

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006717.D
 Acq On : 07 Nov 2018 06:21
 Operator : SY/AP
 Sample : J5771-03
 Misc : 6.18G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-110218-B

Quant Time: Nov 07 11:34:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

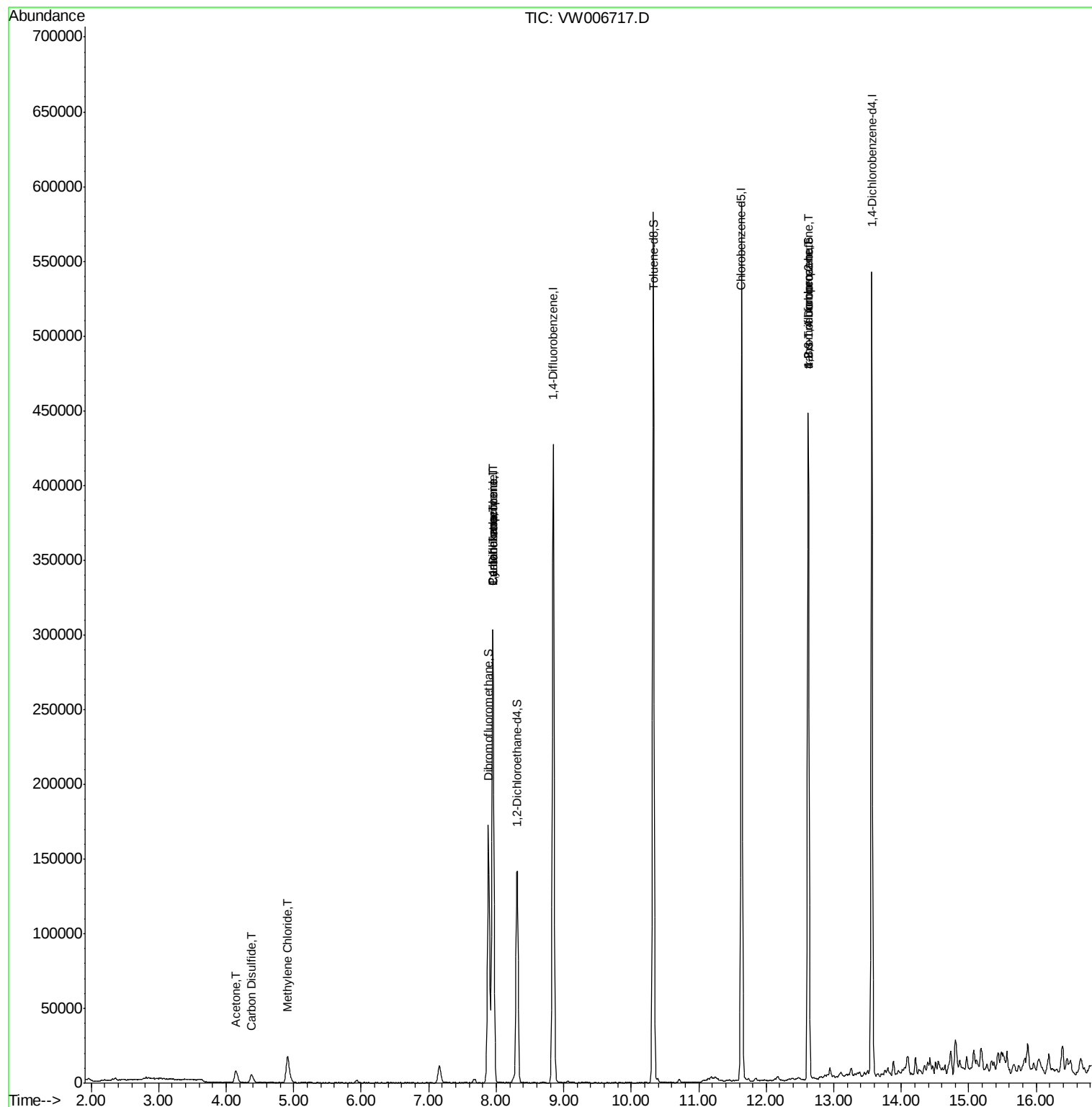
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	251748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	387548	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	345579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	156278	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	115339	53.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.60%	
35) Dibromofluoromethane	7.88	113	121292	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
50) Toluene-d8	10.33	98	408623	44.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.26%	
62) 4-Bromofluorobenzene	12.62	95	133904	39.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.78%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	16570	47.427	ug/l	99
17) Carbon Disulfide	4.38	76	13522	2.314	ug/l	99
20) Methylene Chloride	4.91	84	15956	1.219	ug/l	98
31) Cyclohexane	7.95	56	4285	1.243	ug/l #	15
36) 1,1-Dichloropropene	7.95	75	15640	4.589	ug/l #	47
38) Carbon Tetrachloride	7.95	117	21862	6.139	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	65519	53.734	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	65519	134.411	ug/l #	11

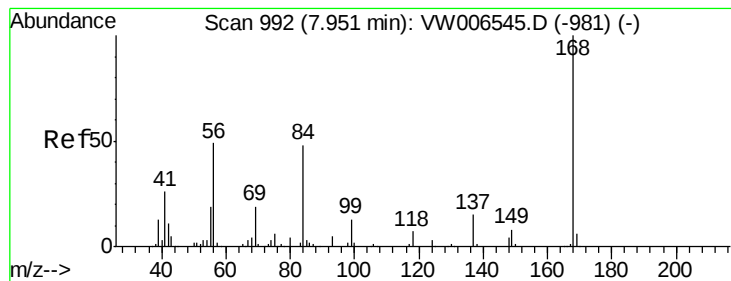
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006717.D

Acq: 07 Nov 2018 06:21

Instrument :

MSVOA_W

ClientSampleId :

