

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082019\
 Data File : VW012028.D
 Acq On : 20 Aug 2019 13:44
 Operator : SY/VA
 Sample : K4386-13
 Misc : 5.46G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T6-A2-(0)

Quant Time: Aug 20 17:57:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

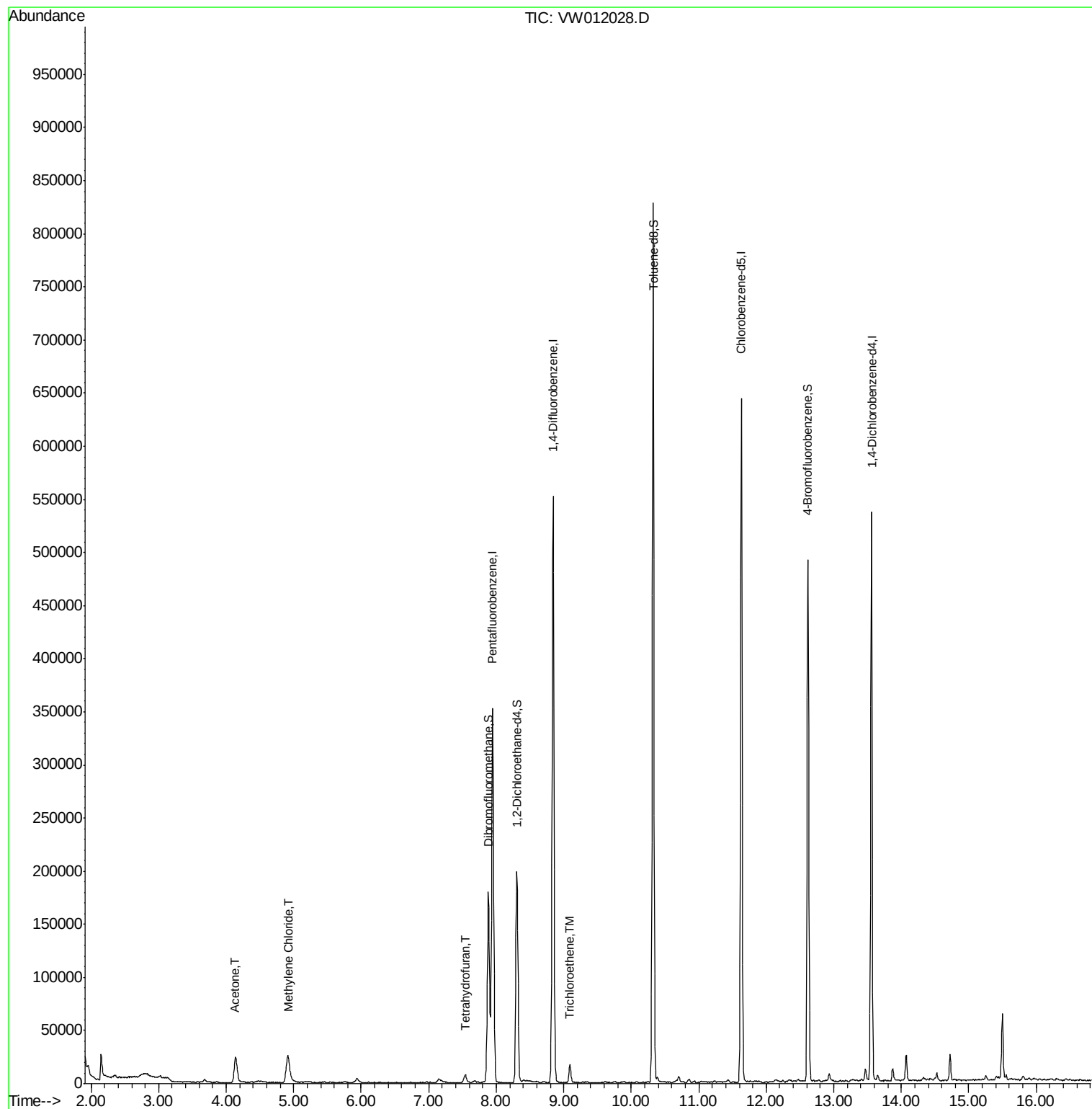
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	261272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	429469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	347313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	133461	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	156691	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
35) Dibromofluoromethane	7.88	113	127640	52.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.96%	
50) Toluene-d8	10.32	98	521768	52.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.78%	
62) 4-Bromofluorobenzene	12.62	95	160666	45.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.36%	
Target Compounds						
16) Acetone	4.14	43	50517	52.934	ug/l	94
20) Methylene Chloride	4.92	84	19949	6.061	ug/l	97
29) Tetrahydrofuran	7.54	42	6845	9.589	ug/l	98
44) Trichloroethene	9.09	130	5393	1.794	ug/l	72

