

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090419\
 Data File : VW012588.D
 Acq On : 04 Sep 2019 12:24
 Operator : SY/VA
 Sample : K4619-06
 Misc : 6.35G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP2-COMP

Quant Time: Sep 04 15:00:43 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

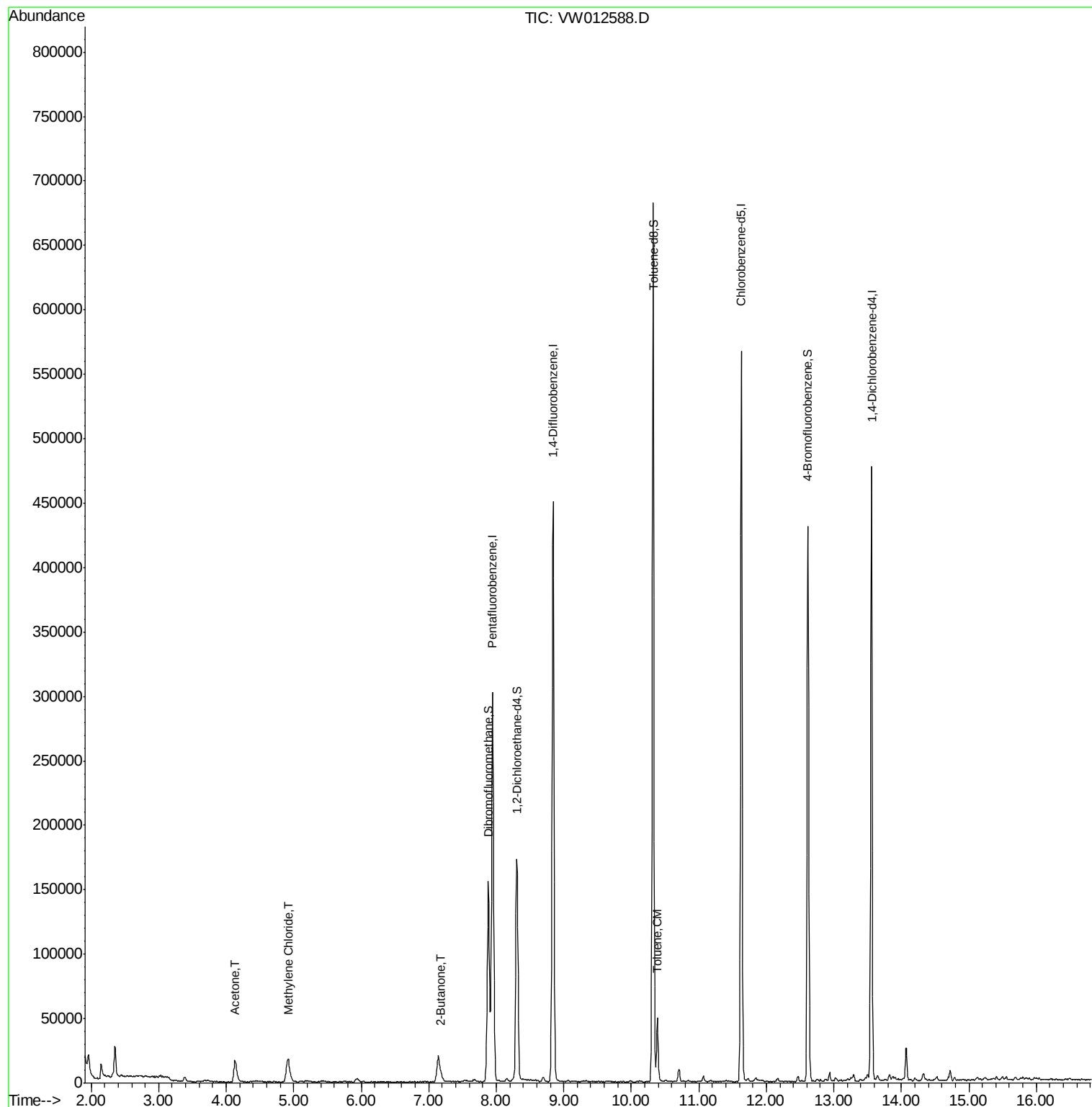
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	213581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	347791	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	290584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	118223	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	140114	55.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.38%	
35) Dibromofluoromethane	7.88	113	107841	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.90%	
50) Toluene-d8	10.32	98	422195	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.62	95	136041	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
Target Compounds						
16) Acetone	4.14	43	34158	52.631	ug/l	97
20) Methylene Chloride	4.92	84	13690	5.580	ug/l	89
25) 2-Butanone	7.18	43	9364	10.618	ug/l	99
52) Toluene	10.38	92	19714	3.344	ug/l	97

