

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083119\
 Data File : VW012396.D
 Acq On : 31 Aug 2019 13:26
 Operator : SY/VA
 Sample : K4493-18
 Misc : 6.33G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-K4-(1.9)

Quant Time: Aug 31 17:35:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

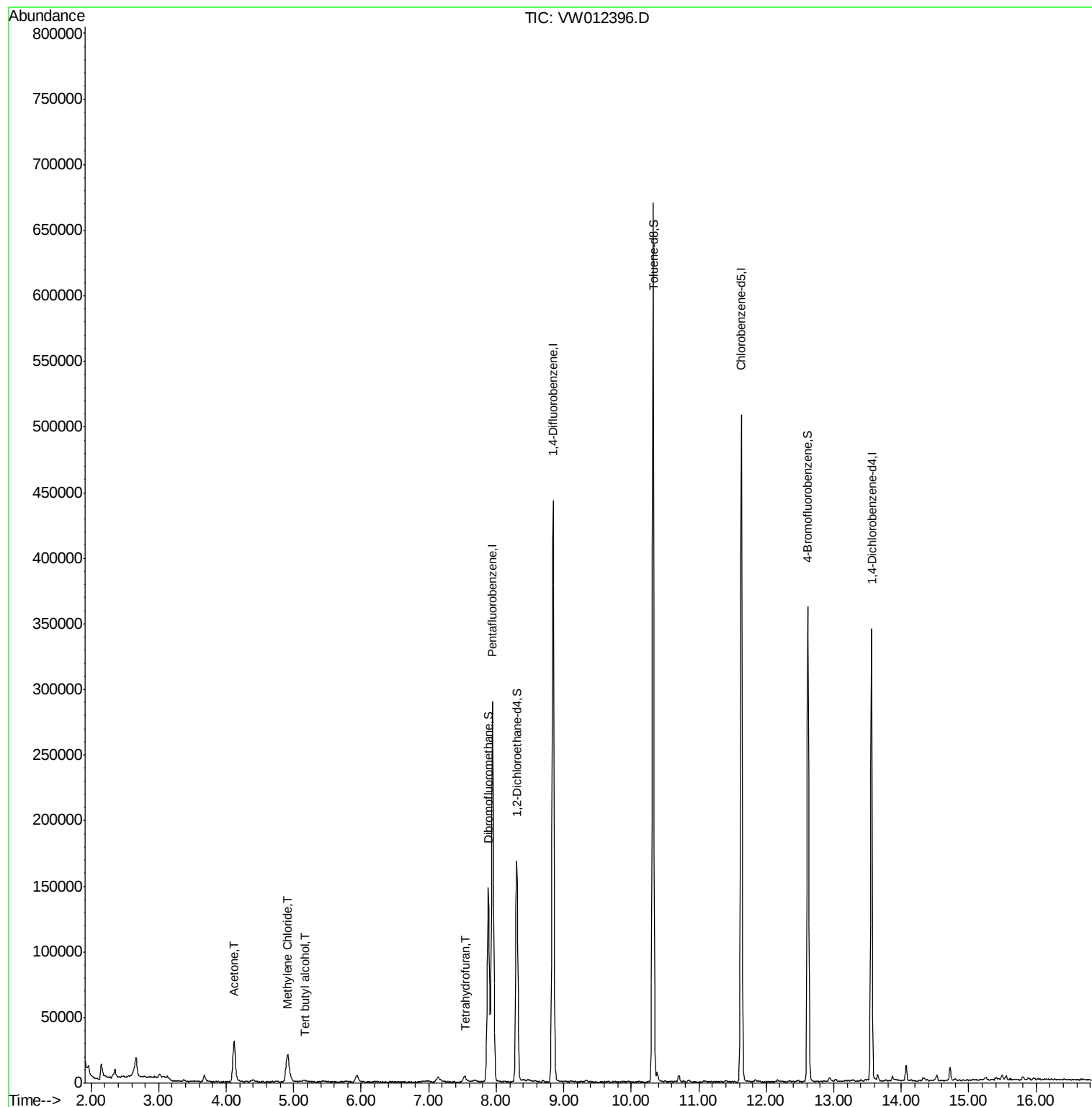
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	206546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	338581	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	265443	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	85108	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	136677	55.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.34%	
35) Dibromofluoromethane	7.88	113	106059	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.96%	
50) Toluene-d8	10.32	98	411771	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
62) 4-Bromofluorobenzene	12.62	95	112086	38.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.60%	
Target Compounds						
11) Tert butyl alcohol	5.17	59	1998	13.522	ug/l	94
16) Acetone	4.12	43	55577	88.550	ug/l	98
20) Methylene Chloride	4.90	84	15401	6.491	ug/l	96
29) Tetrahydrofuran	7.54	42	4326	8.454	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012396.D

