

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090119\
 Data File : VW012477.D
 Acq On : 02 Sep 2019 04:59
 Operator : SY/VA
 Sample : K4528-03
 Misc : 3.92G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-Q4-(0)

Quant Time: Sep 02 08:43:54 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

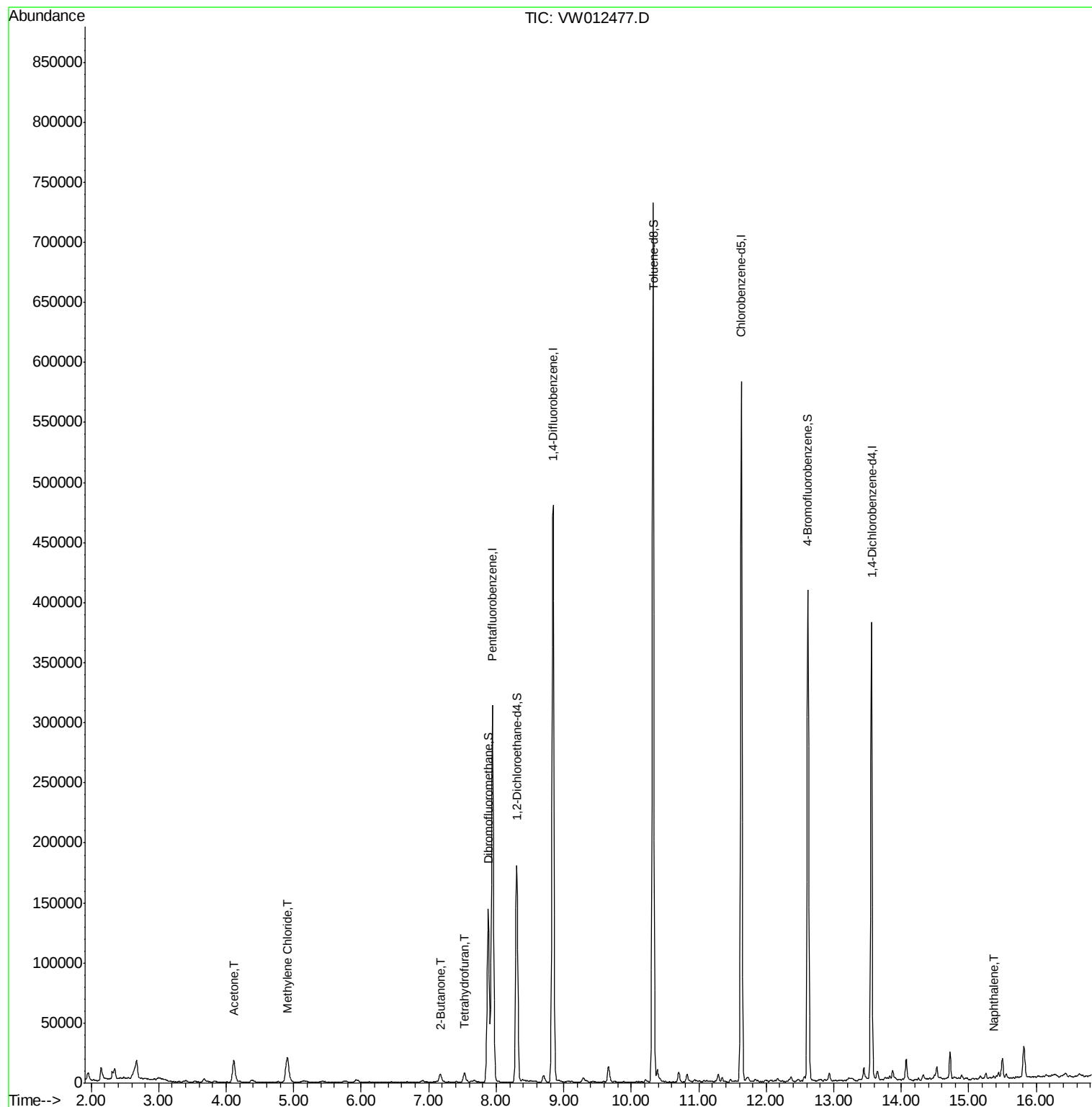
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	226637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	378243	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	301118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	95063	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	150492	55.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.72%	
35) Dibromofluoromethane	7.88	113	102369	45.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.68%	
50) Toluene-d8	10.32	98	460655	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.62	95	130967	40.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.18%	
Target Compounds						
16) Acetone	4.11	43	32883	47.748	ug/l	98
20) Methylene Chloride	4.91	84	14668	5.634	ug/l	92
25) 2-Butanone	7.17	43	10467	11.185	ug/l	93
29) Tetrahydrofuran	7.52	42	6050	10.775	ug/l	97
95) Naphthalene	15.36	128	1637	4.738	ug/l #	94

(#) = 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: VW012477.D

Acq: 02 Sep 2019 04:59

Instrument :