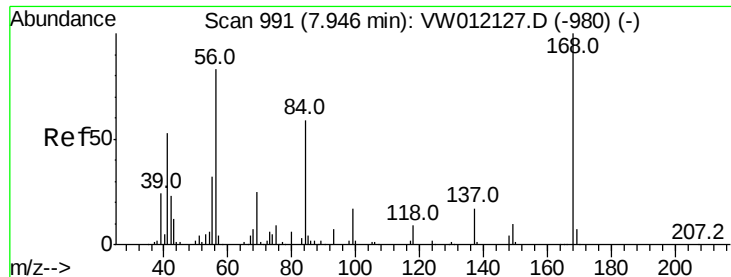
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090419\
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Quant Title : SW846 8260
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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: VW012588.D

Acq: 04 Sep 2019 12:24

Instrument :

MSVOA_W

ClientSampled :

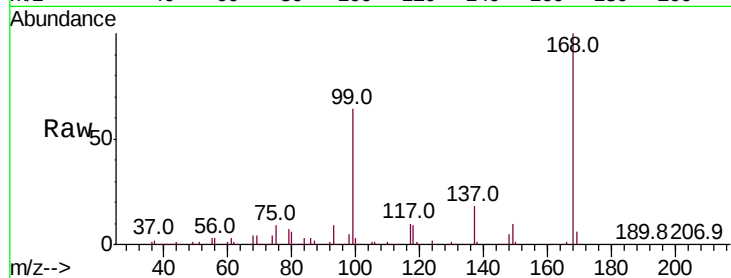
TP2-COMP

Tot Ion:168 Resp: 213581

Ion Ratio Lower Upper

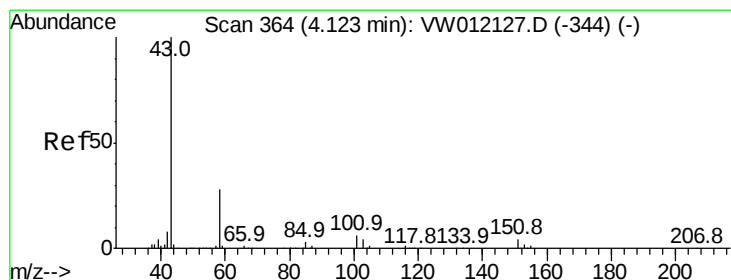
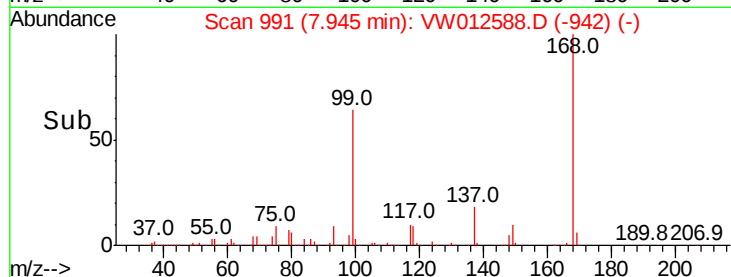
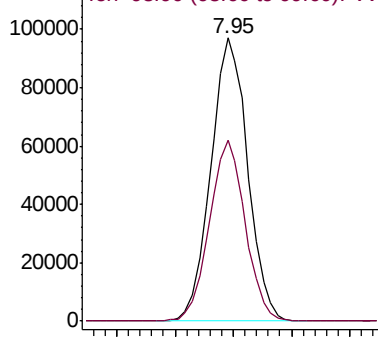
168 100

99 64.1 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 52.631 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012588.D

