

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090119\
 Data File : VW012480.D
 Acq On : 02 Sep 2019 06:16
 Operator : SY/VA
 Sample : K4528-06
 Misc : 4.68G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-Q4-(1.9)

Quant Time: Sep 02 08:49:05 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

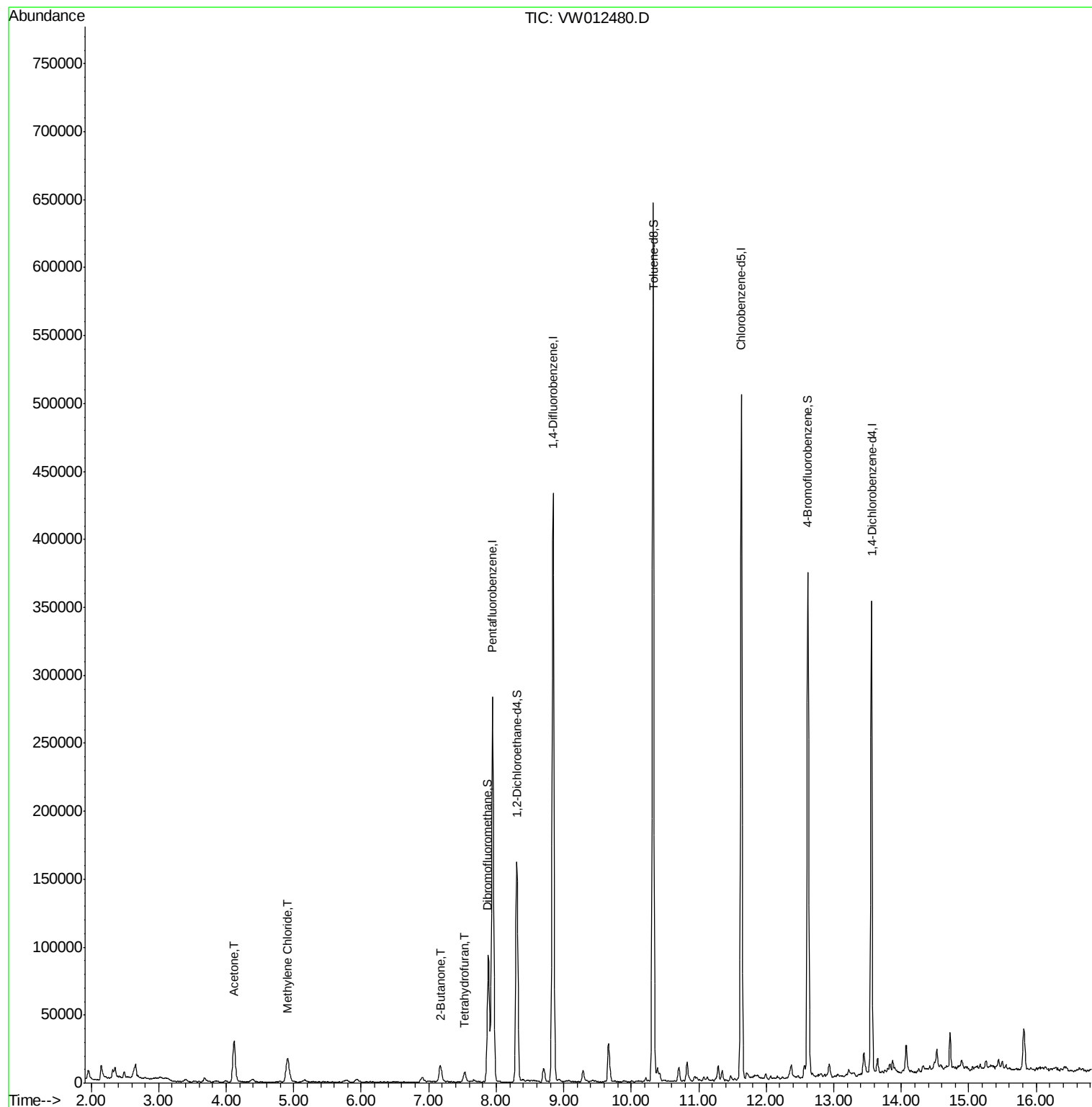
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	200920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	334767	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	264530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	88222	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	130962	54.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.66%	
35) Dibromofluoromethane	7.88	113	68170	34.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.24%	
50) Toluene-d8	10.32	98	399355	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	12.62	95	117567	41.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.32%	
Target Compounds						
16) Acetone	4.12	43	55349	90.656	ug/l	100
20) Methylene Chloride	4.91	84	12952	5.612	ug/l	93
25) 2-Butanone	7.17	43	20464	24.666	ug/l	95
29) Tetrahydrofuran	7.53	42	5781	11.614	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: VW012480.D