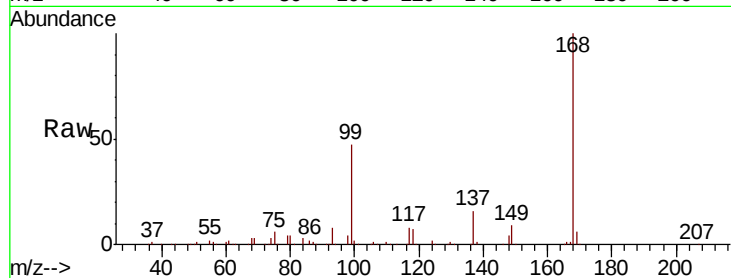
EO-01-110218-B

Tot Ion:168 Resp: 251748

Ion Ratio Lower Upper

168 100

99 47.1 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

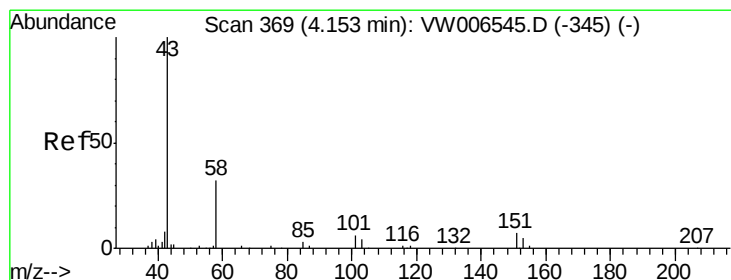
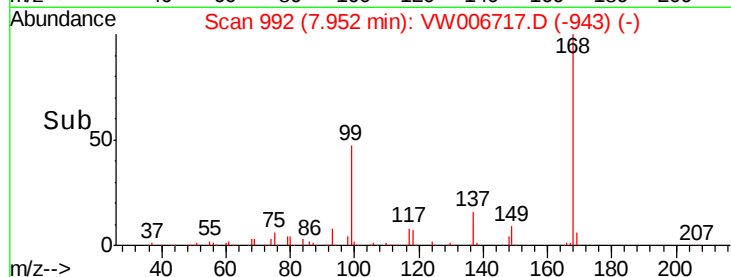
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 47.427 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006717.D

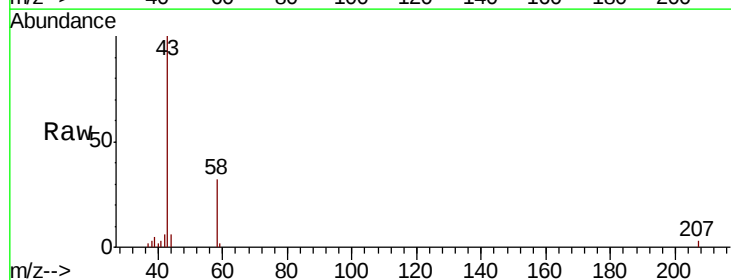
Acq: 07 Nov 2018 06:21

Tgt Ion: 43 Resp: 16570

Ion Ratio Lower Upper

43 100

58 31.8 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

5000

4000

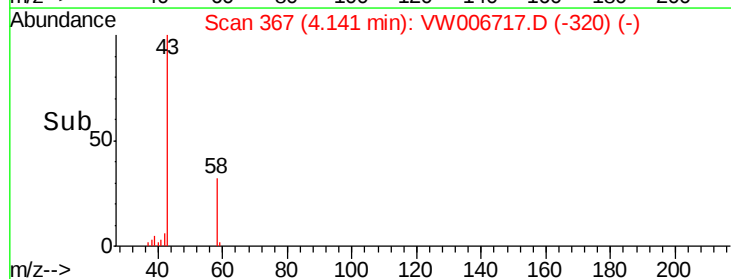
3000

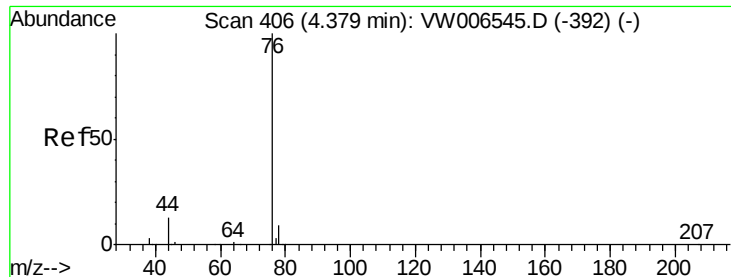
2000

1000

0

Time--> 4.00 4.10 4.20 4.30





#17

Carbon Disulfide

Concen: 2.314 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW006717.D

Acq: 07 Nov 2018 06:21

Instrument :

MSVOA_W

ClientSampleId :

