

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083119\
 Data File : VW012410.D
 Acq On : 31 Aug 2019 19:26
 Operator : SY/VA
 Sample : K4493-05
 Misc : 5.37G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-I-(0)

Quant Time: Sep 01 04:38:38 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

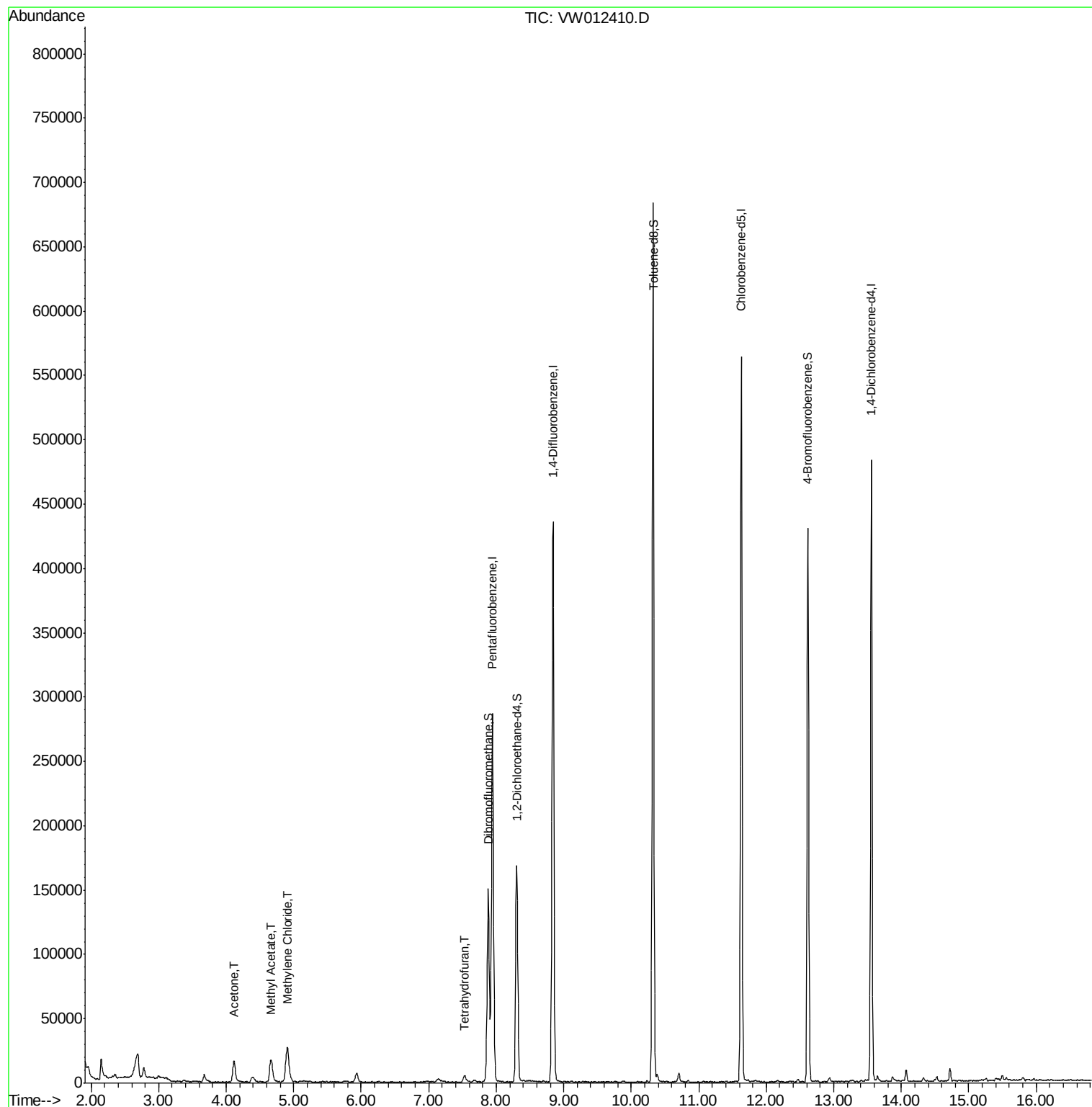
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	205488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	338898	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	290101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	122009	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	137517	56.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.60%	
35) Dibromofluoromethane	7.88	113	105603	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.40%	
50) Toluene-d8	10.32	98	421275	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
62) 4-Bromofluorobenzene	12.62	95	135377	46.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.64%	
Target Compounds						
16) Acetone	4.11	43	30248	48.442	ug/l #	85
18) Methyl Acetate	4.67	43	37190	24.047	ug/l	96
20) Methylene Chloride	4.92	84	19565	8.288	ug/l	92
29) Tetrahydrofuran	7.54	42	4571	8.979	ug/l	95