Acq: 31 Aug 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

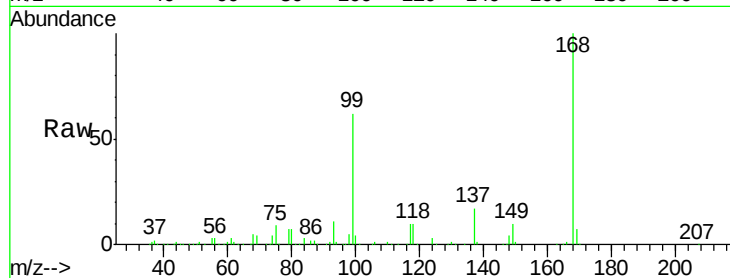
T9-12-13-K4-(1.9)

Tot Ion:168 Resp: 206546

Ion Ratio Lower Upper

168 100

99 62.3 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

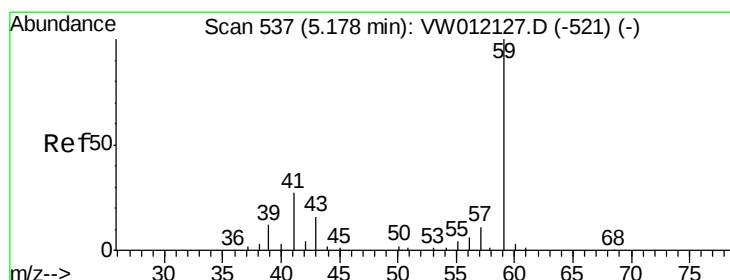
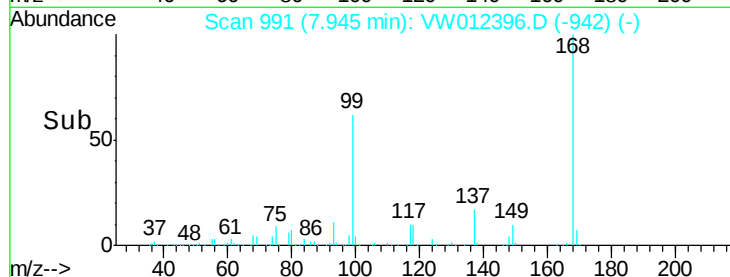
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 13.522 ug/l

