

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090319\
 Data File : VW012544.D
 Acq On : 03 Sep 2019 14:12
 Operator : SY/VA
 Sample : K4647-02
 Misc : 6.61G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S400-K1-1.0-1.5-082619

Manual Integrations
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MMDadoda
 9/4/2019 9:35:12 AM

Quant Time: Sep 03 14:56:16 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	203797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	323491	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	230423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	60659	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	123177	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
35) Dibromofluoromethane	7.88	113	98673	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
50) Toluene-d8	10.32	98	379017	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
62) 4-Bromofluorobenzene	12.62	95	91505	33.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.32%	
Target Compounds						
16) Acetone	4.13	43	45396	73.305	ug/l	97
20) Methylene Chloride	4.91	84	22089	9.435	ug/l	95
25) 2-Butanone	7.19	43	3613m	4.293	ug/l	
29) Tetrahydrofuran	7.54	42	4244	8.406	ug/l	98

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

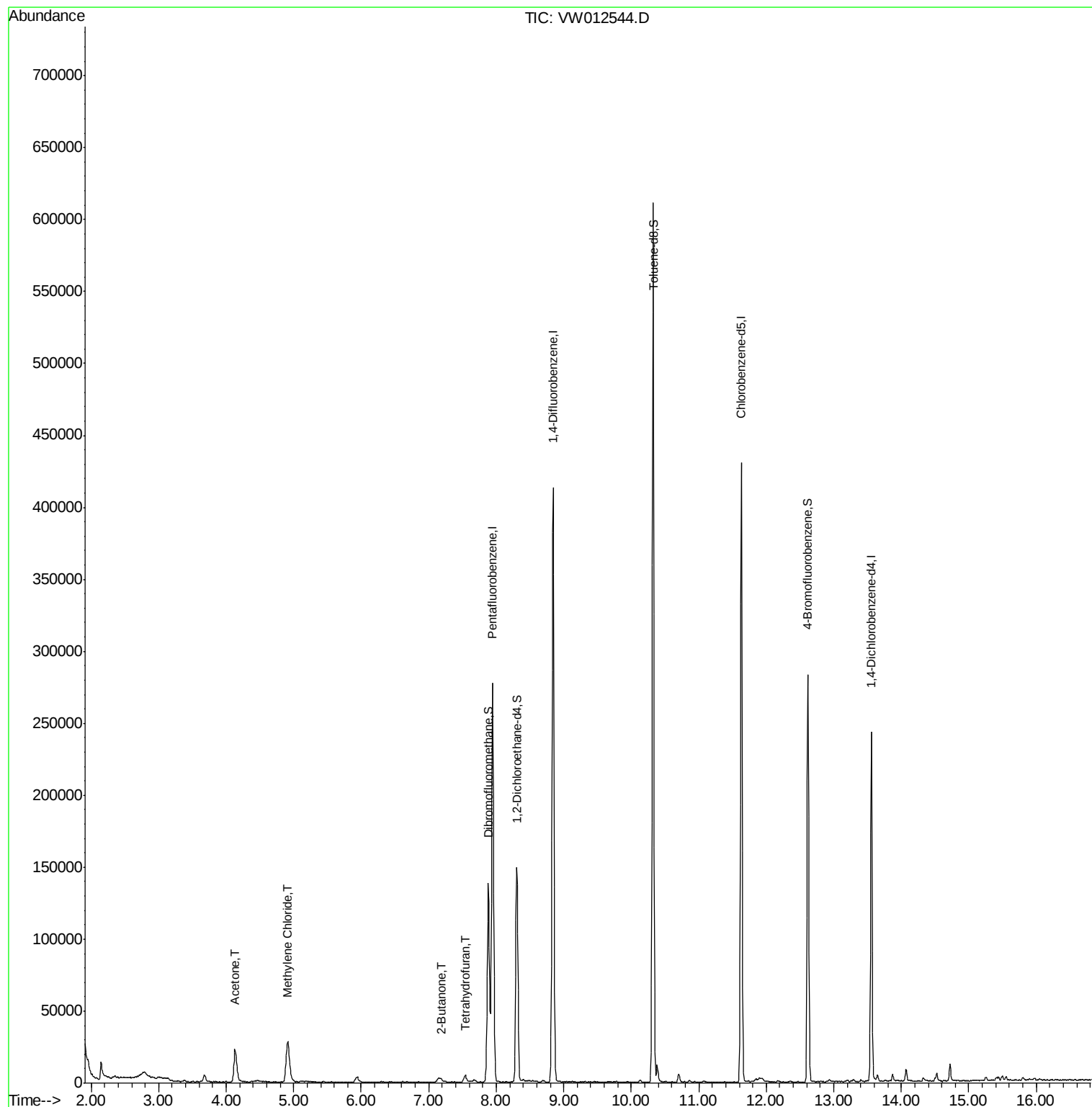
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090319\
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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012544.D

