

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110818\
 Data File : VW006763.D
 Acq On : 08 Nov 2018 14:06
 Operator : SY/AP
 Sample : J5813-07
 Misc : 6.20G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TS-G

Quant Time: Nov 09 11:13:39 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

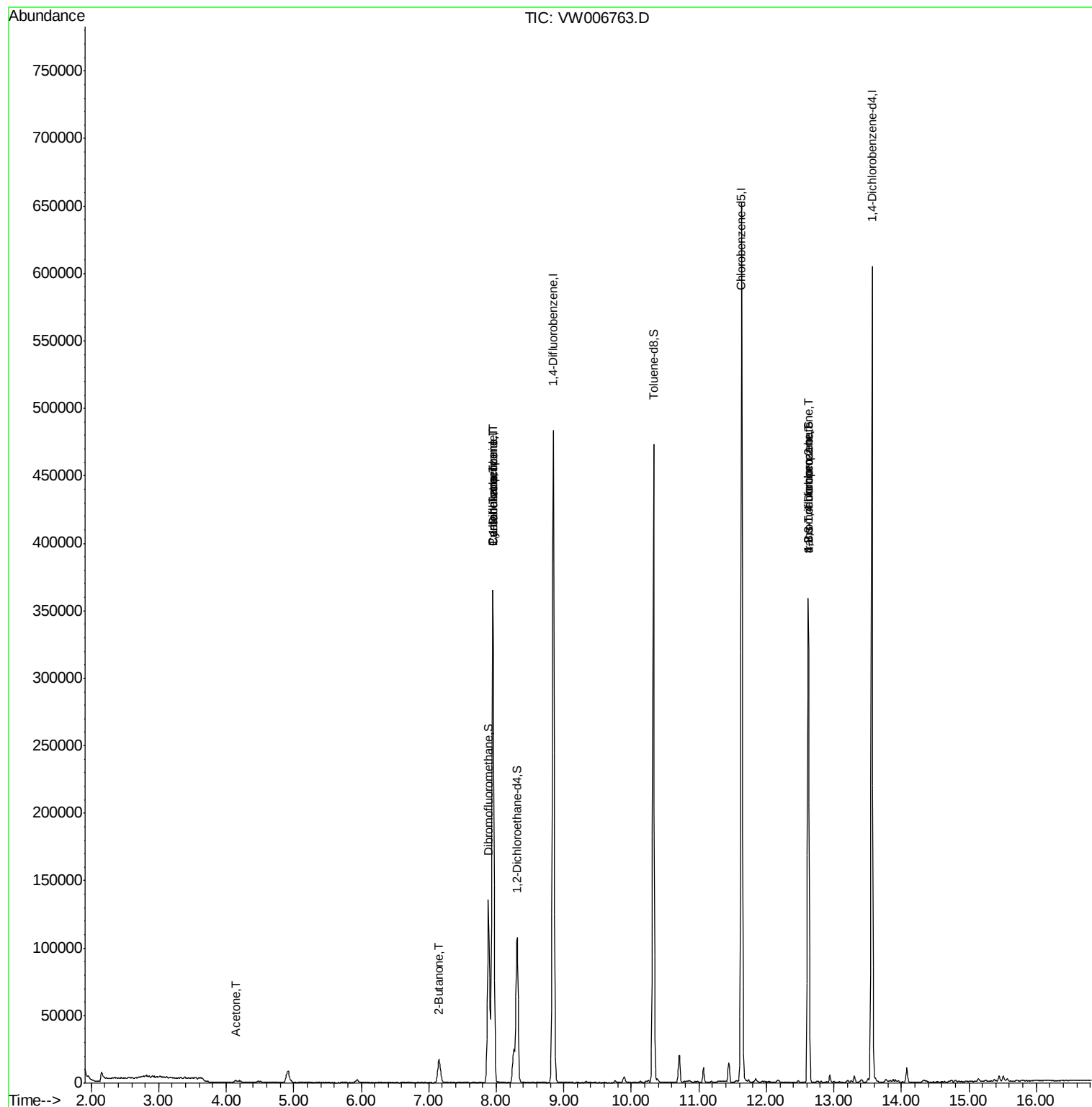
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	305752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	440708	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	382253	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	176180	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	85472	32.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.04%	
35) Dibromofluoromethane	7.88	113	94597	34.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.40%	
50) Toluene-d8	10.33	98	322363	30.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.24%	
62) 4-Bromofluorobenzene	12.62	95	102060	26.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	53.48%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	2736	6.448	ug/l	99
20) Methylene Chloride	4.92	84	7453	Below Cal		92
25) 2-Butanone	7.15	43	757	1.250	ug/l #	46
31) Cyclohexane	7.95	56	5057	1.208	ug/l #	4
36) 1,1-Dichloropropene	7.95	75	19100	4.928	ug/l #	48
38) Carbon Tetrachloride	7.95	117	26916	6.646	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	49431	35.960	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	49431	90.832	ug/l #	11