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MSVOA_W

ClientSampleId :

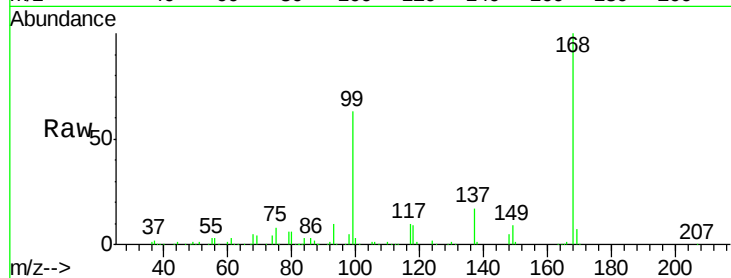
T9-12-13-Q4-(1.9)

Tot Ion:168 Resp: 200920

Ion Ratio Lower Upper

168 100

99 63.3 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

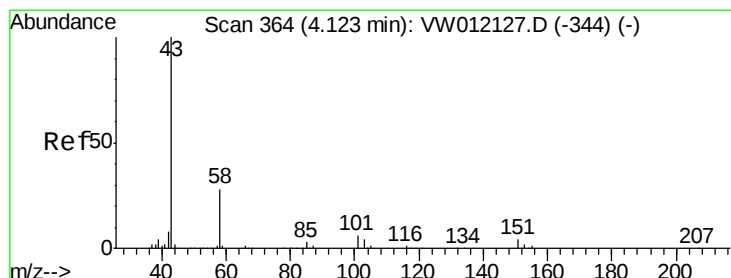
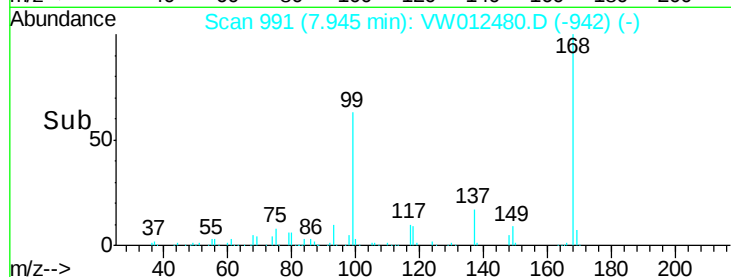
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 90.656 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW012480.D