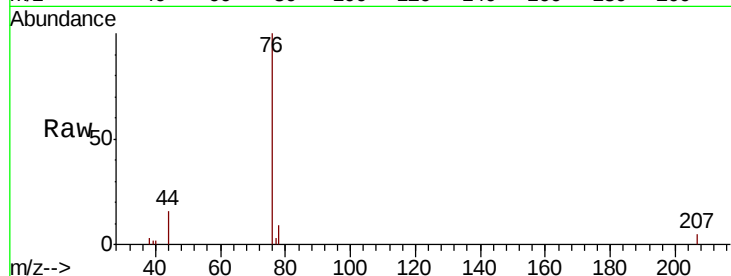
EO-01-110218-B

Tot Ion: 76 Resp: 13522

Ion Ratio Lower Upper

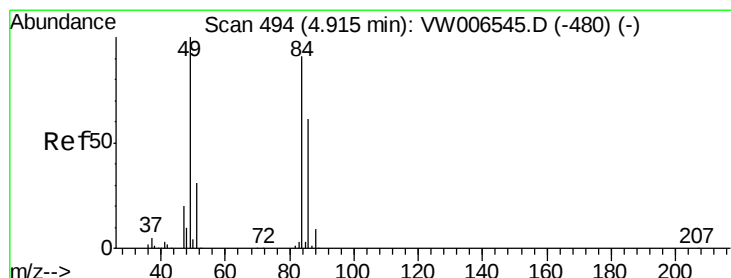
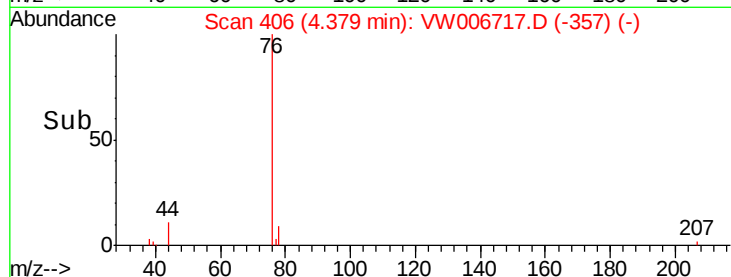
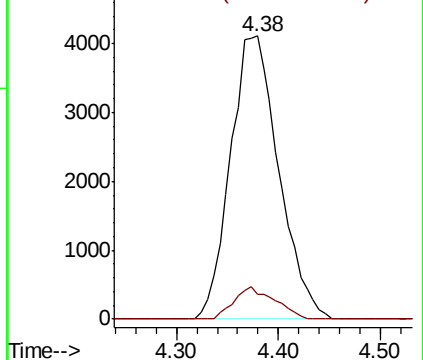
76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 1.219 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006717.D

Acq: 07 Nov 2018 06:21

Tgt Ion: 84 Resp: 15956

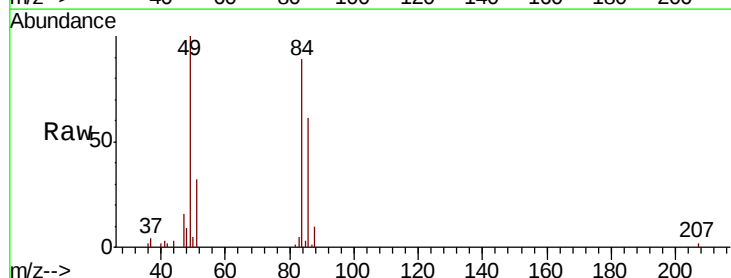
Ion Ratio Lower Upper

84 100

49 112.0 88.2 132.4

51 35.9 27.0 40.6

86 68.3 53.8 80.8

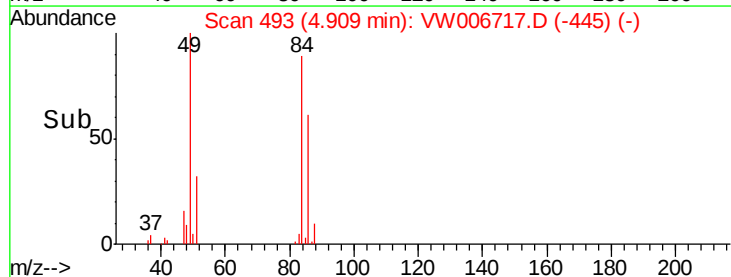
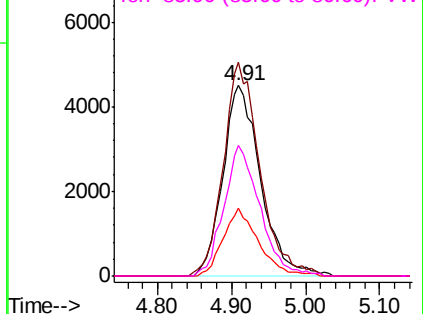


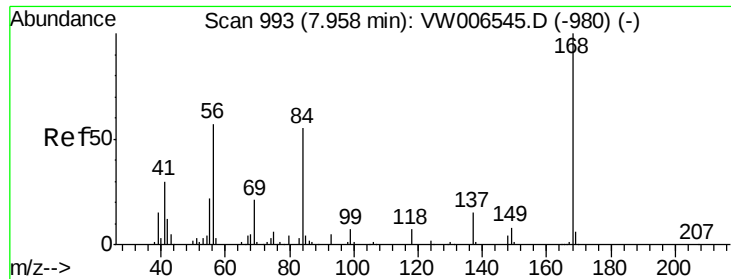
Abundance Ion 83.90 (83.60 to 84.60): VW

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

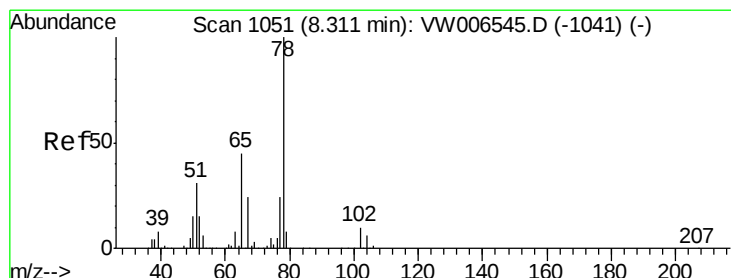
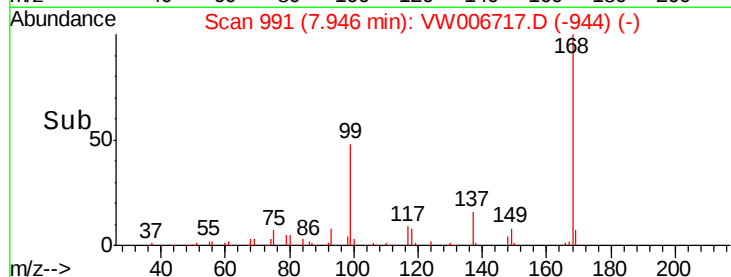
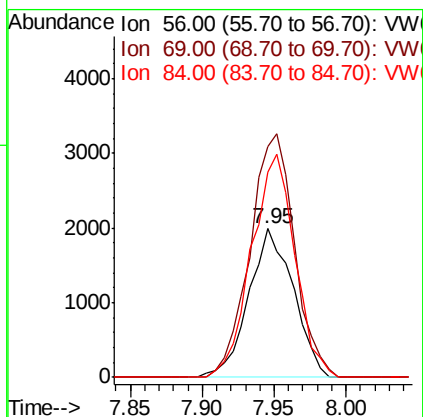
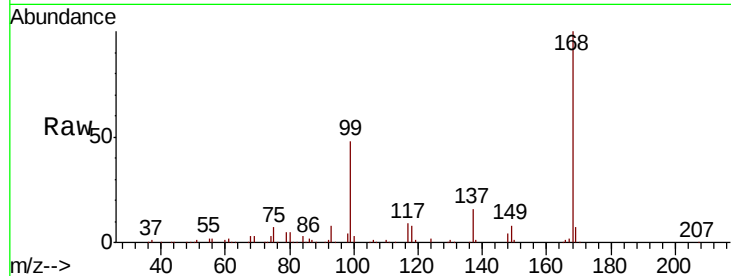