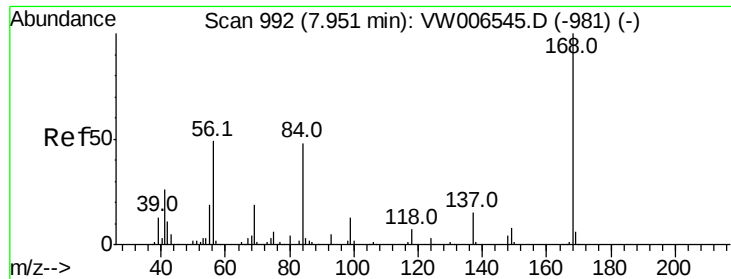
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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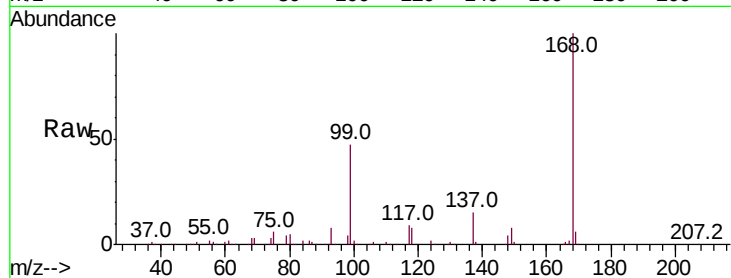


#1

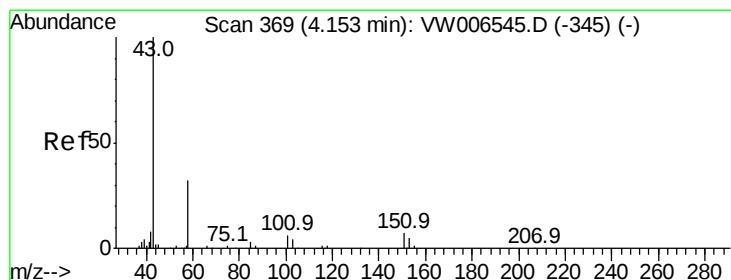
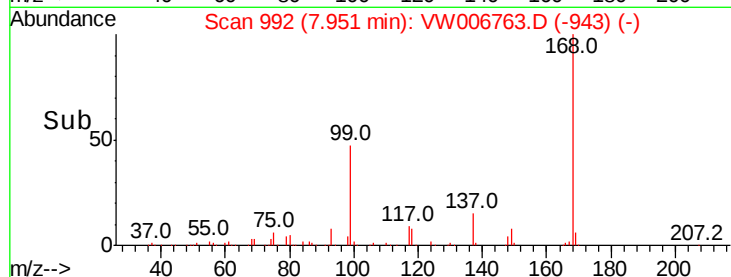
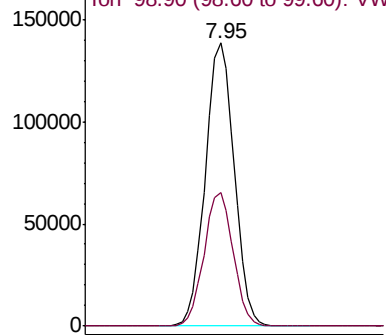
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: VW006763.D
 Acq: 08 Nov 2018 14:06

Instrument :
 MSVOA_W
 ClientSampleId :
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Tot Ion:168 Resp: 305752
 Ion Ratio Lower Upper
 168 100
 99 47.2 37.4 56.0