MSVOA_W

ClientSampleId :

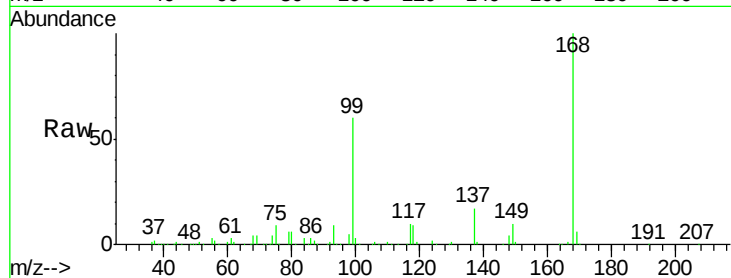
T9-12-13-Q4-(0)

Tot Ion:168 Resp: 226637

Ion Ratio Lower Upper

168 100

99 59.9 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

120000

100000

80000

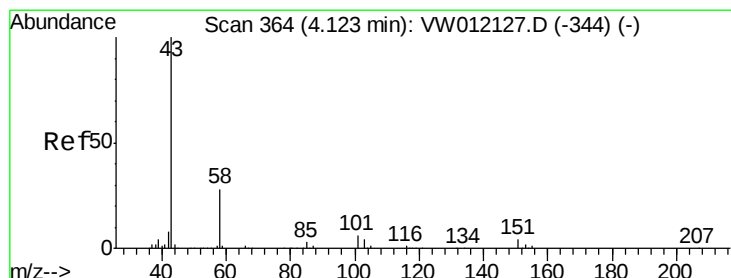
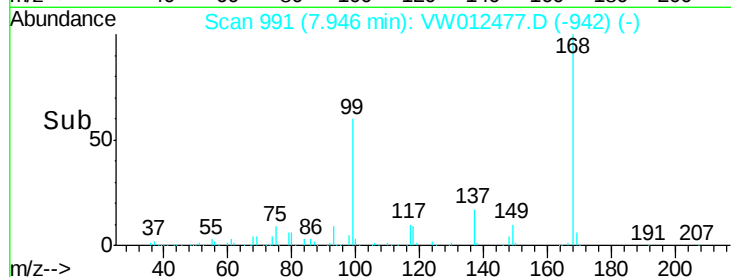
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 47.748 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW012477.D