#31
Cyclohexane
Concen: 1.243 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006717.D
Acq: 07 Nov 2018 06:21

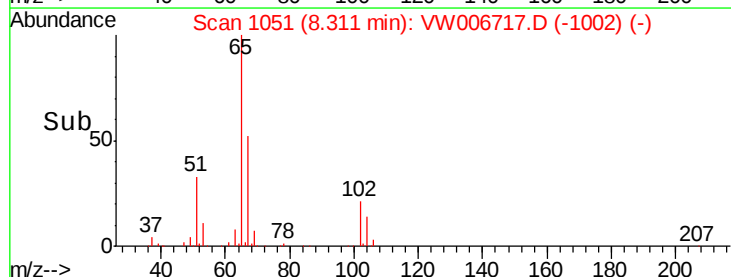
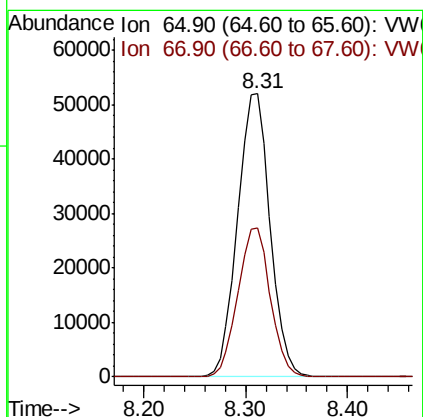
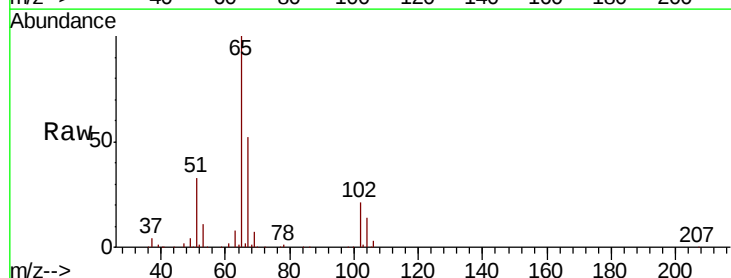
Instrument :
MSVOA_W
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EO-01-110218-B

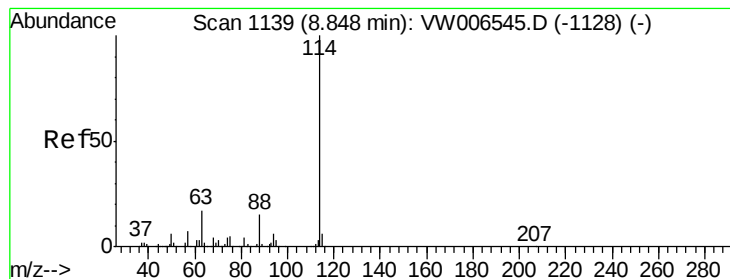
Tot Ion: 56 Resp: 4285
Ion Ratio Lower Upper
56 100
69 155.5 29.0 43.4#
84 138.0 77.8 116.6#



#33
1,2-Dichloroethane-d4
Concen: 53.299 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006717.D
Acq: 07 Nov 2018 06:21

Tgt Ion: 65 Resp: 115339
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006717.D

Acq: 07 Nov 2018 06:21

Instrument :

MSVOA_W

ClientSampleId :