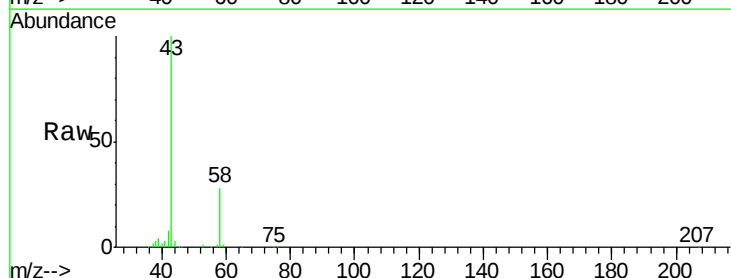
Acq: 02 Sep 2019 06:16

Tgt Ion: 43 Resp: 55349

Ion Ratio Lower Upper

43 100

58 28.0 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

20000

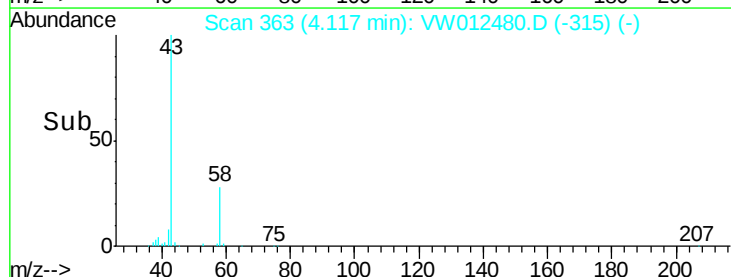
15000

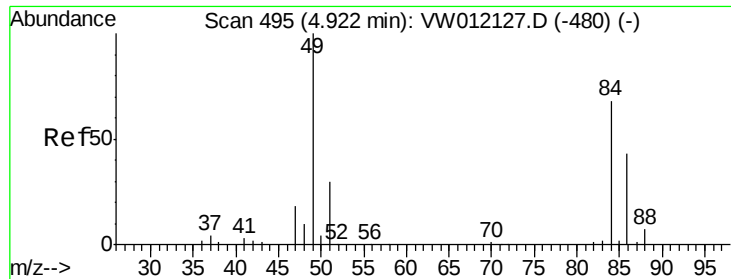
10000

5000

0

Time--> 4.00 4.10 4.20

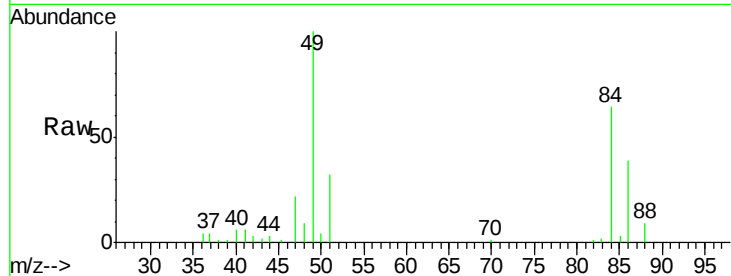




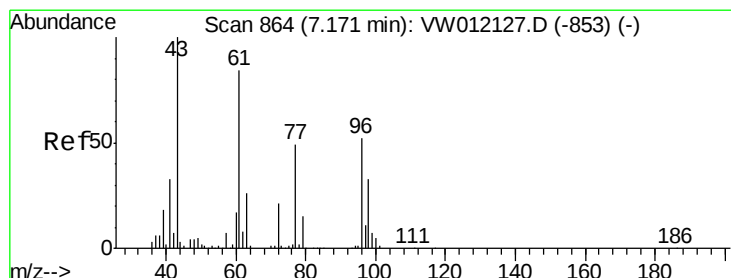
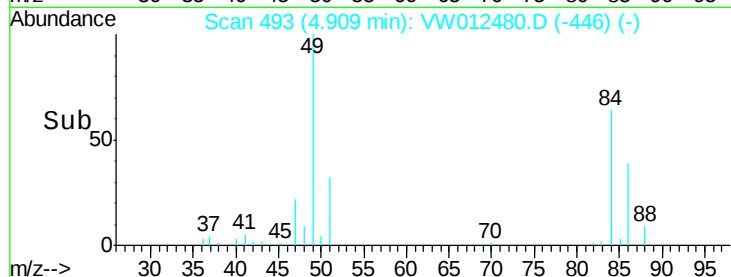
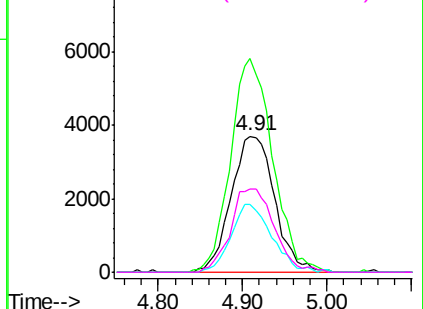
#20
Methvlene Chloride
Concen: 5.612 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012480.D
Acq: 02 Sep 2019 06:16

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-Q4-(1.9)

Tot Ion:	84	Resp:	12952
Ion	Ratio	Lower	Upper
84	100		
49	156.7	117.8	176.8
51	49.5	35.6	53.4
86	60.8	51.2	76.8