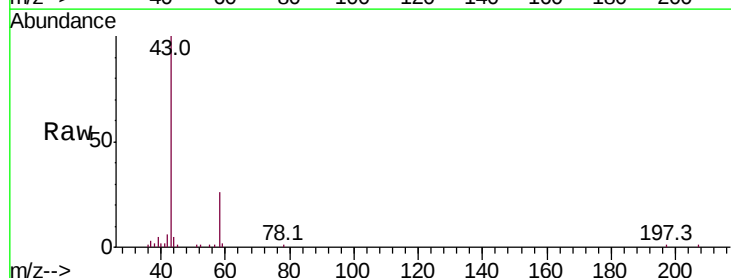
Acq: 04 Sep 2019 12:24

Tgt Ion: 43 Resp: 34158

Ion Ratio Lower Upper

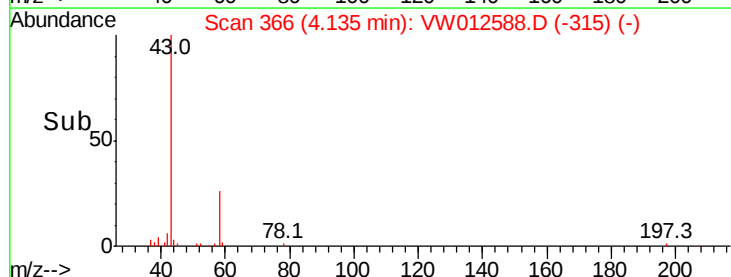
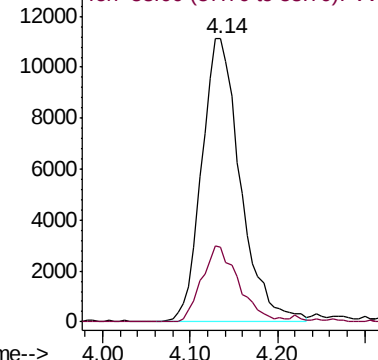
43 100

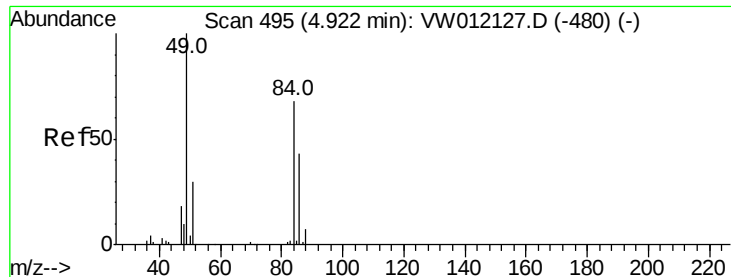
58 26.2 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

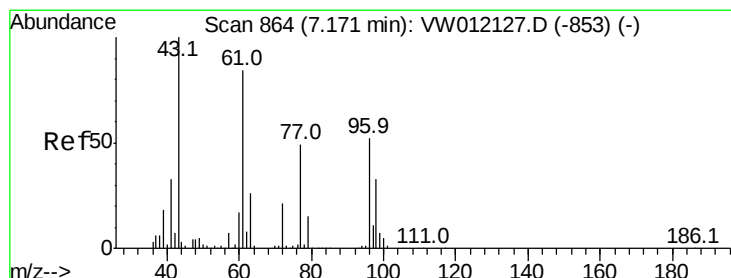
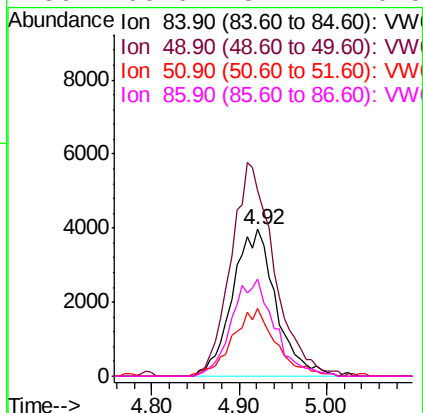
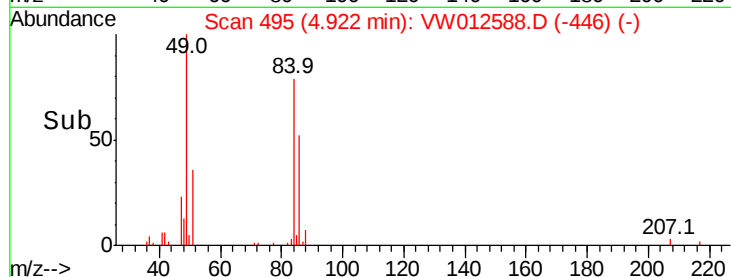
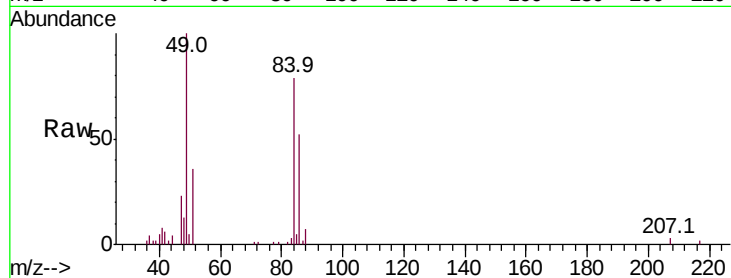




#20
Methvlene Chloride
Concen: 5.580 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW012588.D
Acq: 04 Sep 2019 12:24