EO-01-110218-B

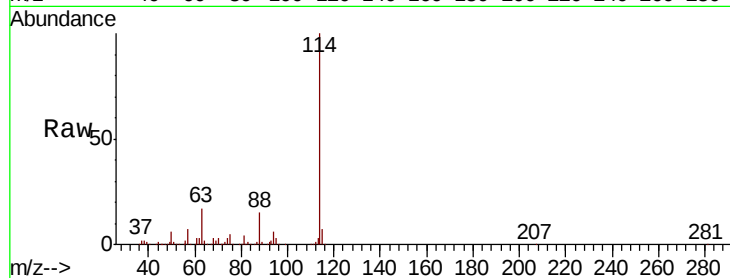
Tot Ion:114 Resp: 387548

Ion Ratio Lower Upper

114 100

63 16.9 0.0 34.4

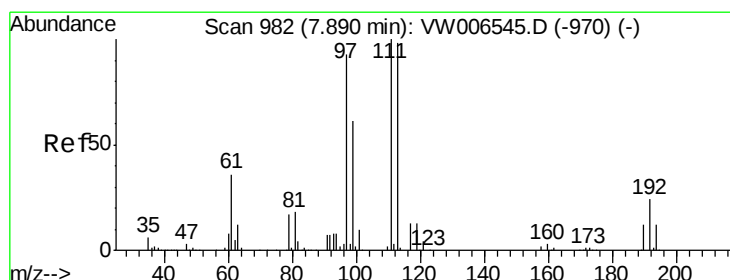
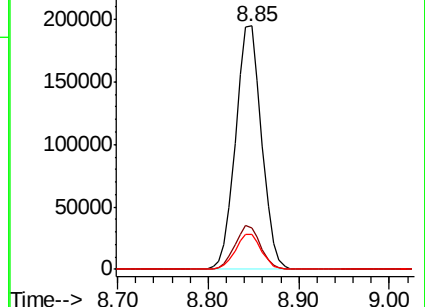
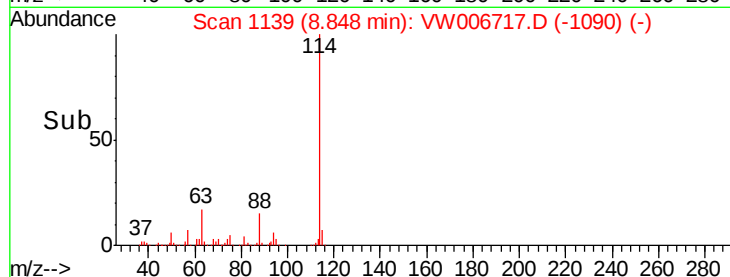
88 14.5 0.0 29.0



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: 49.870 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006717.D

Acq: 07 Nov 2018 06:21

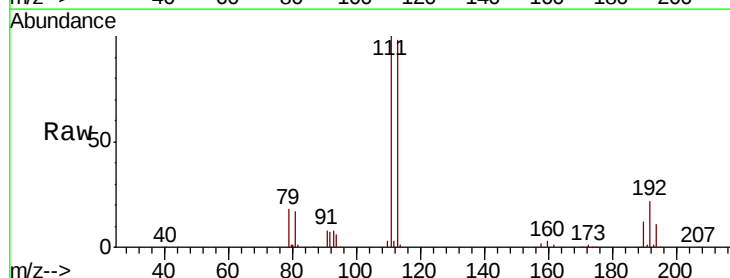
Tgt Ion:113 Resp: 121292

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.2

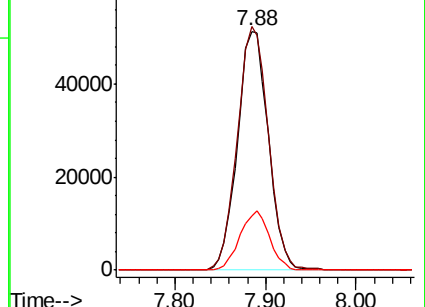
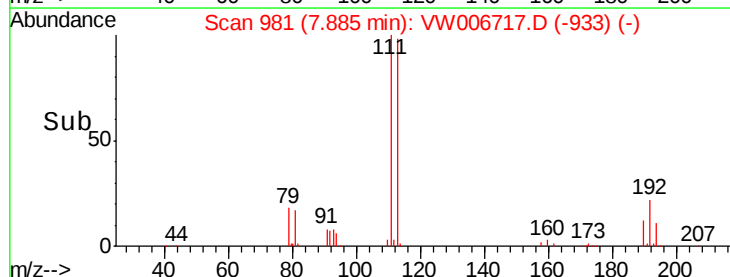
192 23.7 19.0 28.6

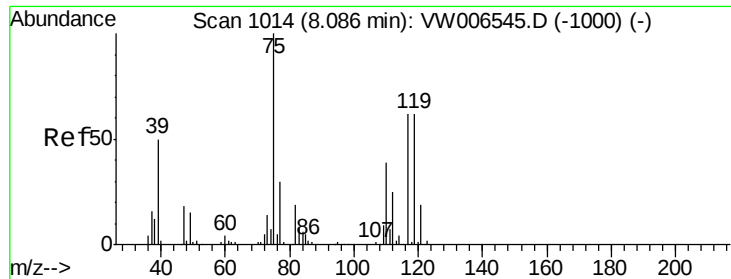


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

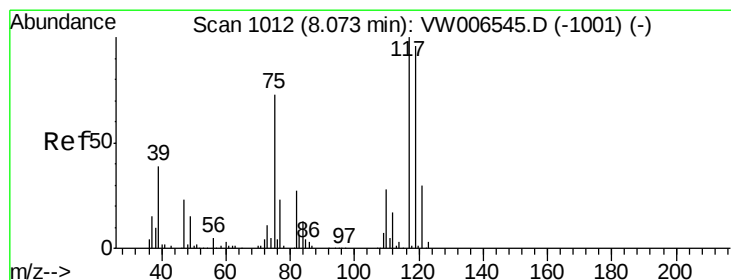
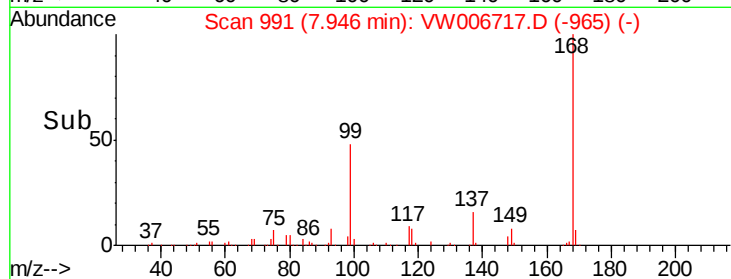
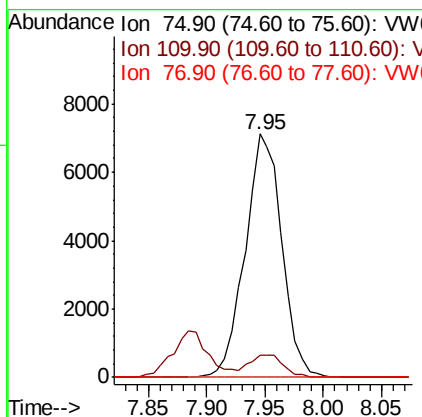
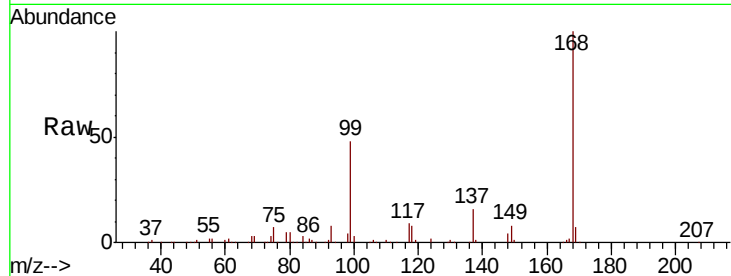