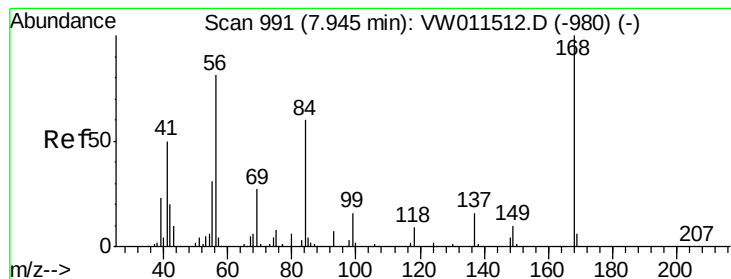
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012028.D

Acq: 20 Aug 2019 13:44

Instrument :

MSVOA_W

ClientSampleId :

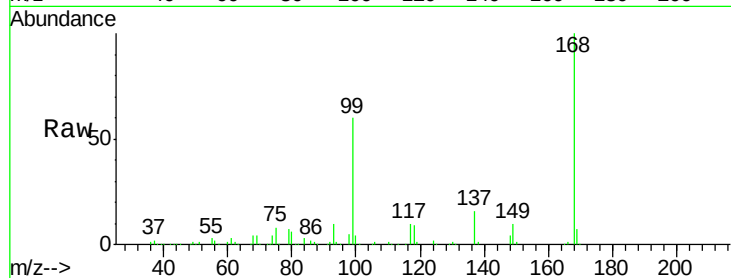
T6-A2-(0)

Tot Ion:168 Resp: 261272

Ion Ratio Lower Upper

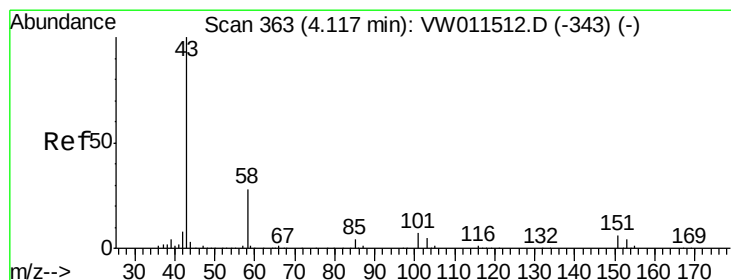
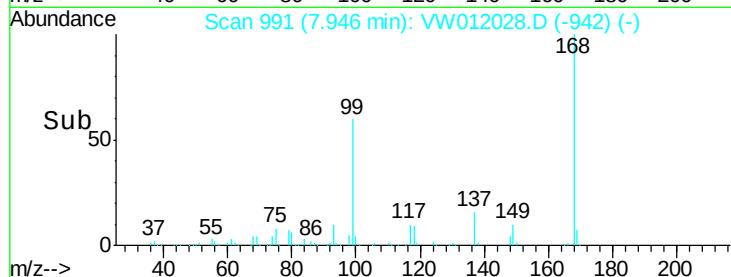
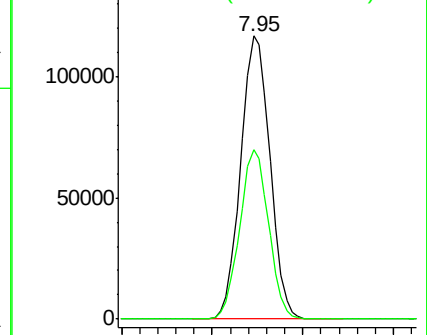
168 100

99 59.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 52.934 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012028.D

