

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110818\
 Data File : VW006769.D
 Acq On : 08 Nov 2018 16:40
 Operator : SY/AP
 Sample : J5813-05RE
 Misc : 5.75G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TS-ERE

Quant Time: Nov 09 11:14:26 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

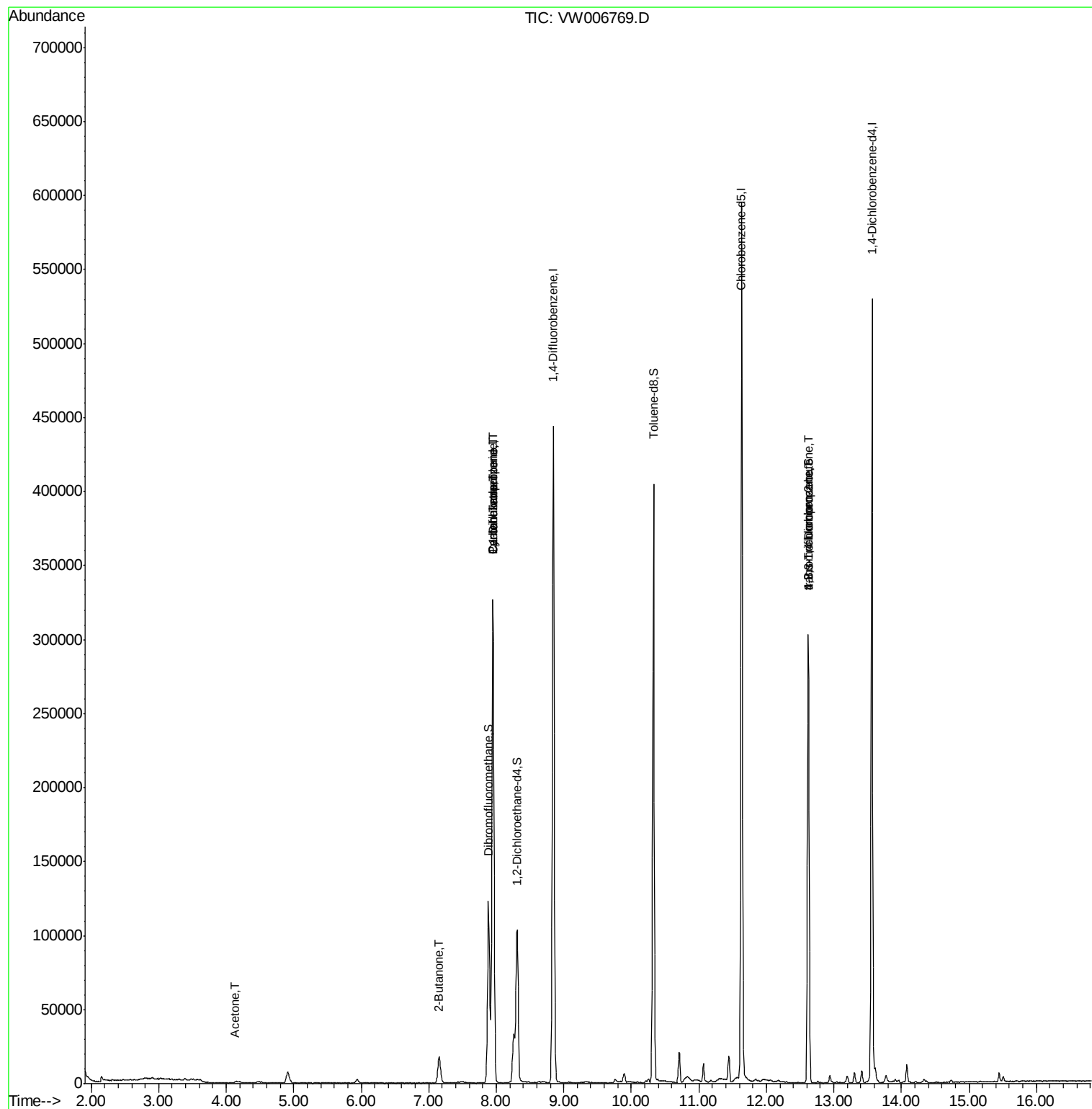
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	271153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	399996	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	348905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	151508	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	83142	35.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.34%	
35) Dibromofluoromethane	7.88	113	87721	34.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.88%	
50) Toluene-d8	10.33	98	281691	29.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.96%	
62) 4-Bromofluorobenzene	12.62	95	84850	24.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	48.98%	
Target Compounds						
16) Acetone	4.13	43	822	2.184	ug/l	97
20) Methylene Chloride	4.92	84	6417	Below Cal		98
25) 2-Butanone	7.16	43	1069	1.991	ug/l #	46
31) Cyclohexane	7.95	56	4669	1.258	ug/l #	14
36) 1,1-Dichloropropene	7.95	75	17206	4.891	ug/l #	48
38) Carbon Tetrachloride	7.95	117	23074	6.278	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	41027	34.707	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	41027	87.758	ug/l #	11

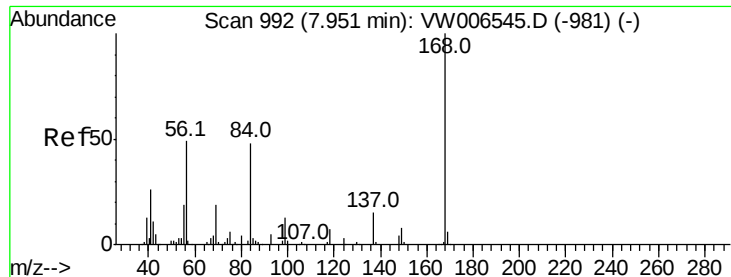
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006769.D

Acq: 08 Nov 2018 16:40

Instrument :

MSVOA_W

ClientSampleId :

