

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120518\
 Data File : VW007247.D
 Acq On : 05 Dec 2018 22:10
 Operator : SY/AP
 Sample : J6231-01
 Misc : 7.7G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S49-0485

Quant Time: Dec 06 07:06:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

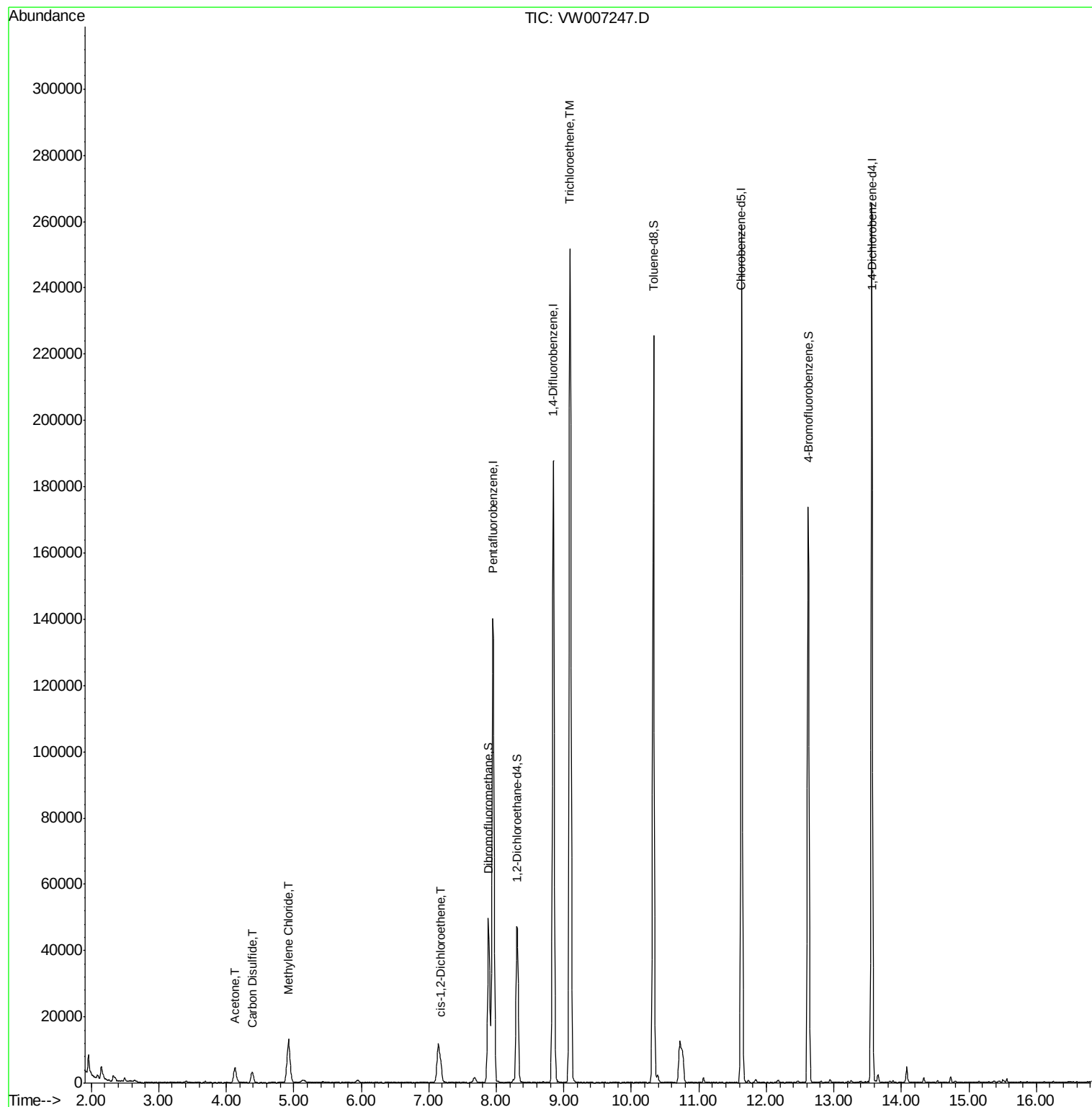
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	104858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	167347	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	148783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	71396	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	38674	39.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.22%	
35) Dibromofluoromethane	7.89	113	36883	38.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.98%	
50) Toluene-d8	10.33	98	153366	36.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.66%	
62) 4-Bromofluorobenzene	12.62	95	55843	35.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.10%	
Target Compounds						
16) Acetone	4.13	43	8387	36.289	ug/l	Qvalue 100
17) Carbon Disulfide	4.38	76	6148	1.858	ug/l	98
20) Methylene Chloride	4.92	84	10618	4.362	ug/l #	93
27) cis-1,2-Dichloroethene	7.18	96	2977	2.477	ug/l	99
44) Trichloroethene	9.09	130	92797	73.937	ug/l	99

