

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100919\
 Data File : VW013511.D
 Acq On : 09 Oct 2019 18:18
 Operator : SY/VA
 Sample : K5292-04
 Misc : 4.98G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 20190857-AMENDED-COMP-D

Quant Time: Oct 10 03:37:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 05:54:09 2019
 Response via : Initial Calibration

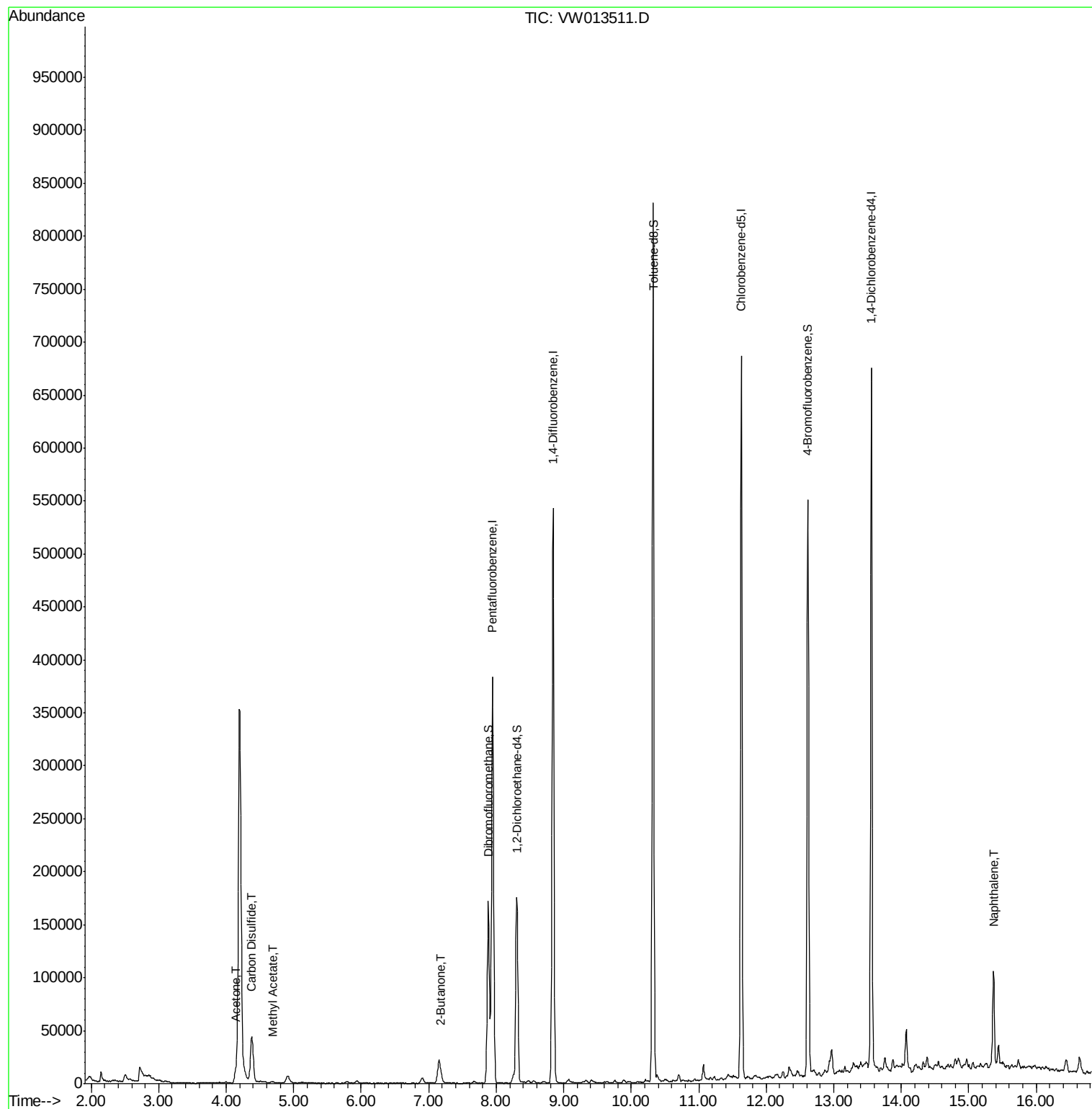
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	325970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	486059	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	416606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	191331	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	137851	54.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.48%	
35) Dibromofluoromethane	7.88	113	124773	45.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.92%	
50) Toluene-d8	10.32	98	561154	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	12.62	95	183819	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
Target Compounds						
16) Acetone	4.14	43	25136	42.890	ug/l	93
17) Carbon Disulfide	4.38	76	99978	12.590	ug/l	99
18) Methyl Acetate	4.68	43	2494	1.486	ug/l	93
25) 2-Butanone	7.18	43	6891	7.978	ug/l	91
95) Naphthalene	15.36	128	80497	12.107	ug/l	100