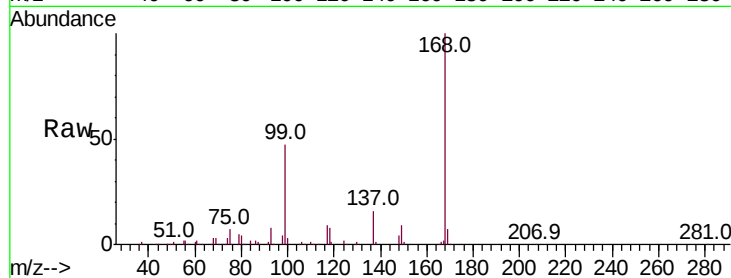
TS-ERE

Tot Ion:168 Resp: 271153

Ion Ratio Lower Upper

168 100

99 47.0 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

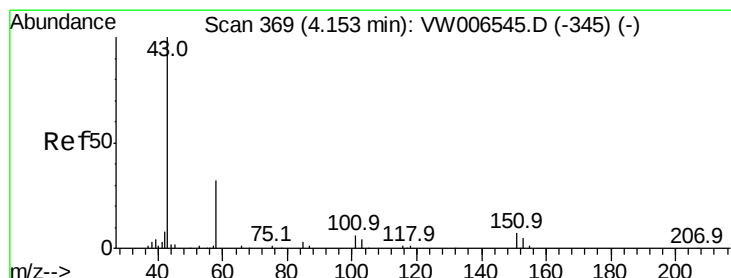
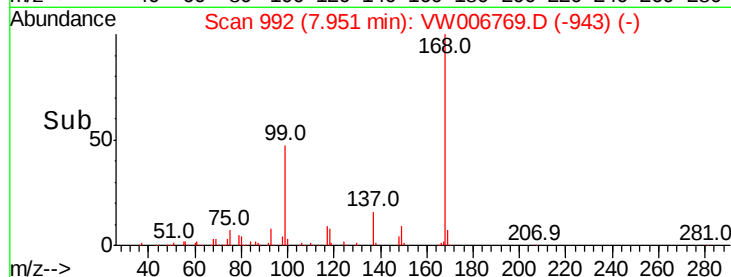
100000

50000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 2.184 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW006769.D

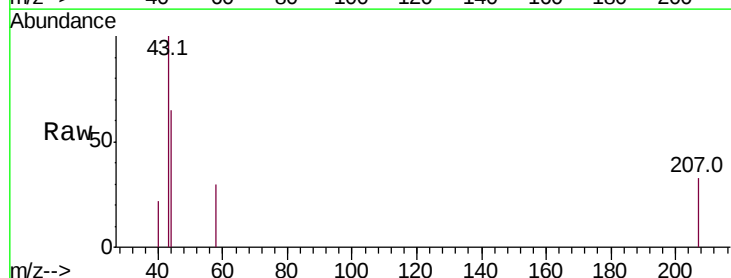
Acq: 08 Nov 2018 16:40

Tgt Ion: 43 Resp: 822

Ion Ratio Lower Upper

43 100

58 30.4 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

600

500

400

300

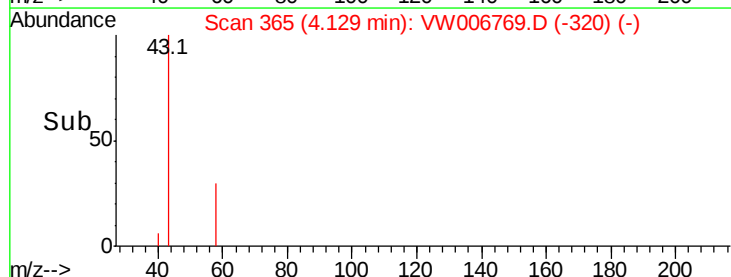
200

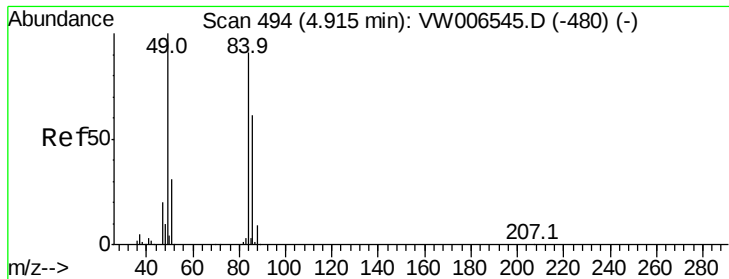
100

0

4.10 4.15

Time-->

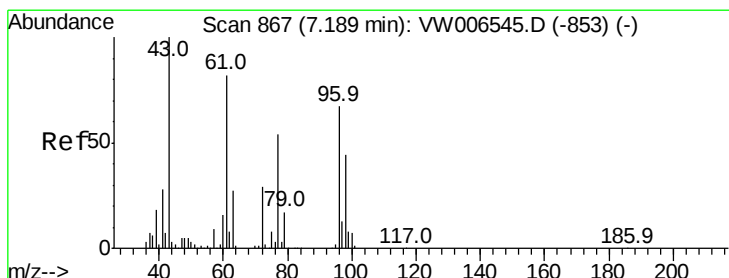
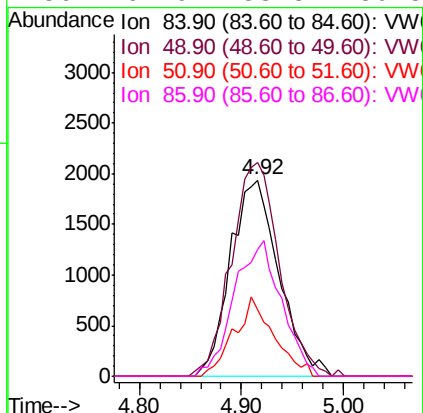
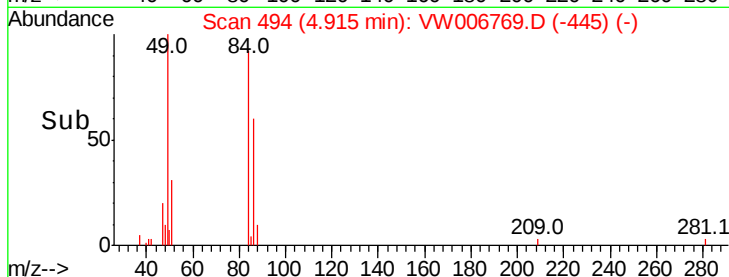
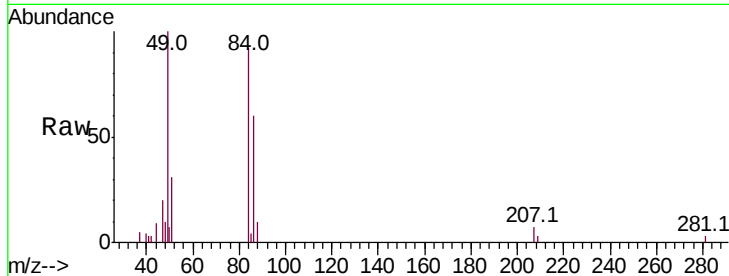