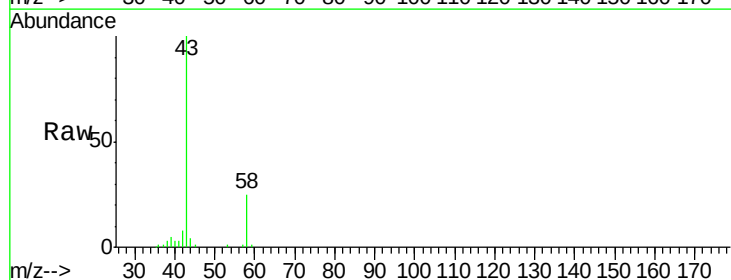
Acq: 20 Aug 2019 13:44

Tgt Ion: 43 Resp: 50517

Ion Ratio Lower Upper

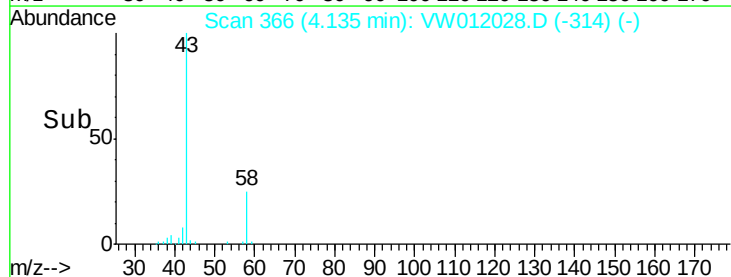
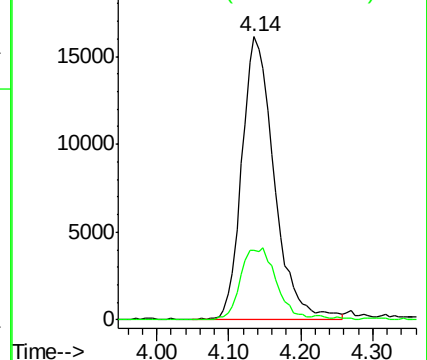
43 100

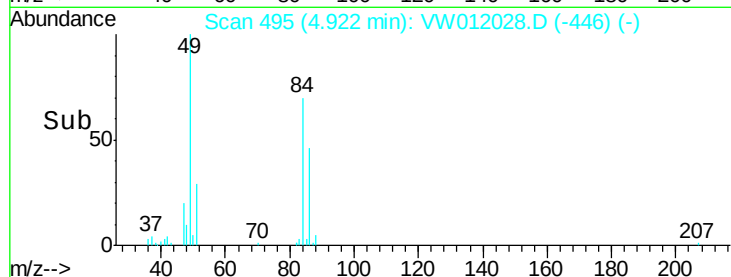
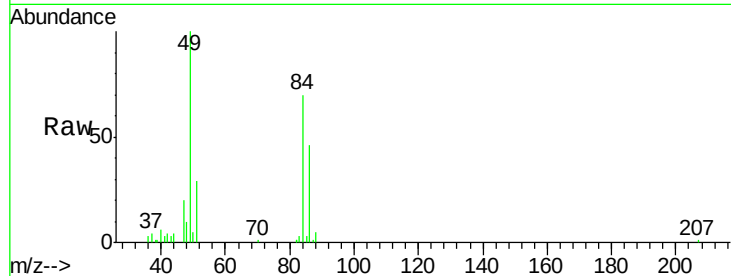
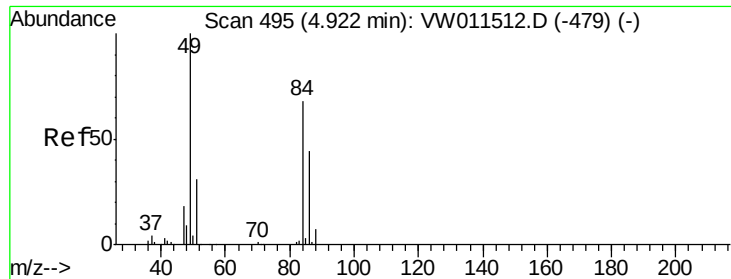
58 24.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

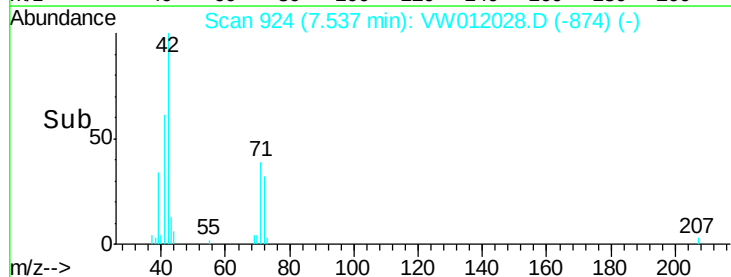
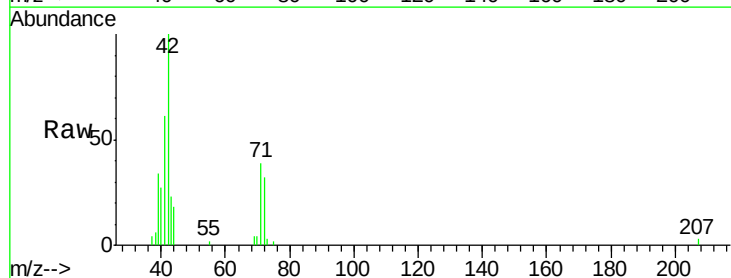
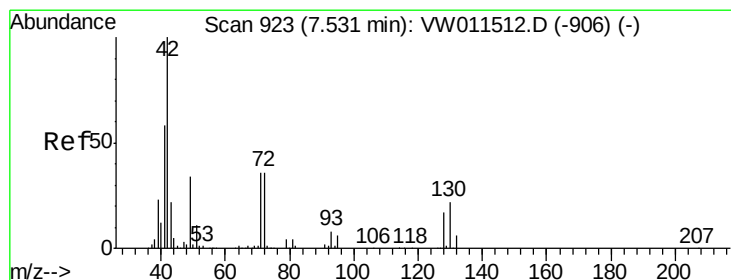
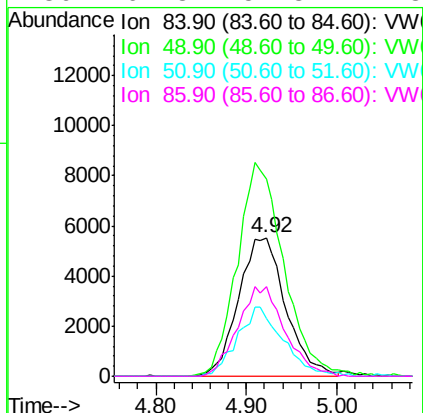