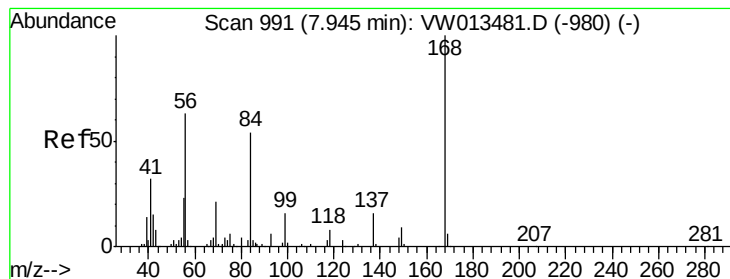
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100919\
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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: VW013511.D

Acq: 09 Oct 2019 18:18

Instrument :

MSVOA_W

ClientSampleId :

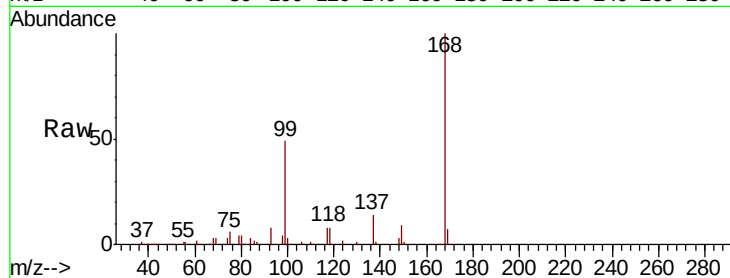
20190857-AMENDED-COMP-D

Tot Ion:168 Resp: 325970

Ion Ratio Lower Upper

168 100

99 49.4 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

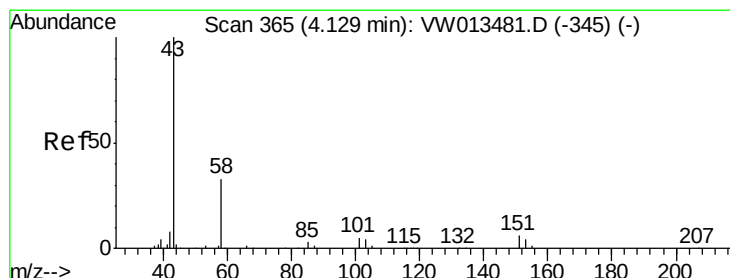
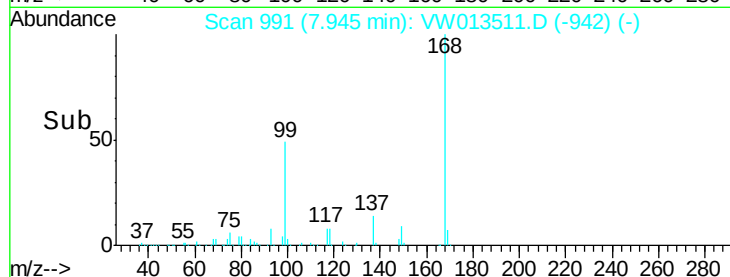
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 42.890 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW013511.D

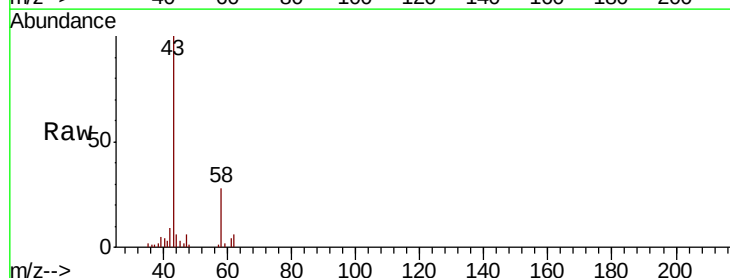
Acq: 09 Oct 2019 18:18

Tgt Ion: 43 Resp: 25136

Ion Ratio Lower Upper

43 100

58 28.4 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

8000

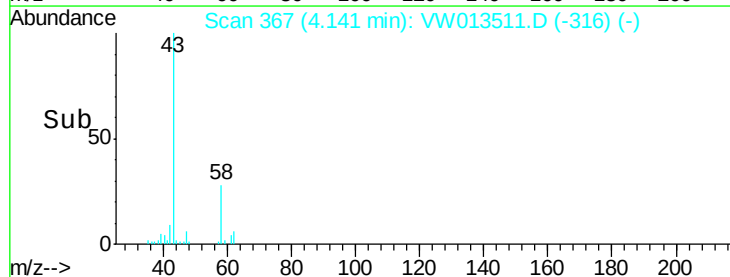
6000

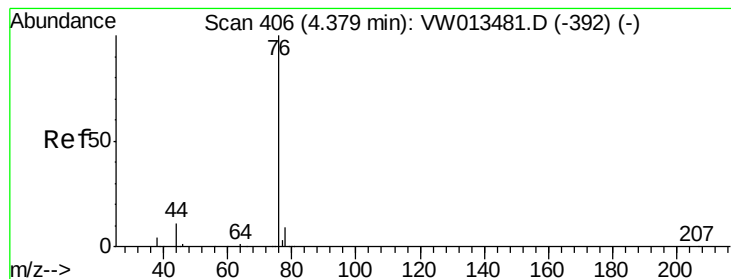
4000

2000

0

Time-->





#17

Carbon Disulfide

Concen: 12.590 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW013511.D

Acq: 09 Oct 2019 18:18

Instrument :