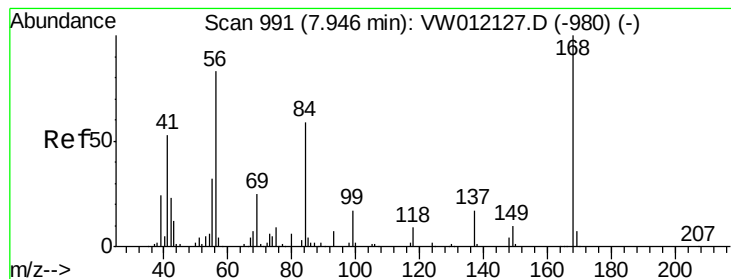
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012410.D

Acq: 31 Aug 2019 19:26

Instrument :

MSVOA_W

ClientSampleId :

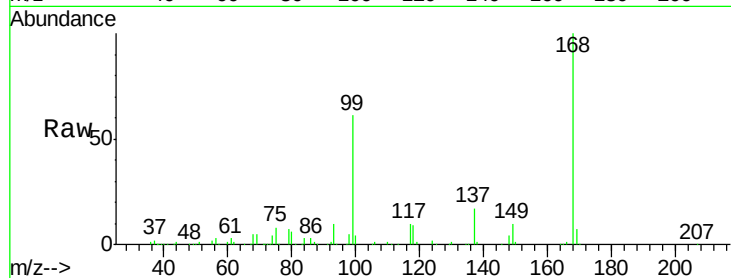
T9-12-13-I-(0)

Tot Ion:168 Resp: 205488

Ion Ratio Lower Upper

168 100

99 60.6 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

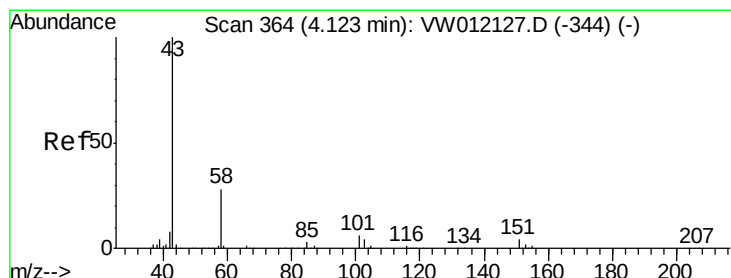
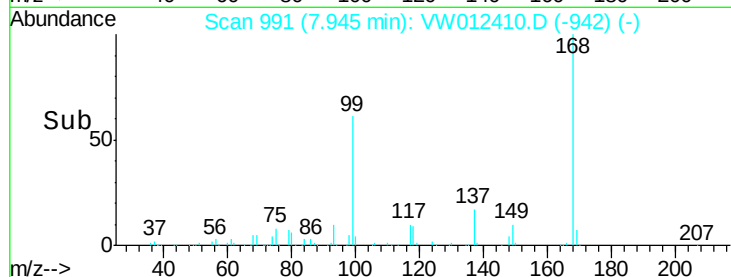
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 48.442 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW012410.D