#20
Methylene Chloride
Concen: 6.061 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW012028.D
Acq: 20 Aug 2019 13:44

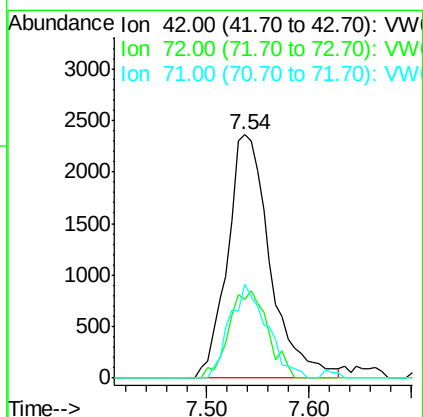
Instrument :
MSVOA_W
ClientSampleId :
T6-A2-(0)

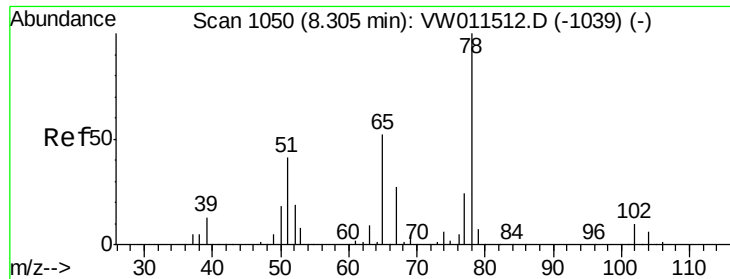
Tot Ion: 84	Resp: 19949
Ion Ratio	Lower Upper
84 100	
49 142.2	117.8 176.6
51 41.7	37.0 55.4
86 64.8	51.8 77.8



#29
Tetrahydrofuran
Concen: 9.589 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012028.D
Acq: 20 Aug 2019 13:44

Tgt	Ion: 42	Resp:	6845
Ion	Ratio	Lower	Upper
42	100		
72	32.8	27.1	40.7
71	33.7	26.2	39.4

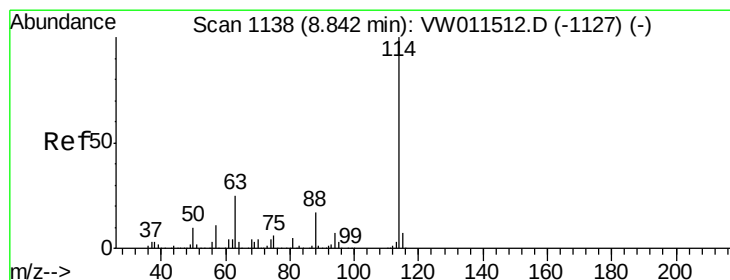
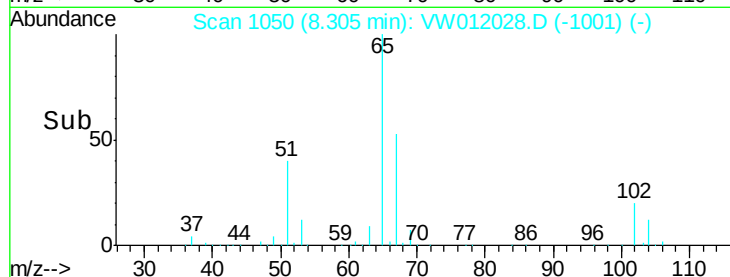
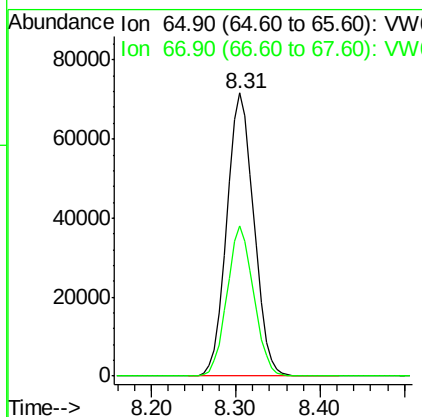
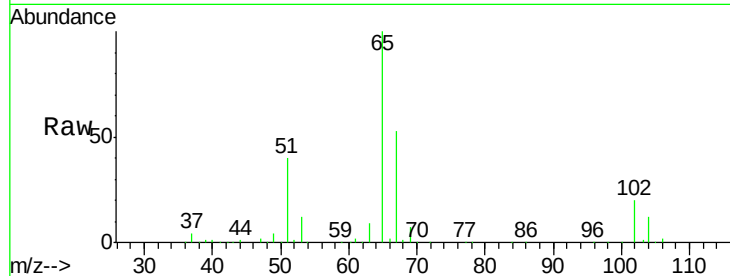