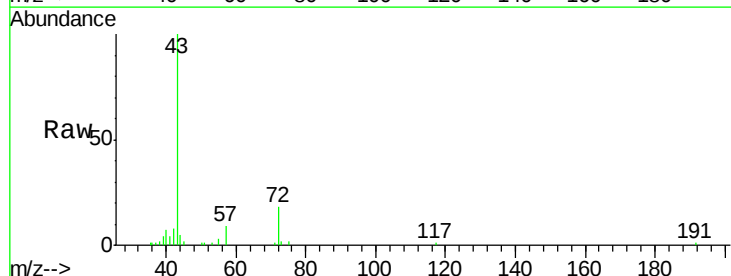


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

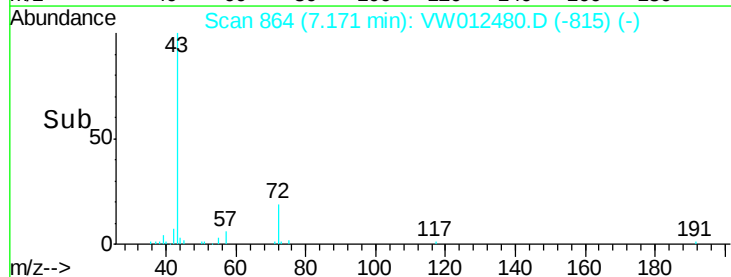
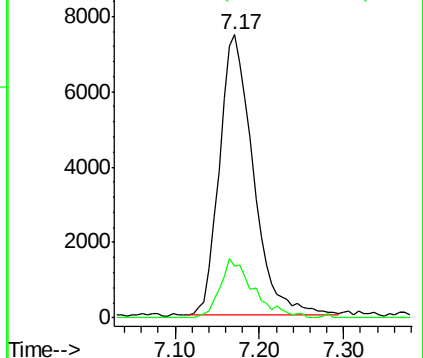


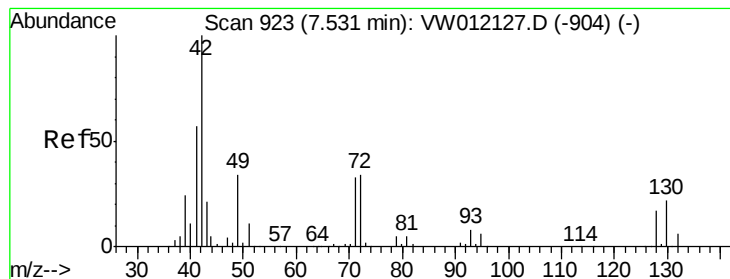
#25
2-Butanone
Concen: 24.666 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW012480.D
Acq: 02 Sep 2019 06:16

Tgt Ion:	43	Resp:	20464
Ion	Ratio	Lower	Upper
43	100		
72	18.4	16.6	24.8



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#29

Tetrahydrofuran

Concen: 11.614 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW012480.D

Acq: 02 Sep 2019 06:16

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-Q4-(1.9)

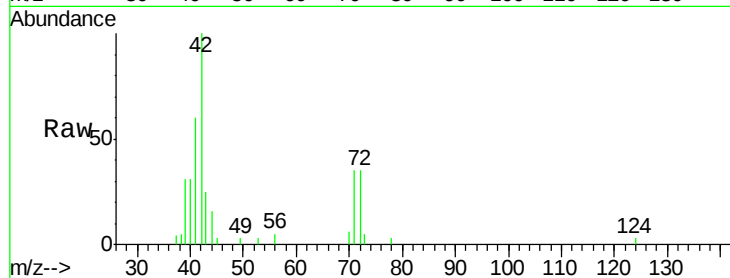
Tot Ion: 42 Resp: 5781

Ion Ratio Lower Upper

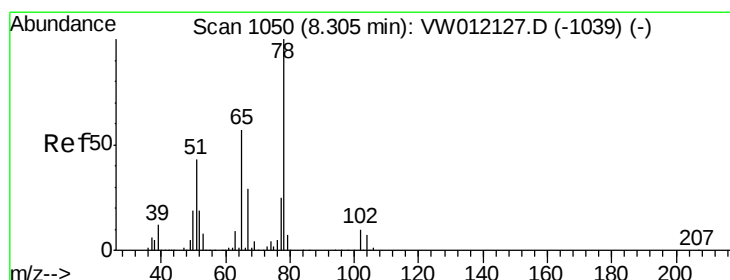
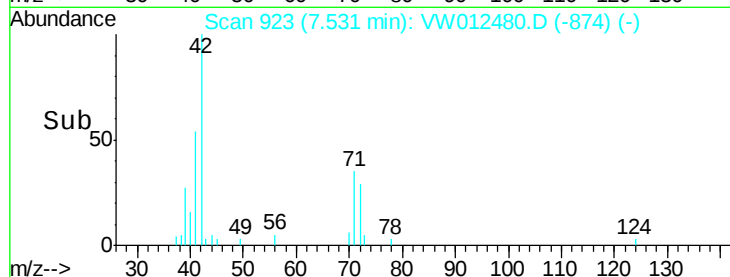
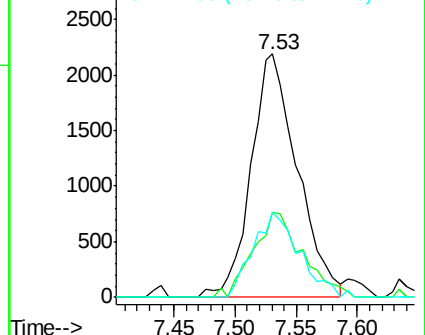
42 100