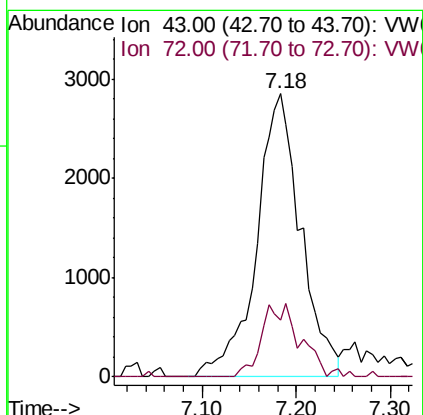
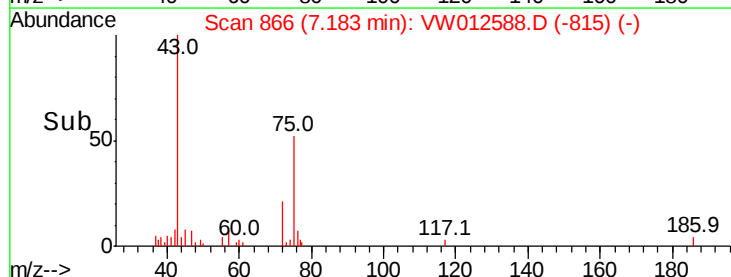
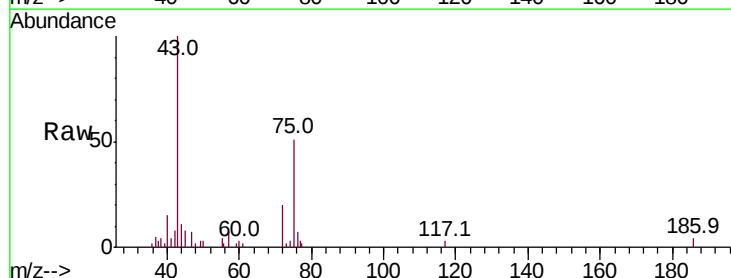
Instrument :
MSVOA_W
ClientSampled :
TP2-COMP

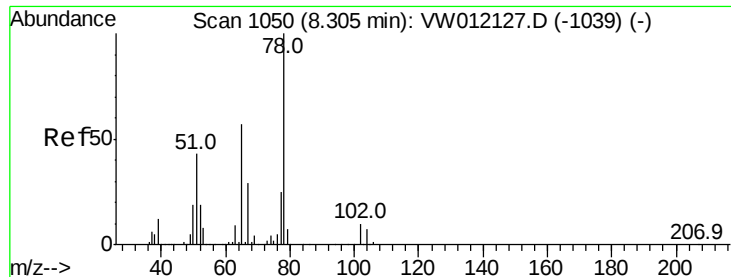
Tot Ion:	84	Resp:	13690
Ion	Ratio	Lower	Upper
84	100		
49	126.8	117.8	176.8
51	46.2	35.6	53.4
86	66.6	51.2	76.8



#25
2-Butanone
Concen: 10.618 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW012588.D
Acq: 04 Sep 2019 12:24

Tgt Ion:	43	Resp:	9364
Ion	Ratio	Lower	Upper
43	100		
72	20.1	16.6	24.8





#33

1,2-Dichloroethane-d4

Concen: 55.186 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012588.D

Acq: 04 Sep 2019 12:24

Instrument :

MSVOA_W

ClientSampled :