#33
 1,2-Dichloroethane-d4
 Concen: 52.228 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012028.D
 Acq: 20 Aug 2019 13:44

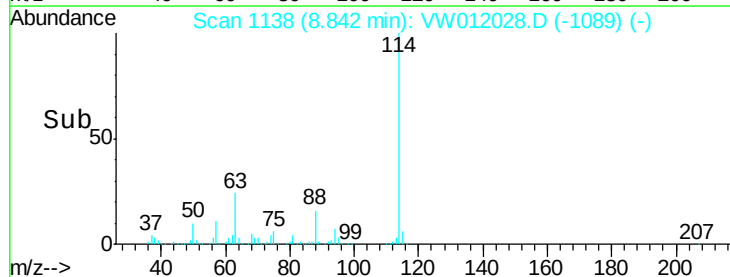
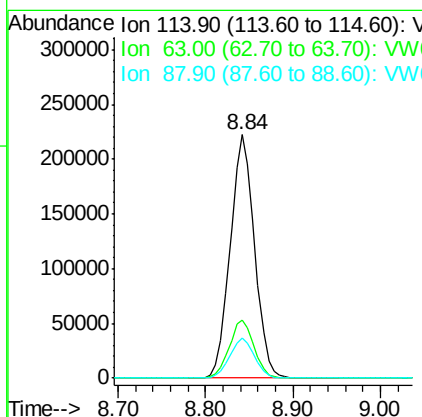
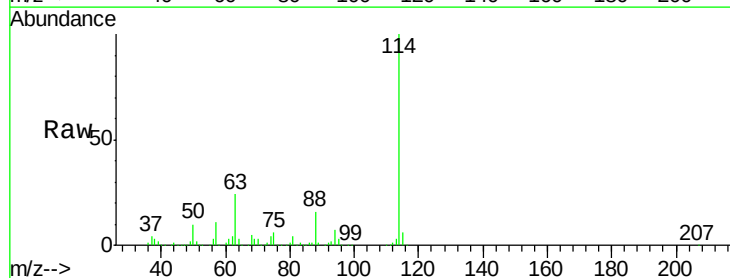
Instrument :
 MSVOA_W
 ClientSampleId :
 T6-A2-(0)

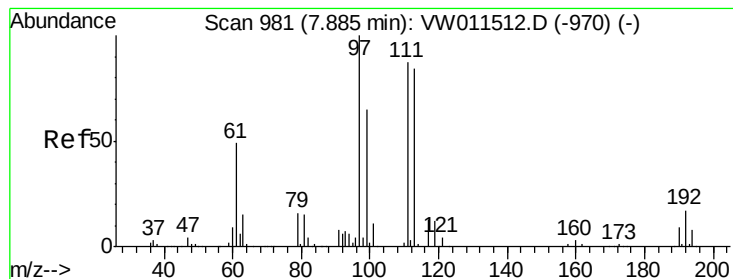
Tot Ion: 65 Resp: 156691
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012028.D
 Acq: 20 Aug 2019 13:44

Tgt Ion: 114 Resp: 429469
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 49.2
 88 16.5 0.0 33.8





#35

Dibromofluoromethane

Concen: 52.976 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012028.D

Acq: 20 Aug 2019 13:44

Instrument :

MSVOA_W

ClientSampleId :

T6-A2-(0)