#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006769.D
Acq: 08 Nov 2018 16:40

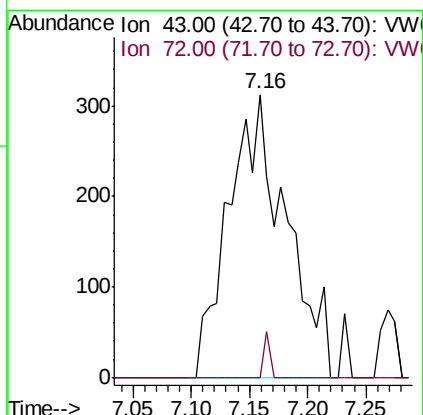
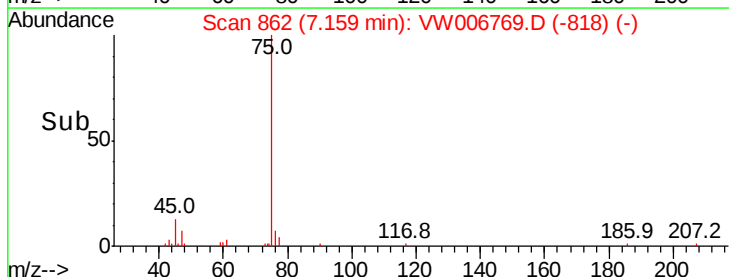
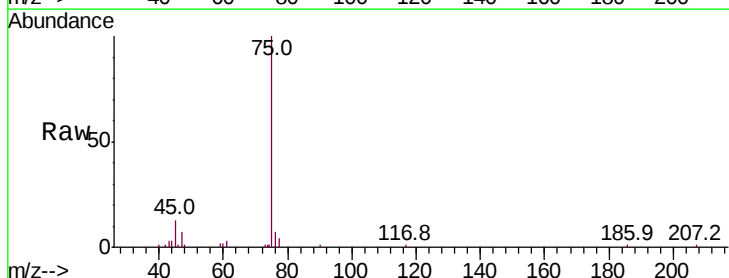
Instrument :
MSVOA_W
ClientSampleId :
TS-ERE

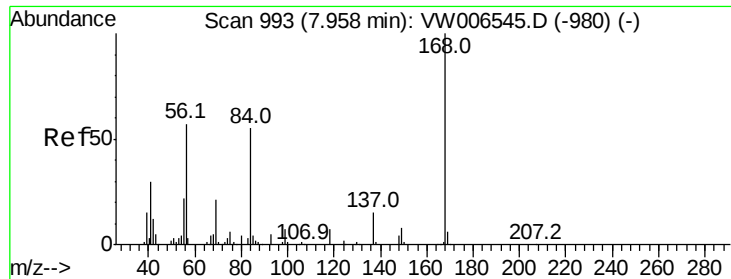
Tot Ion: 84 Resp: 6417
Ion Ratio Lower Upper
84 100
49 109.0 88.2 132.4
51 33.7 27.0 40.6
86 64.9 53.8 80.8



#25
2-Butanone
Concen: 1.991 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.03 min
Lab File: VW006769.D
Acq: 08 Nov 2018 16:40

Tgt Ion: 43 Resp: 1069
Ion Ratio Lower Upper
43 100
72 0.0 23.2 34.8#





#31

Cyclohexane

Concen: 1.258 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006769.D

Acq: 08 Nov 2018 16:40

Instrument :

MSVOA_W

ClientSampleId :