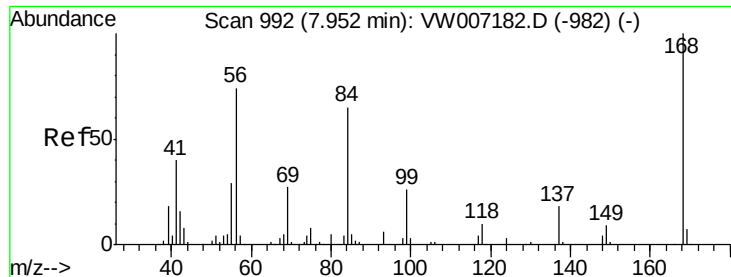
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW120518\
Data File : VW007247.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 05 01:35:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007247.D

Acq: 05 Dec 2018 22:10

Instrument :

MSVOA_W

ClientSampleId :

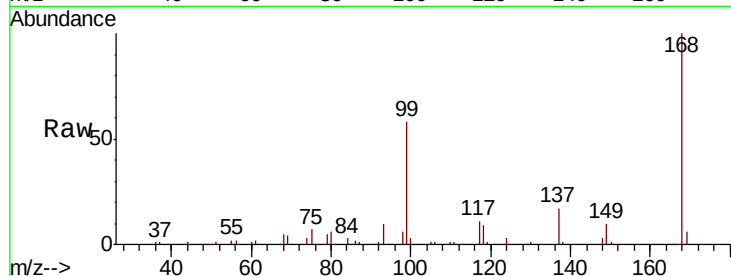
S49-0485

Tgt Ion:168 Resp: 104858

Ion Ratio Lower Upper

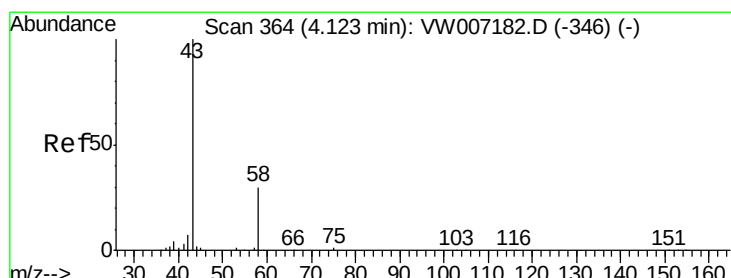
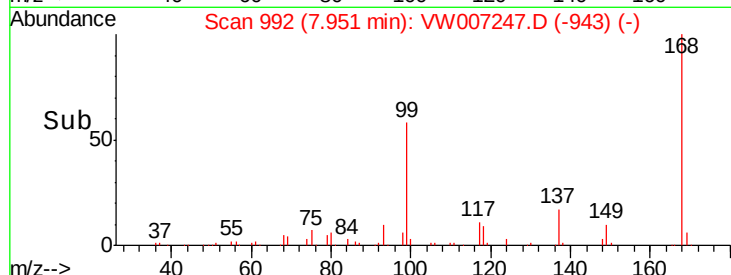
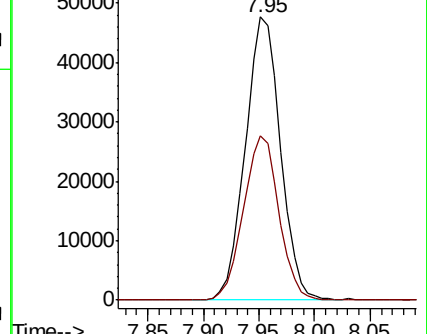
168 100

99 58.0 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 36.289 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007247.D

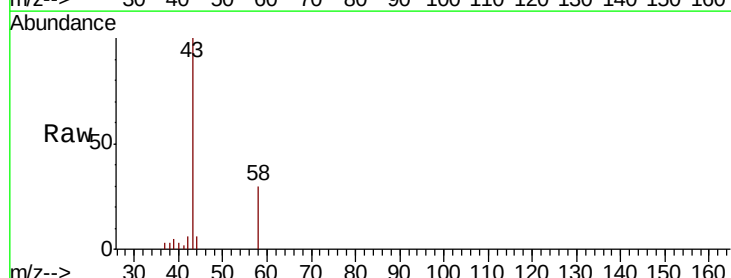
Acq: 05 Dec 2018 22:10

Tgt Ion: 43 Resp: 8387

Ion Ratio Lower Upper

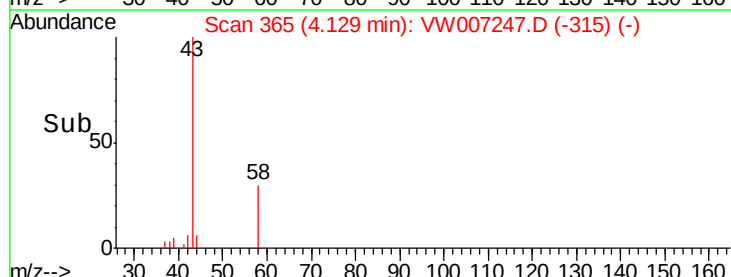
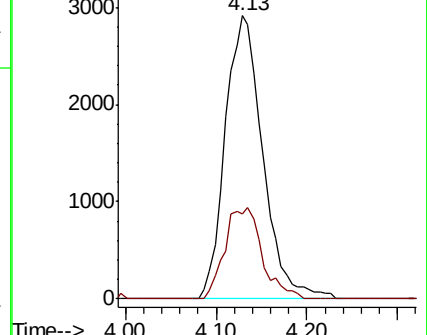
43 100