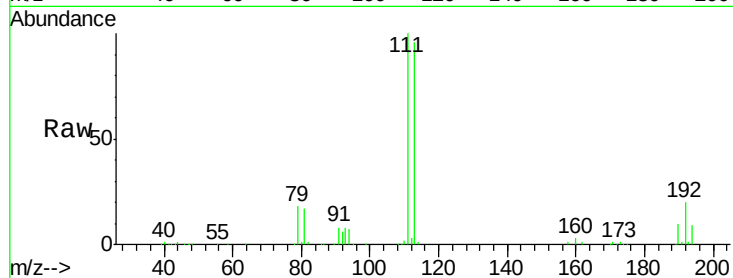
Tot Ion:113 Resp: 127640

Ion Ratio Lower Upper

113 100

111 103.0 82.7 124.1

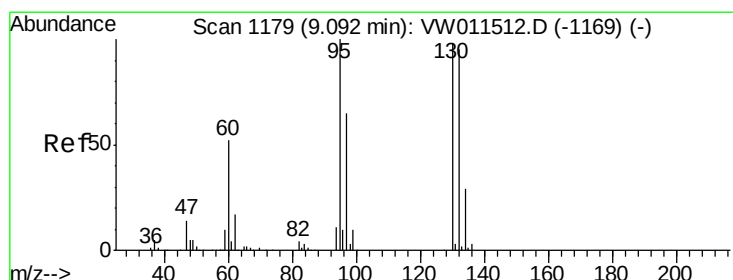
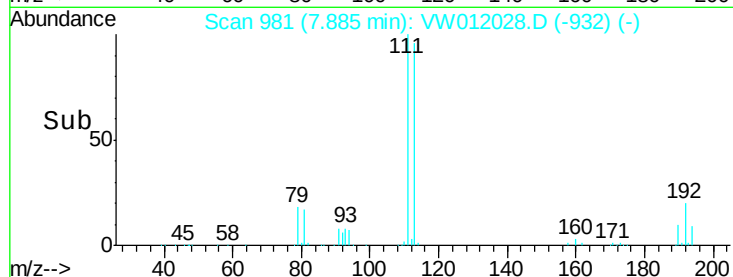
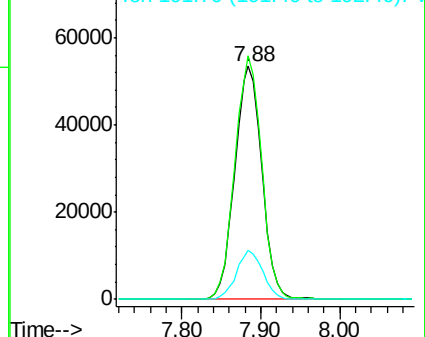
192 20.4 16.1 24.1



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



#44

Trichloroethene

Concen: 1.794 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW012028.D

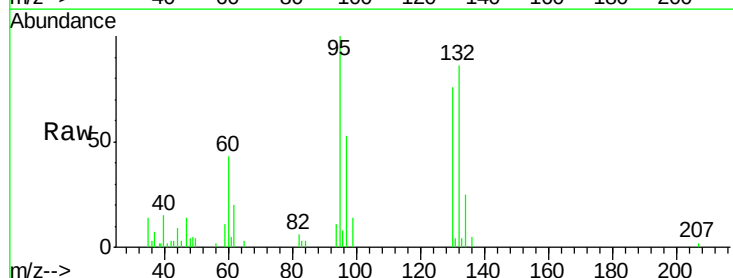
Acq: 20 Aug 2019 13:44

Tgt Ion:130 Resp: 5393

Ion Ratio Lower Upper

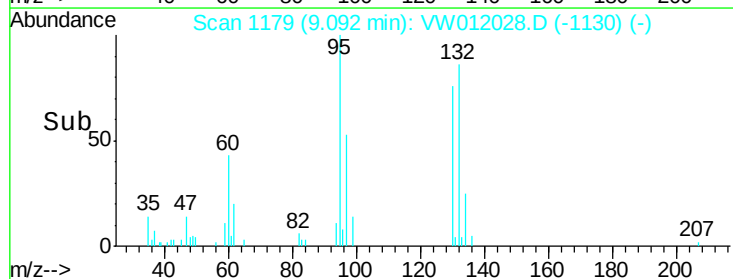
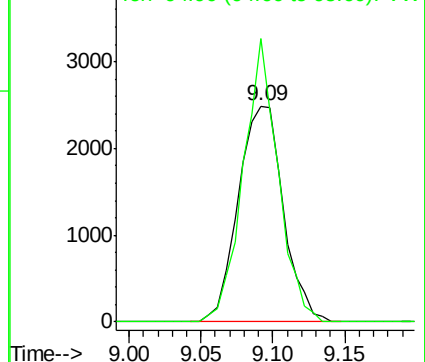
130 100