72 37.1 27.3 40.9

71 34.9 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: 54.831 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012480.D

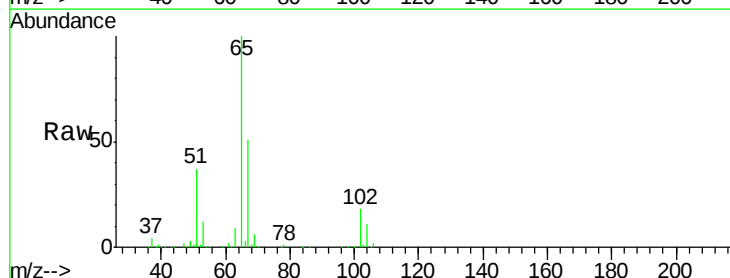
Acq: 02 Sep 2019 06:16

Tgt Ion: 65 Resp: 130962

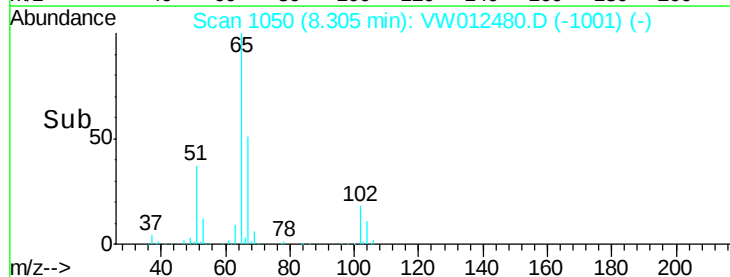
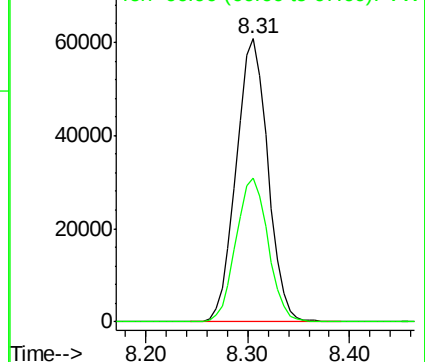
Ion Ratio Lower Upper