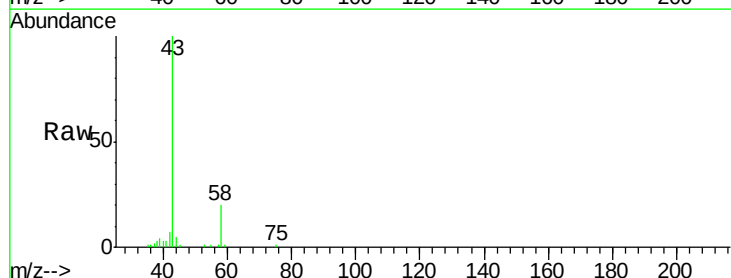
Acq: 31 Aug 2019 19:26

Tgt Ion: 43 Resp: 30248

Ion Ratio Lower Upper

43 100

58 20.2 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.11

12000

10000

8000

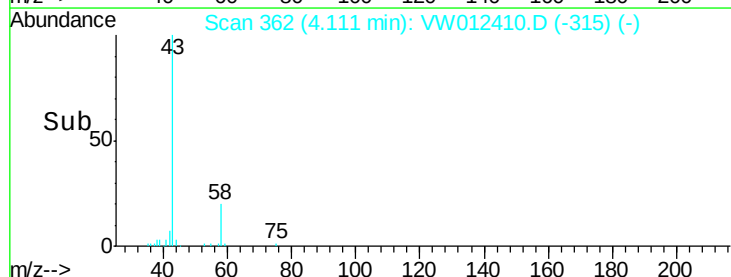
6000

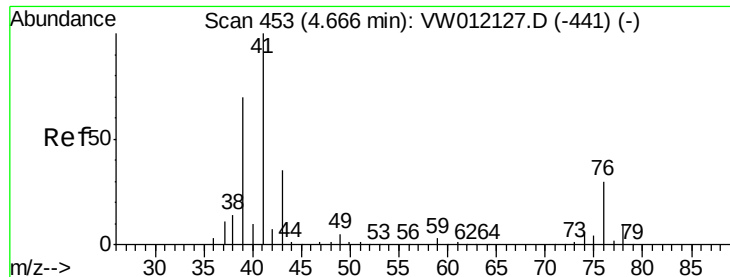
4000

2000

0

Time-->

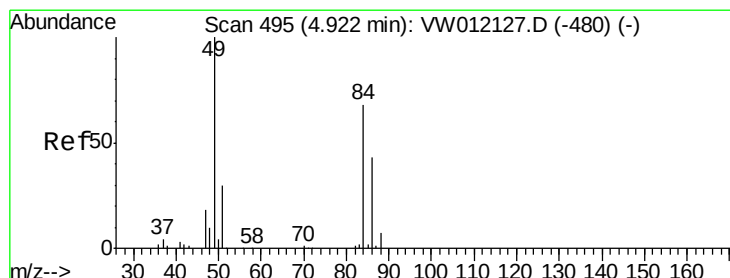
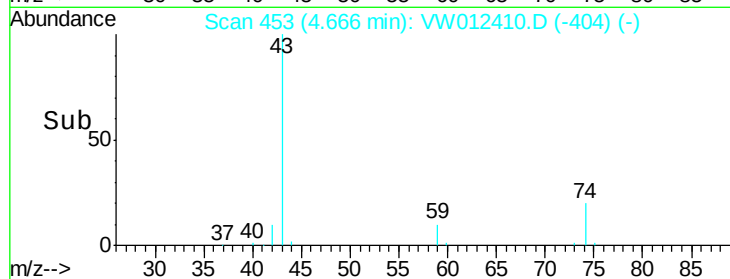
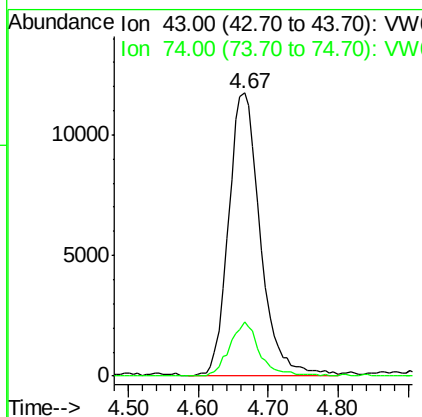
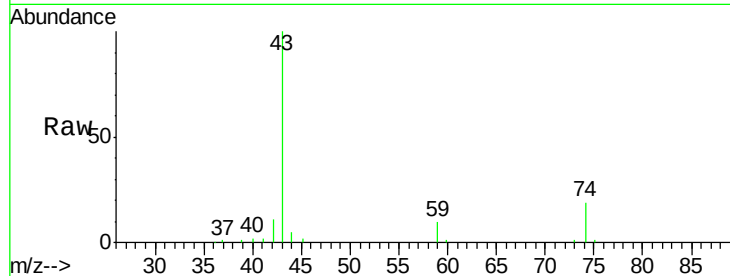




#18
Methyl Acetate
Concen: 24.047 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW012410.D
Acq: 31 Aug 2019 19:26