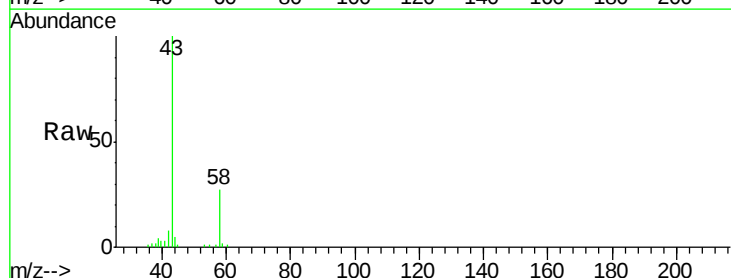
Acq: 02 Sep 2019 04:59

Tgt Ion: 43 Resp: 32883

Ion Ratio Lower Upper

43 100

58 26.8 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

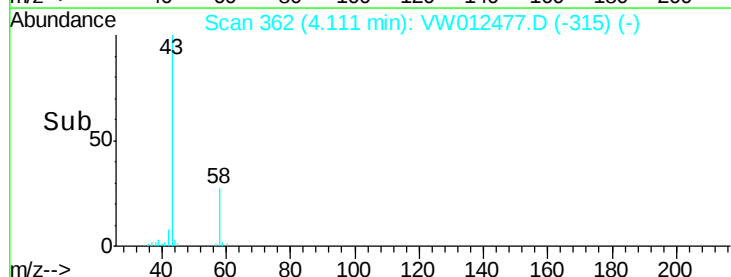
4.11

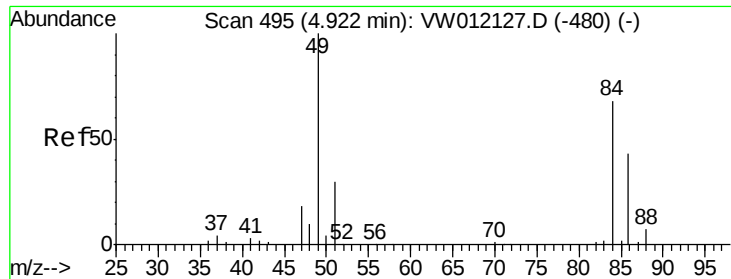
10000

5000

0

Time-->

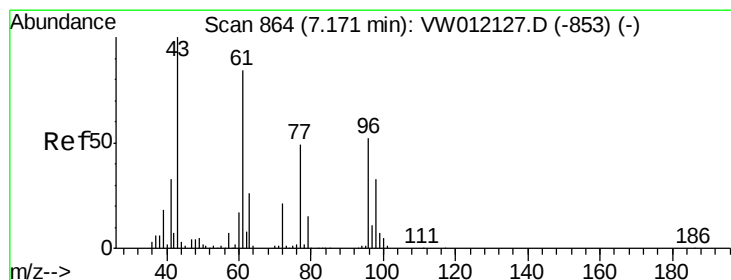
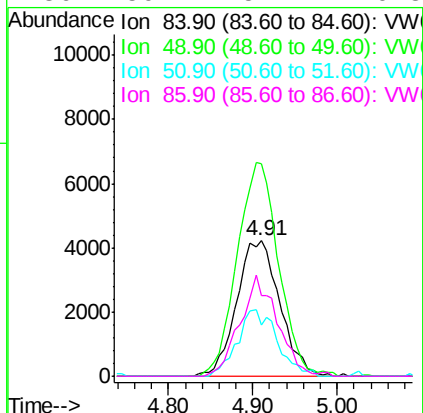
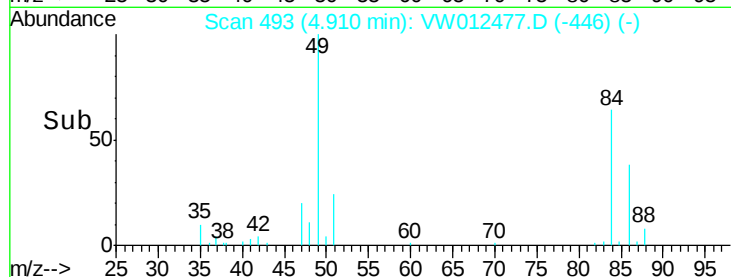
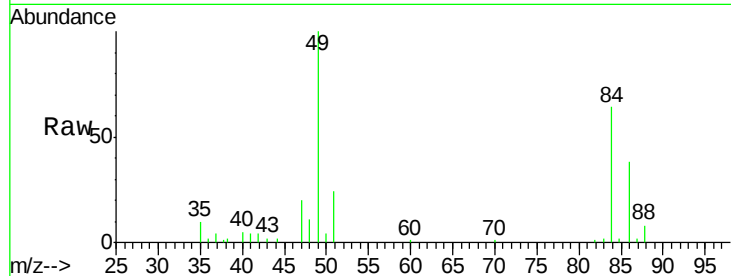




#20
Methvlene Chloride
Concen: 5.634 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012477.D
Acq: 02 Sep 2019 04:59

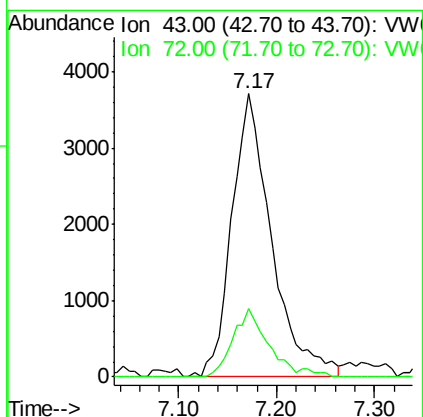
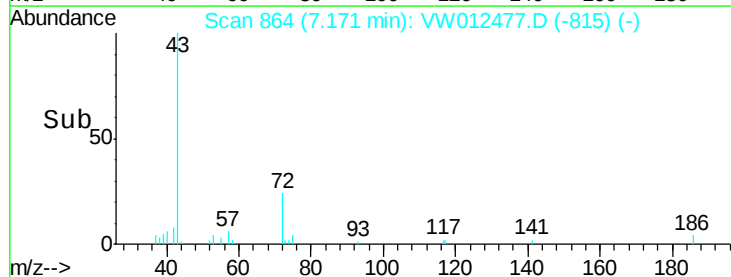
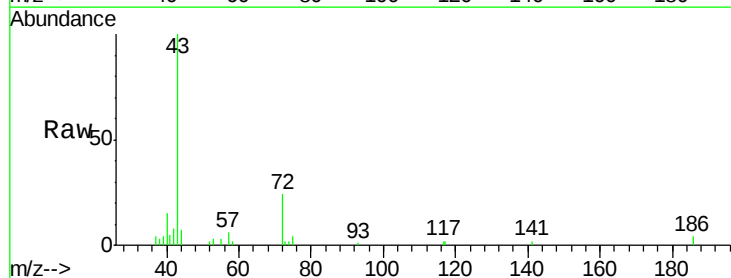
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-Q4-(0)

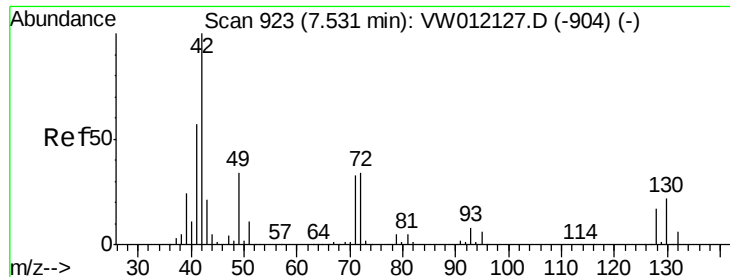
Tot Ion:	84	Resp:	14668
Ion	Ratio	Lower	Upper
84	100		
49	157.2	117.8	176.8
51	38.2	35.6	53.4
86	59.7	51.2	76.8