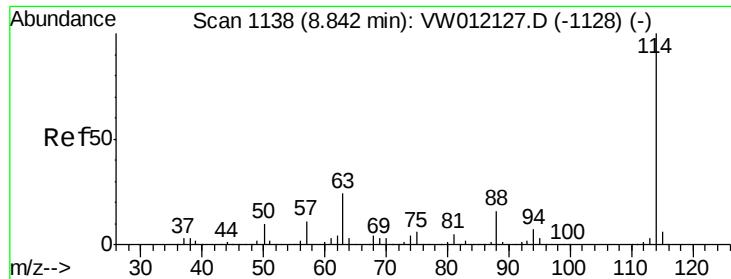
65 100

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

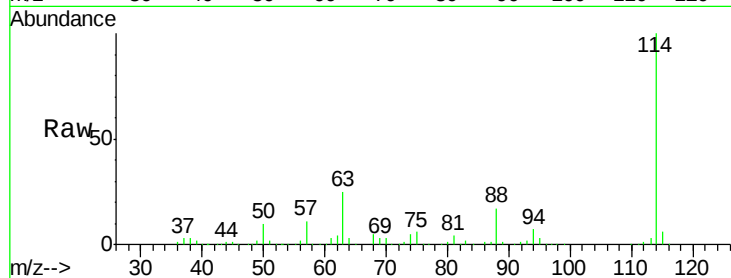




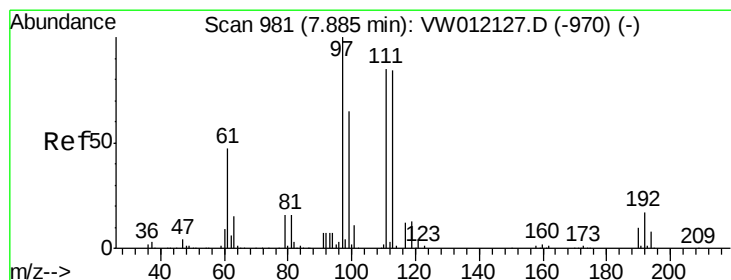
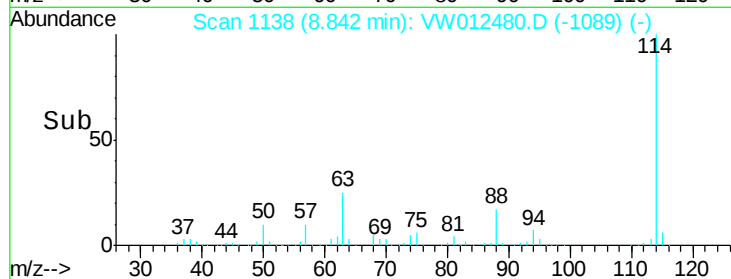
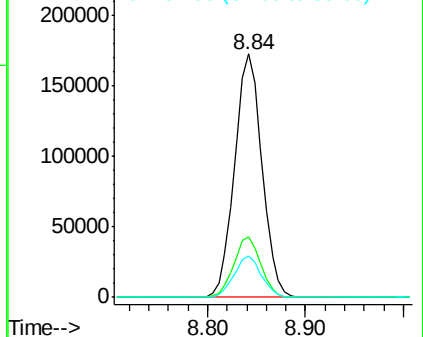
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012480.D
 Acq: 02 Sep 2019 06:16

Instrument :
 MSVOA_W
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 T9-12-13-Q4-(1.9)

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.6	0.0	48.6
88	16.9	0.0	32.2

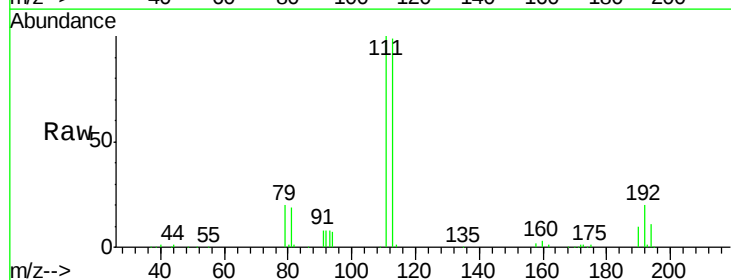


Abundance Ion 113.90 (113.60 to 114.60): V

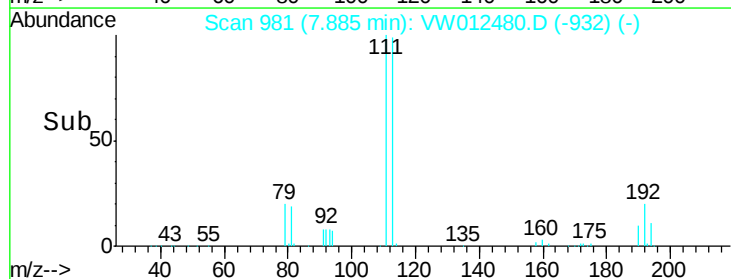
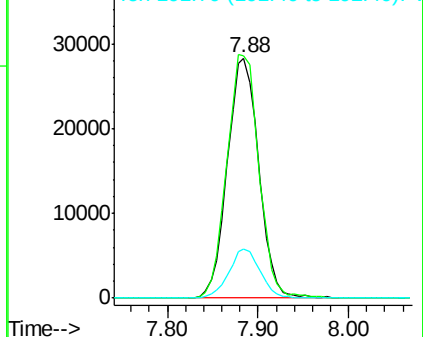


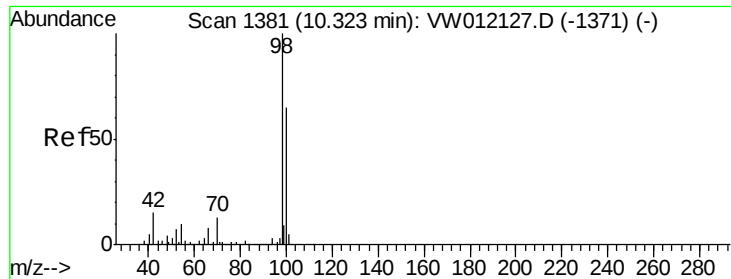
#35
 Dibromofluoromethane
 Concen: 34.115 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012480.D
 Acq: 02 Sep 2019 06:16

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.7	124.1
192	20.3	16.2	24.2



Abundance Ion 112.80 (112.50 to 113.50): V





#50

Toluene-d8

Concen: 49.289 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012480.D

Acq: 02 Sep 2019 06:16

Instrument :