#36
 1,1-Dichloropropene
 Concen: 4.589 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006717.D
 Acq: 07 Nov 2018 06:21

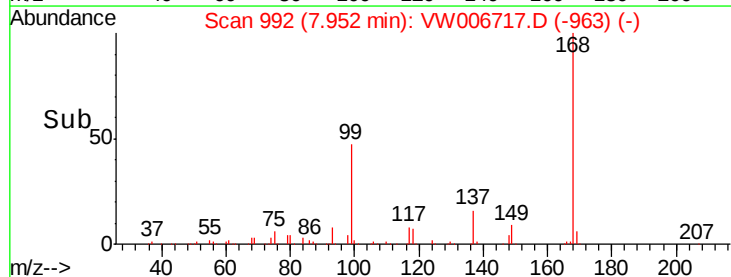
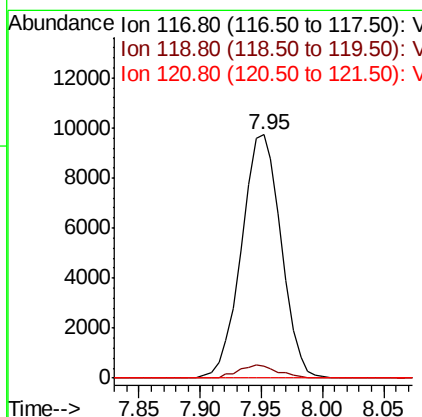
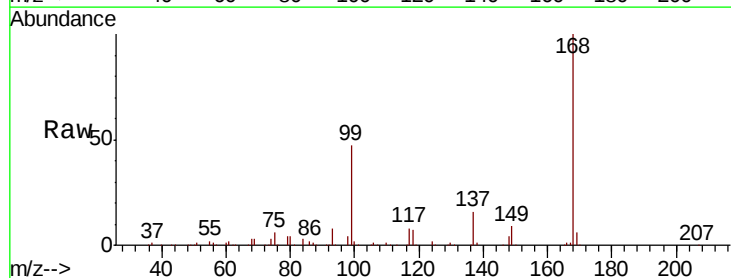
Instrument :
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 EO-01-110218-B

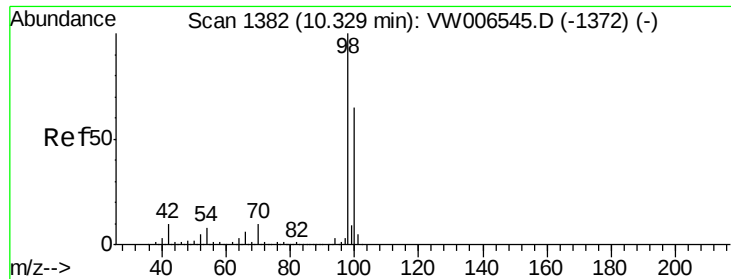
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	19.5	58.5#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.139 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006717.D
 Acq: 07 Nov 2018 06:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	76.3	114.5#
121	0.0	24.1	36.1#





#50

Toluene-d8

Concen: 44.133 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006717.D

Acq: 07 Nov 2018 06:21

Instrument :

MSVOA_W

ClientSampleId :

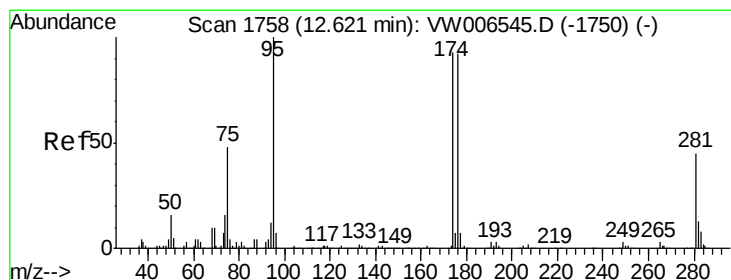
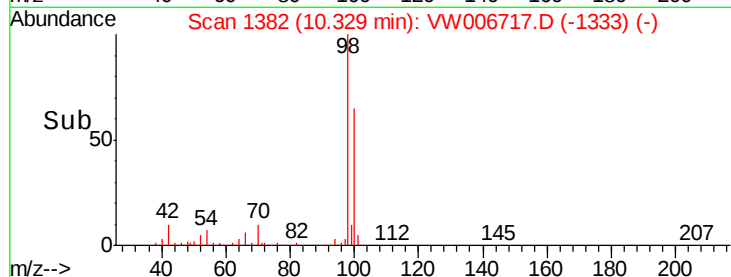
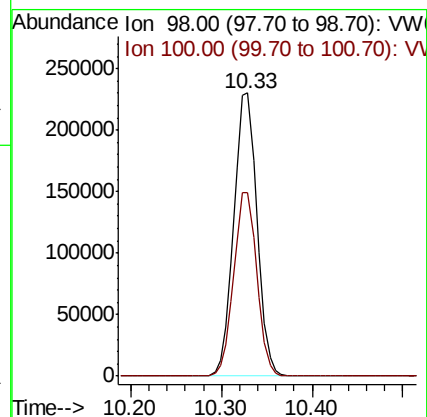
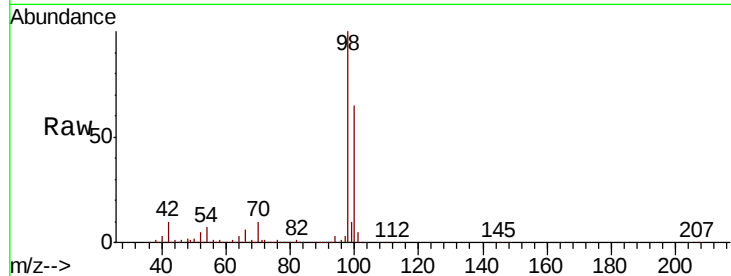
EO-01-110218-B