TS-ERE

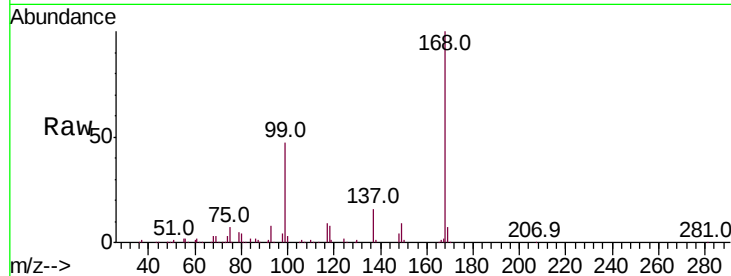
Tot Ion: 56 Resp: 4669

Ion Ratio Lower Upper

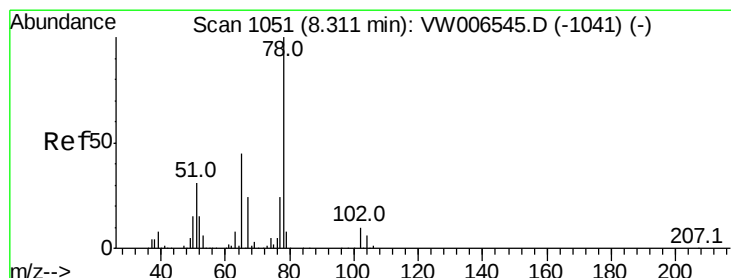
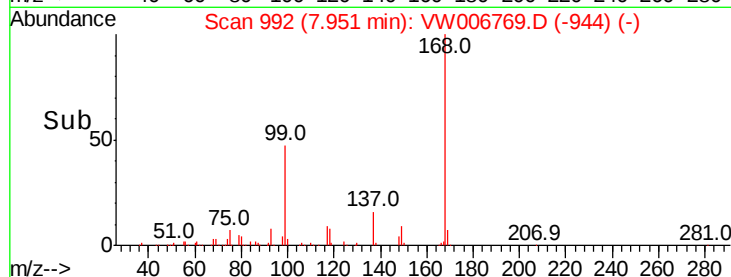
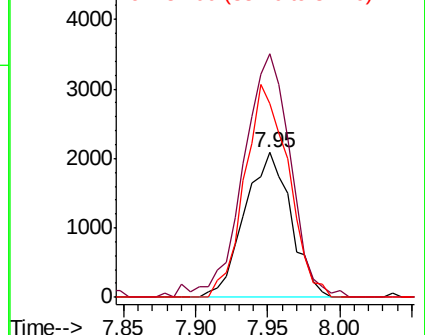
56 100

69 164.7 29.0 43.4#

84 133.9 77.8 116.6#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 35.671 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006769.D

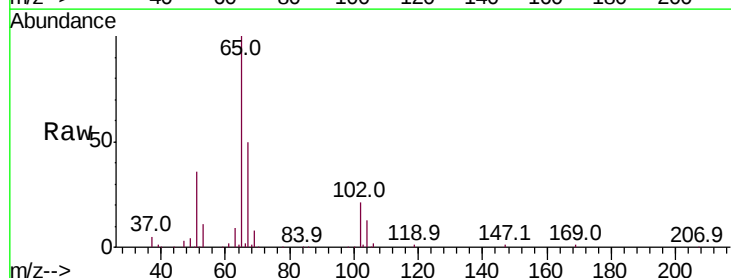
Acq: 08 Nov 2018 16:40

Tgt Ion: 65 Resp: 83142

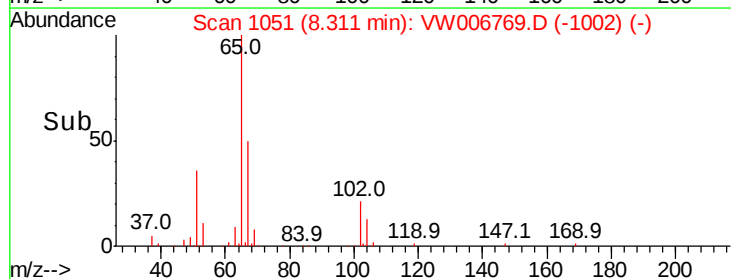
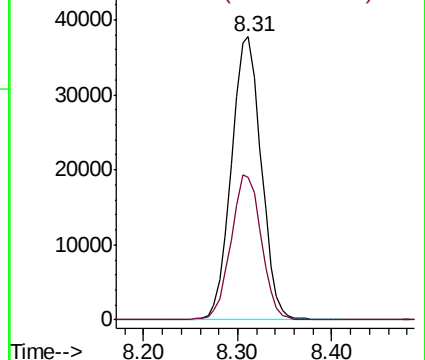
Ion Ratio Lower Upper

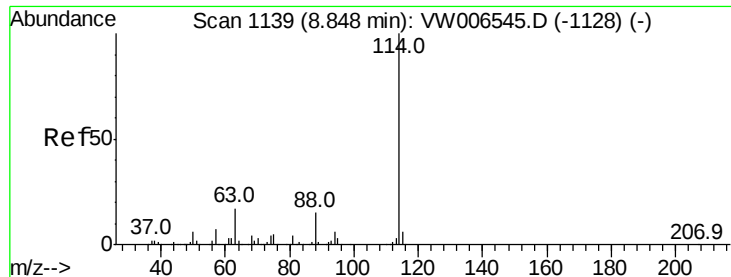
65 100

67 52.2 0.0 104.4



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

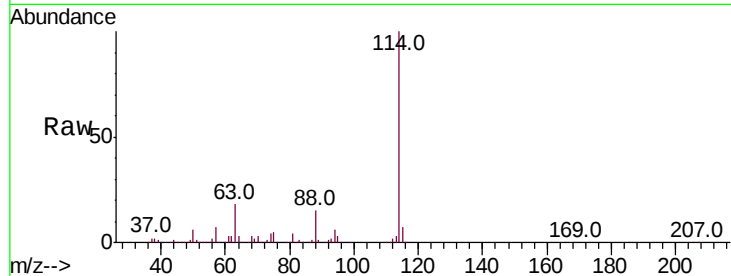




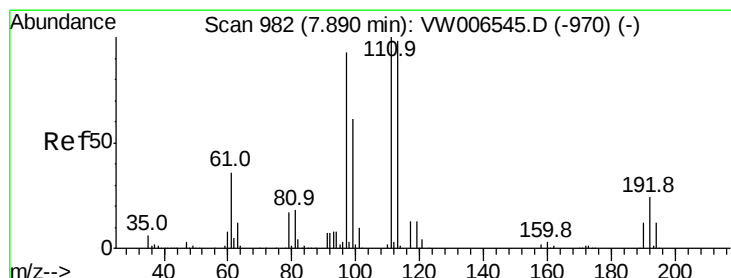
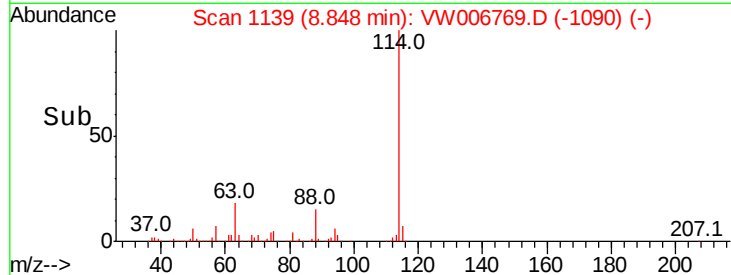
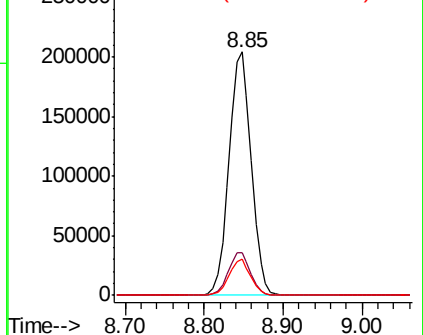
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006769.D
 Acq: 08 Nov 2018 16:40