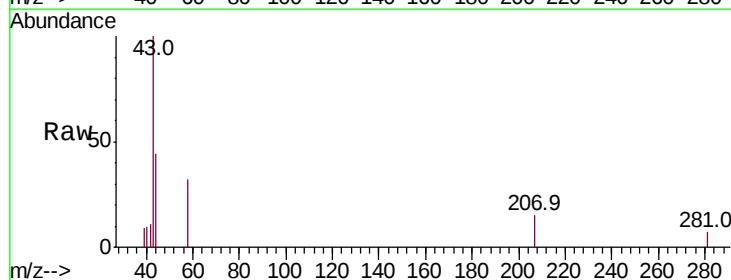
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VW



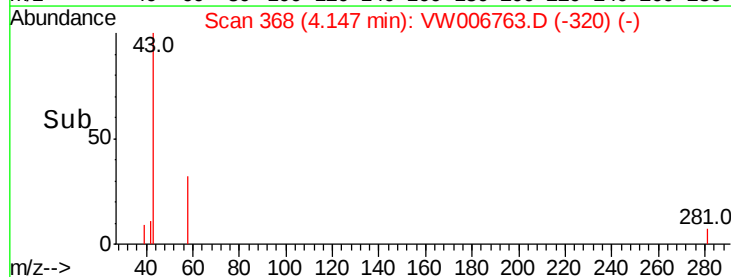
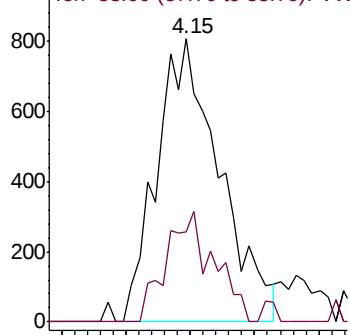
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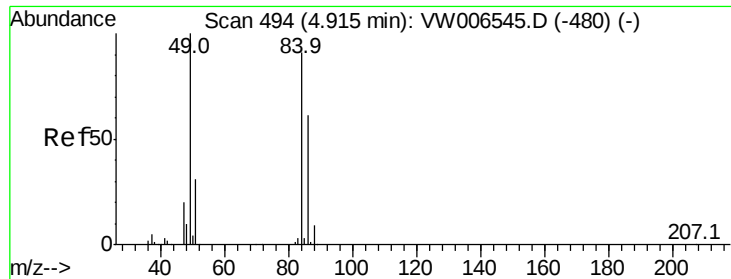
Acetone
 Concen: 6.448 ug/l
 RT: 4.15 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VW006763.D
 Acq: 08 Nov 2018 14:06

Tgt Ion: 43 Resp: 2736
 Ion Ratio Lower Upper
 43 100
 58 31.9 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

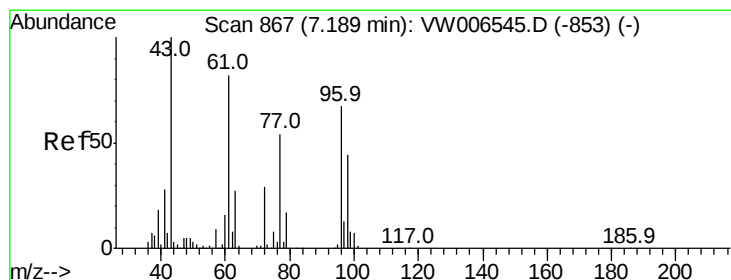
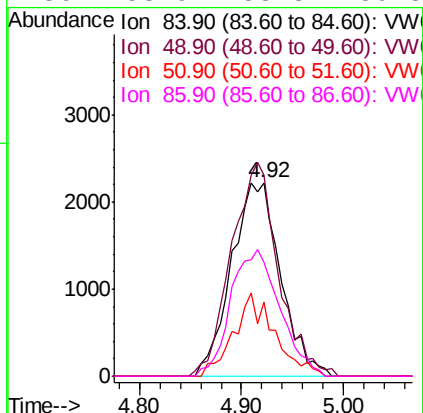
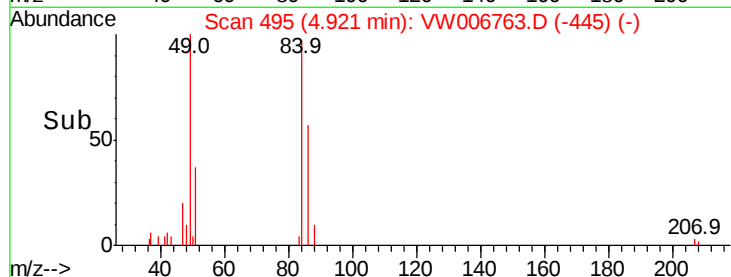
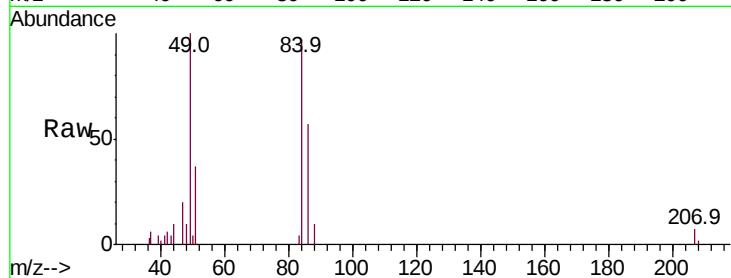