#25
2-Butanone
Concen: 11.185 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW012477.D
Acq: 02 Sep 2019 04:59

Tgt Ion:	43	Resp:	10467
Ion	Ratio	Lower	Upper
43	100		
72	24.0	16.6	24.8





#29

Tetrahydrofuran

Concen: 10.775 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW012477.D

Acq: 02 Sep 2019 04:59

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-Q4-(0)

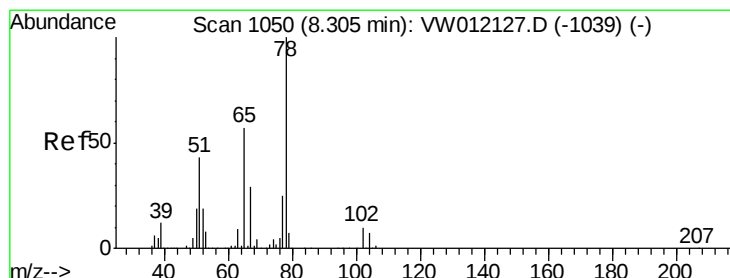
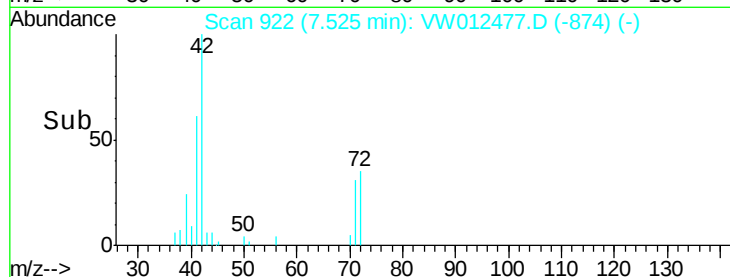
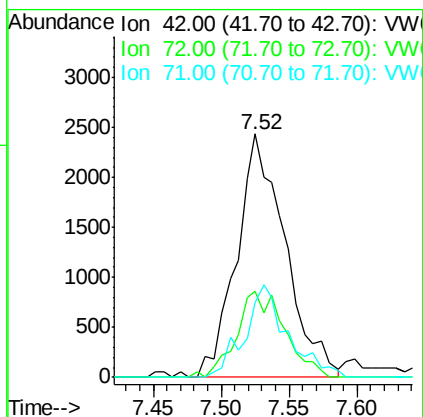
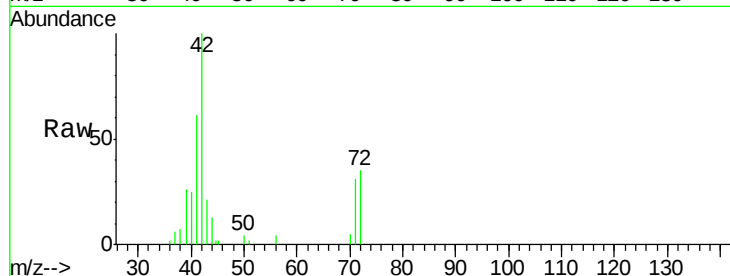
Tot Ion: 42 Resp: 6050

Ion Ratio Lower Upper

42 100

72 35.2 27.3 40.9

71 33.8 25.5 38.3



#33

1,2-Dichloroethane-d4

Concen: 55.859 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012477.D

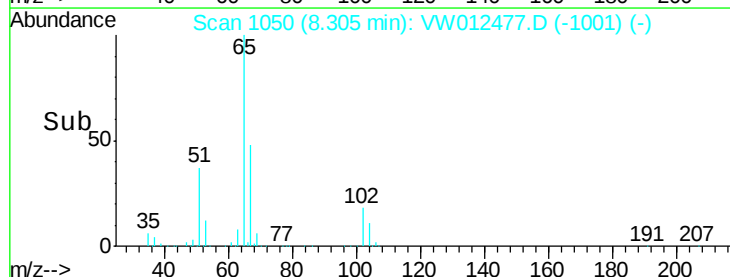
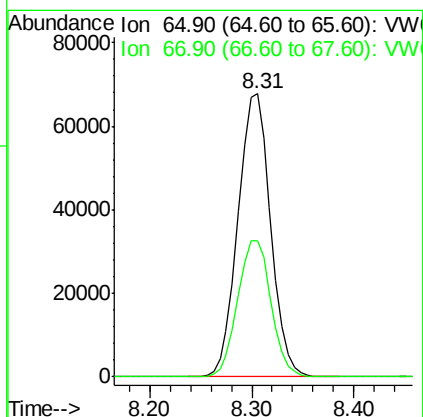
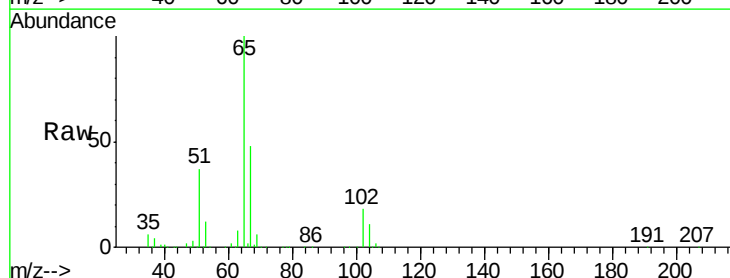
Acq: 02 Sep 2019 04:59