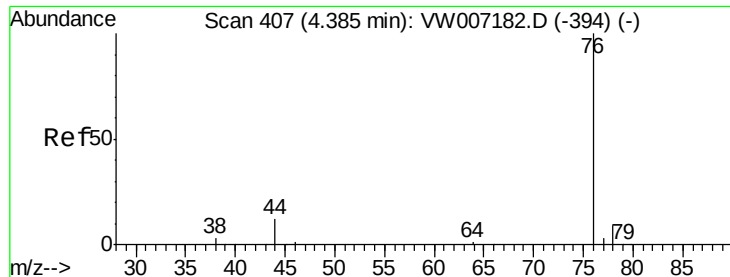
58 29.9 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 1.858 ug/l

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW007247.D

Acq: 05 Dec 2018 22:10

Instrument :

MSVOA_W

ClientSampled :

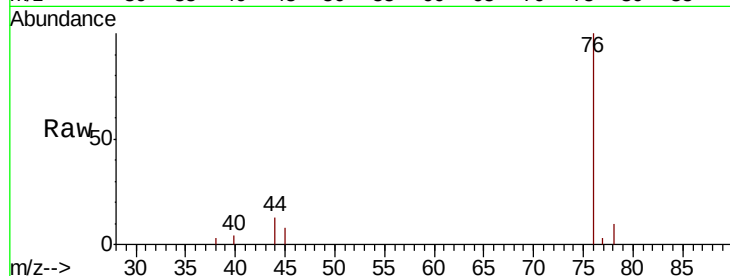
S49-0485

Tgt Ion: 76 Resp: 6148

Ion Ratio Lower Upper

76 100

78 9.6 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

2500

2000

1500

1000

500

0

4.30

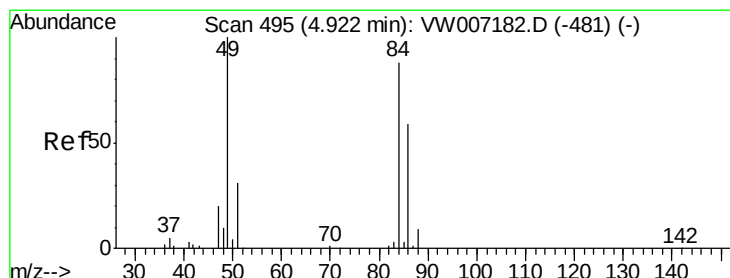
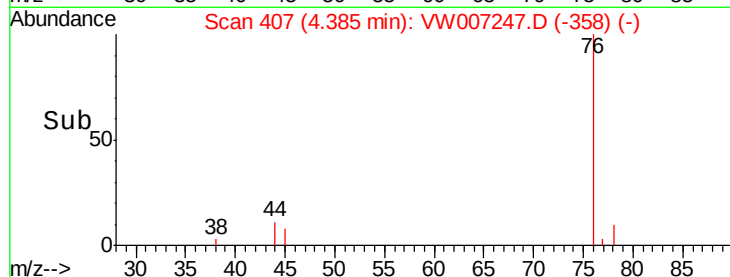
4.35