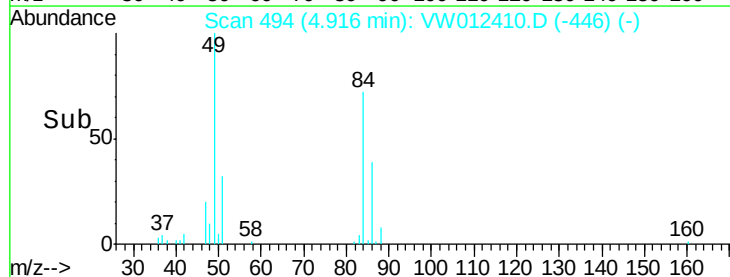
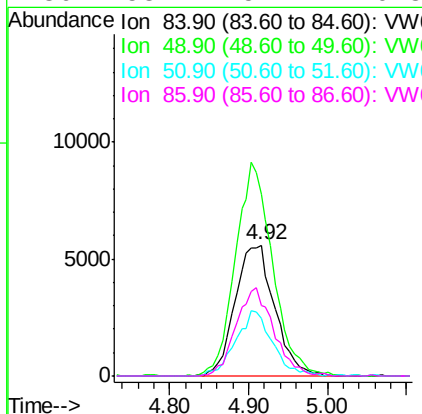
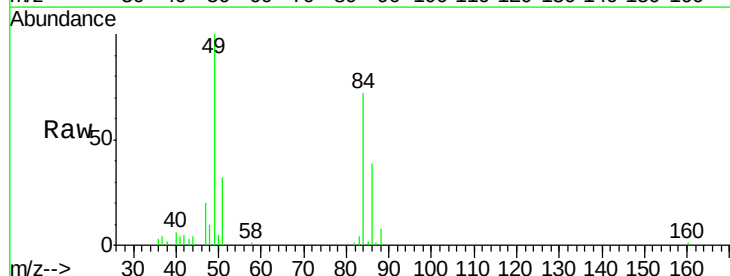
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-I-(0)

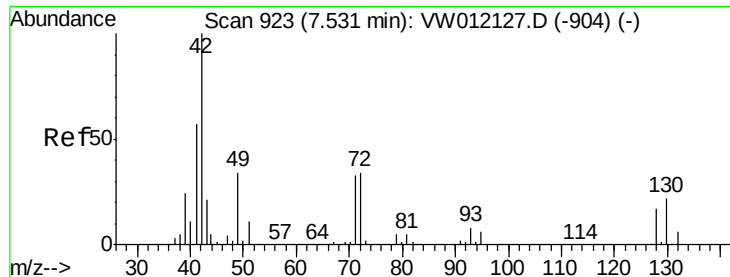
Tot Ion: 43 Resp: 37190
Ion Ratio Lower Upper
43 100
74 17.6 15.7 23.5



#20
Methylene Chloride
Concen: 8.288 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012410.D
Acq: 31 Aug 2019 19:26

Tgt Ion: 84 Resp: 19565
Ion Ratio Lower Upper
84 100
49 138.2 117.8 176.8
51 44.0 35.6 53.4
86 53.7 51.2 76.8

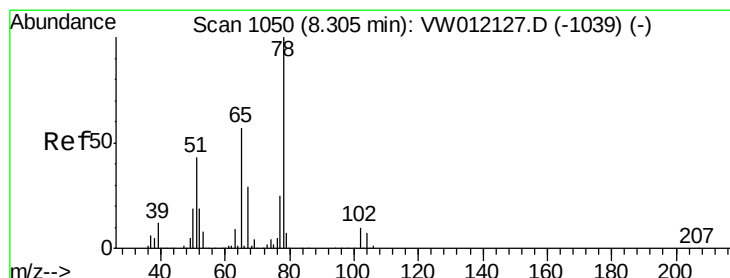
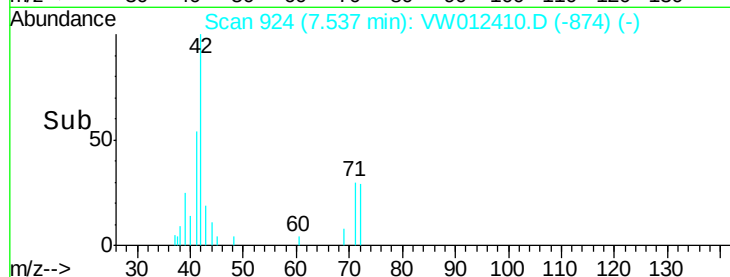
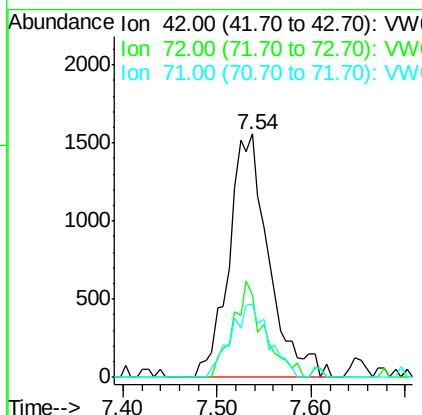
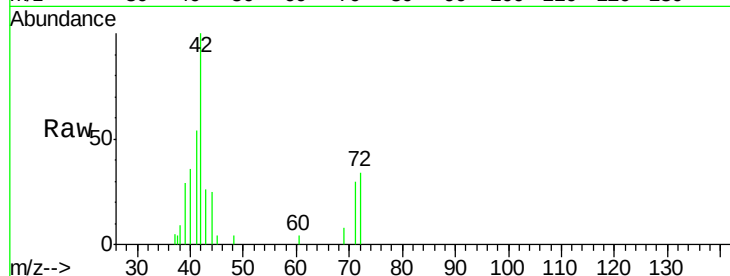