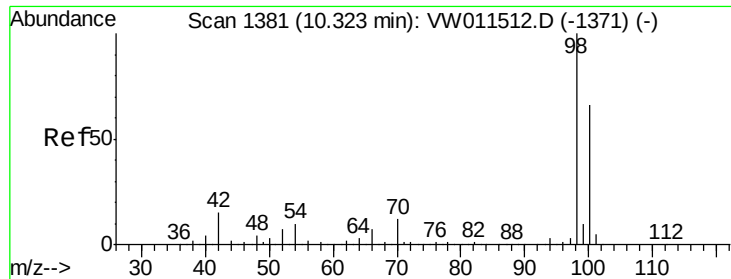
95 130.9 0.0 204.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

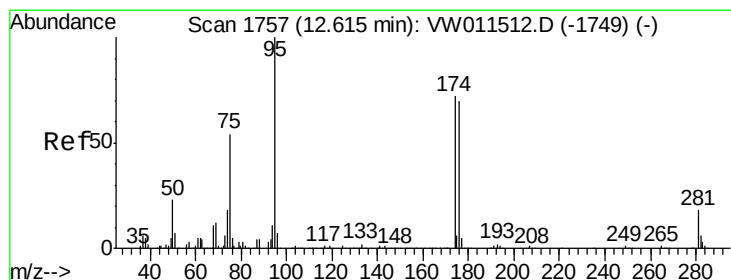
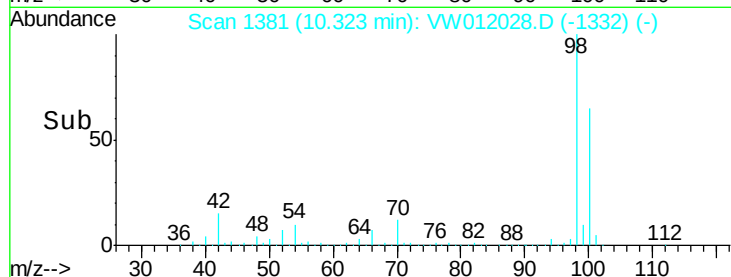
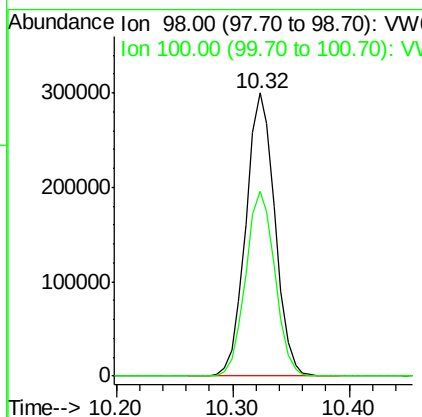
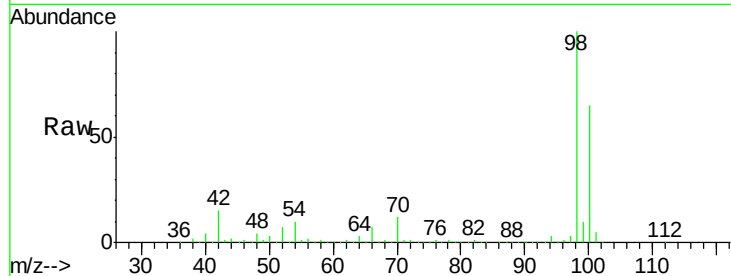




#50
Toluene-d8
Concen: 52.892 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012028.D
Acq: 20 Aug 2019 13:44

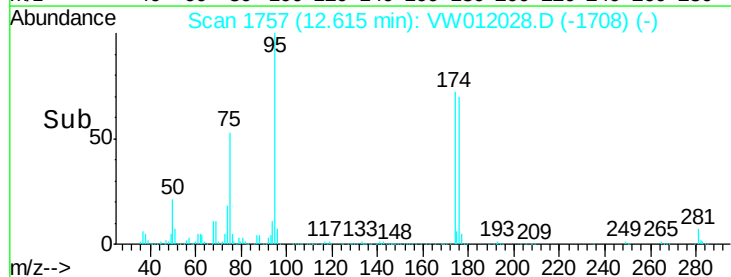
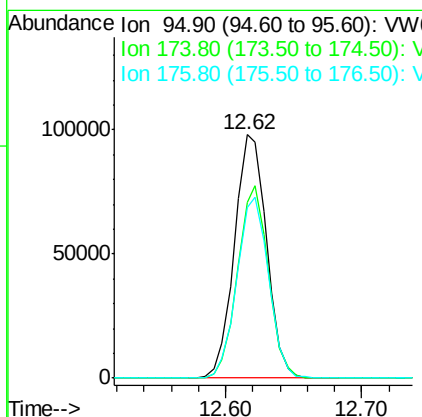
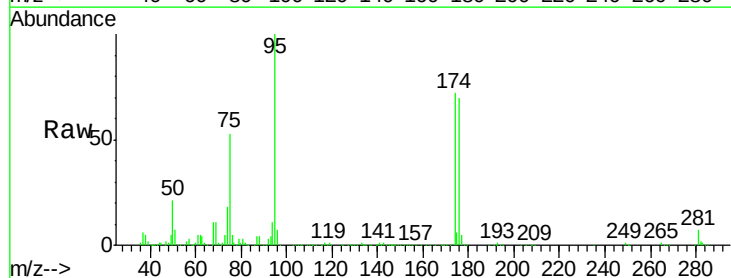
Instrument :
MSVOA_W
ClientSampleId :
T6-A2-(0)