RT: 5.17 min Scan# 536

Delta R.T. -0.01 min

Lab File: VW012396.D

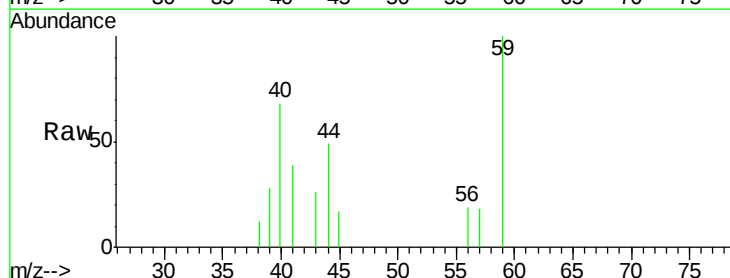
Acq: 31 Aug 2019 13:26

Tgt Ion: 59 Resp: 1998

Ion Ratio Lower Upper

59 100

57 9.1 9.0 13.4



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

600

500

400

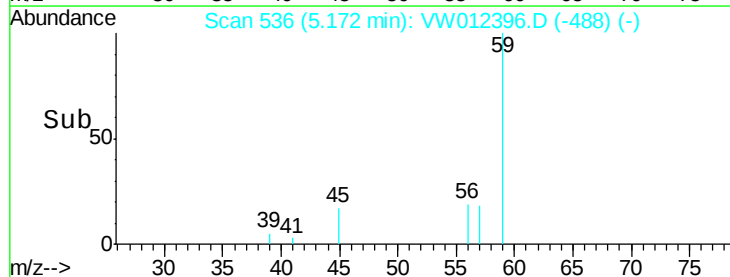
300

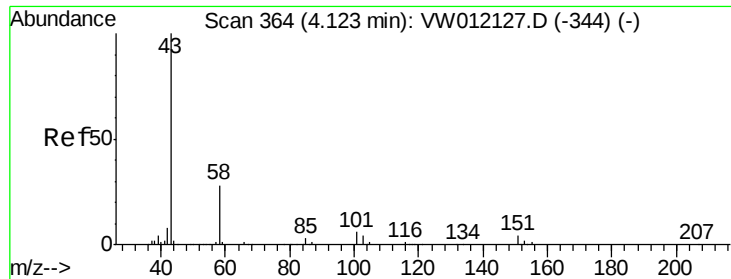
200

100

0

Time--> 5.10 5.20

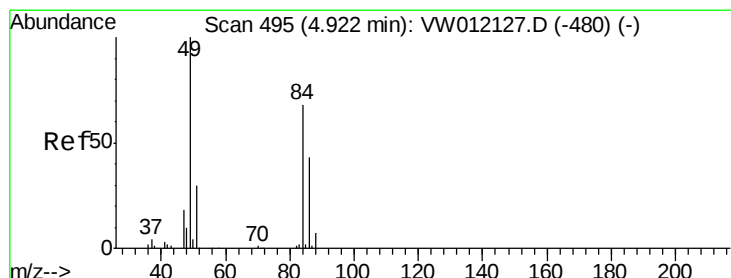
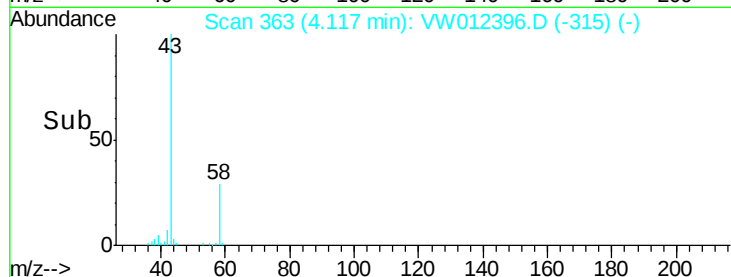
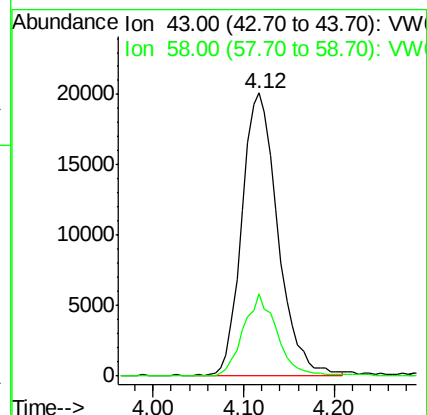
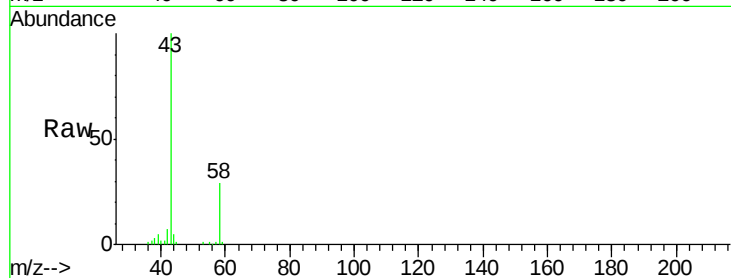




#16
Acetone
Concen: 88.550 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW012396.D
Acq: 31 Aug 2019 13:26

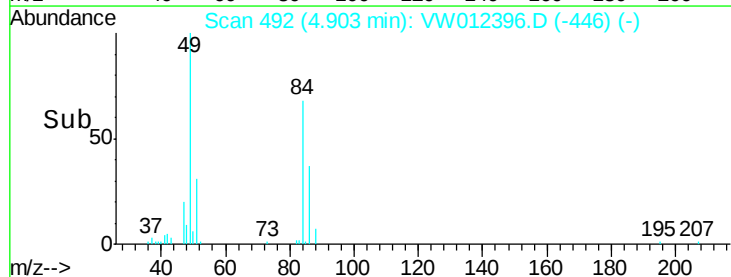
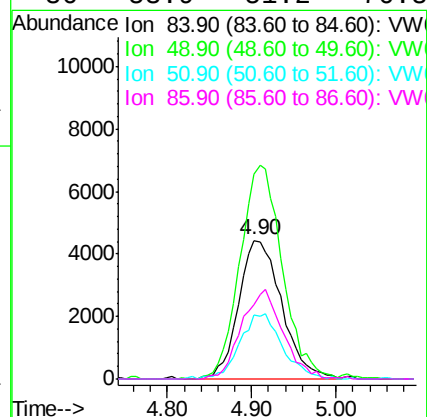
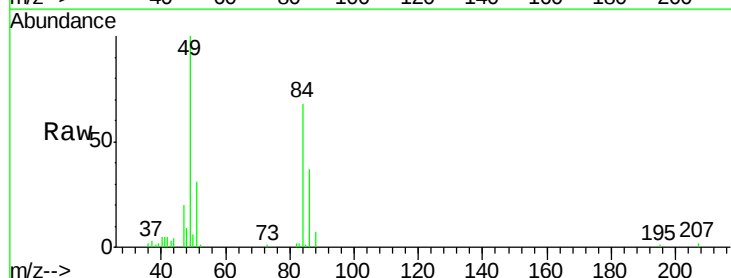
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-K4-(1.9)