Tot Ion: 98 Resp: 408623

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 39.892 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006717.D

Acq: 07 Nov 2018 06:21

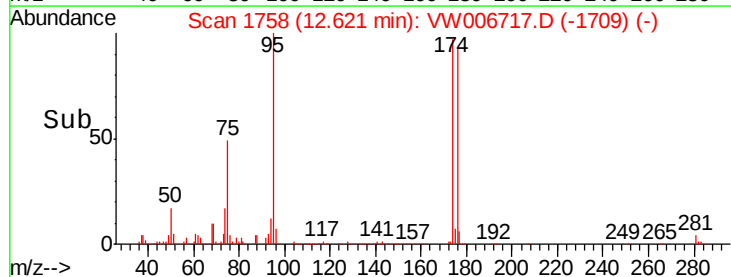
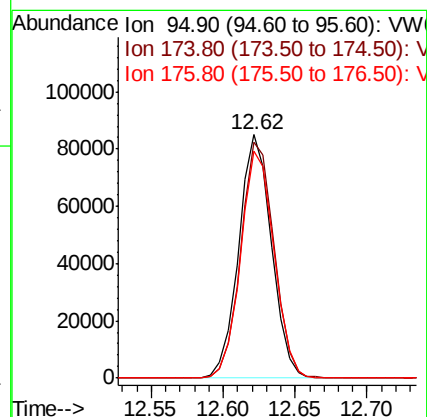
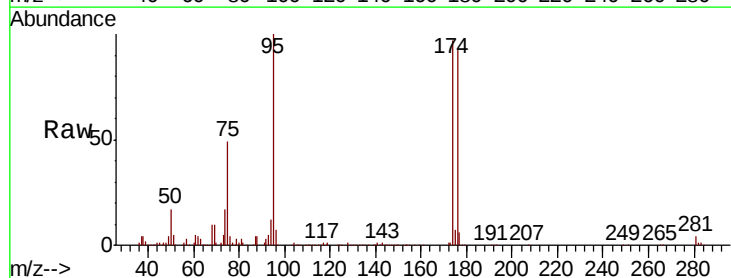
Tgt Ion: 95 Resp: 133904

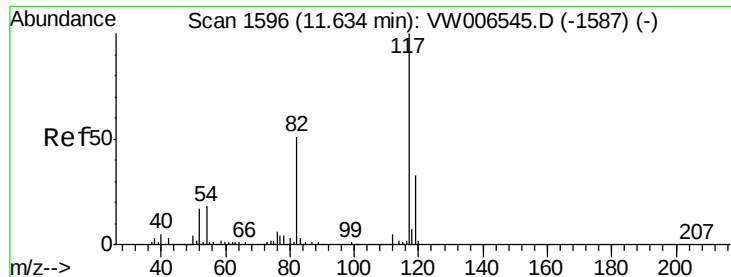
Ion Ratio Lower Upper

95 100

174 98.7 0.0 192.4

176 95.1 0.0 187.4

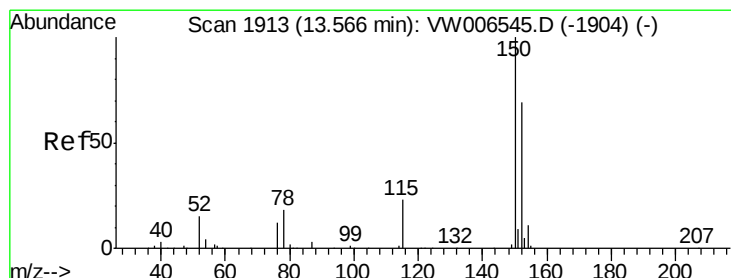
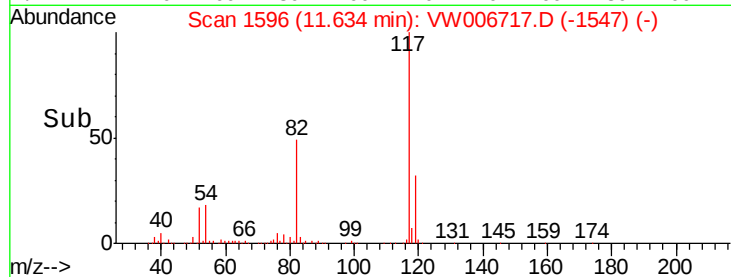
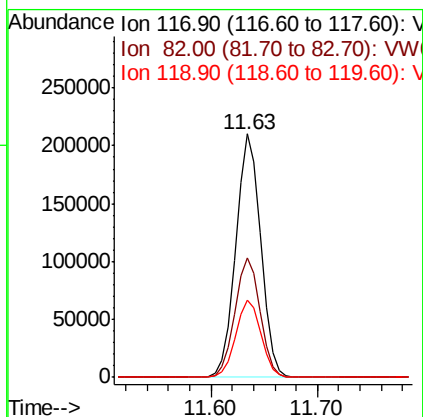
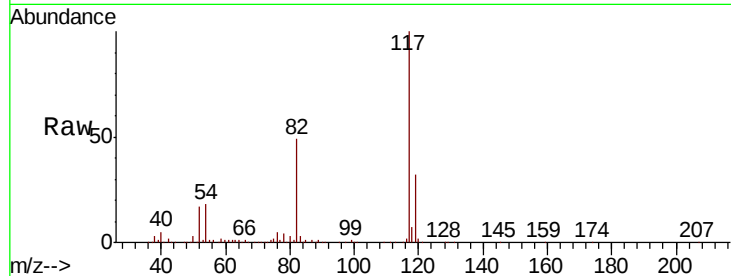




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006717.D
Acq: 07 Nov 2018 06:21