4.40

4.45

4.50

Time-->



#20

Methylene Chloride

Concen: 4.362 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW007247.D

Acq: 05 Dec 2018 22:10

Tgt Ion: 84 Resp: 10618

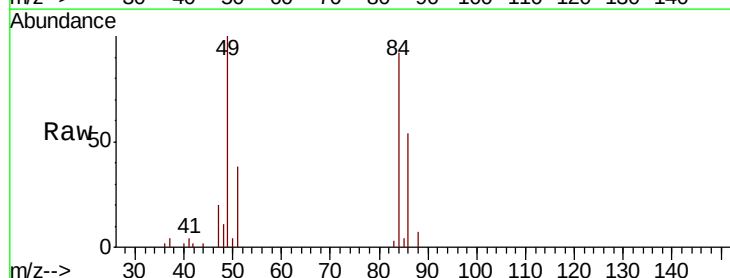
Ion Ratio Lower Upper

84 100

49 109.2 90.6 135.8

51 41.4 27.6 41.4#

86 58.8 53.7 80.5



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

6000

5000

4000

3000

2000

1000

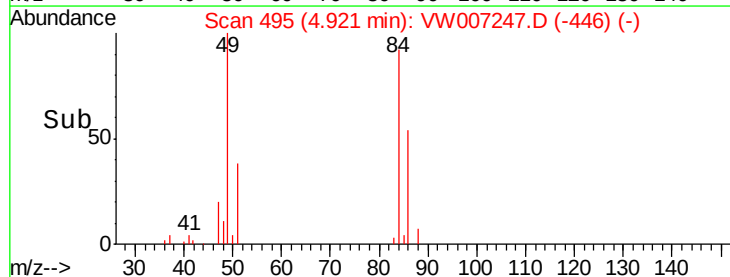
0

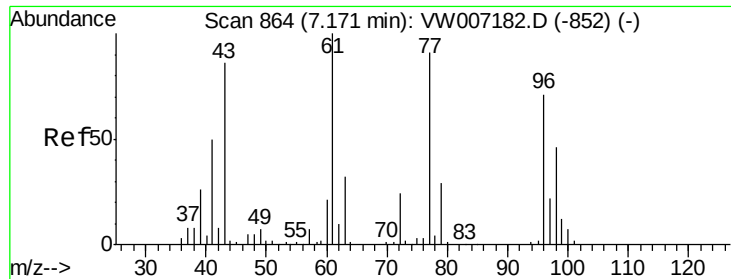
4.80

4.90

5.00

Time-->





#27

cis-1,2-Dichloroethene

Concen: 2.477 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW007247.D

Acq: 05 Dec 2018 22:10

Instrument :

MSVOA_W

ClientSampleId :

S49-0485

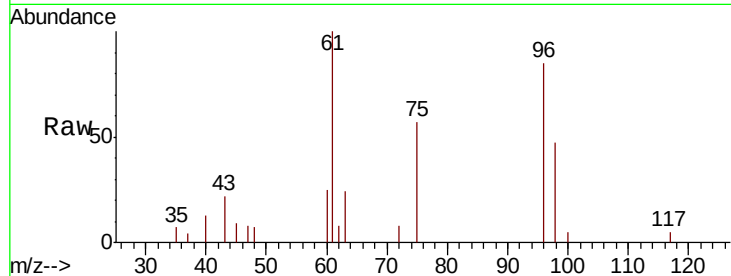
Tgt Ion: 96 Resp: 2977

Ion Ratio Lower Upper

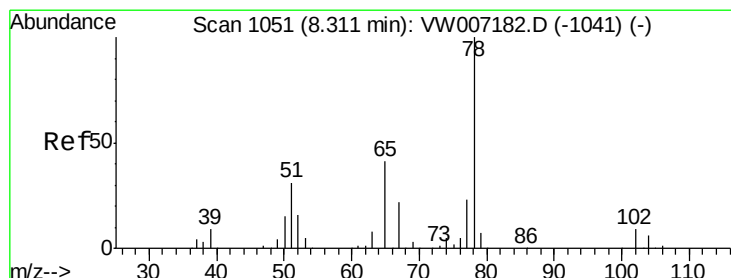
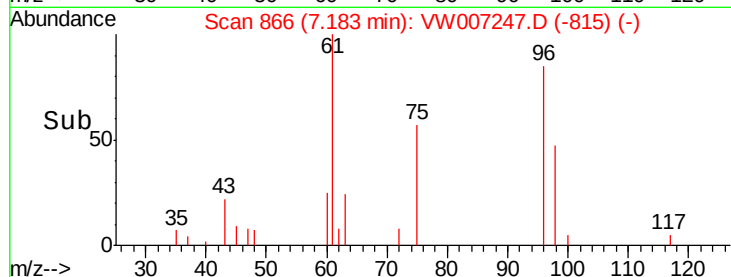
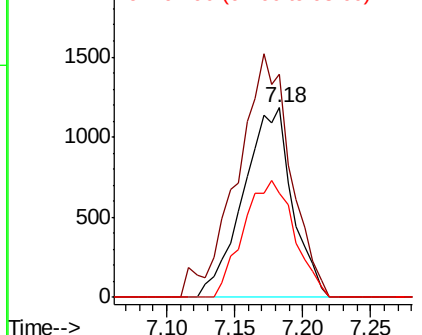
96 100