#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW006763.D
Acq: 08 Nov 2018 14:06

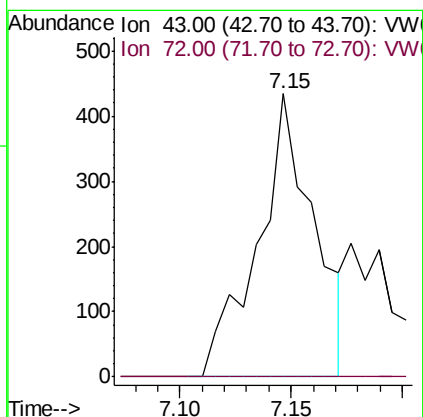
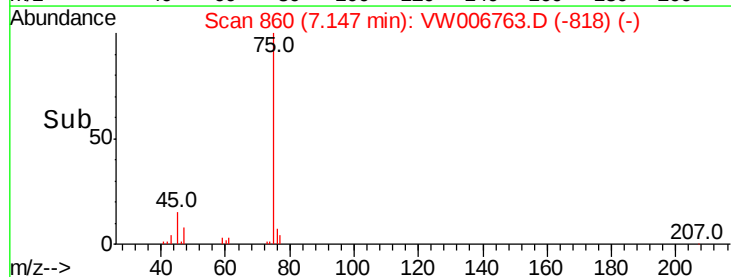
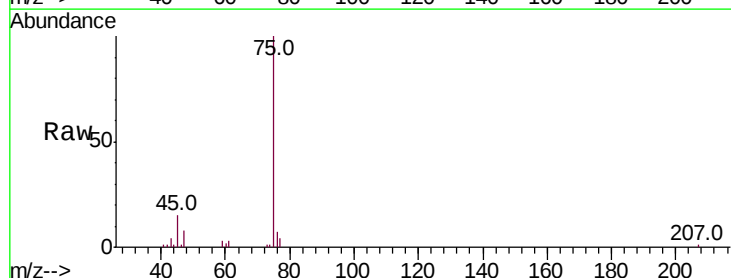
Instrument :
MSVOA_W
ClientSampled :
TS-G

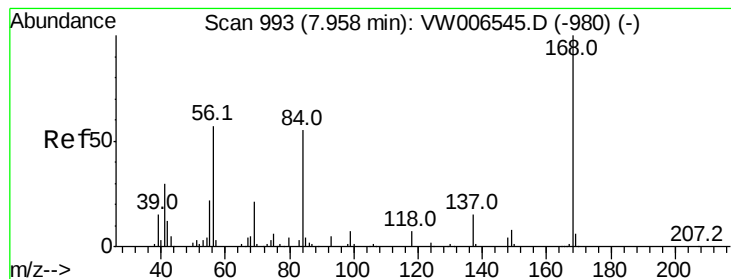
Tot Ion:	84	Resp:	7453
Ion	Ratio	Lower	Upper
84	100		
49	103.4	88.2	132.4
51	38.1	27.0	40.6
86	58.9	53.8	80.8



#25
2-Butanone
Concen: 1.250 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.04 min
Lab File: VW006763.D
Acq: 08 Nov 2018 14:06

Tgt Ion:	43	Resp:	757
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.2	34.8#





#31

Cyclohexane

Concen: 1.208 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006763.D

Acq: 08 Nov 2018 14:06

Instrument :

MSVOA_W

ClientSampled :