#29
Tetrahydrofuran
Concen: 8.979 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012410.D
Acq: 31 Aug 2019 19:26

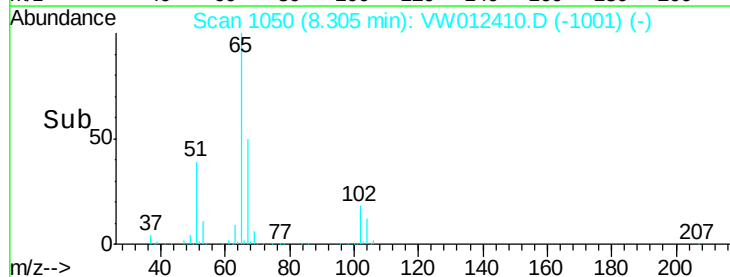
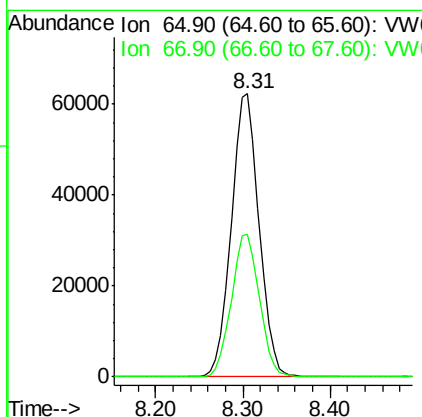
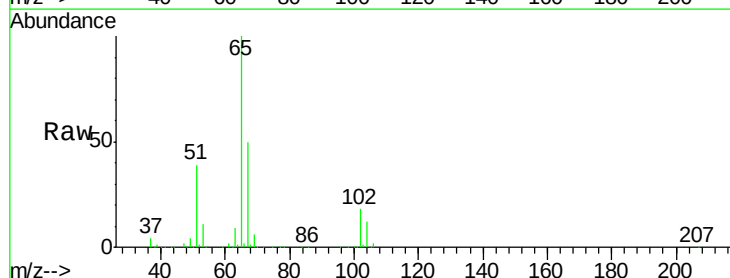
Instrument :
MSVOA_W
ClientSampled :
T9-12-13-I-(0)

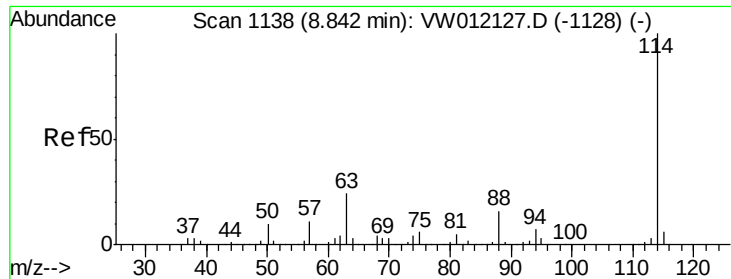
Tot Ion	Ratio	Lower	Upper
42	100		
72	31.2	27.3	40.9
71	29.0	25.5	38.3



#33
1,2-Dichloroethane-d4
Concen: 56.296 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012410.D
Acq: 31 Aug 2019 19:26

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012410.D

Acq: 31 Aug 2019 19:26

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-I(0)