61 139.3 0.0 282.4

98 64.0 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#33

1,2-Dichloroethane-d4

Concen: 39.614 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW007247.D

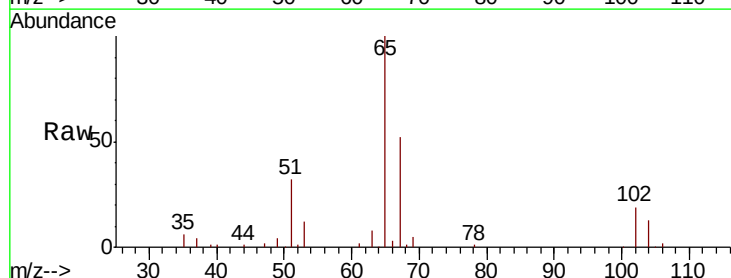
Acq: 05 Dec 2018 22:10

Tgt Ion: 65 Resp: 38674

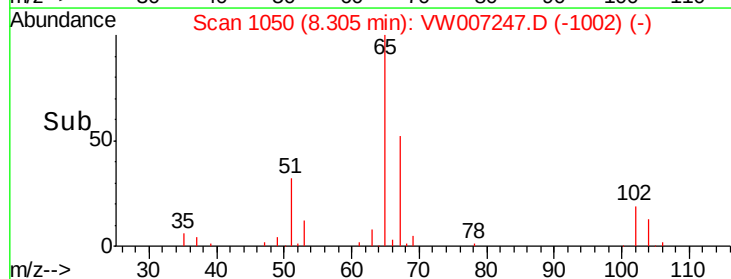
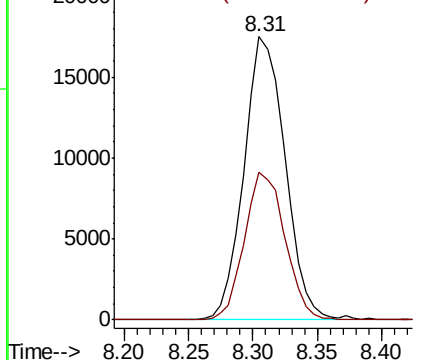
Ion Ratio Lower Upper

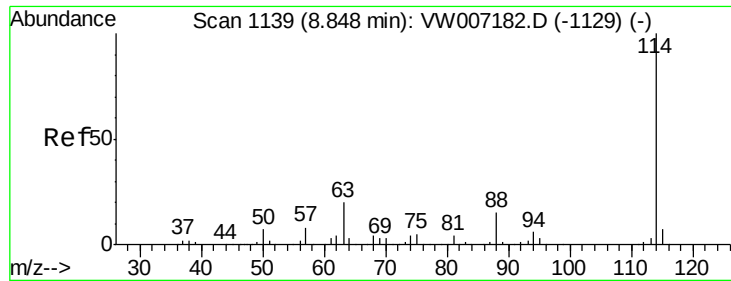
65 100

67 51.3 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

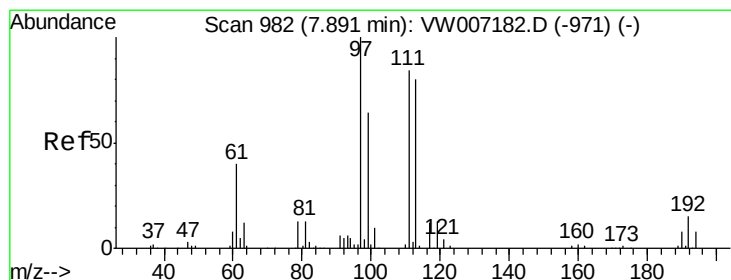
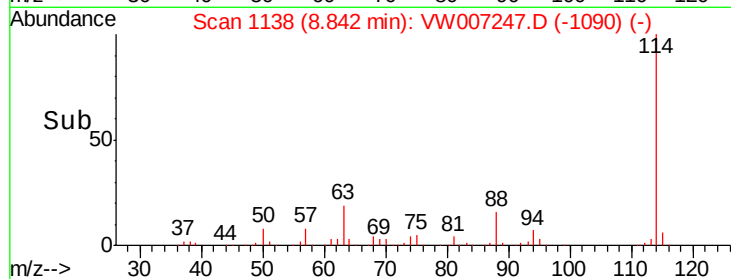
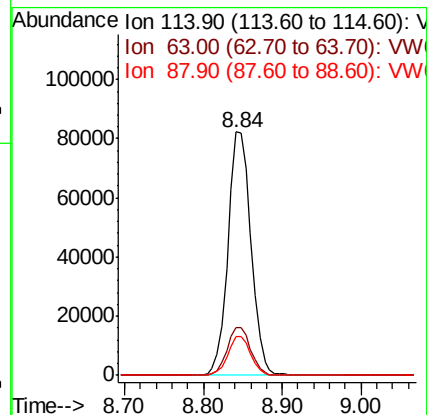
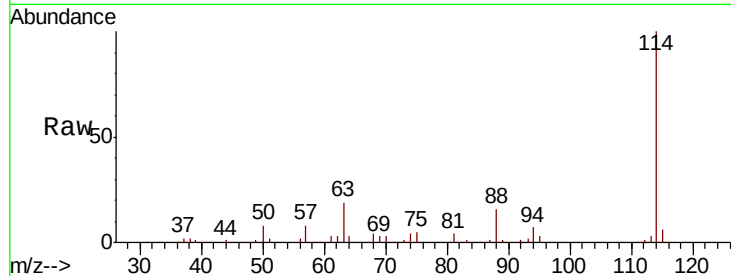




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007247.D
 Acq: 05 Dec 2018 22:10