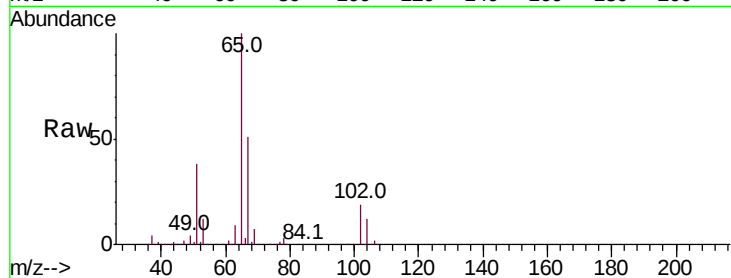
TP2-COMP

Tot Ion: 65 Resp: 140114

Ion Ratio Lower Upper

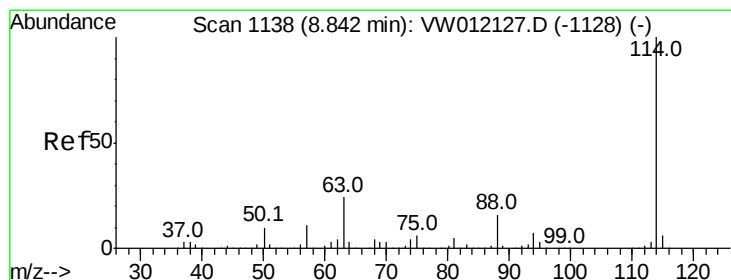
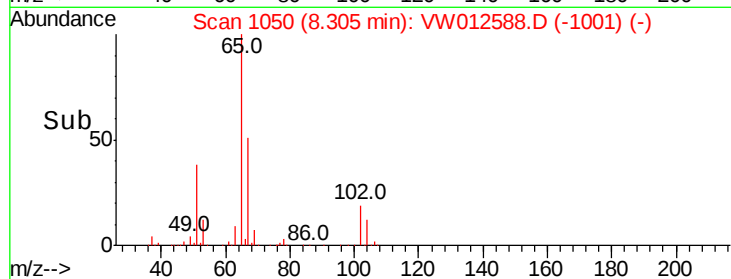
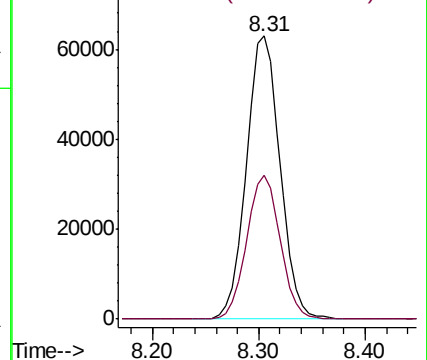
65 100

67 50.7 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: VW012588.D

Acq: 04 Sep 2019 12:24

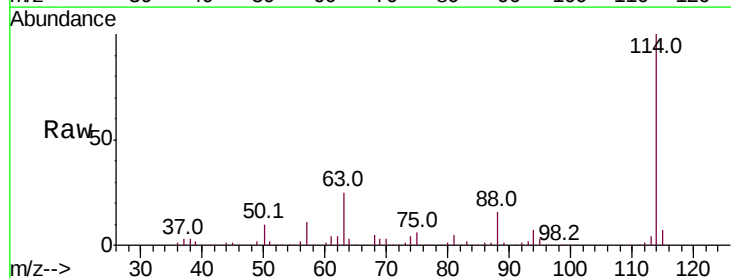
Tgt Ion: 114 Resp: 347791

Ion Ratio Lower Upper

114 100

63 24.9 0.0 48.6

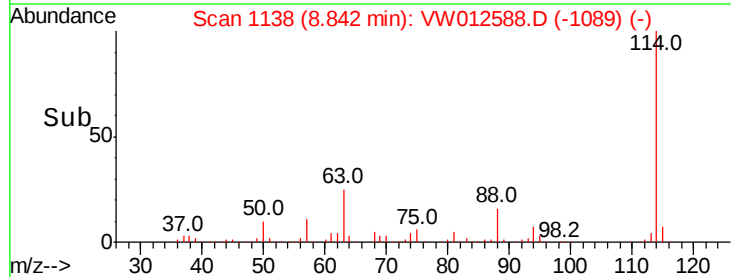
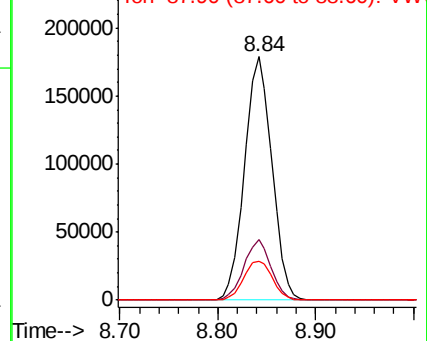
88 15.9 0.0 32.2

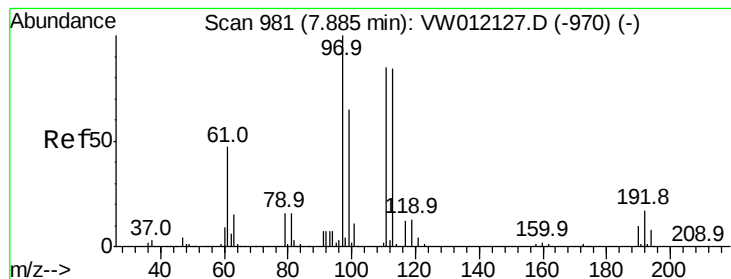


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 51.947 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012588.D

Acq: 04 Sep 2019 12:24

Instrument :

MSVOA_W

ClientSampleId :