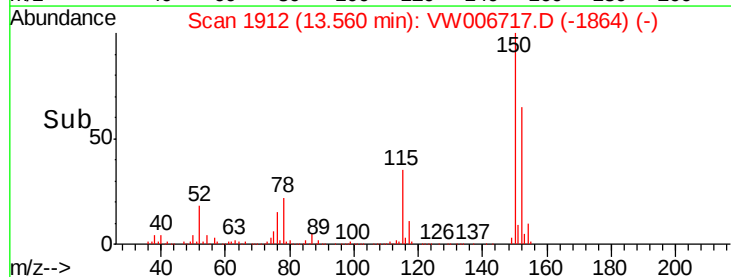
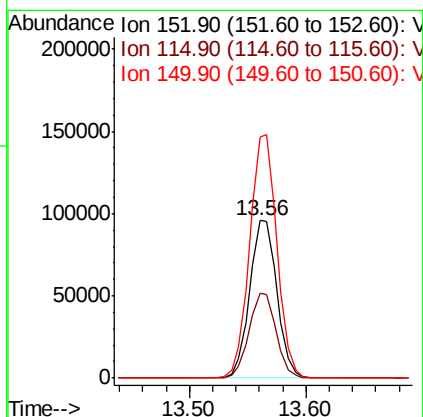
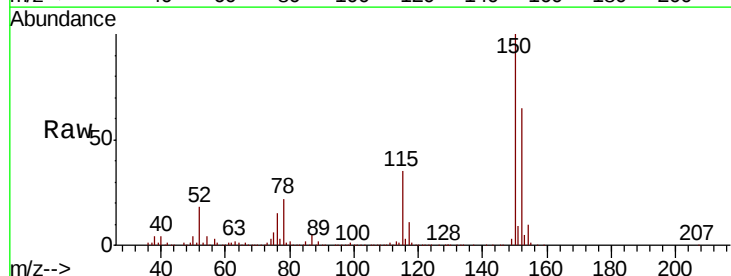
Instrument :
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EO-01-110218-B

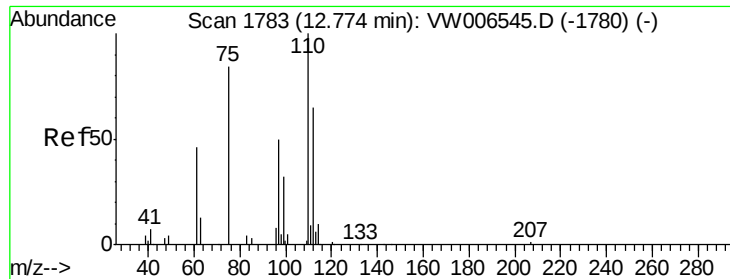
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.3	40.8	61.2
119	31.8	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006717.D
Acq: 07 Nov 2018 06:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.2	26.6	79.8
150	153.9	0.0	344.6





#76

1,2,3-Trichloropropane

Concen: 53.734 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006717.D

Acq: 07 Nov 2018 06:21

Instrument :

MSVOA_W

ClientSampleId :

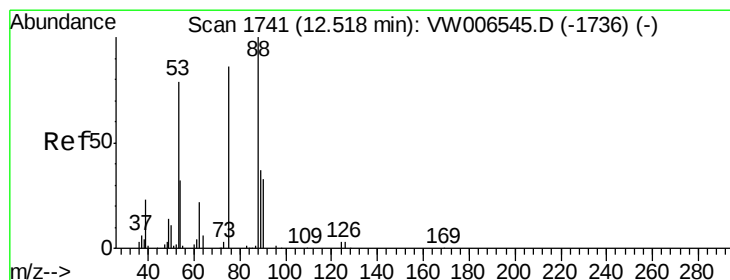
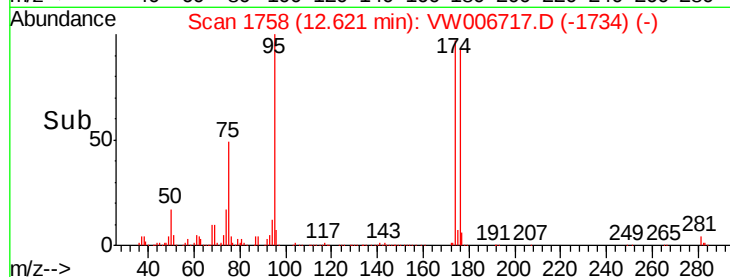
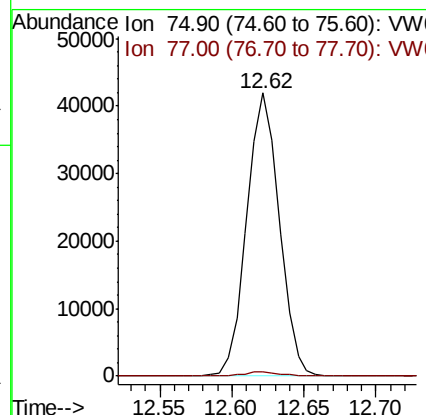
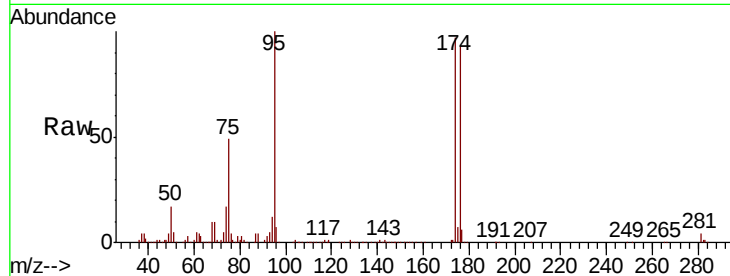
EO-01-110218-B

Tot Ion: 75 Resp: 65519

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 134.411 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006717.D

Acq: 07 Nov 2018 06:21

Tgt Ion: 75 Resp: 65519

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#