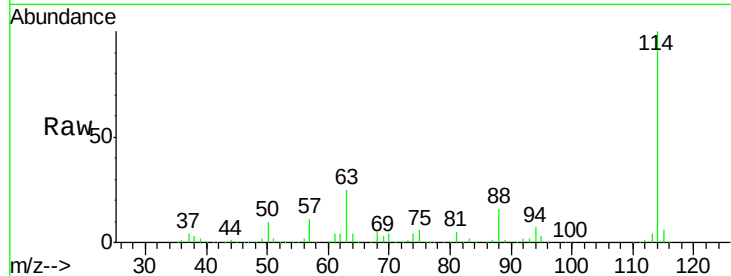
Tot Ion:114 Resp: 338898

Ion Ratio Lower Upper

114 100

63 24.5 0.0 48.6

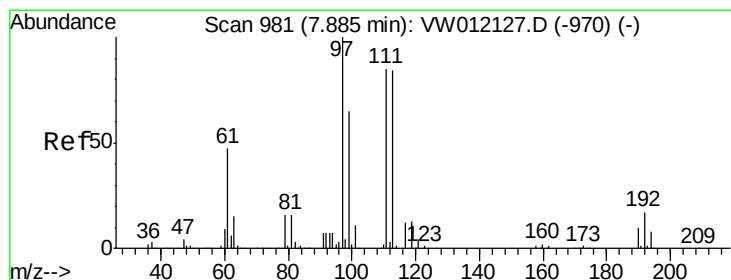
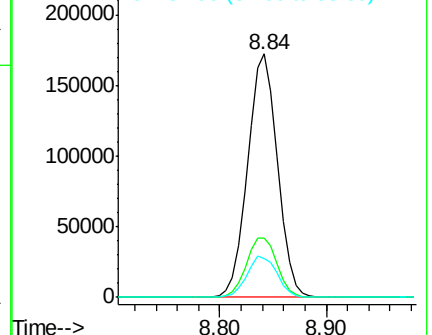
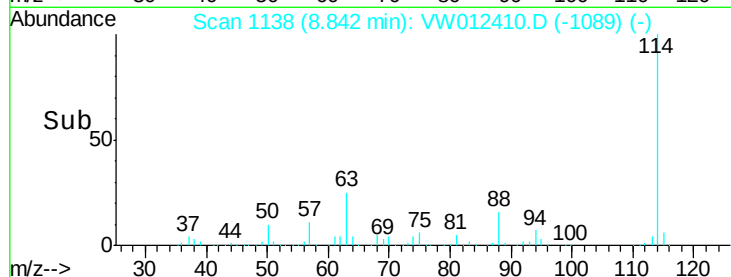
88 16.2 0.0 32.2



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: 52.204 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012410.D

Acq: 31 Aug 2019 19:26

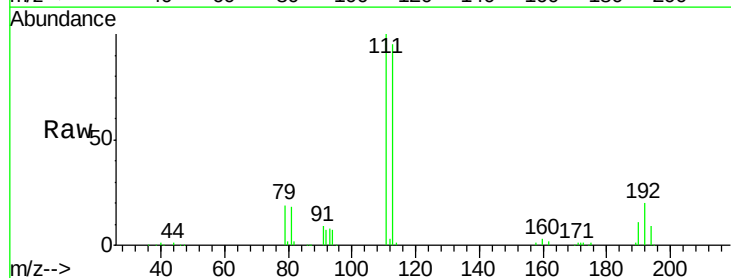
Tgt Ion:113 Resp: 105603

Ion Ratio Lower Upper

113 100

111 103.9 82.7 124.1

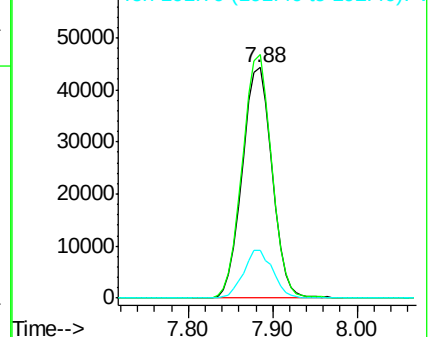
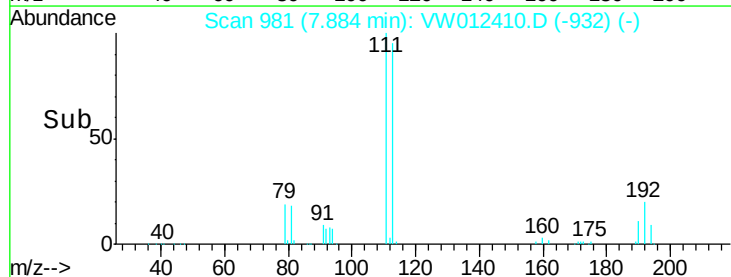
192 20.2 16.2 24.2