Acq: 03 Sep 2019 14:12

Instrument :

MSVOA_W

ClientSampleId :

S400-K1-1.0-1.5-082619

Tot Ion:168 Resp: 203797

Ion Ratio Lower Upper

168 100

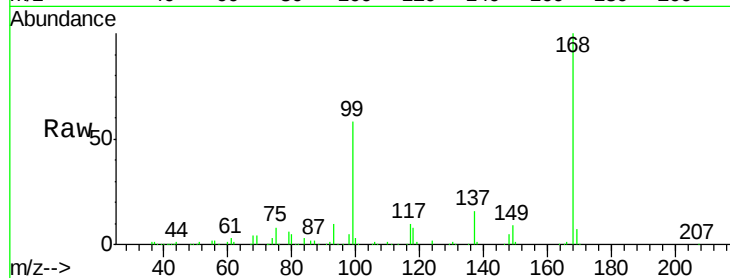
99 57.8 49.2 73.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

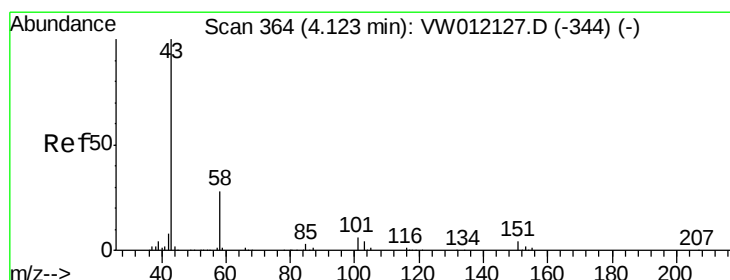
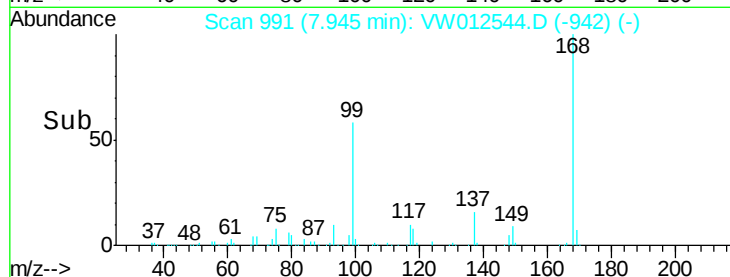
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 73.305 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012544.D