Instrument :
 MSVOA_W
 ClientSampled :
 TS-ERE

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	34.4
88	14.7	0.0	29.0

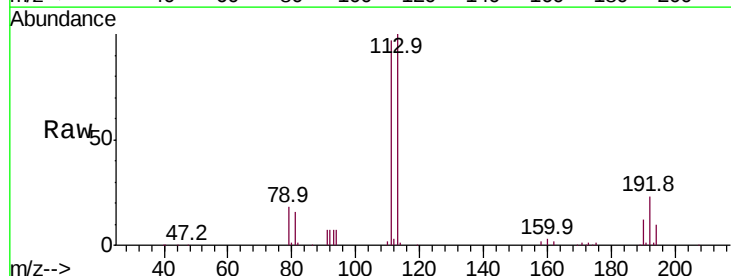


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

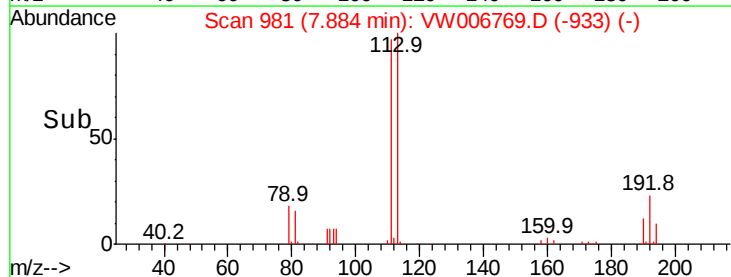
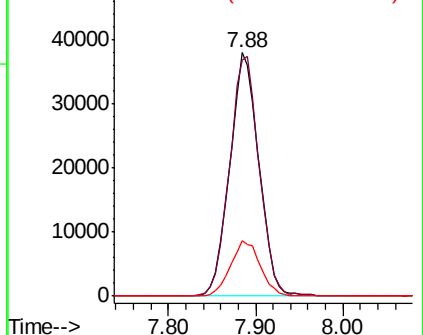


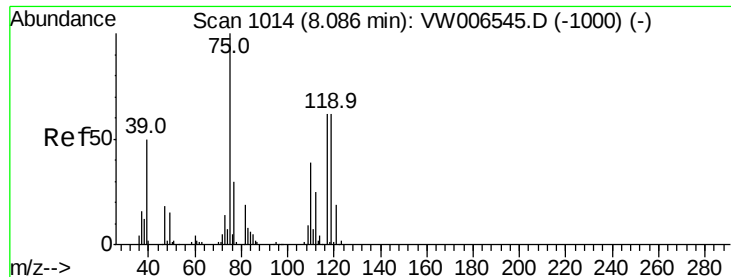
#35
 Dibromofluoromethane
 Concen: 34.945 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006769.D
 Acq: 08 Nov 2018 16:40

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.5	82.2	123.2
192	23.2	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: 4.891 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006769.D

Acq: 08 Nov 2018 16:40

Instrument :

MSVOA_W

ClientSampled :

TS-ERE

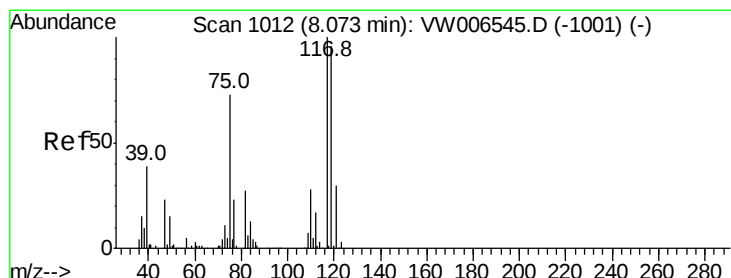
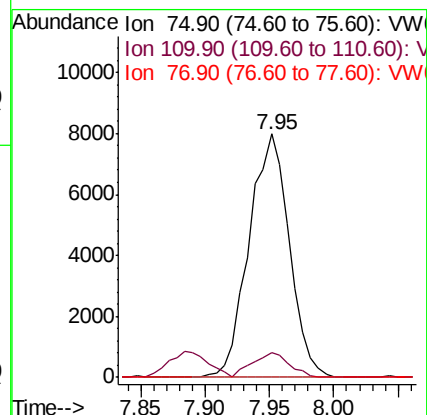
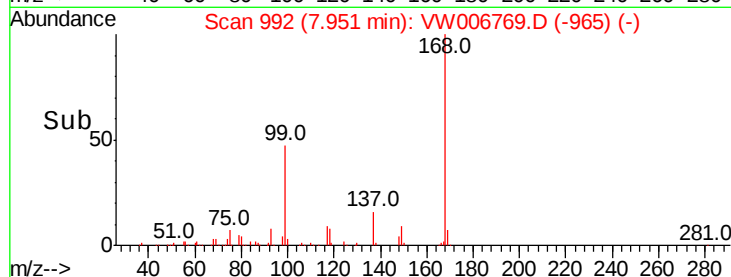
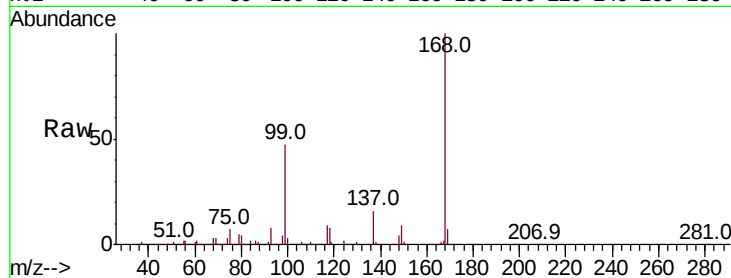
Tot Ion: 75 Resp: 17206