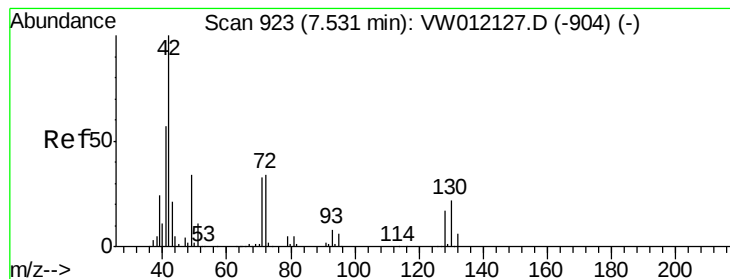
Tot Ion: 43 Resp: 55577
Ion Ratio Lower Upper
43 100
58 29.0 22.4 33.6



#20
Methylene Chloride
Concen: 6.491 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.02 min
Lab File: VW012396.D
Acq: 31 Aug 2019 13:26

Tgt Ion: 84 Resp: 15401
Ion Ratio Lower Upper
84 100
49 147.6 117.8 176.8
51 45.8 35.6 53.4
86 53.9 51.2 76.8





#29

Tetrahydrofuran

Concen: 8.454 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012396.D

Acq: 31 Aug 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-K4-(1.9)

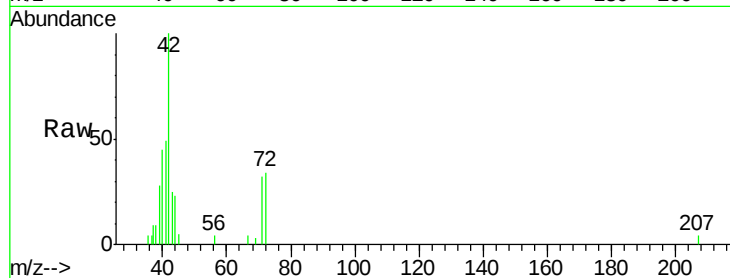
Tot Ion: 42 Resp: 4326

Ion Ratio Lower Upper

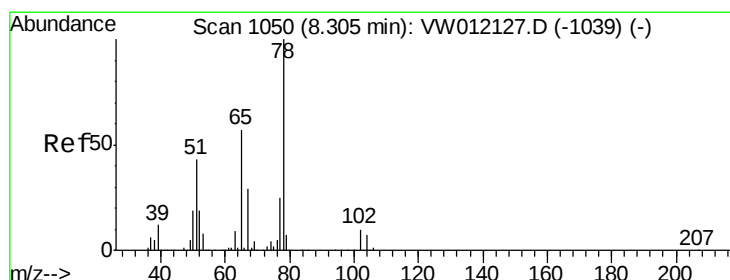
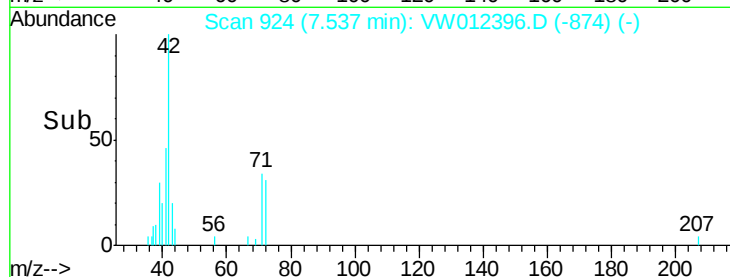
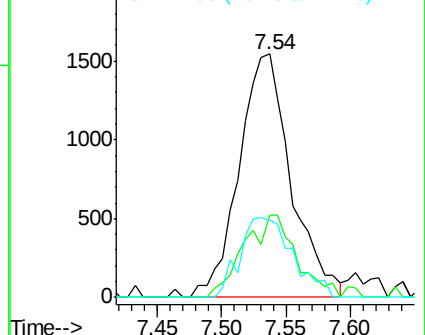
42 100