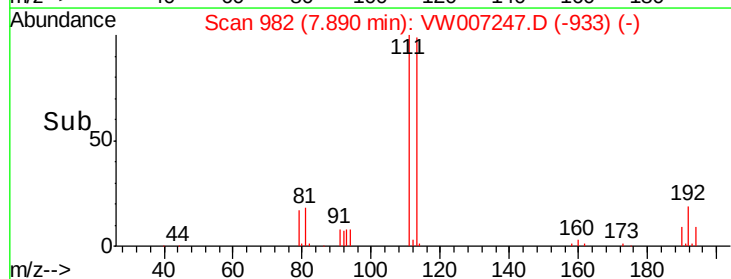
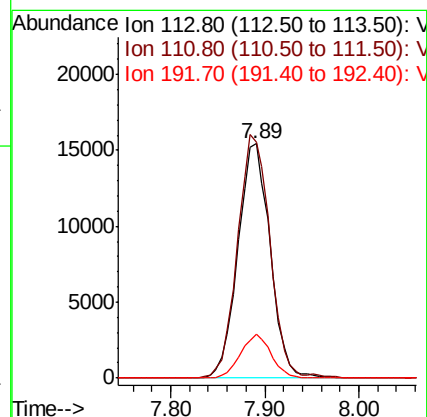
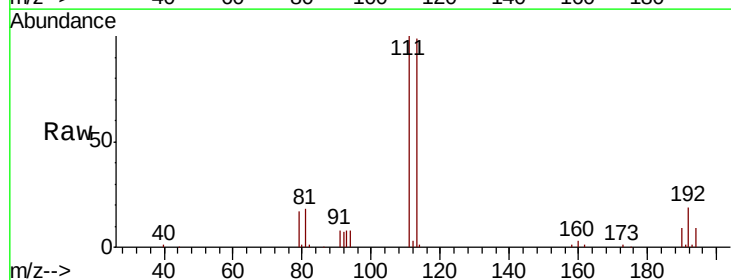
Instrument :
 MSVOA_W
 ClientSampled :
 S49-0485

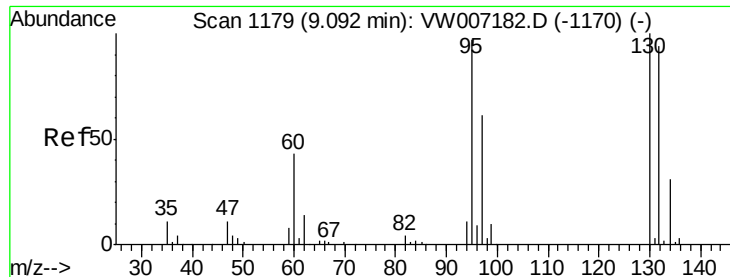
Tgt Ion:114 Resp: 167347
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.2
 88 15.8 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 38.491 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007247.D
 Acq: 05 Dec 2018 22:10

Tgt Ion:113 Resp: 36883
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.2 123.4
 192 17.7 14.4 21.6





#44

Trichloroethene

Concen: 73.937 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007247.D

Acq: 05 Dec 2018 22:10

Instrument :

MSVOA_W

ClientSampleId :

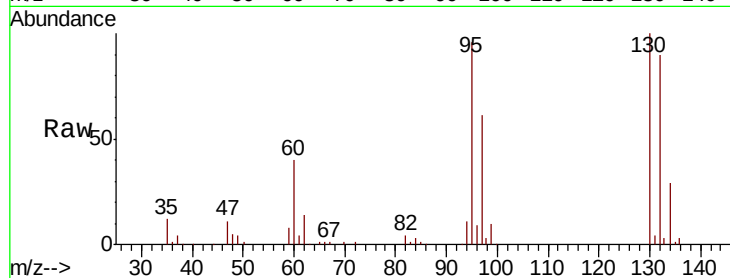
S49-0485

Tgt Ion:130 Resp: 92797

Ion Ratio Lower Upper

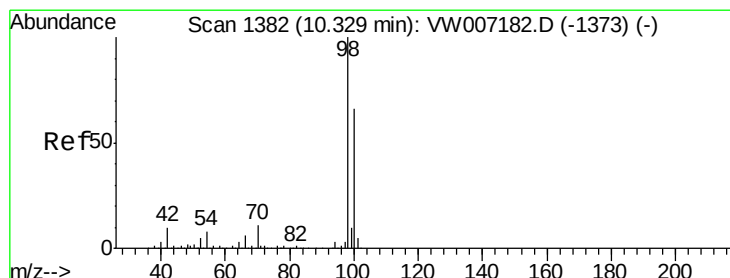
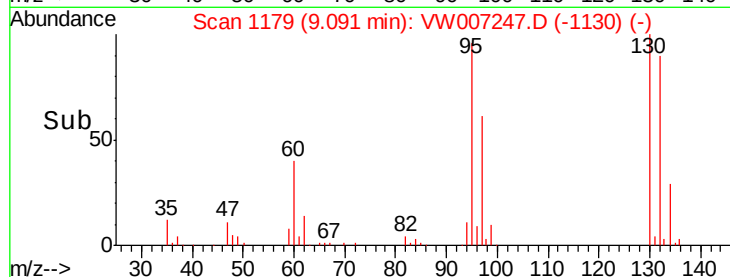
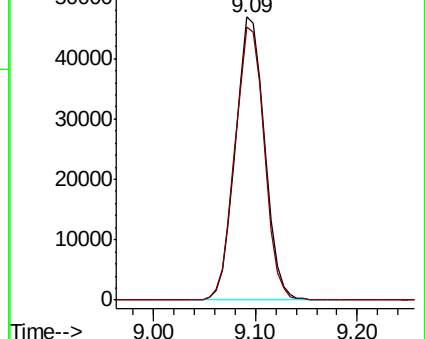
130 100