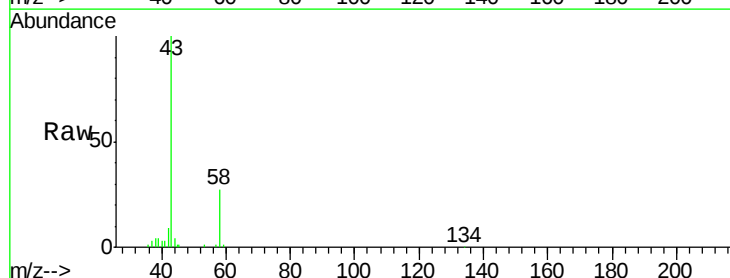
Acq: 03 Sep 2019 14:12

Tgt Ion: 43 Resp: 45396

Ion Ratio Lower Upper

43 100

58 26.6 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

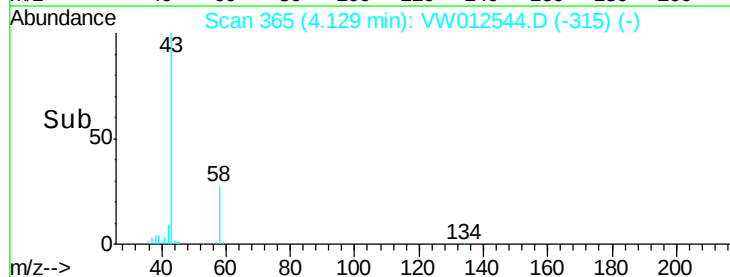
15000

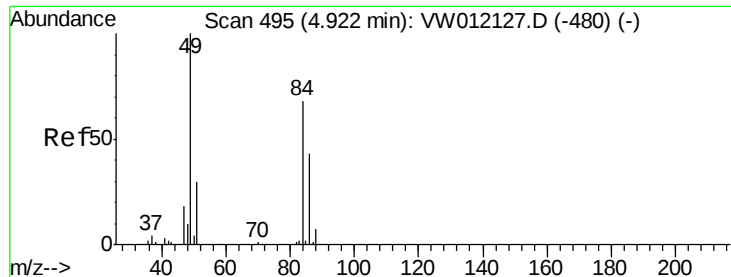
10000

5000

0

Time--> 4.00 4.10 4.20 4.30





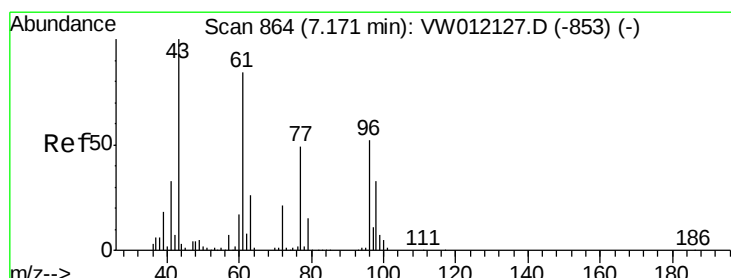
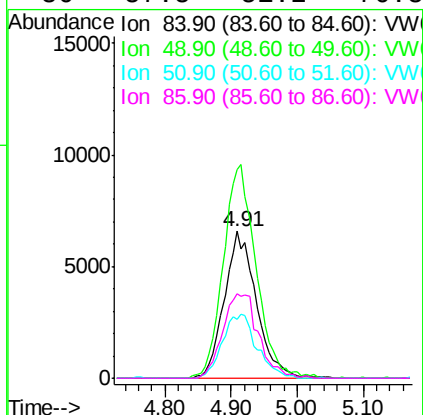
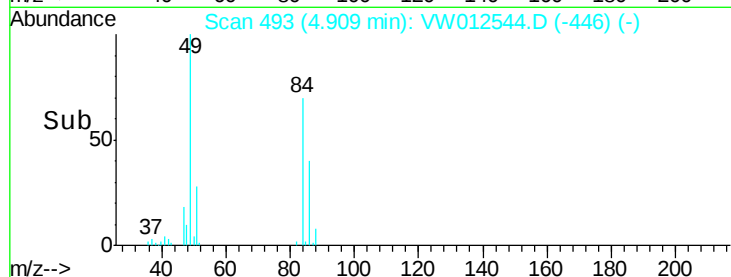
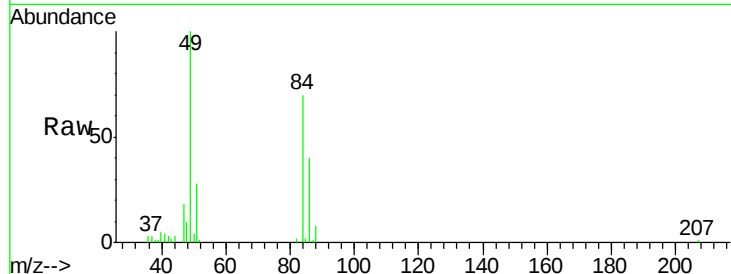
#20
Methvlene Chloride
Concen: 9.435 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012544.D
Acq: 03 Sep 2019 14:12

Instrument :
MSVOA_W
ClientSampleId :
S400-K1-1.0-1.5-082619

Tot Ion:	84	Resp:	22089
Ion	Ratio	Lower	Upper
84	100		
49	142.2	117.8	176.8
51	40.4	35.6	53.4
86	57.5	51.2	76.8