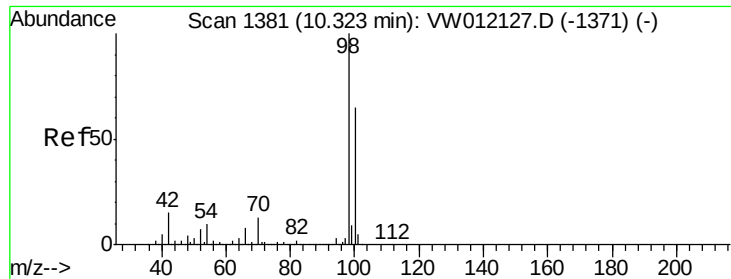


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.361 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012410.D

Acq: 31 Aug 2019 19:26

Instrument :

MSVOA_W

ClientSampled :

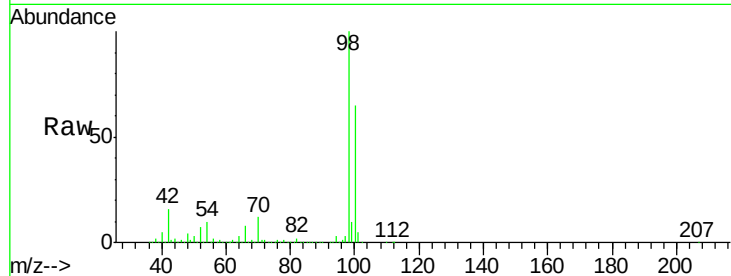
T9-12-13-I-(0)

Tot Ion: 98 Resp: 421275

Ion Ratio Lower Upper

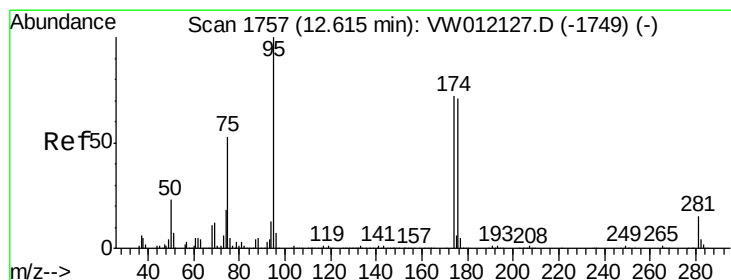
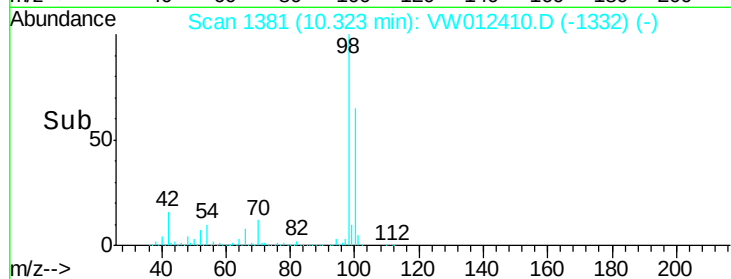
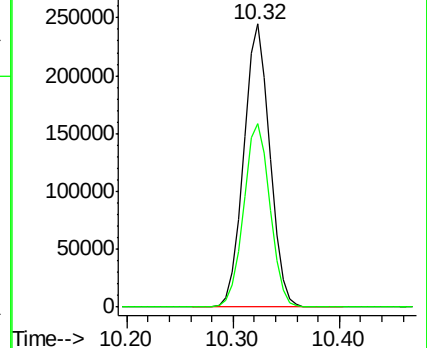
98 100

100 65.5 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 46.822 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012410.D