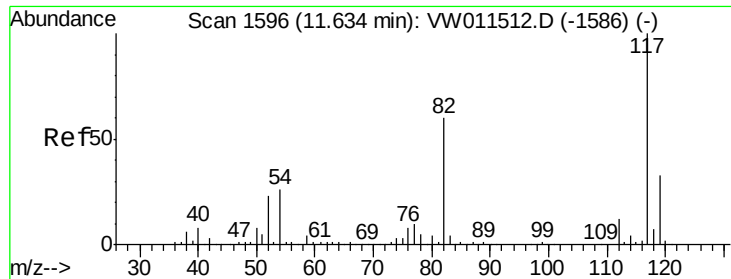
Tot Ion: 98 Resp: 521768
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 45.683 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012028.D
Acq: 20 Aug 2019 13:44

Tgt Ion: 95 Resp: 160666
Ion Ratio Lower Upper
95 100
174 76.2 0.0 150.2
176 73.7 0.0 144.4

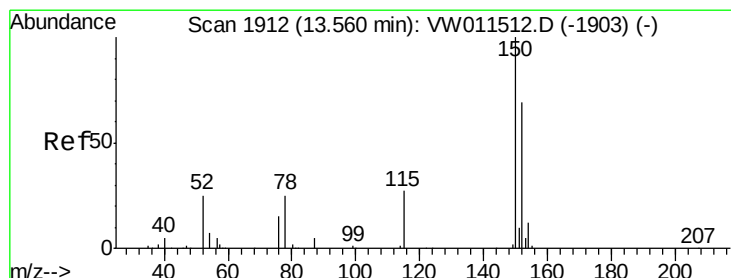
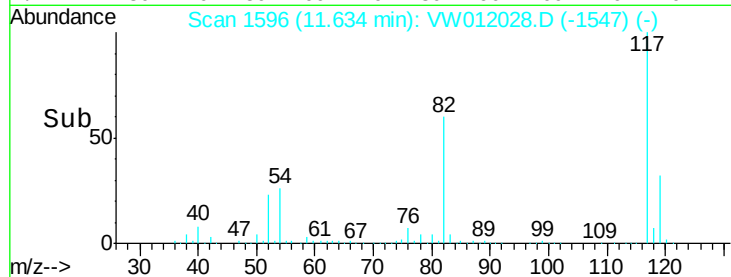
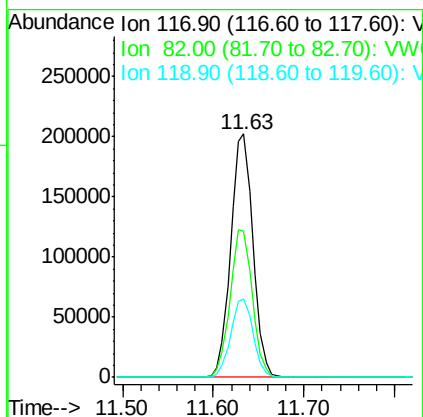
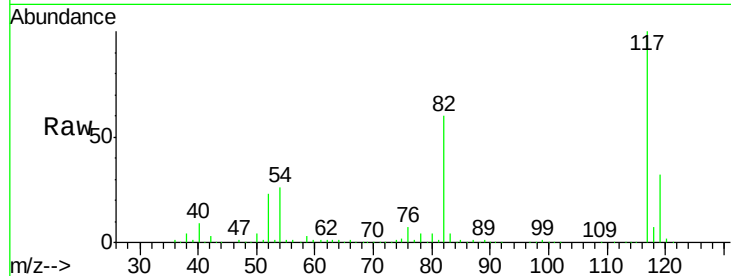




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW012028.D
Acq: 20 Aug 2019 13:44

Instrument :
MSVOA_W
ClientSampleId :
T6-A2-(0)

Tot Ion:117 Resp: 347313
Ion Ratio Lower Upper
117 100
82 60.2 47.9 71.9
119 32.3 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012028.D
Acq: 20 Aug 2019 13:44

Tgt Ion:152 Resp: 133461
Ion Ratio Lower Upper
152 100
115 60.0 30.5 91.5
150 156.4 0.0 352.6