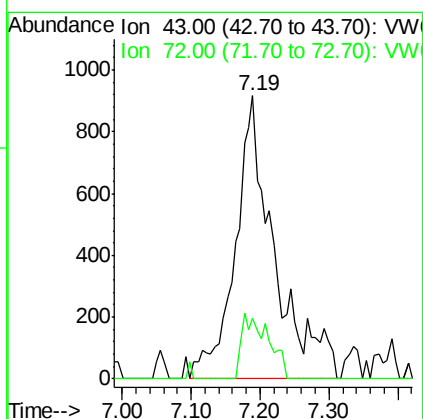
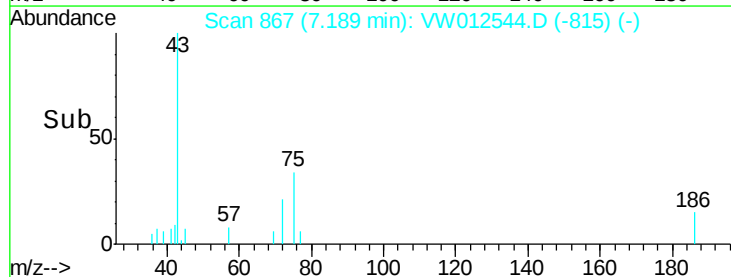
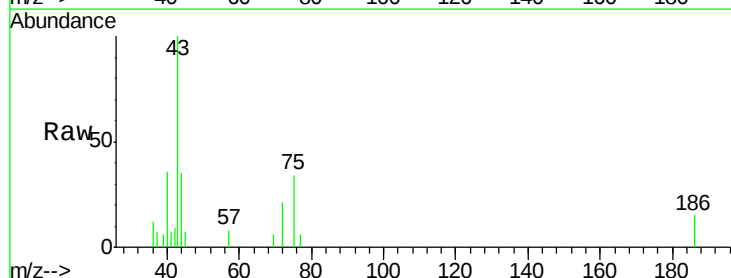
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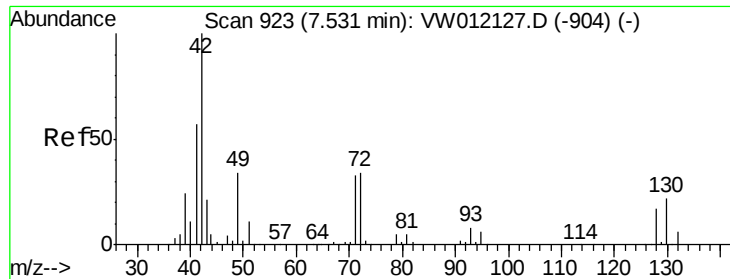
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#25
2-Butanone
Concen: 4.293 ug/l m
RT: 7.19 min Scan# 867
Delta R.T. 0.02 min
Lab File: VW012544.D
Acq: 03 Sep 2019 14:12

Tgt Ion:	43	Resp:	3613
Ion	Ratio	Lower	Upper
43	100		
72	21.3	16.6	24.8





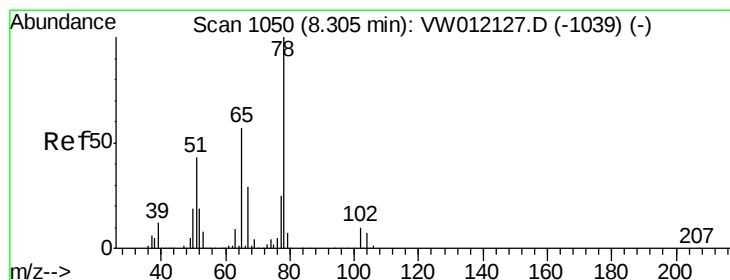
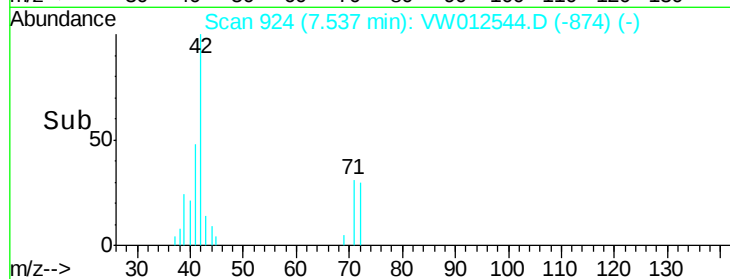
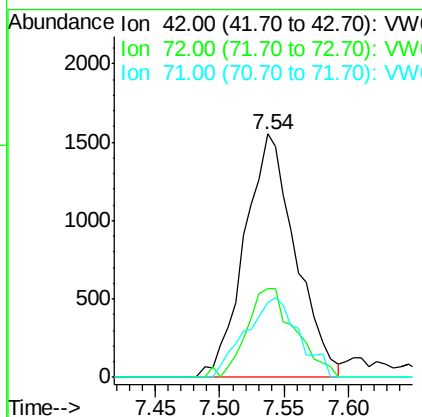
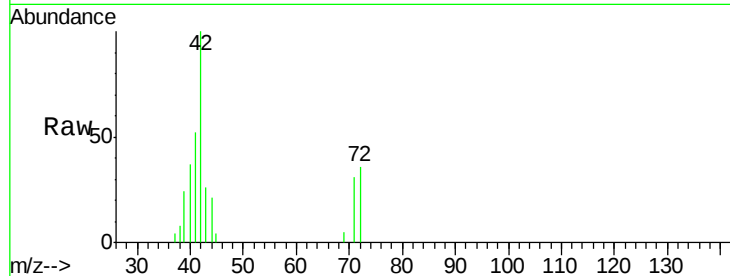
#29
Tetrahydrofuran
Concen: 8.406 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012544.D
Acq: 03 Sep 2019 14:12