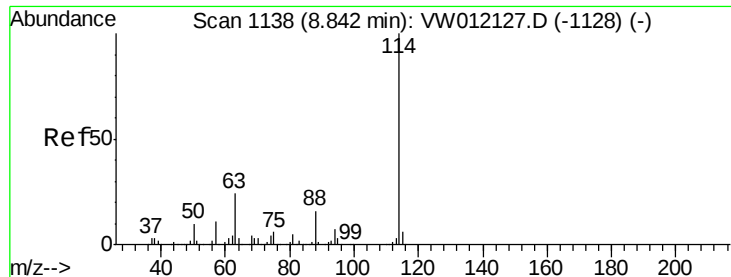
Tgt Ion: 65 Resp: 150492

Ion Ratio Lower Upper

65 100

67 49.4 0.0 102.6

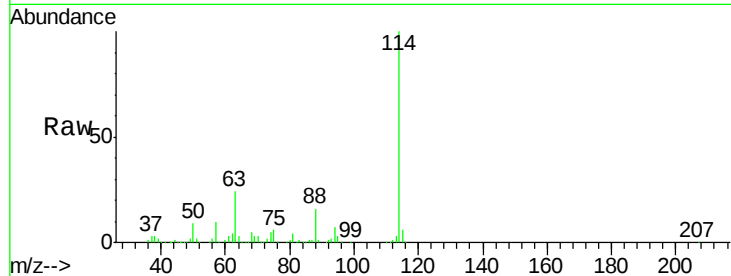




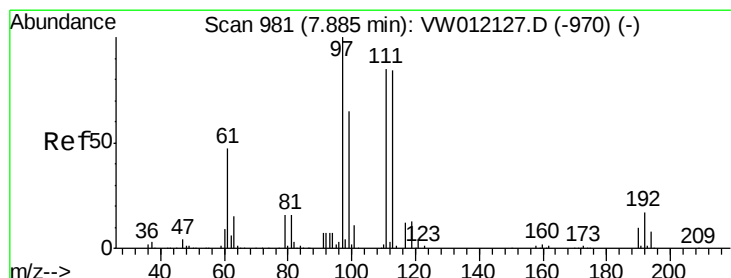
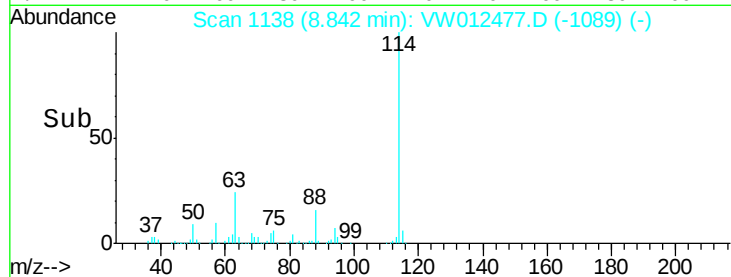
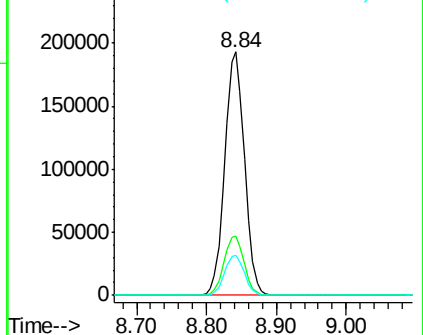
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012477.D
 Acq: 02 Sep 2019 04:59

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-Q4-(0)