72 34.4 27.3 40.9

71 33.4 25.5 38.3



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#33

1,2-Dichloroethane-d4

Concen: 55.665 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012396.D

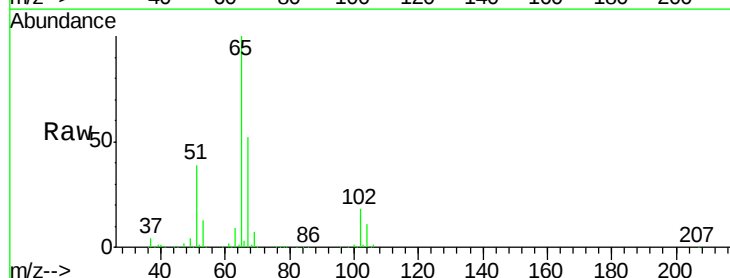
Acq: 31 Aug 2019 13:26

Tgt Ion: 65 Resp: 136677

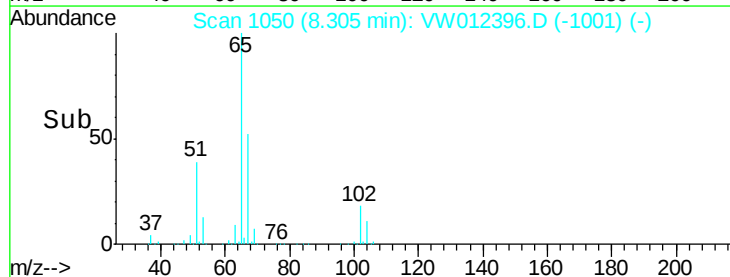
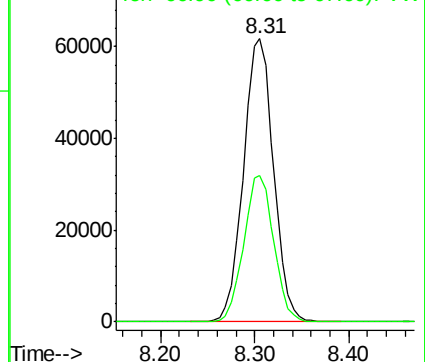
Ion Ratio Lower Upper