MSVOA_W

ClientSampleId :

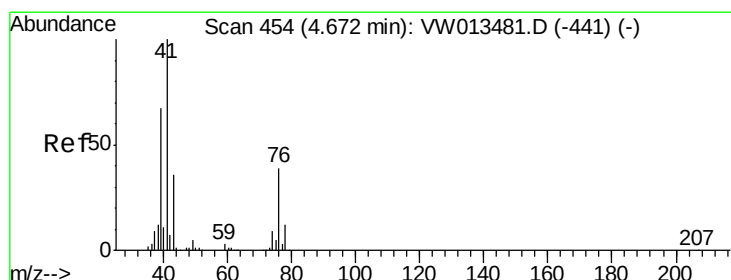
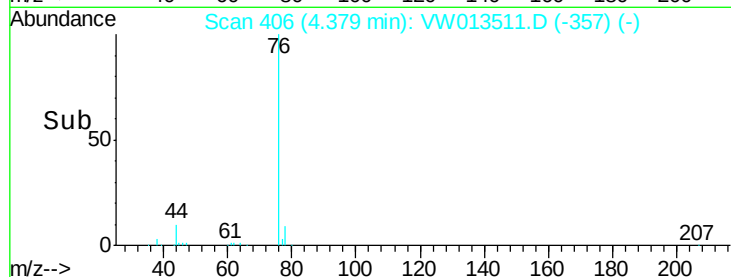
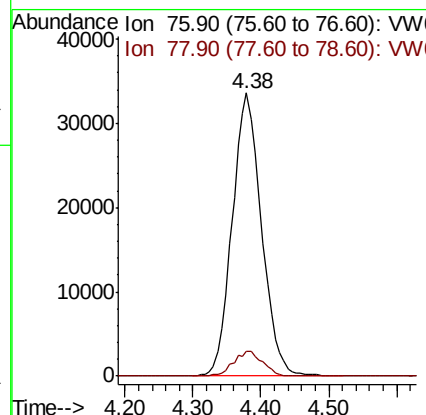
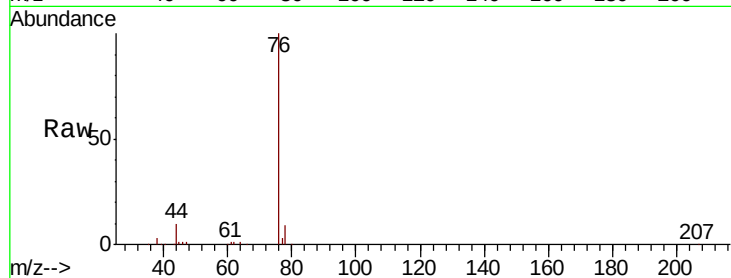
20190857-AMENDED-COMP-D

Tot Ion: 76 Resp: 99978

Ion Ratio Lower Upper

76 100

78 8.6 7.1 10.7



#18

Methyl Acetate

Concen: 1.486 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW013511.D

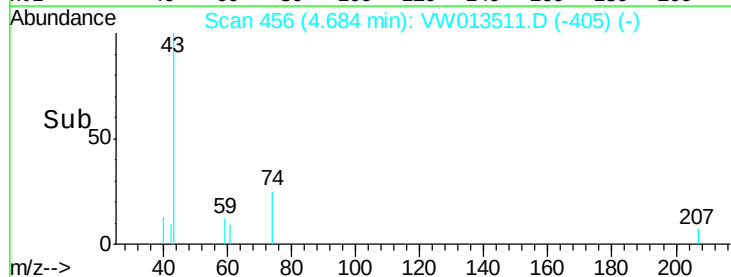
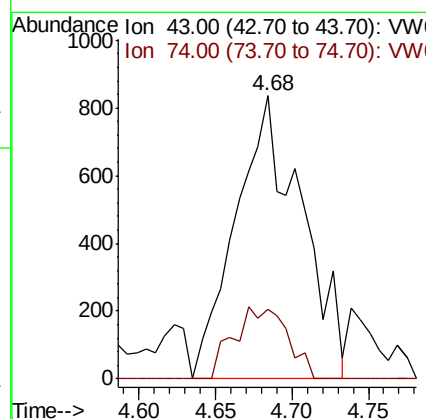
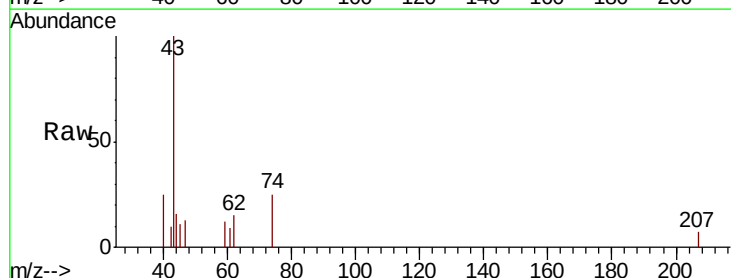
Acq: 09 Oct 2019 18:18