95 96.4 0.0 194.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW



#50

Toluene-d8

Concen: 36.334 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007247.D

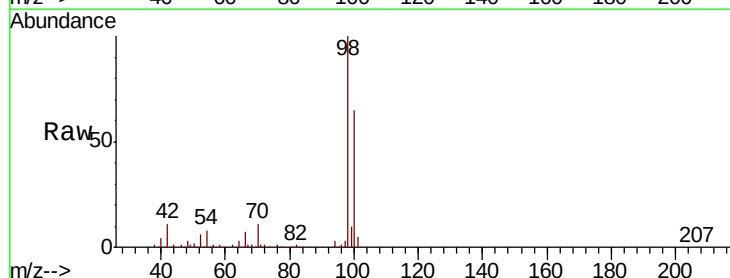
Acq: 05 Dec 2018 22:10

Tgt Ion: 98 Resp: 153366

Ion Ratio Lower Upper

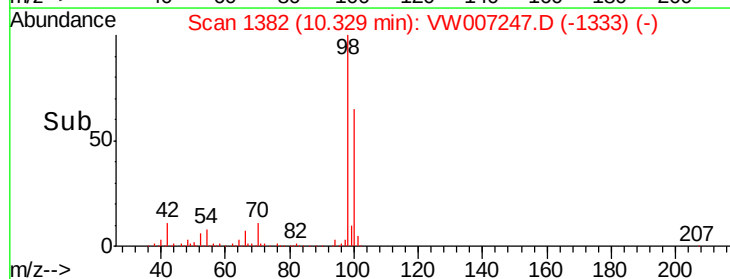
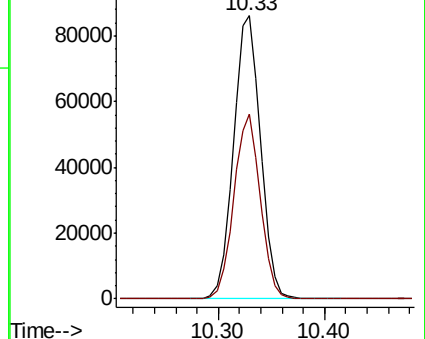
98 100

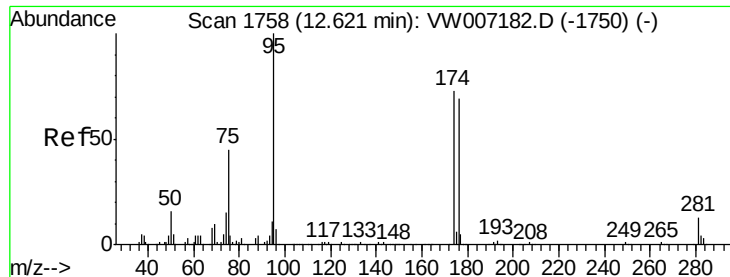
100 63.8 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

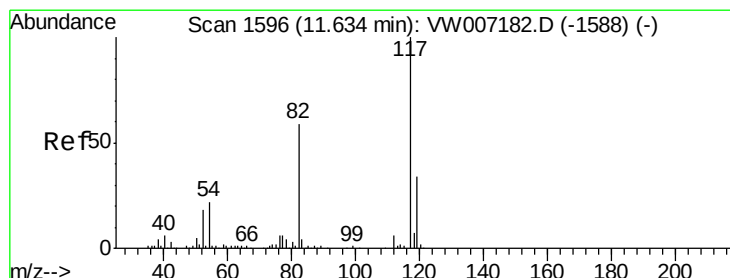
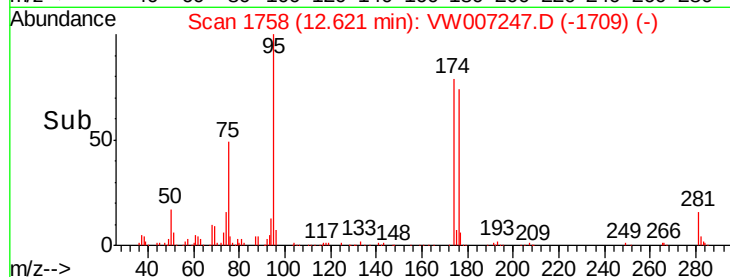
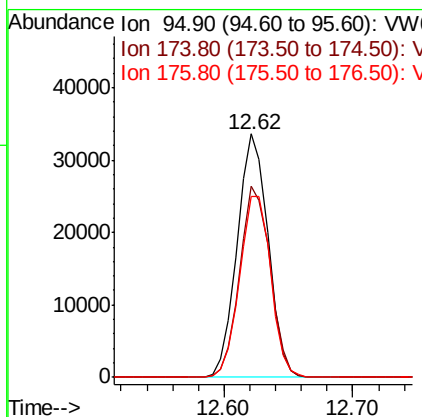
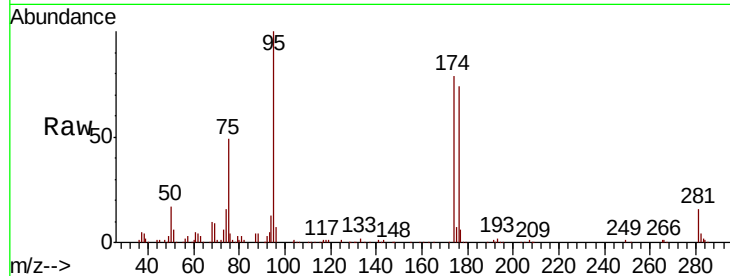