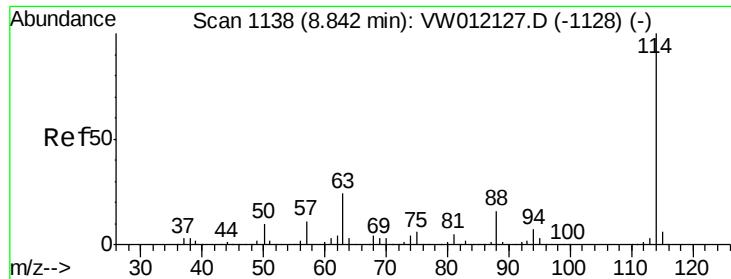
65 100

67 51.6 0.0 102.6



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

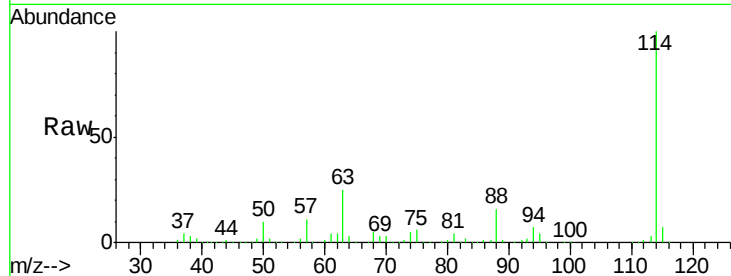




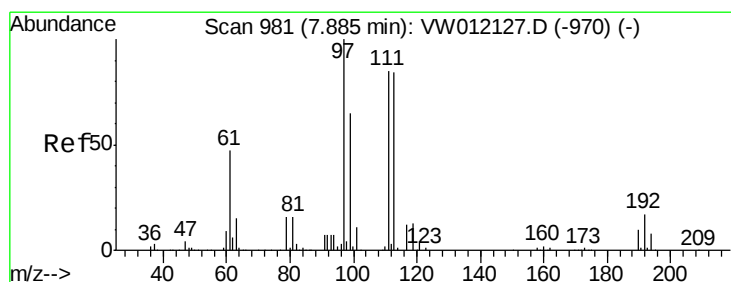
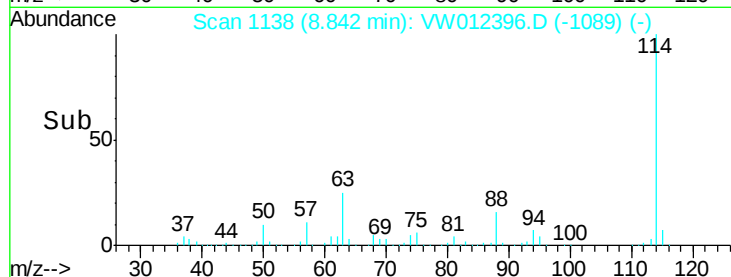
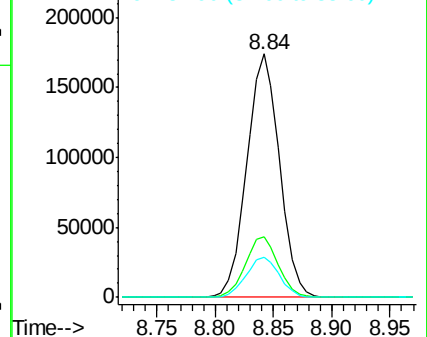
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW012396.D
Acq: 31 Aug 2019 13:26

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-K4-(1.9)

Tot Ion:114 Resp: 338581
Ion Ratio Lower Upper
114 100
63 24.6 0.0 48.6
88 16.4 0.0 32.2

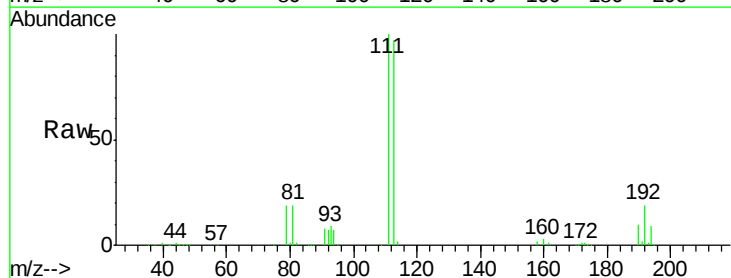


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

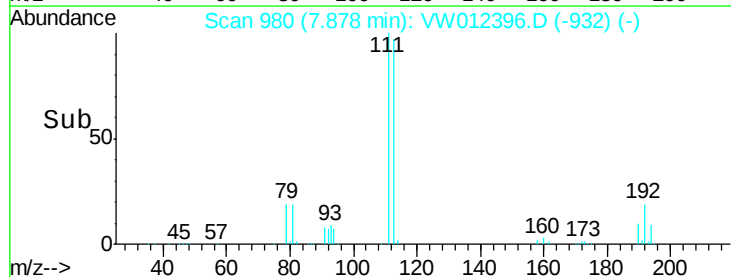
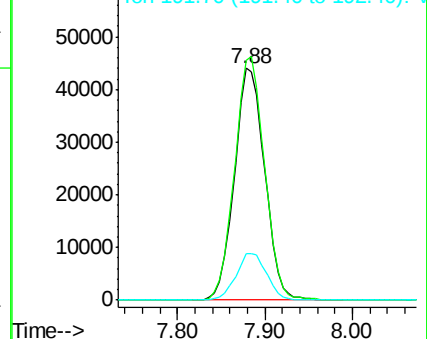


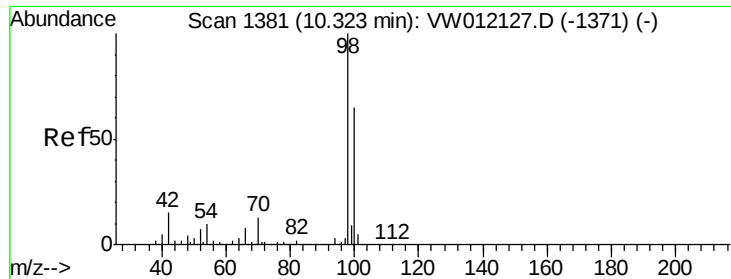
#35
Dibromofluoromethane
Concen: 52.478 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW012396.D
Acq: 31 Aug 2019 13:26

Tgt Ion:113 Resp: 106059
Ion Ratio Lower Upper
113 100
111 103.8 82.7 124.1
192 20.4 16.2 24.2