TP2-COMP

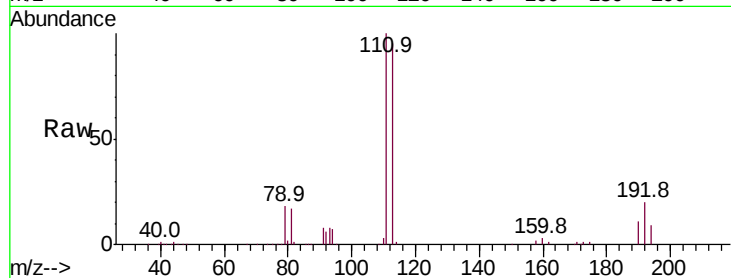
Tot Ion:113 Resp: 107841

Ion Ratio Lower Upper

113 100

111 104.1 82.7 124.1

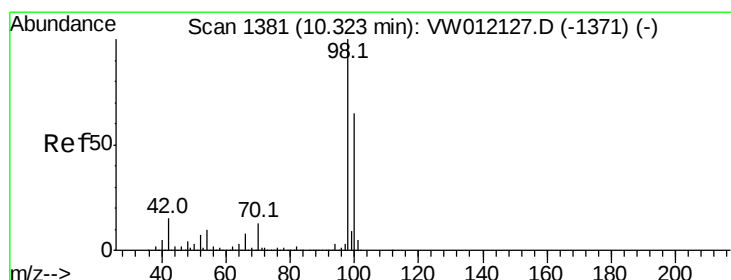
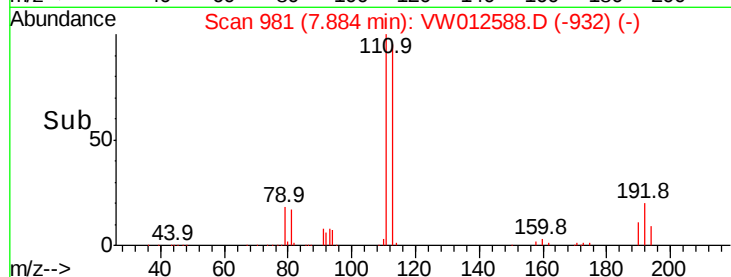
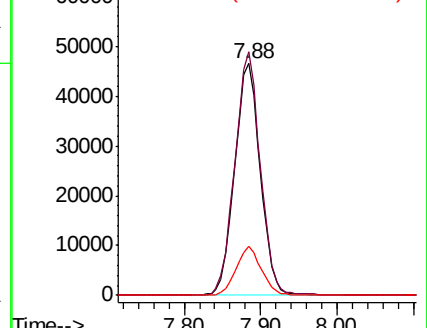
192 20.6 16.2 24.2



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: 50.157 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012588.D

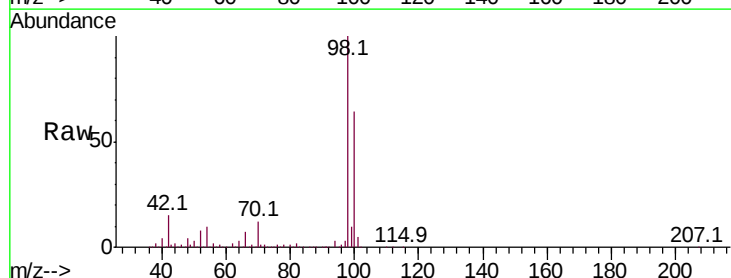
Acq: 04 Sep 2019 12:24

Tgt Ion: 98 Resp: 422195

Ion Ratio Lower Upper

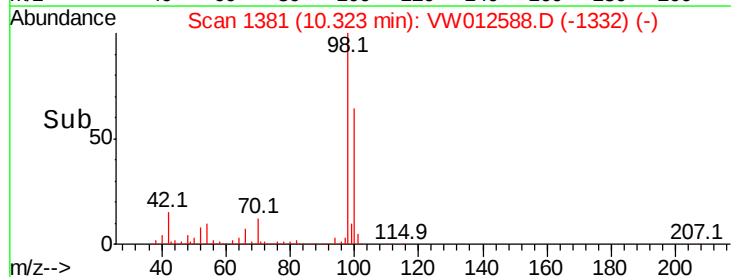
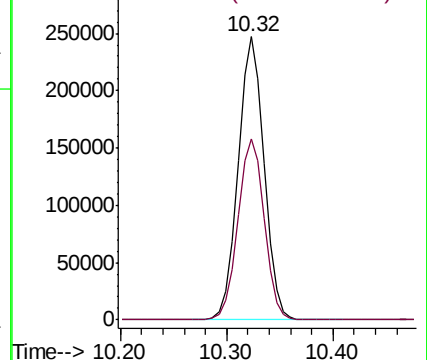
98 100