Instrument :
MSVOA_W
ClientSampleId :
S400-K1-1.0-1.5-082619

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.7	27.3	40.9
71	34.1	25.5	38.3

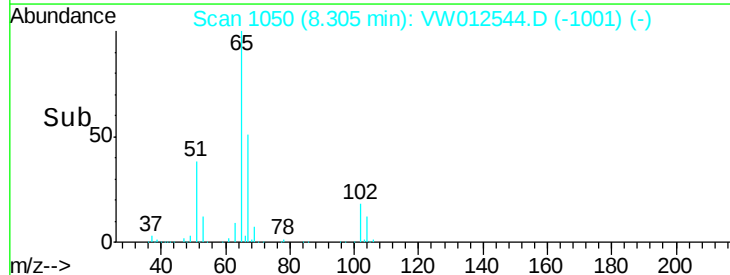
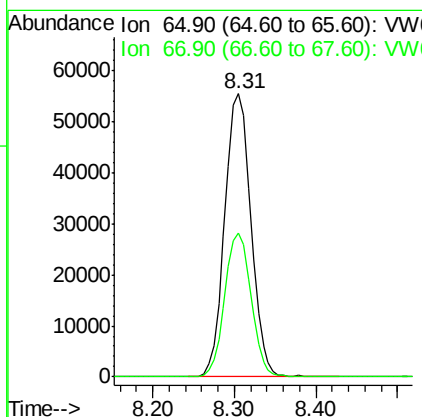
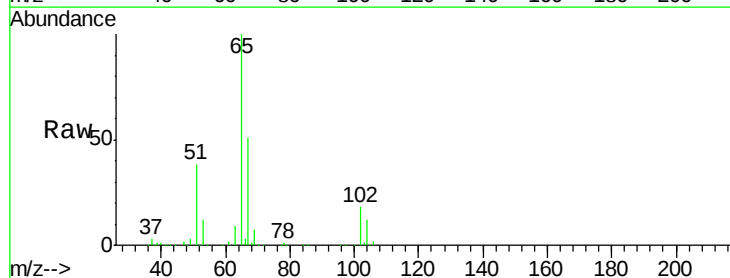
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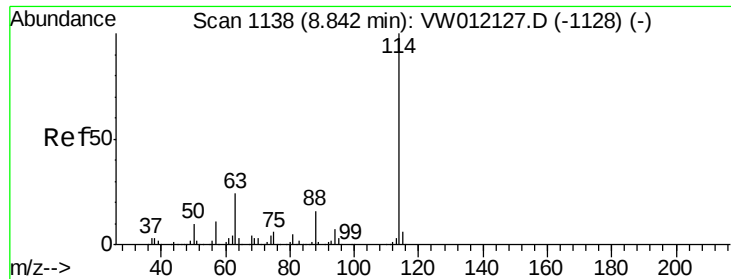
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#33
1,2-Dichloroethane-d4
Concen: 50.844 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012544.D
Acq: 03 Sep 2019 14:12