MSVOA_W

ClientSampleId :

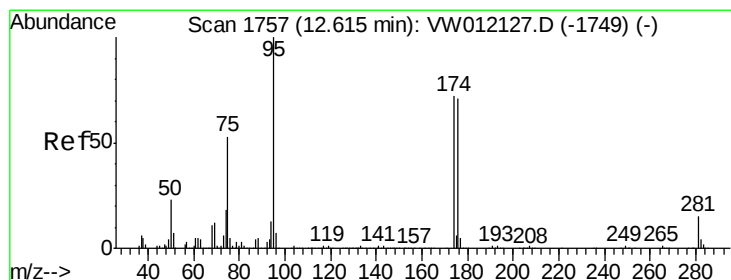
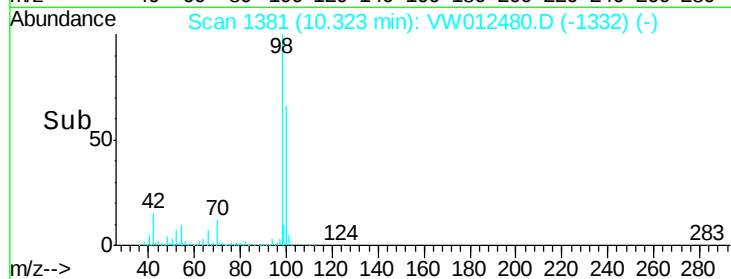
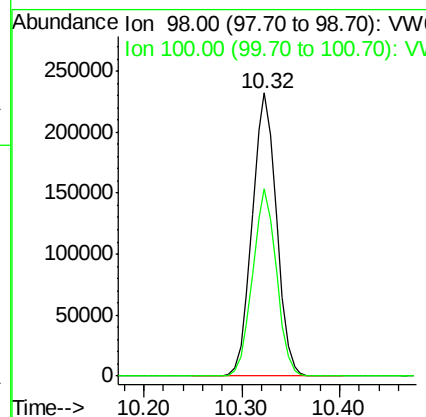
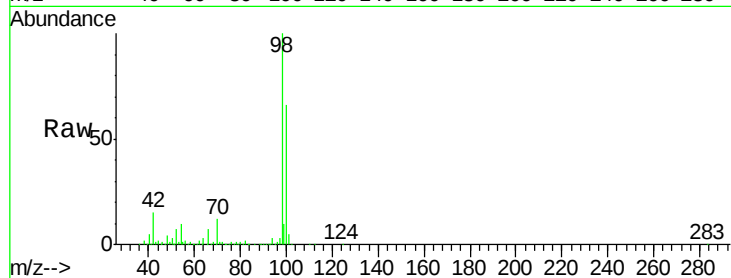
T9-12-13-Q4-(1.9)

Tot Ion: 98 Resp: 399355

Ion Ratio Lower Upper

98 100

100 64.9 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 41.164 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012480.D

Acq: 02 Sep 2019 06:16

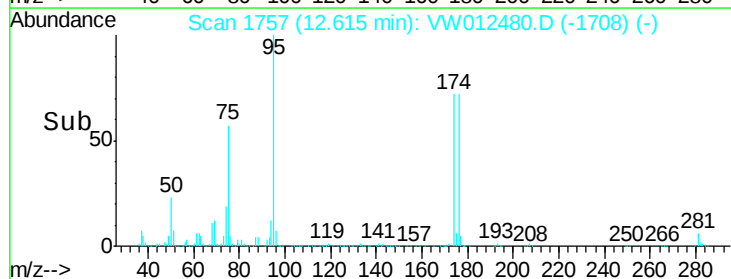
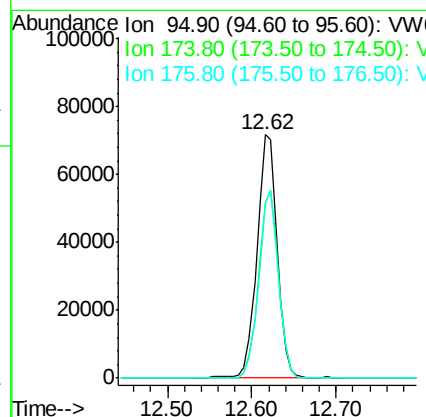
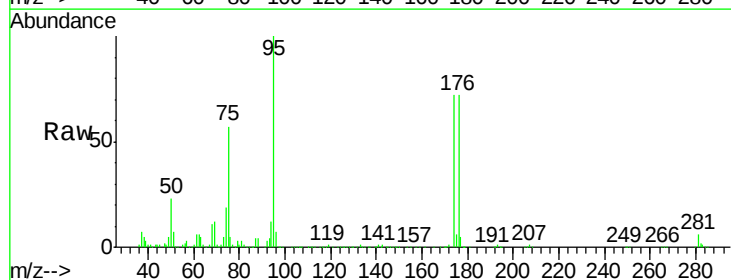
Tgt Ion: 95 Resp: 117567