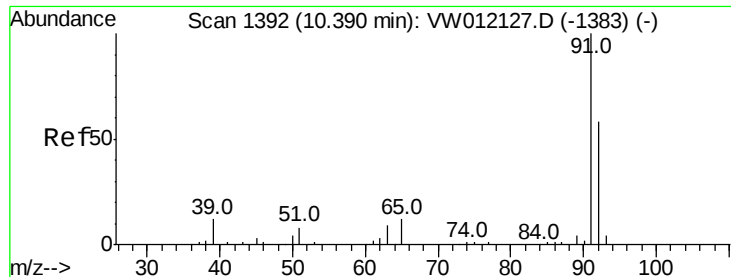
100 65.0 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 3.344 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012588.D

Acq: 04 Sep 2019 12:24

Instrument :

MSVOA_W

ClientSampleId :

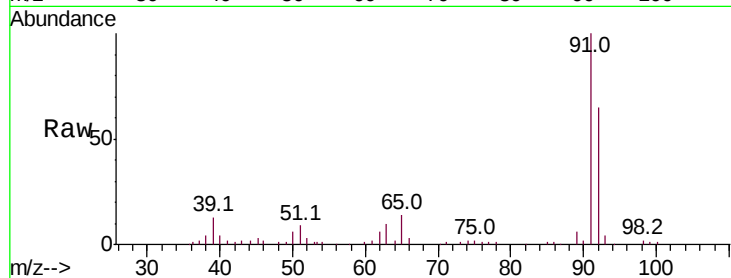
TP2-COMP

Tot Ion: 92 Resp: 19714

Ion Ratio Lower Upper

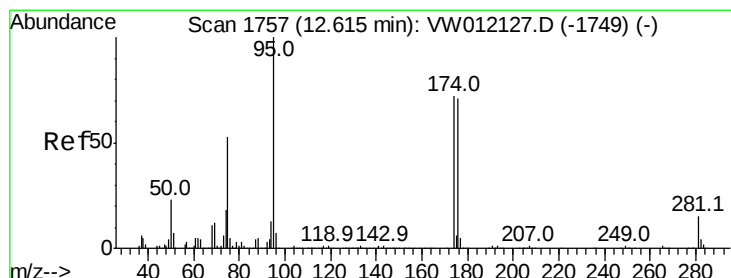
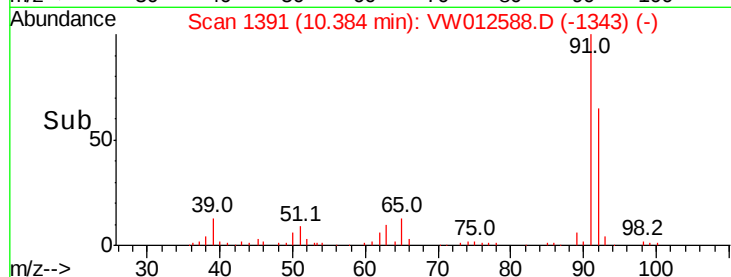
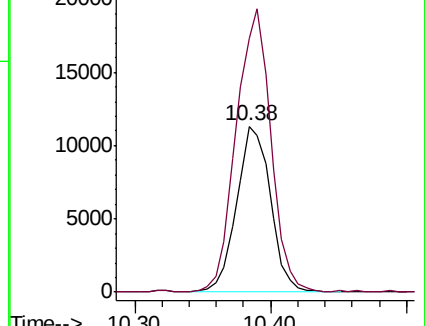
92 100

91 174.4 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 45.849 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012588.D