#62
4-Bromofluorobenzene
Concen: 35.051 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007247.D
Acq: 05 Dec 2018 22:10

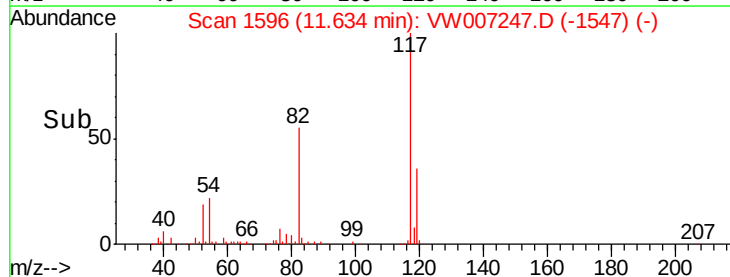
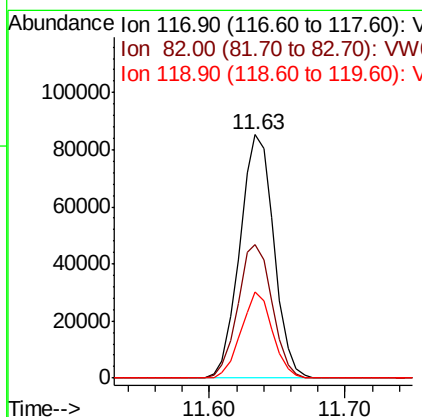
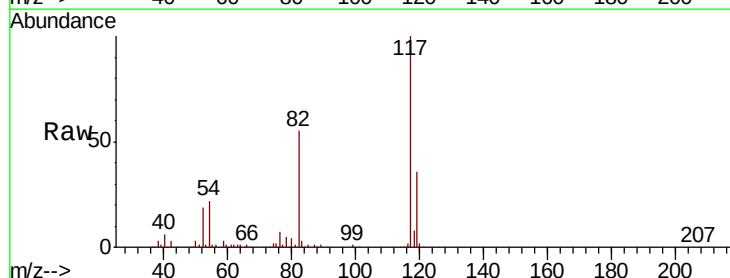
Instrument :
MSVOA_W
ClientSampleId :
S49-0485

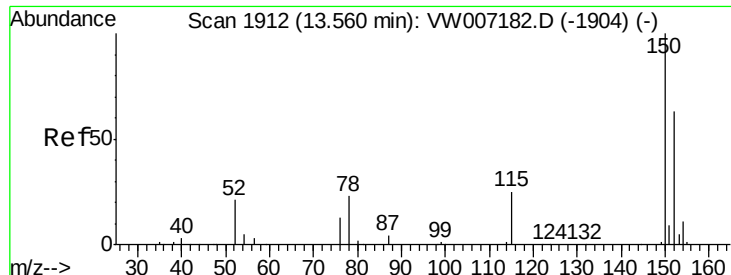
Tgt Ion: 95 Resp: 55843
Ion Ratio Lower Upper
95 100
174 77.6 0.0 148.0
176 74.9 0.0 139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007247.D
Acq: 05 Dec 2018 22:10

Tgt Ion: 117 Resp: 148783
Ion Ratio Lower Upper
117 100
82 54.9 47.4 71.2
119 35.5 26.8 40.2

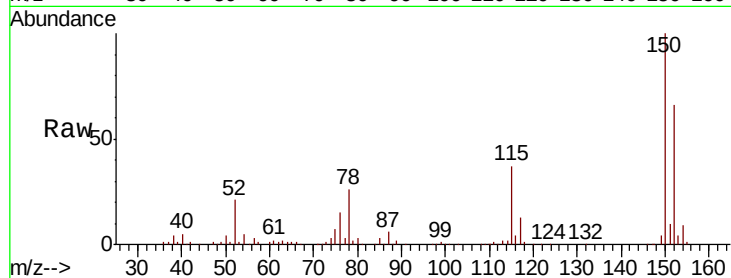




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW007247.D
 Acq: 05 Dec 2018 22:10

Instrument :
 MSVOA_W
 ClientSampleId :
 S49-0485

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.3	31.3	93.8
150	159.4	0.0	358.0



Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