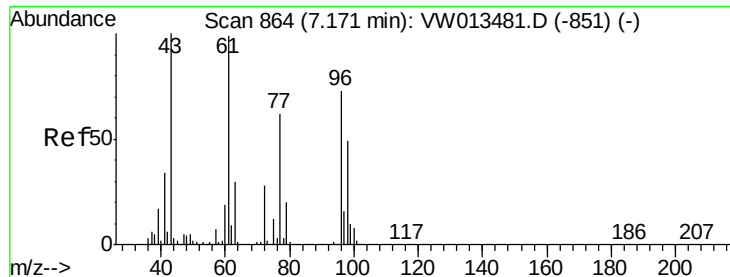
Tgt Ion: 43 Resp: 2494

Ion Ratio Lower Upper

43 100

74 20.8 19.6 29.4





#25

2-Butanone

Concen: 7.978 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW013511.D

Acq: 09 Oct 2019 18:18

Instrument :

MSVOA_W

ClientSampleId :

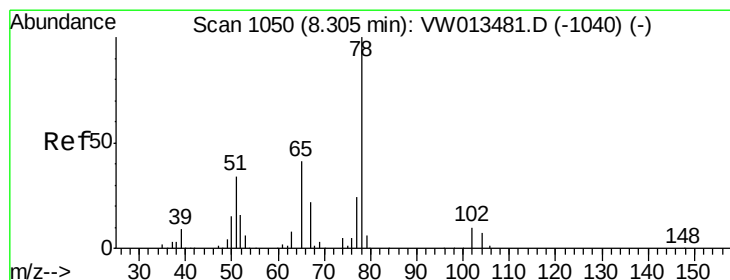
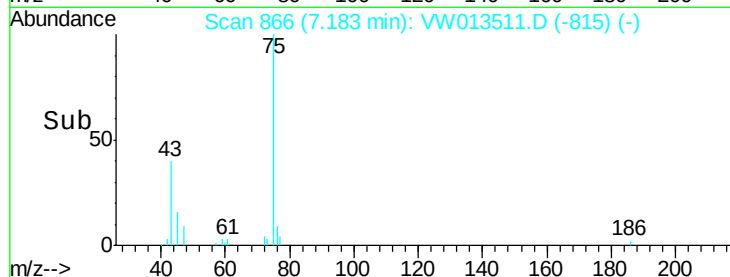
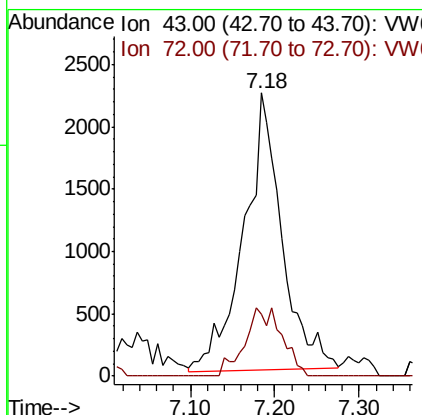
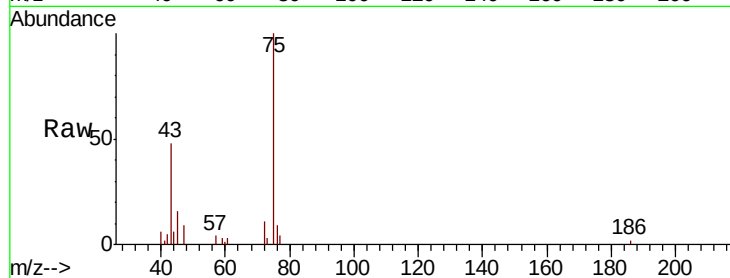
20190857-AMENDED-COMP-D