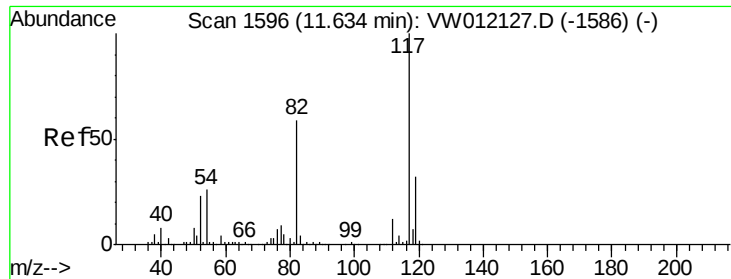
Ion Ratio Lower Upper

95 100

174 76.7 0.0 150.8

176 74.4 0.0 148.6

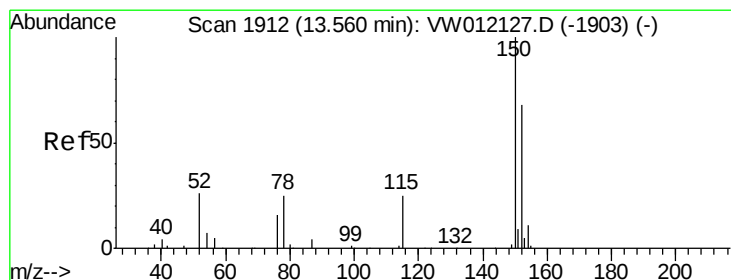
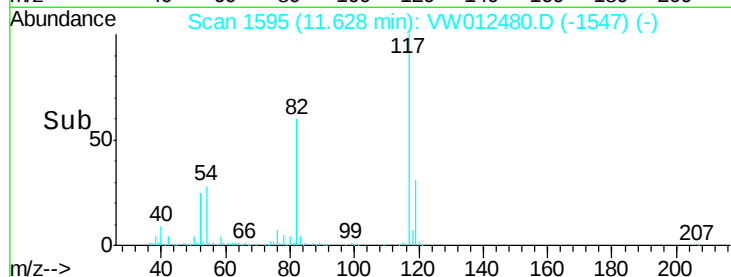
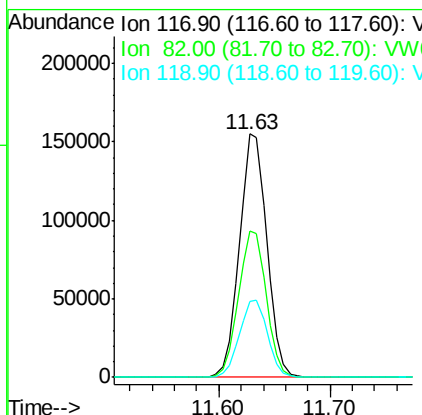
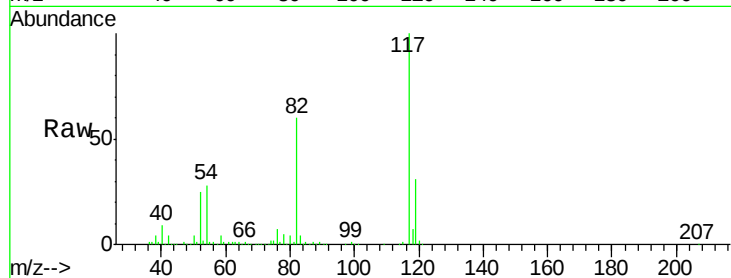




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012480.D
Acq: 02 Sep 2019 06:16

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-Q4-(1.9)

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.1	47.4	71.2
119	31.3	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: VW012480.D
Acq: 02 Sep 2019 06:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	30.1	90.3
150	154.8	0.0	345.8