Ion Ratio Lower Upper

75 100

110 9.4 19.5 58.5#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 6.278 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006769.D

Acq: 08 Nov 2018 16:40

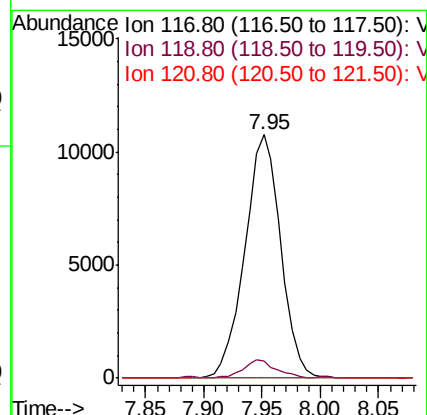
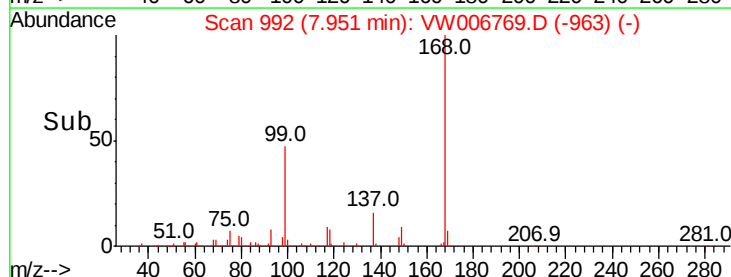
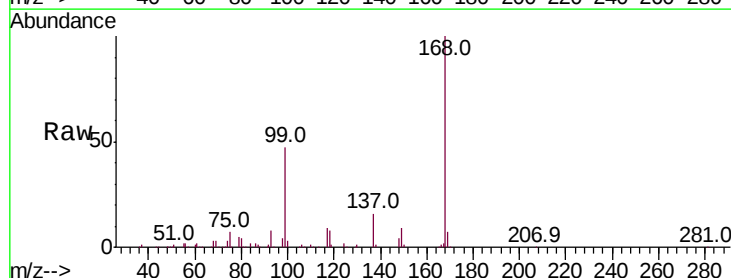
Tgt Ion: 117 Resp: 23074

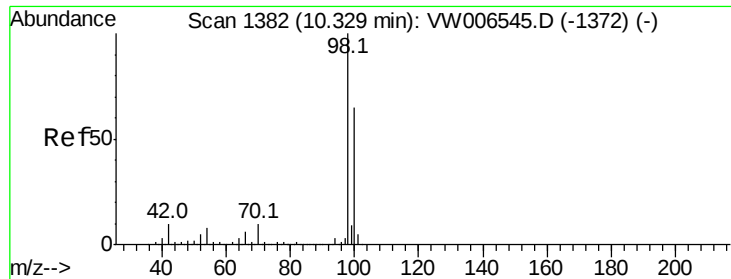
Ion Ratio Lower Upper

117 100

119 6.9 76.3 114.5#

121 0.0 24.1 36.1#

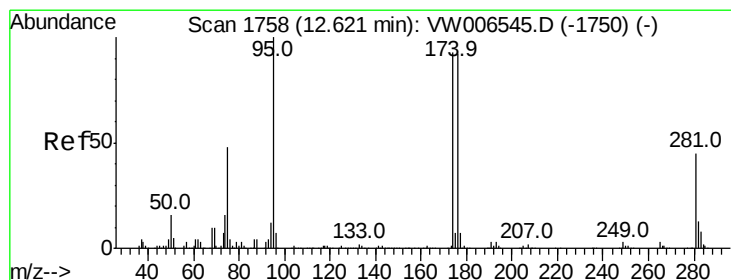
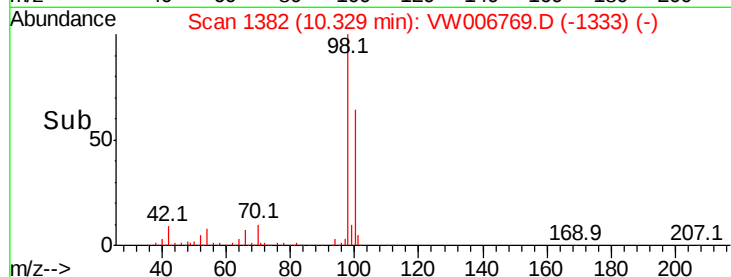
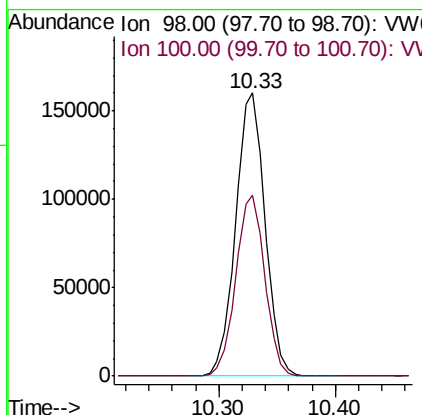
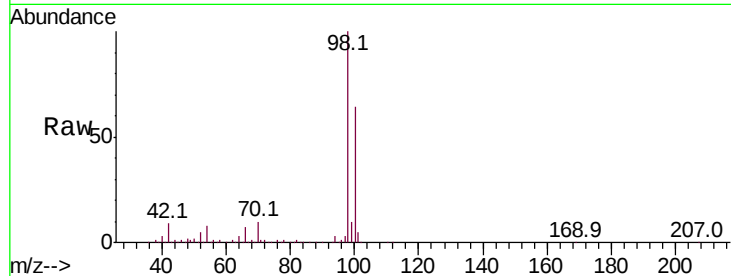




#50
Toluene-d8
Concen: 29.477 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006769.D
Acq: 08 Nov 2018 16:40