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

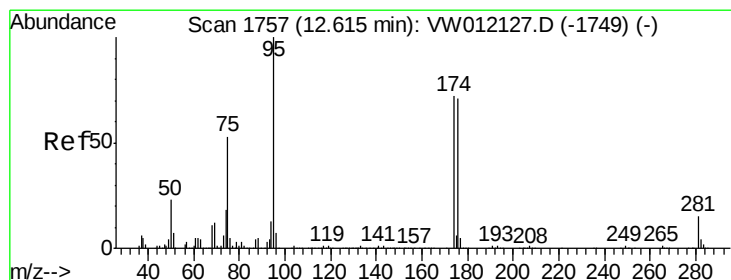
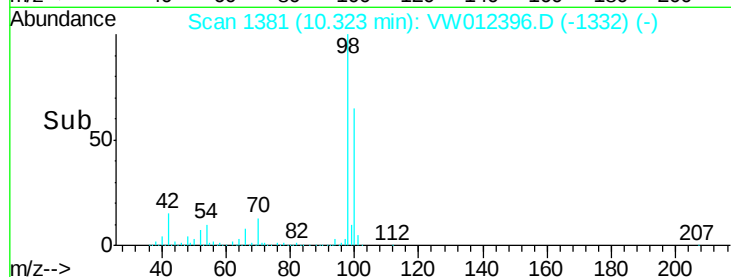
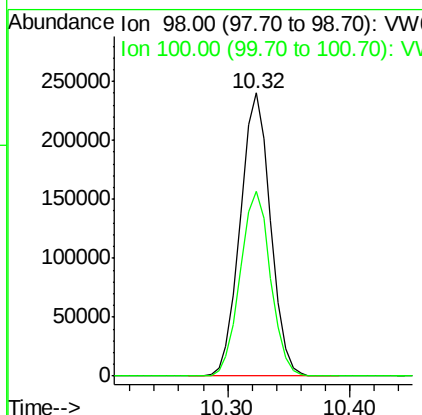
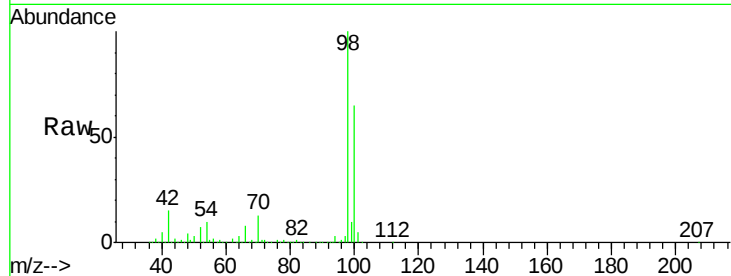




#50
Toluene-d8
Concen: 50.249 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012396.D
Acq: 31 Aug 2019 13:26

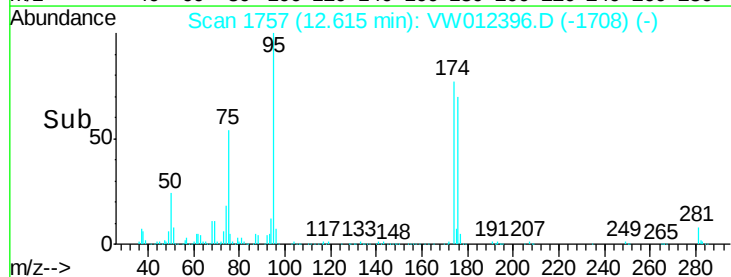
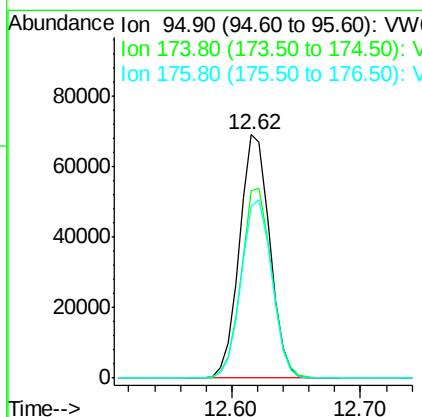
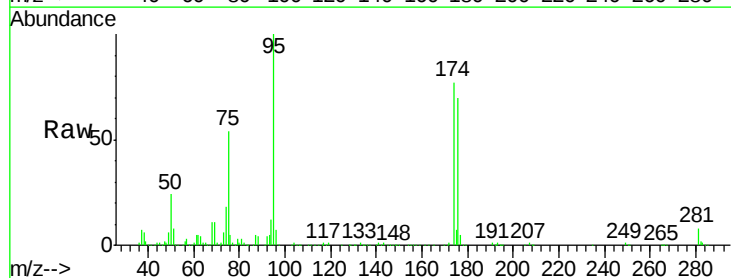
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-K4-(1.9)