Tot Ion: 43 Resp: 6891

Ion Ratio Lower Upper

43 100

72 22.7 22.1 33.1



#33

1,2-Dichloroethane-d4

Concen: 54.737 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013511.D

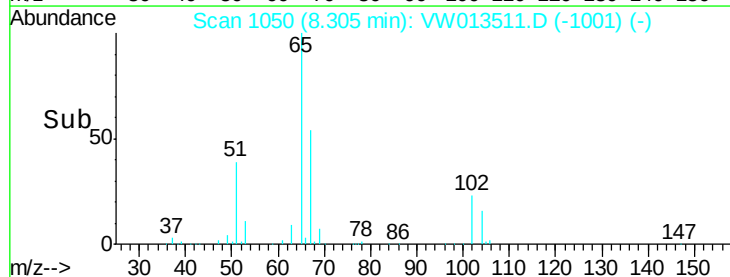
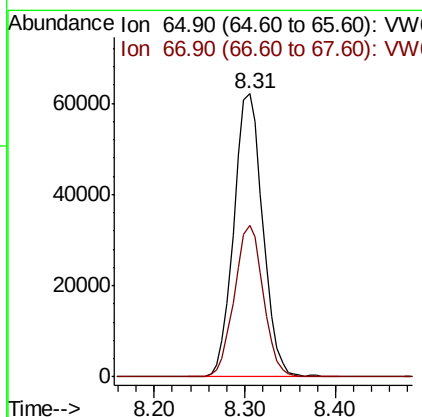
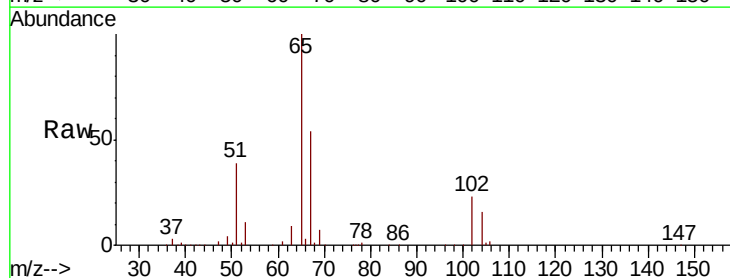
Acq: 09 Oct 2019 18:18

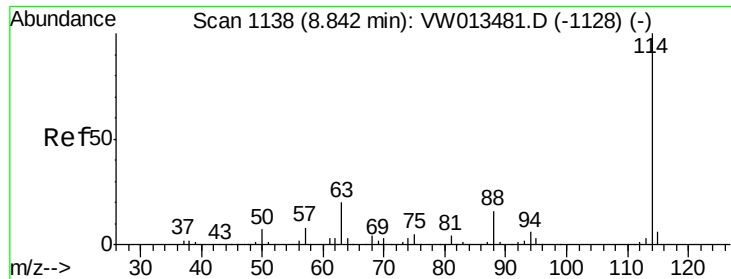
Tgt Ion: 65 Resp: 137851

Ion Ratio Lower Upper

65 100

67 53.5 0.0 109.4

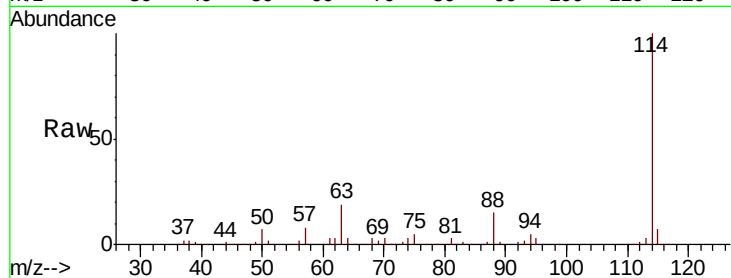




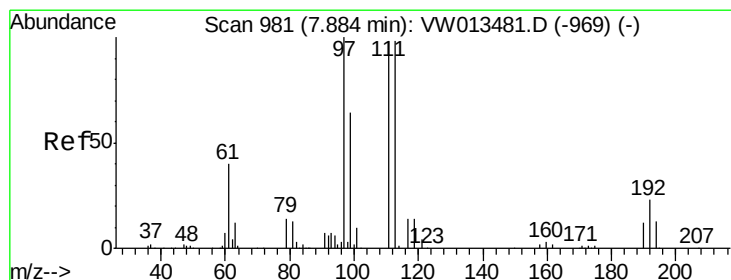
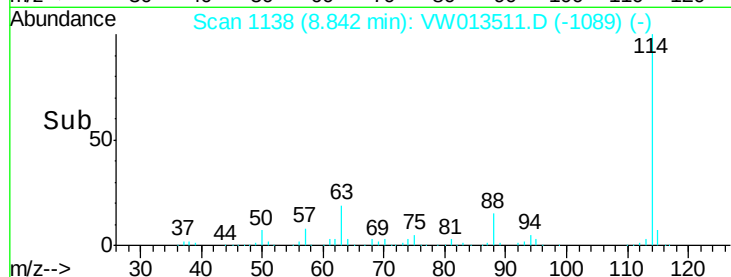
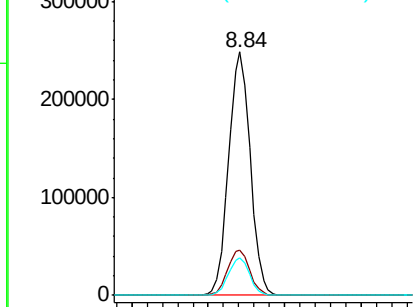
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW013511.D
Acq: 09 Oct 2019 18:18