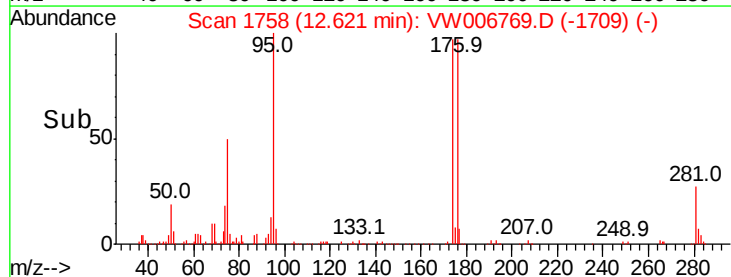
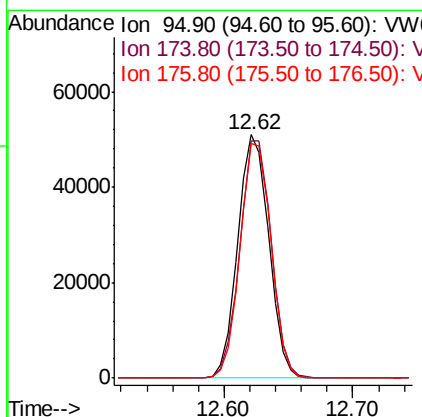
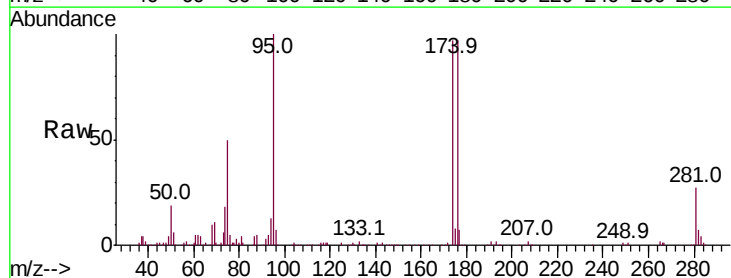
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ClientSampleId :
TS-ERE

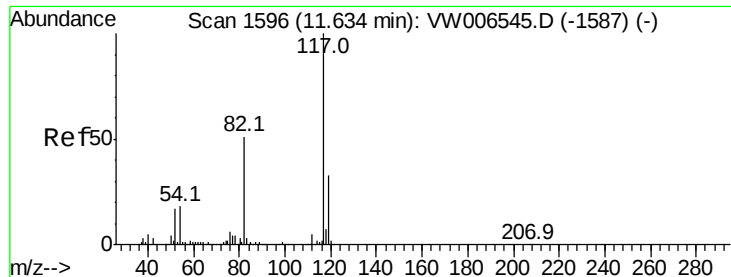
Tot Ion: 98 Resp: 281691
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 24.491 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006769.D
Acq: 08 Nov 2018 16:40

Tgt Ion: 95 Resp: 84850
Ion Ratio Lower Upper
95 100
174 98.7 0.0 192.4
176 96.6 0.0 187.4

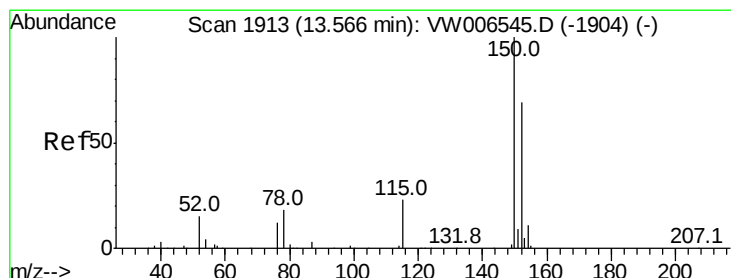
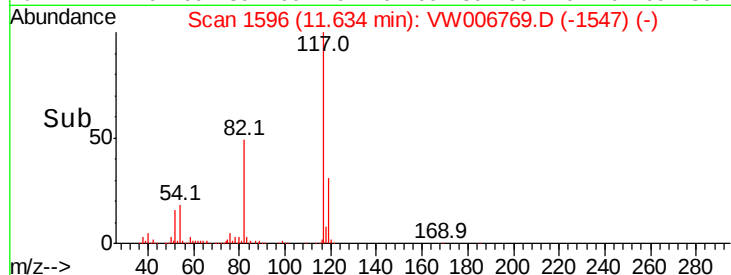
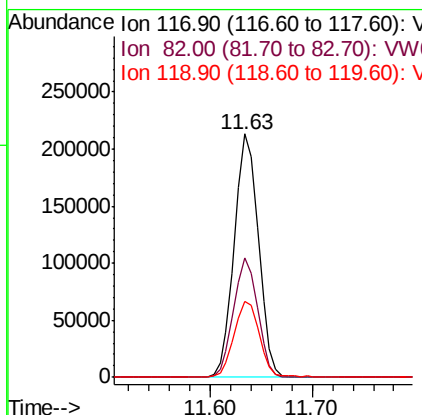
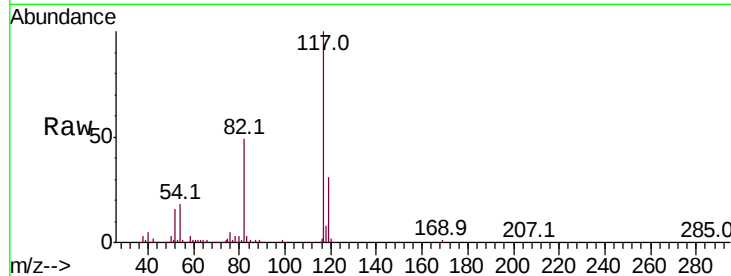




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006769.D
Acq: 08 Nov 2018 16:40