TS-G

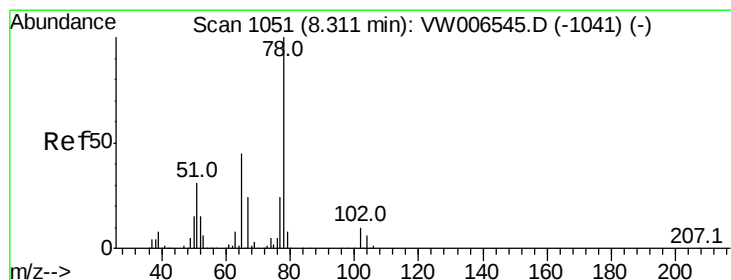
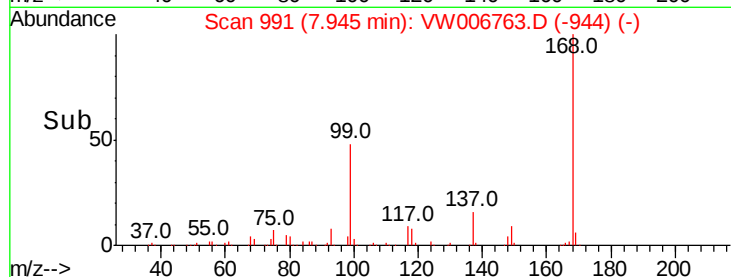
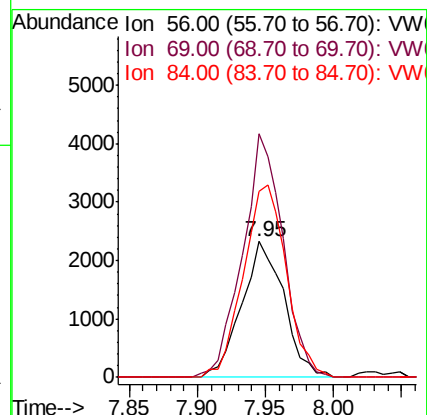
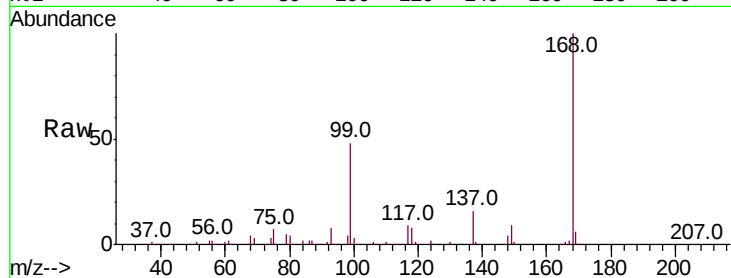
Tot Ion: 56 Resp: 5057

Ion Ratio Lower Upper

56 100

69 179.7 29.0 43.4#

84 137.6 77.8 116.6#



#33

1,2-Dichloroethane-d4

Concen: 32.521 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006763.D

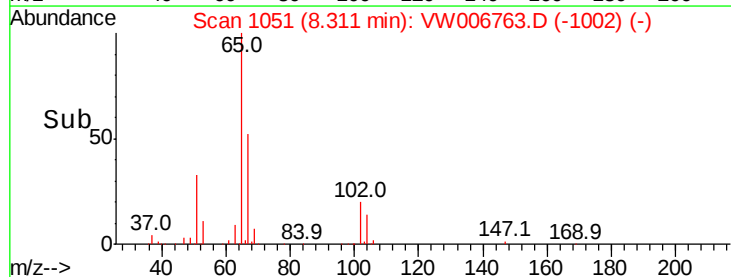
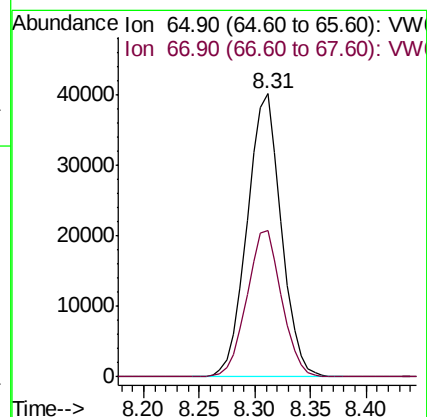
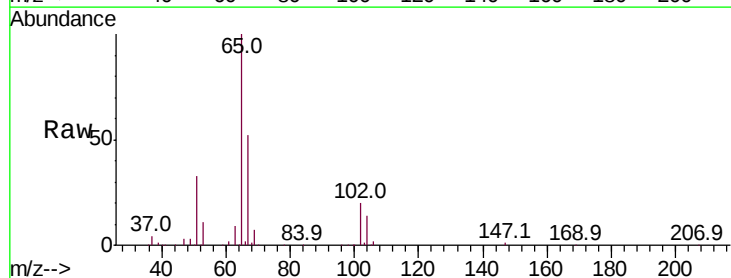
Acq: 08 Nov 2018 14:06