Acq: 31 Aug 2019 19:26

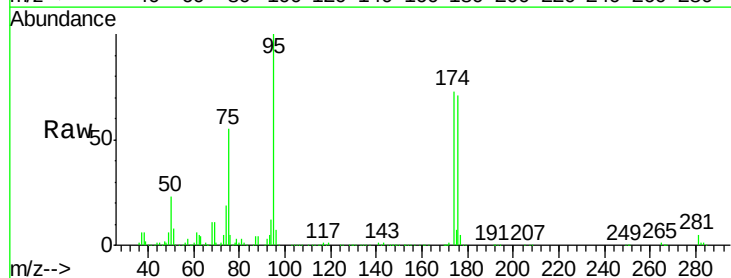
Tgt Ion: 95 Resp: 135377

Ion Ratio Lower Upper

95 100

174 77.7 0.0 150.8

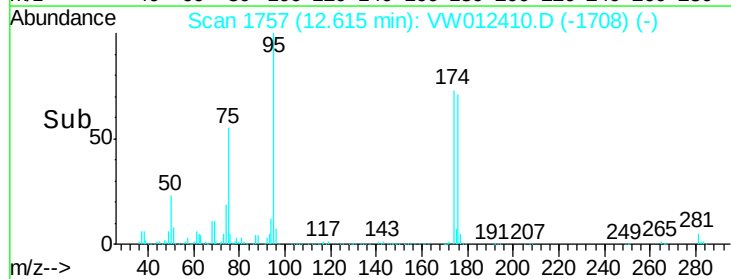
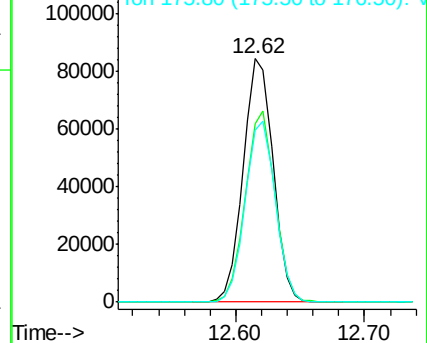
176 74.9 0.0 148.6

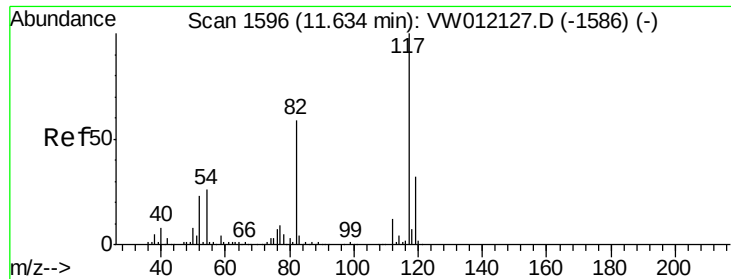


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

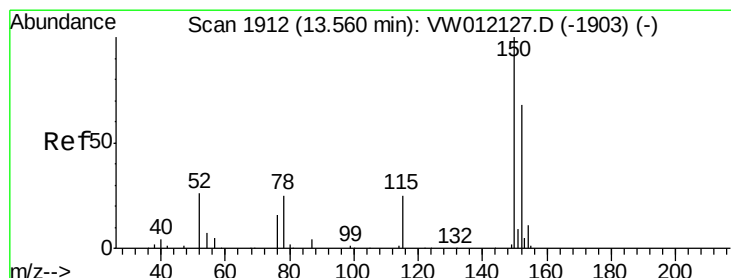
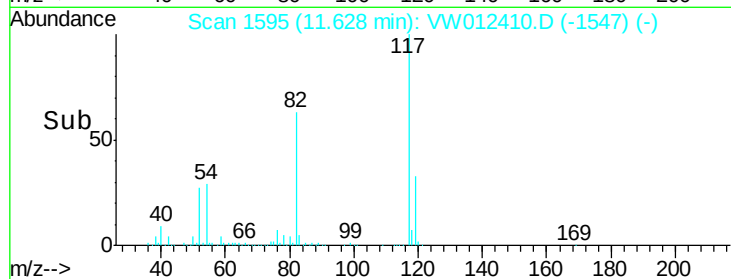
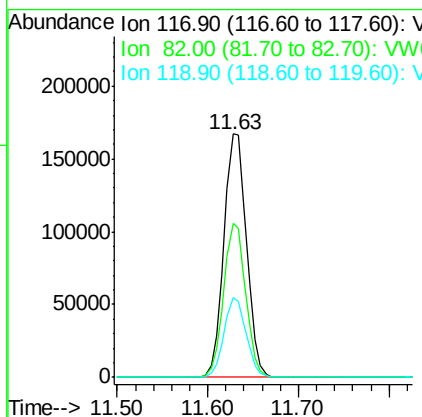
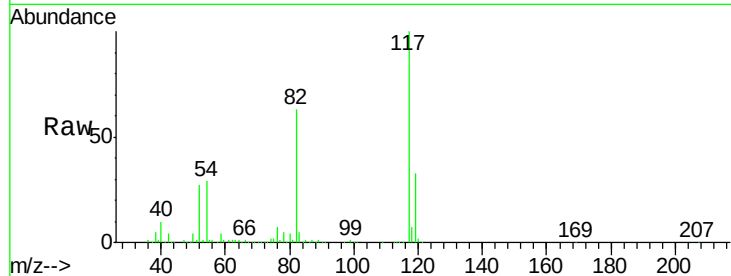




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012410.D
Acq: 31 Aug 2019 19:26

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-I-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	63.4	47.4	71.2
119	32.9	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012410.D
Acq: 31 Aug 2019 19:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	30.1	90.3
150	156.3	0.0	345.8