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	102.6





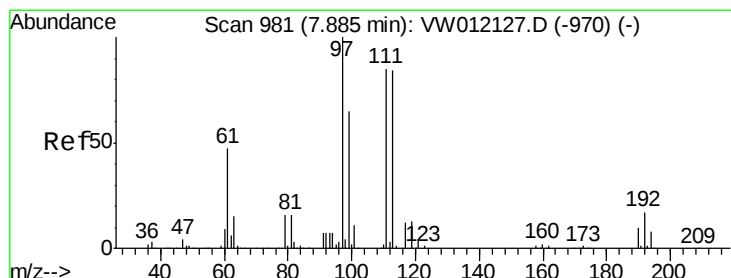
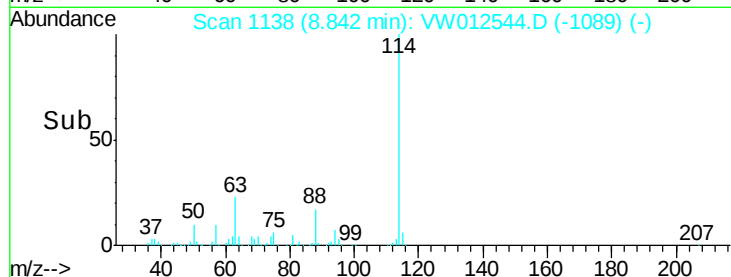
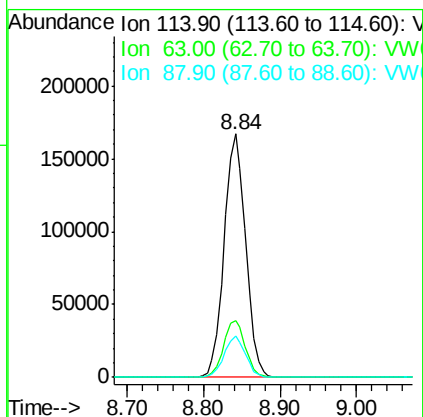
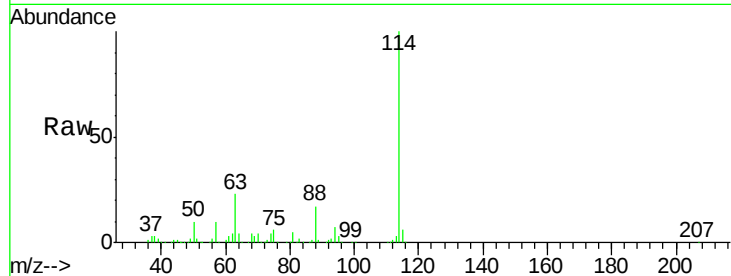
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012544.D
 Acq: 03 Sep 2019 14:12

Instrument :
 MSVOA_W
 ClientSampleId :
 S400-K1-1.0-1.5-082619

Tot Ion	Ratio	Resp	Lower	Upper
114	100	323491		
63	23.3	0.0	48.6	
88	17.0	0.0	32.2	

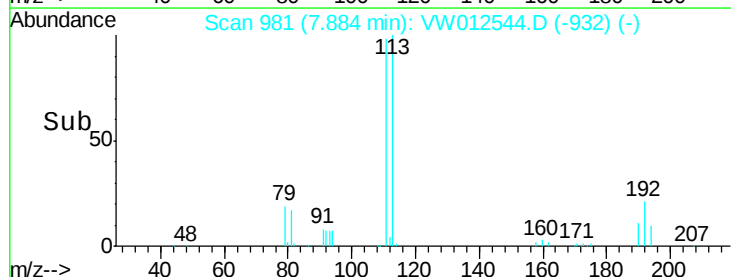
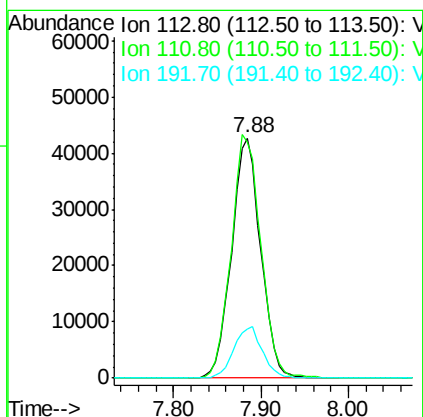
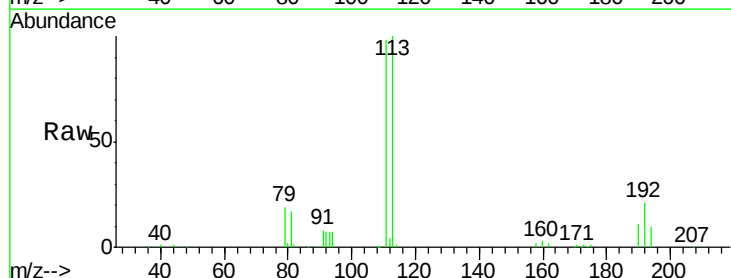
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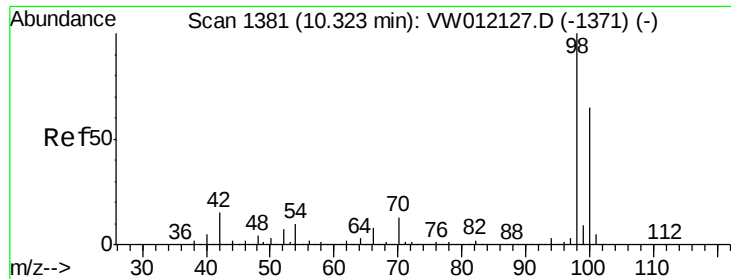
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#35
 Dibromofluoromethane
 Concen: 51.101 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012544.D
 Acq: 03 Sep 2019 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	98673		
111	103.4	82.7	124.1	
192	21.0	16.2	24.2	