Acq: 04 Sep 2019 12:24

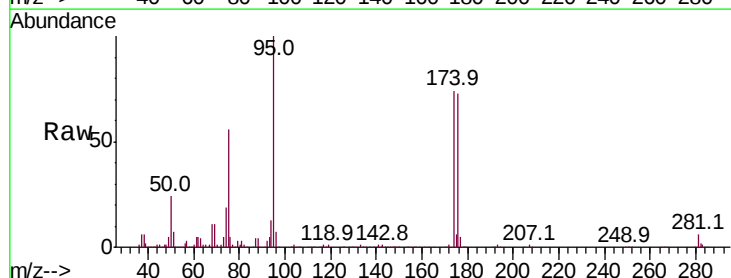
Tgt Ion: 95 Resp: 136041

Ion Ratio Lower Upper

95 100

174 78.6 0.0 150.8

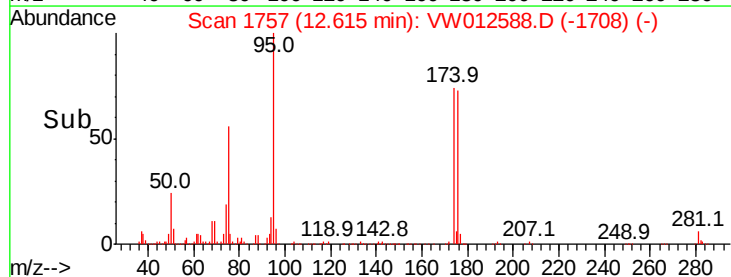
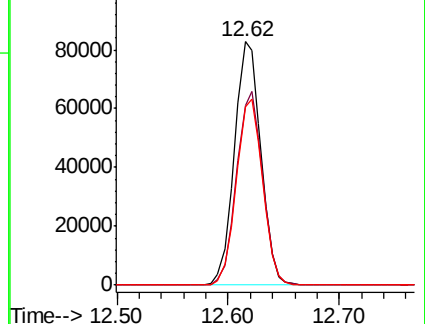
176 75.8 0.0 148.6

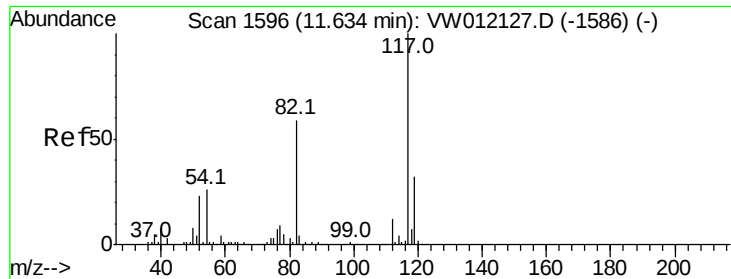


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

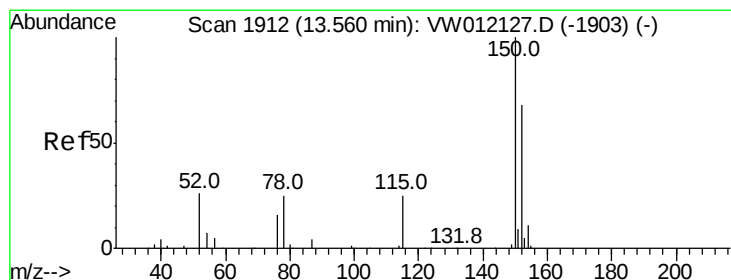
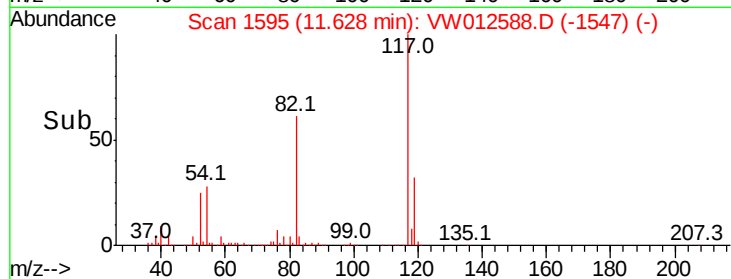
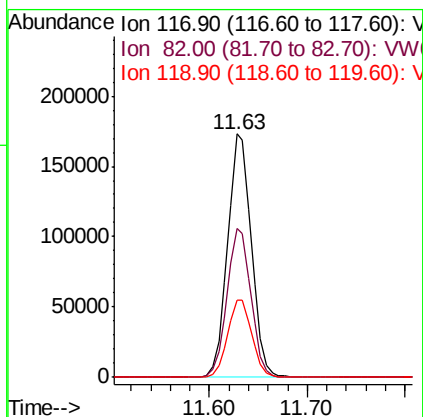
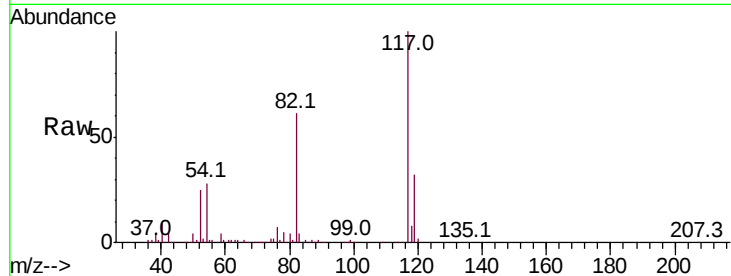




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012588.D
Acq: 04 Sep 2019 12:24

Instrument :
MSVOA_W
ClientSampleId :
TP2-COMP

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.1	47.4	71.2
119	31.6	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: VW012588.D
Acq: 04 Sep 2019 12:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.8	30.1	90.3
150	155.1	0.0	345.8