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	48.6
88	16.5	0.0	32.2

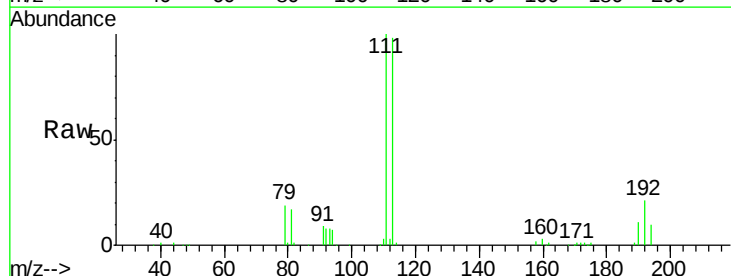


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

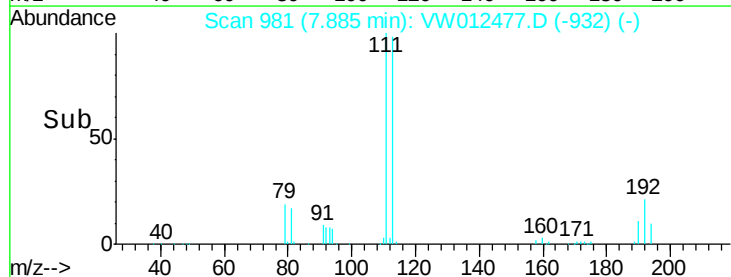
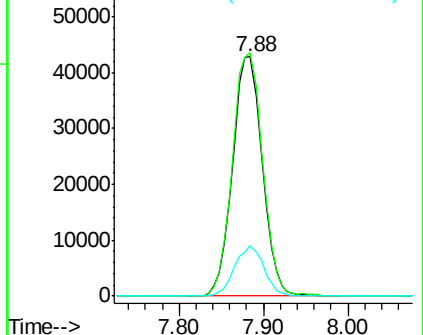


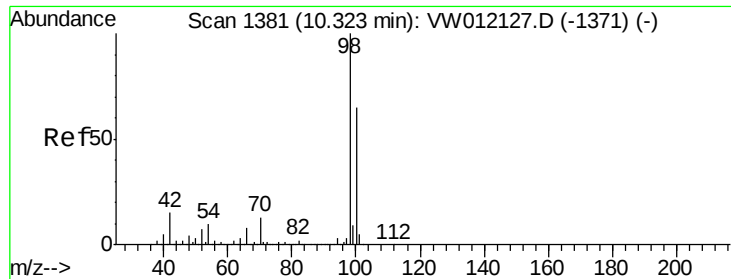
#35
 Dibromofluoromethane
 Concen: 45.341 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012477.D
 Acq: 02 Sep 2019 04:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.7	124.1
192	20.7	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: 50.320 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012477.D

Acq: 02 Sep 2019 04:59

Instrument :

MSVOA_W

ClientSampleId :

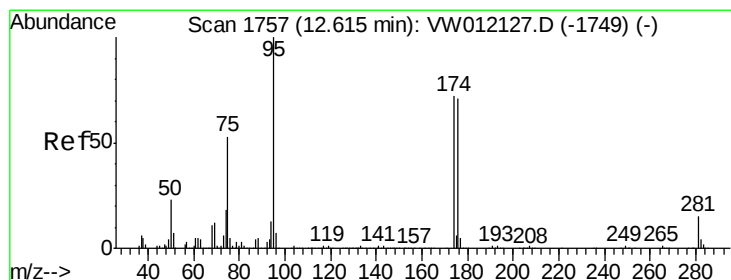
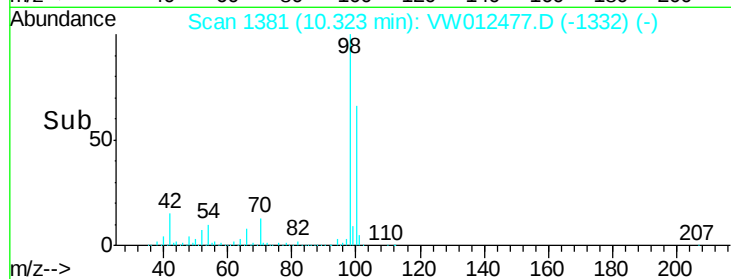
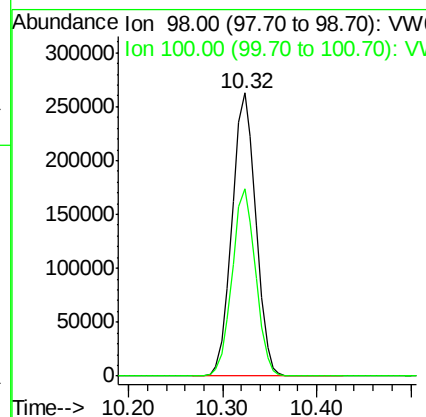
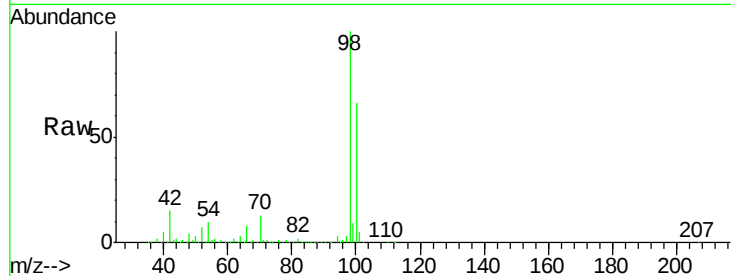
T9-12-13-Q4-(0)

