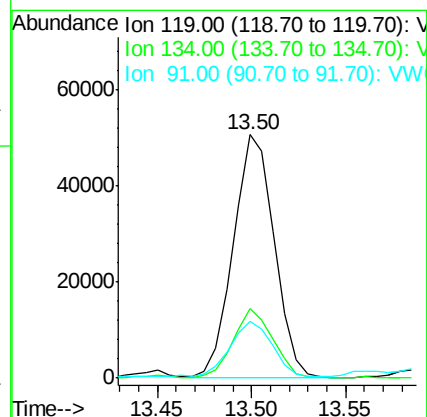
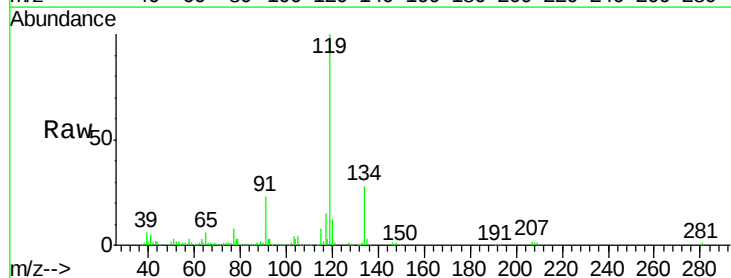
Instrument :
 MSVOA_W
 ClientSampleId :
 EL-EAST-OF-JDHS

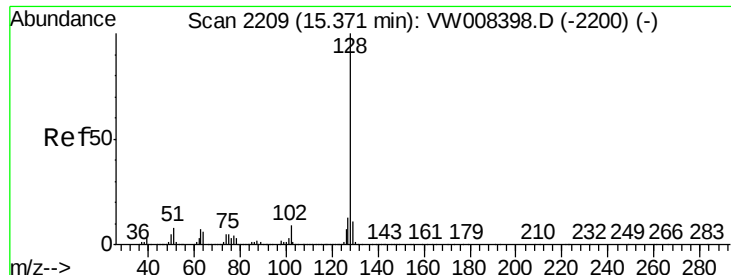
Tot Ion:105 Resp: 82816
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.1 69.2



#86
 p-Isopropyltoluene
 Concen: 4.672 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008434.D
 Acq: 28 Jan 2019 12:47

Tgt Ion:119 Resp: 75981
 Ion Ratio Lower Upper
 119 100
 134 27.8 13.4 40.2
 91 23.3 12.6 37.6





#95

Naphthalene

Concen: 1.838 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW008434.D

Acq: 28 Jan 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

EL-EAST-OF-JDHS

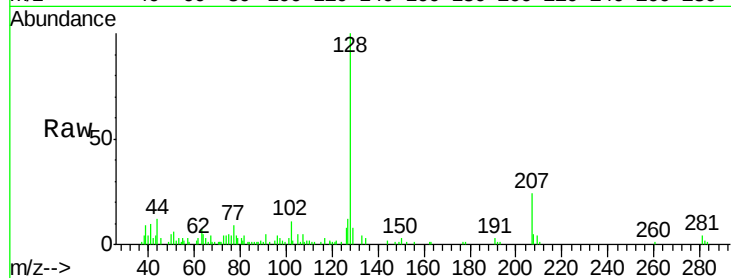
Tot Ion:128 Resp: 15708

Ion Ratio Lower Upper

128 100

127 14.6 10.6 15.8

129 13.5 8.7 13.1#



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