#50

Toluene-d8

Concen: 48.410 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012544.D

Acq: 03 Sep 2019 14:12

Instrument :

MSVOA_W

ClientSampleId :

S400-K1-1.0-1.5-082619

Tot Ion: 98 Resp: 379017

Ion Ratio Lower Upper

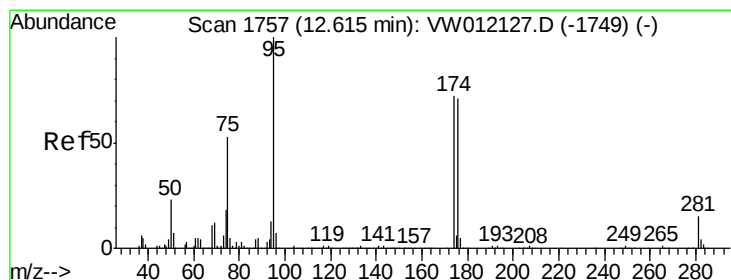
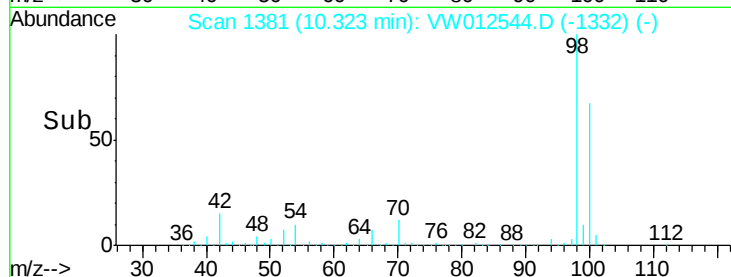
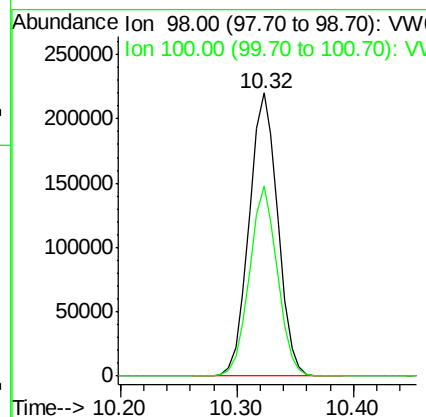
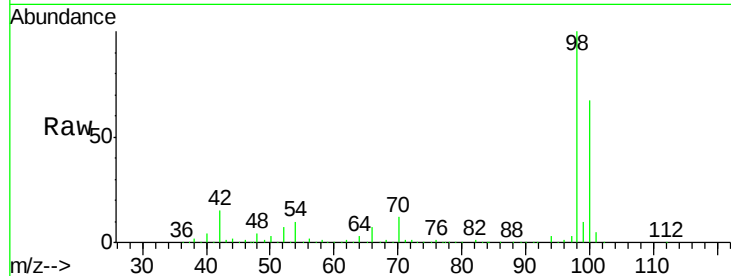
98 100

100 65.4 52.4 78.6

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#62

4-Bromofluorobenzene

Concen: 33.156 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012544.D

Acq: 03 Sep 2019 14:12

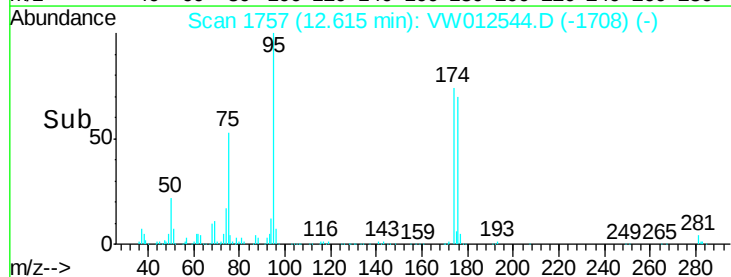
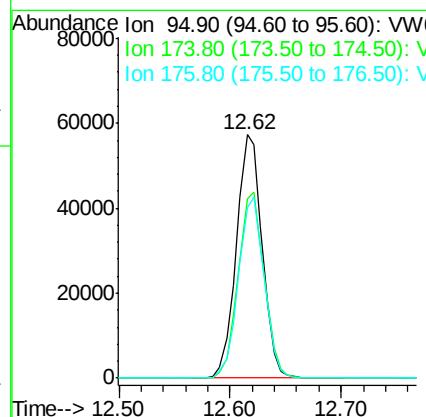
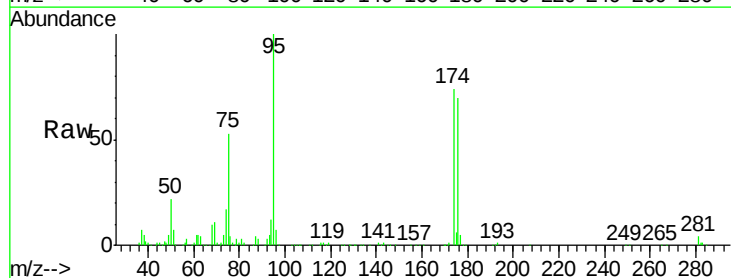
Tgt Ion: 95 Resp: 91505