Instrument :
MSVOA_W
ClientSampleId :
20190857-AMENDED-COMP-D

Tot Ion:114 Resp: 486059
Ion Ratio Lower Upper
114 100
63 18.8 0.0 40.4
88 15.3 0.0 31.4

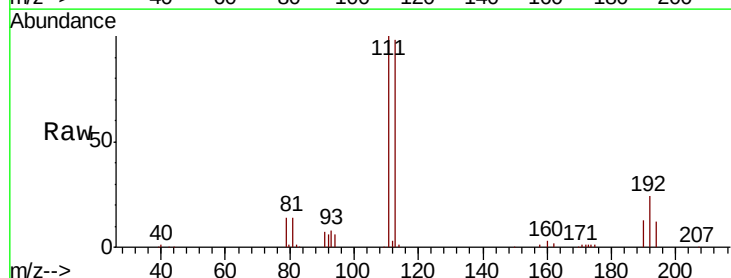


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

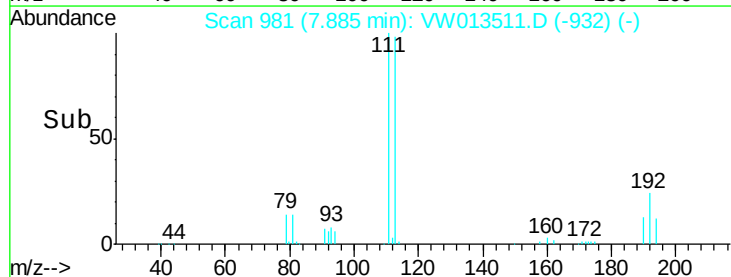
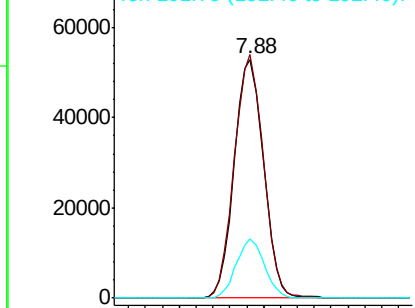


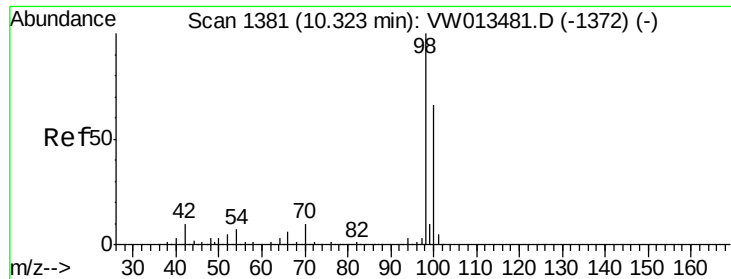
#35
Dibromofluoromethane
Concen: 45.961 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW013511.D
Acq: 09 Oct 2019 18:18

Tgt Ion:113 Resp: 124773
Ion Ratio Lower Upper
113 100
111 101.3 82.3 123.5
192 24.0 19.3 28.9



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

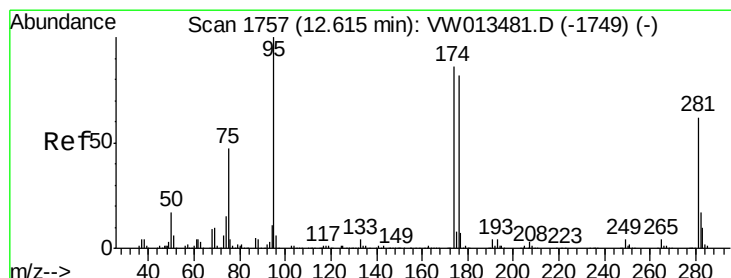
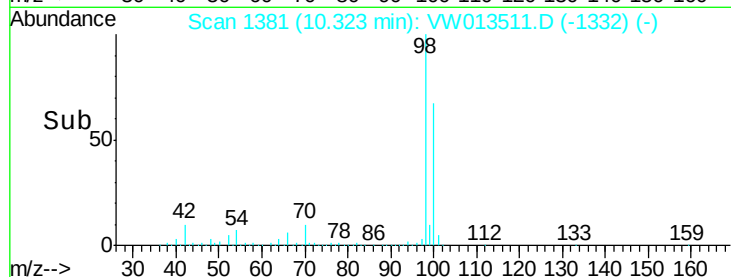
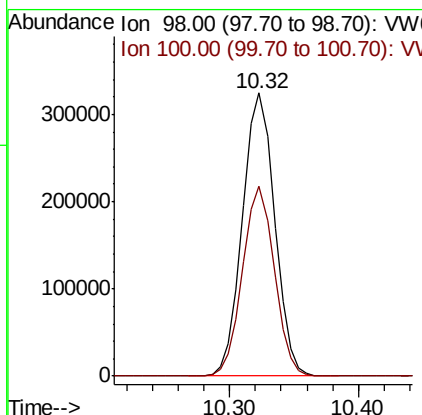
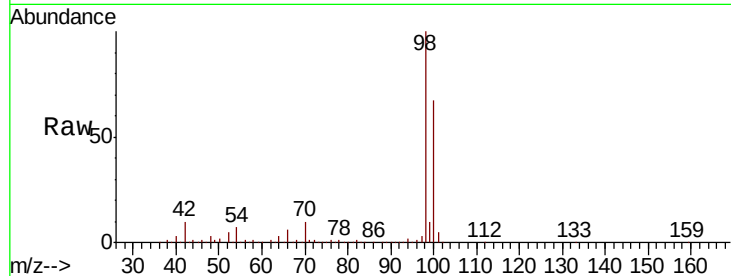