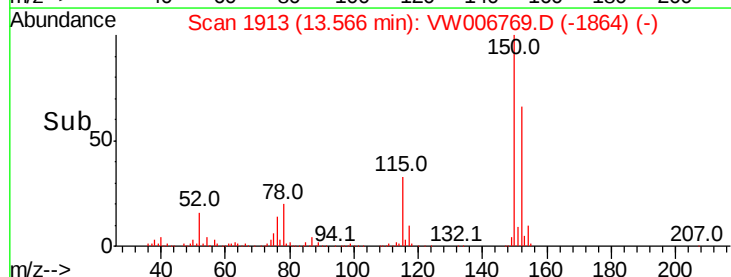
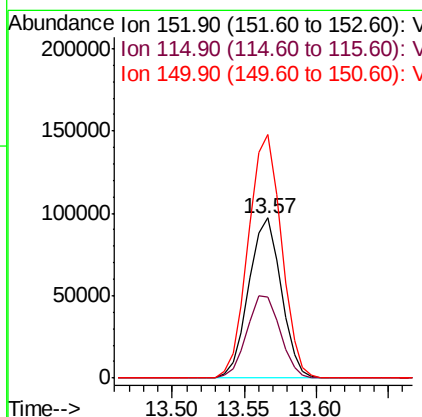
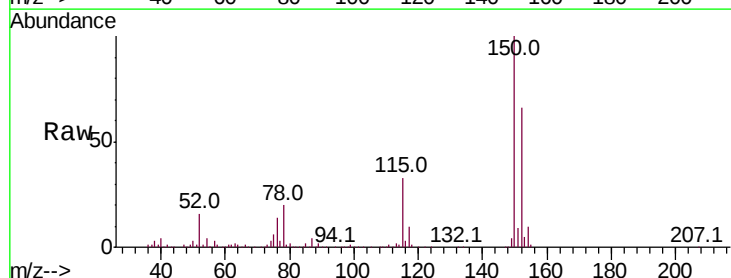
Instrument :
MSVOA_W
ClientSampled :
TS-ERE

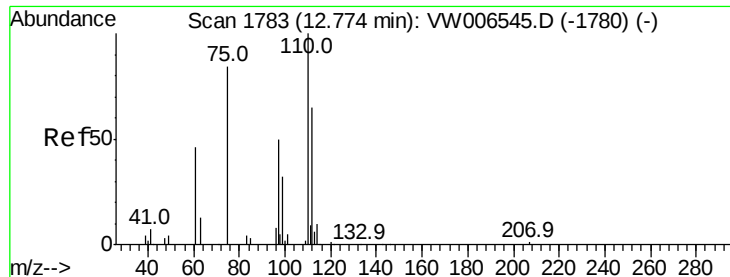
Tot Ion:117 Resp: 348905
Ion Ratio Lower Upper
117 100
82 48.9 40.8 61.2
119 31.0 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006769.D
Acq: 08 Nov 2018 16:40

Tgt Ion:152 Resp: 151508
Ion Ratio Lower Upper
152 100
115 53.2 26.6 79.8
150 155.0 0.0 344.6

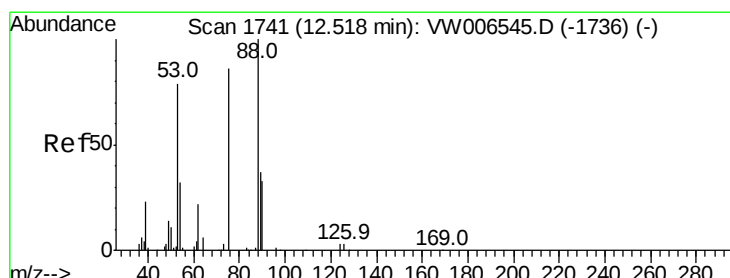
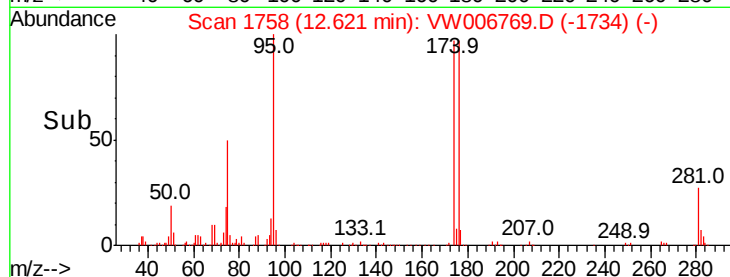
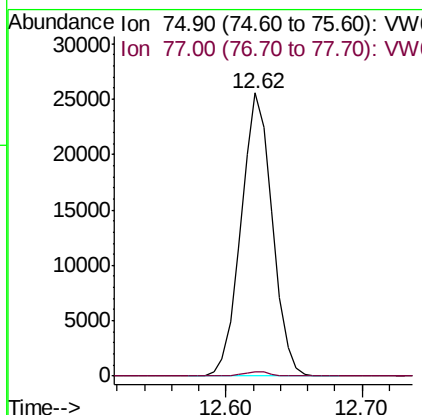
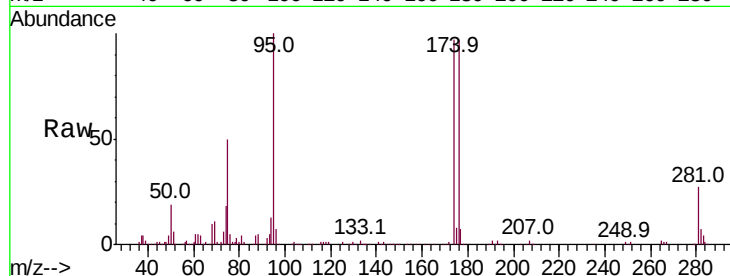




#76
 1,2,3-Trichloropropane
 Concen: 34.707 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006769.D
 Acq: 08 Nov 2018 16:40

Instrument :
 MSVOA_W
 ClientSampleId :
 TS-ERE

Tot Ion: 75 Resp: 41027
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.758 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006769.D
 Acq: 08 Nov 2018 16:40

Tgt Ion: 75 Resp: 41027
 Ion Ratio Lower Upper
 75 100
 53 0.1 77.2 115.8#
 89 0.3 38.6 58.0#