Tot Ion: 98 Resp: 460655

Ion Ratio Lower Upper

98 100

100 65.1 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 40.585 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012477.D

Acq: 02 Sep 2019 04:59

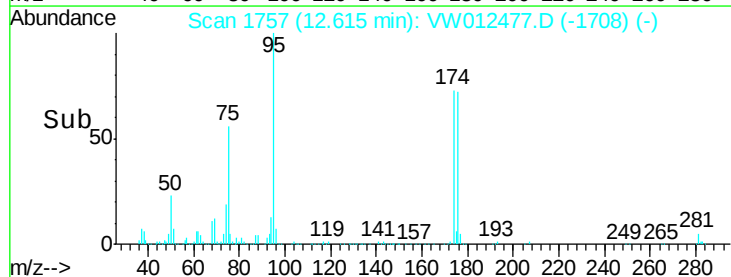
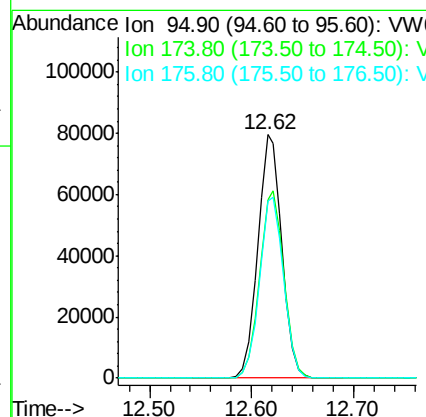
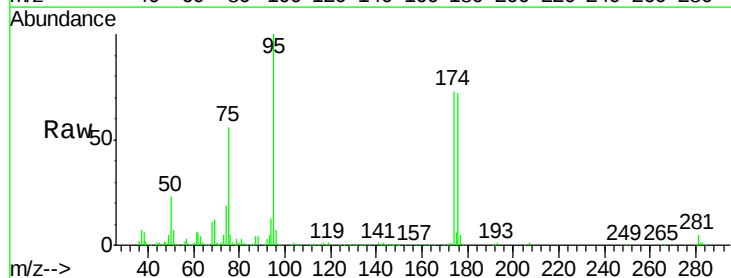
Tgt Ion: 95 Resp: 130967

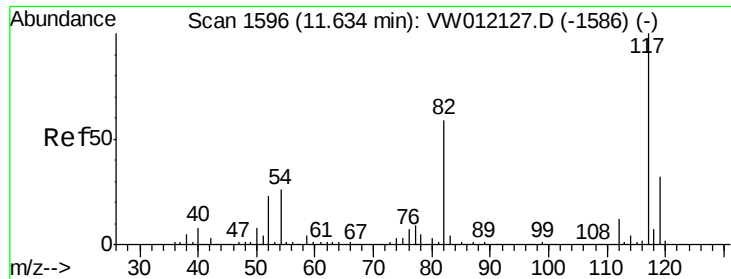
Ion Ratio Lower Upper

95 100

174 77.6 0.0 150.8

176 74.7 0.0 148.6

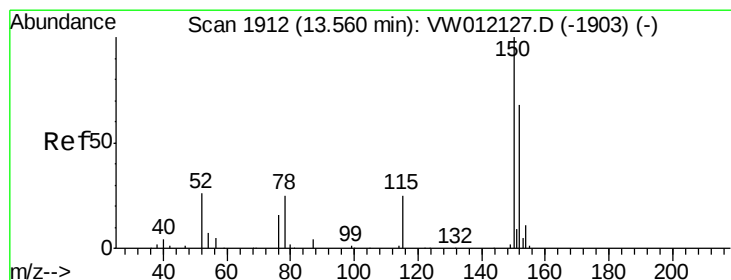
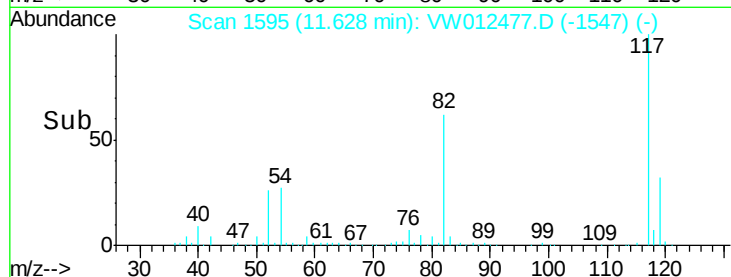
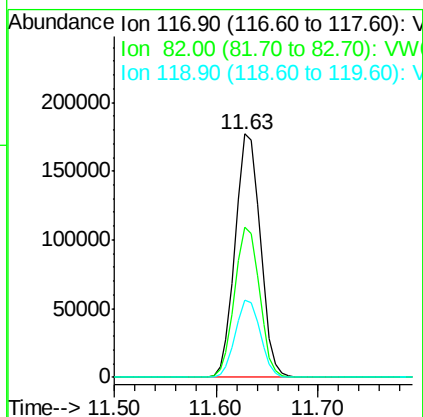
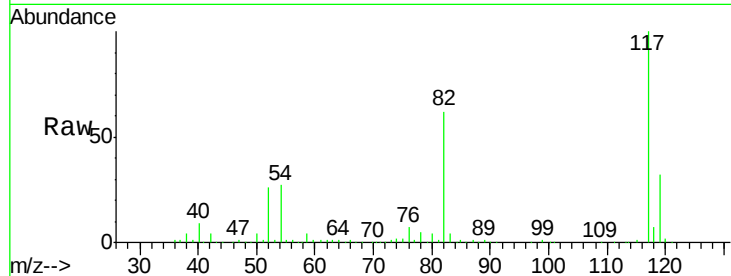