#50
Toluene-d8
Concen: 49.187 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013511.D
Acq: 09 Oct 2019 18:18

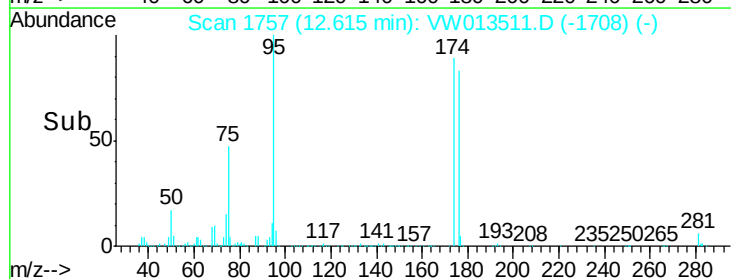
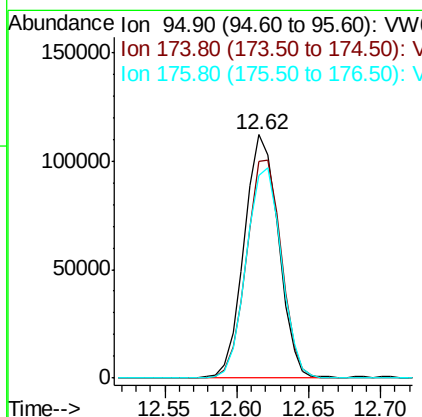
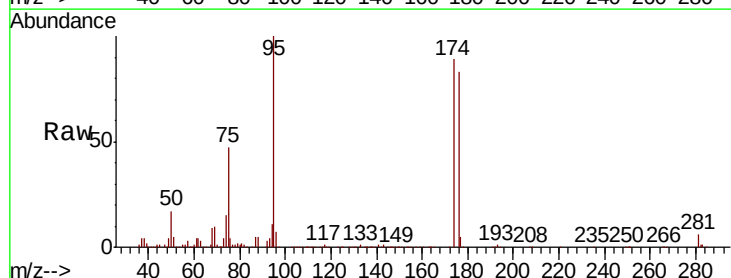
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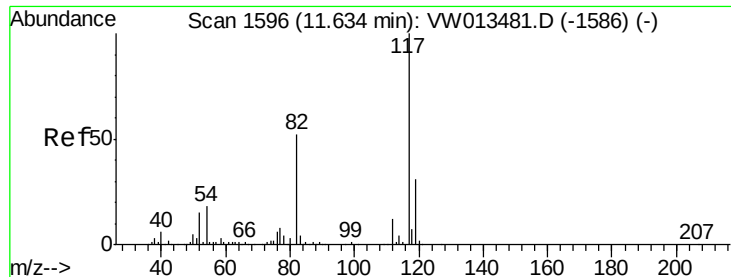
Tot Ion: 98 Resp: 561154
Ion Ratio Lower Upper
98 100
100 66.2 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 47.963 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013511.D
Acq: 09 Oct 2019 18:18

Tgt Ion: 95 Resp: 183819
Ion Ratio Lower Upper
95 100
174 91.3 0.0 177.4
176 88.6 0.0 173.4