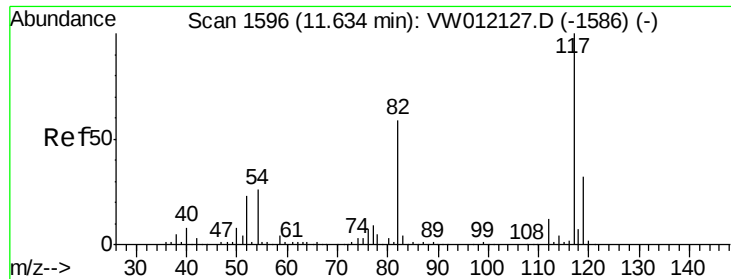
Tot Ion: 98 Resp: 411771
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 38.803 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012396.D
Acq: 31 Aug 2019 13:26

Tgt Ion: 95 Resp: 112086
Ion Ratio Lower Upper
95 100
174 78.4 0.0 150.8
176 74.0 0.0 148.6

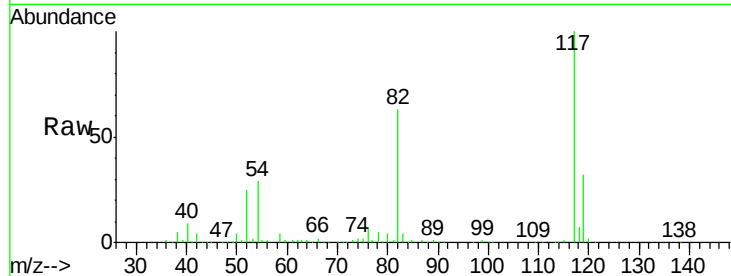




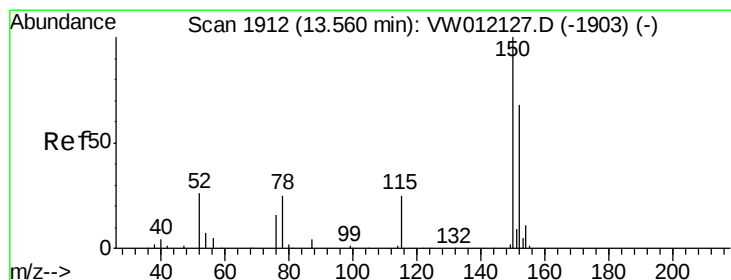
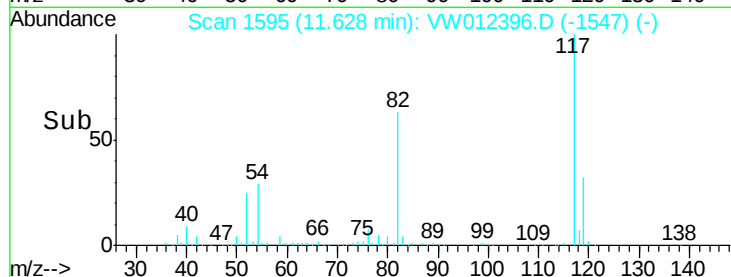
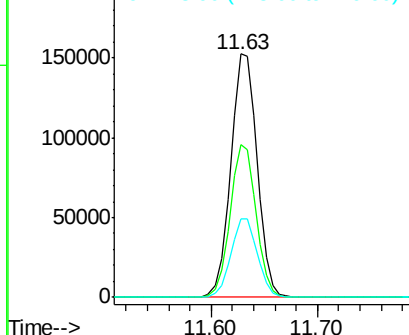
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012396.D
Acq: 31 Aug 2019 13:26

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-K4-(1.9)

Tot Ion:117 Resp: 265443
Ion Ratio Lower Upper
117 100
82 62.7 47.4 71.2
119 32.0 25.4 38.2

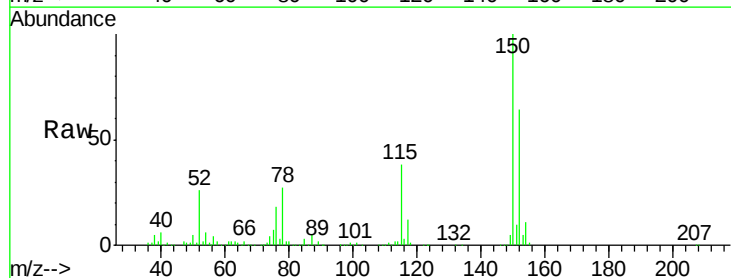


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012396.D
Acq: 31 Aug 2019 13:26

Tgt Ion:152 Resp: 85108
Ion Ratio Lower Upper
152 100
115 60.8 30.1 90.3
150 157.9 0.0 345.8



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