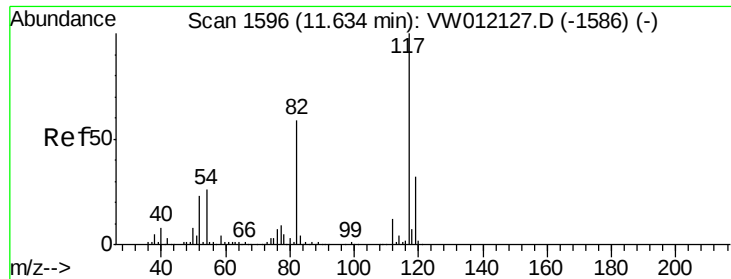
Ion Ratio Lower Upper

95 100

174 77.5 0.0 150.8

176 74.4 0.0 148.6





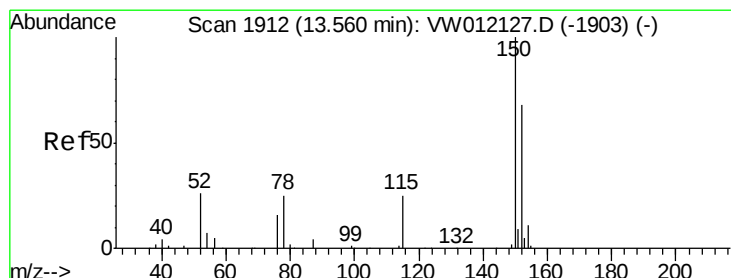
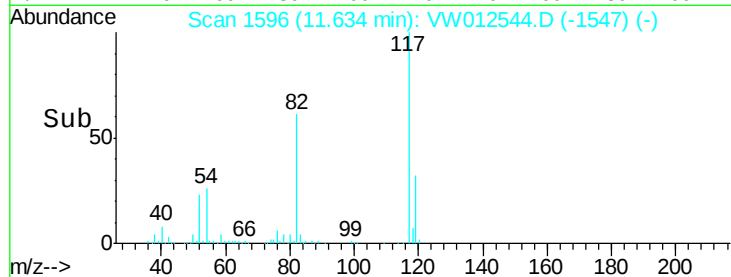
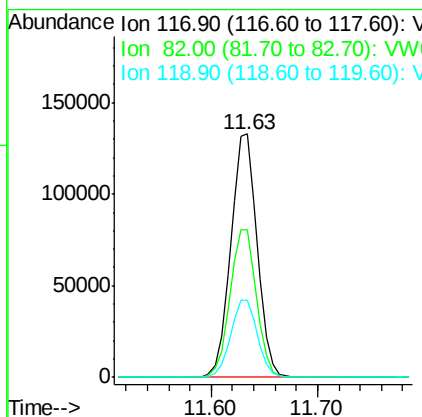
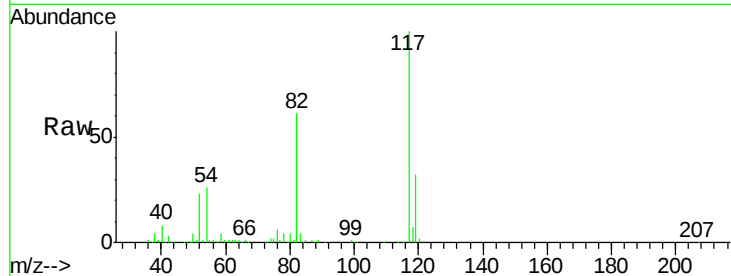
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012544.D
Acq: 03 Sep 2019 14:12

Instrument :
MSVOA_W
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S400-K1-1.0-1.5-082619

Tot Ion	Ratio	Resp	Lower	Upper
117	100	230423		
82	60.8	47.4	71.2	
119	31.6	25.4	38.2	

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012544.D
Acq: 03 Sep 2019 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	60659		
115	61.0	30.1	90.3	
150	160.0	0.0	345.8	