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012477.D
Acq: 02 Sep 2019 04:59

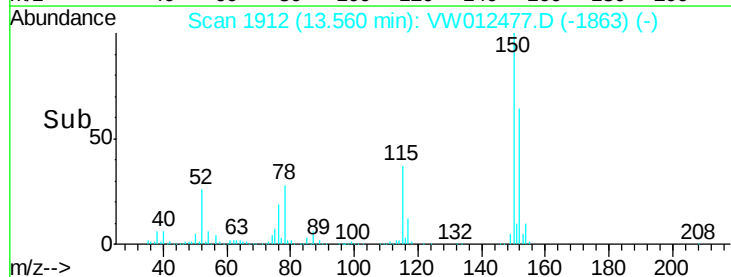
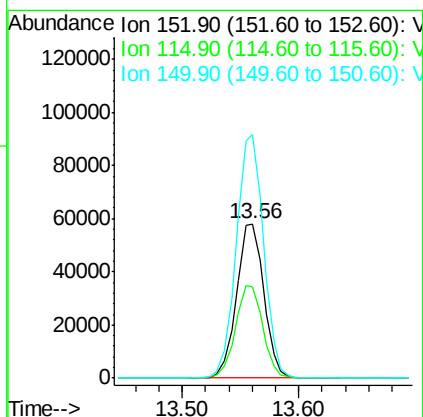
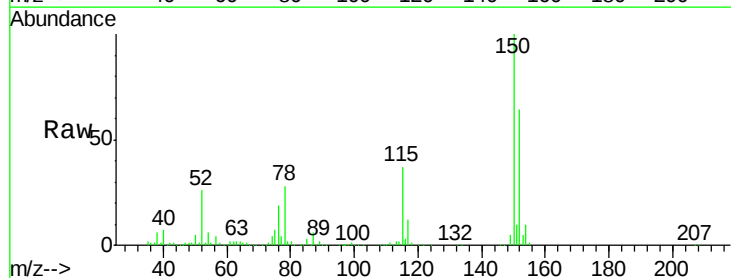
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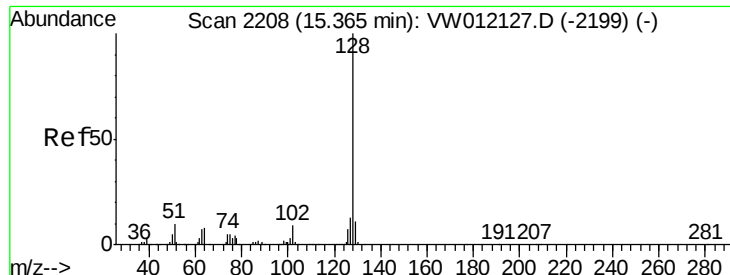
Tot Ion:117 Resp: 301118
Ion Ratio Lower Upper
117 100
82 61.6 47.4 71.2
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012477.D
Acq: 02 Sep 2019 04:59

Tgt Ion:152 Resp: 95063
Ion Ratio Lower Upper
152 100
115 60.1 30.1 90.3
150 157.6 0.0 345.8





#95

Naphthalene

Concen: 4.738 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW012477.D

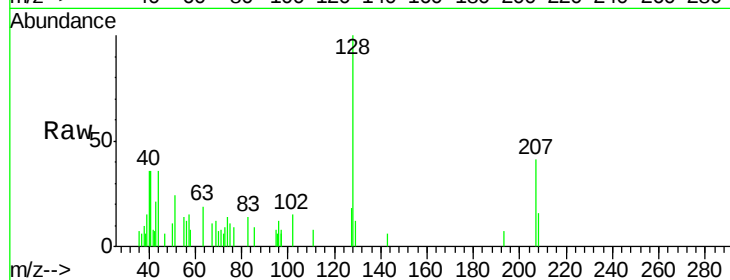
Acq: 02 Sep 2019 04:59

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-Q4-(0)



Tot Ion:	128	Resp:	1637
Ion	Ratio	Lower	Upper
128	100		
127	17.3	10.7	16.1#
129	11.7	8.7	13.1