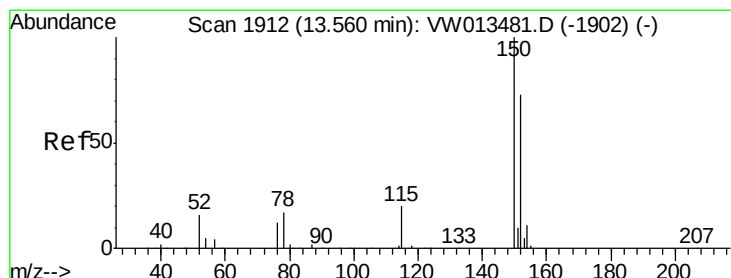
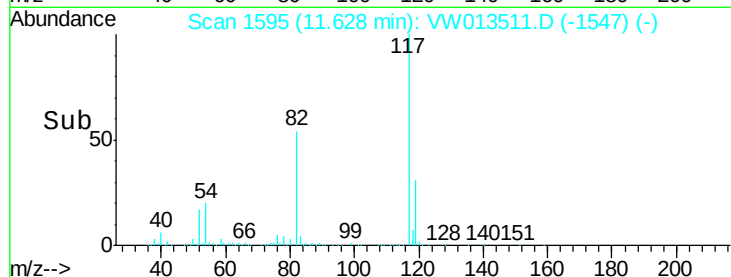
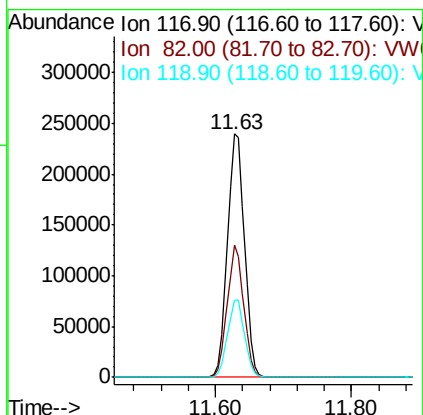
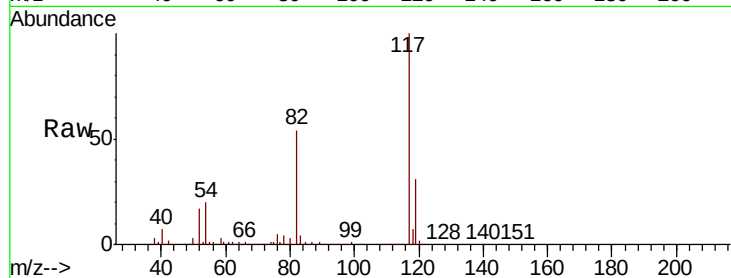




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013511.D
Acq: 09 Oct 2019 18:18

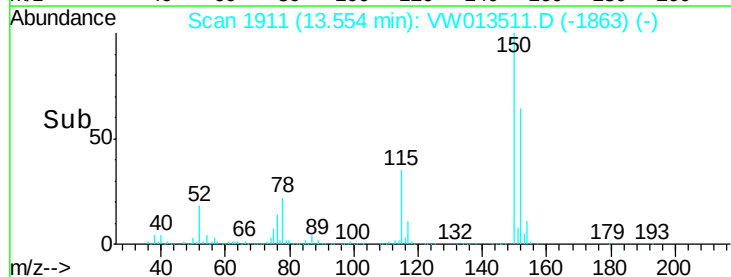
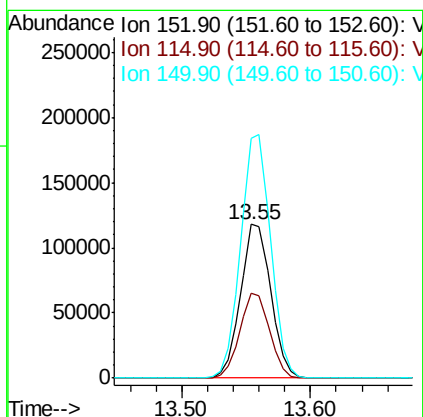
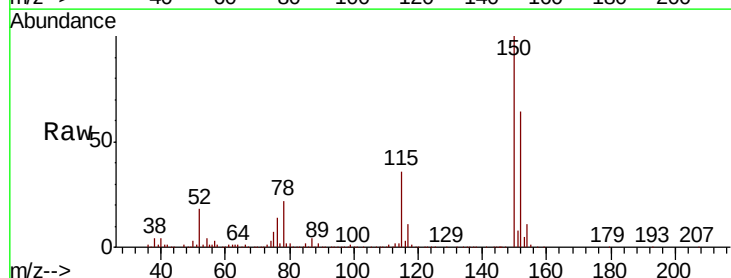
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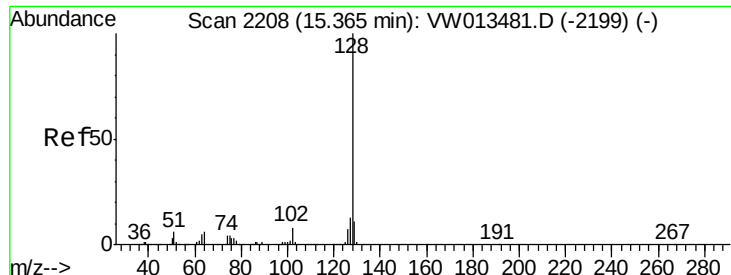
Tot Ion:117 Resp: 416606
Ion Ratio Lower Upper
117 100
82 54.4 41.4 62.2
119 31.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013511.D
Acq: 09 Oct 2019 18:18

Tgt Ion:152 Resp: 191331
Ion Ratio Lower Upper
152 100
115 54.2 27.0 81.0
150 156.9 0.0 337.4





#95
Naphthalene
Concen: 12.107 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW013511.D
Acq: 09 Oct 2019 18:18

Instrument :
MSVOA_W
ClientSampleId :
20190857-AMENDED-COMP-D

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	11.2	8.8	13.2