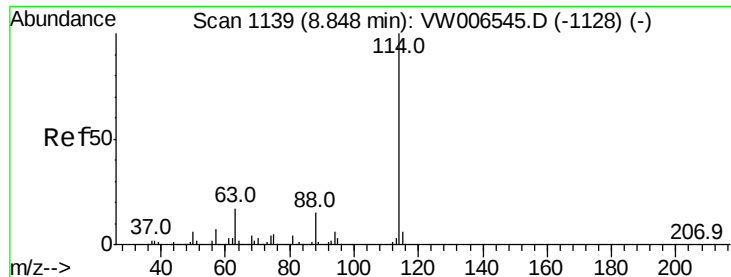
Tgt Ion: 65 Resp: 85472

Ion Ratio Lower Upper

65 100

67 52.9 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: VW006763.D

Acq: 08 Nov 2018 14:06

Instrument :

MSVOA_W

ClientSampleId :

TS-G

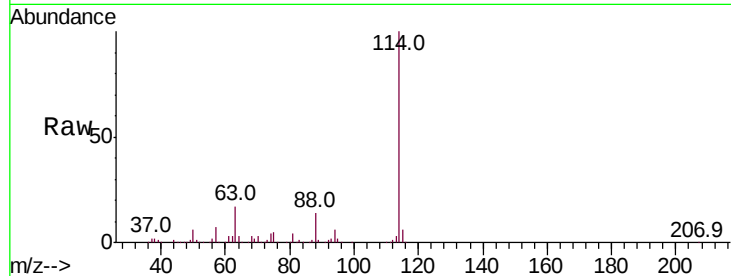
Tot Ion:114 Resp: 440708

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.4

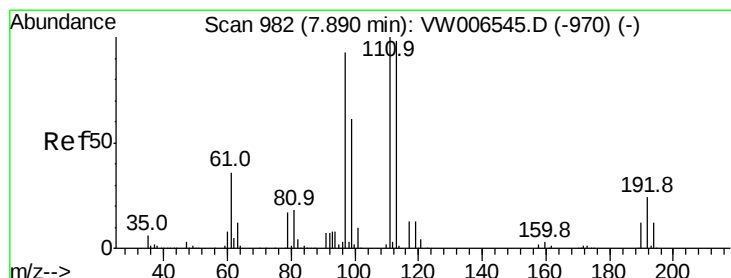
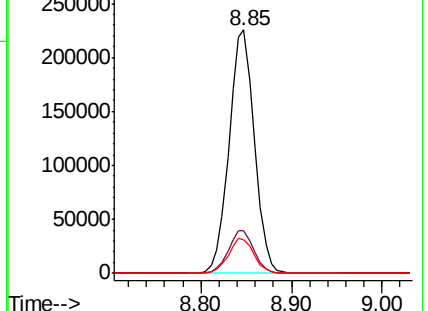
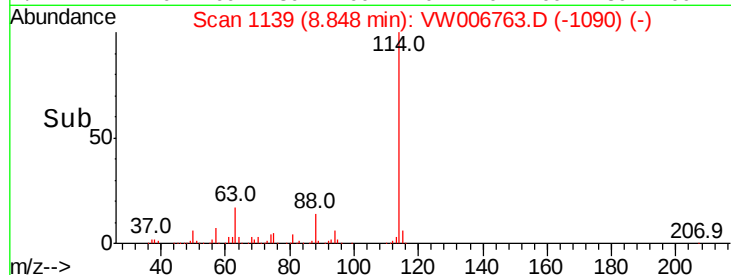
88 13.8 0.0 29.0



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: 34.203 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006763.D

Acq: 08 Nov 2018 14:06

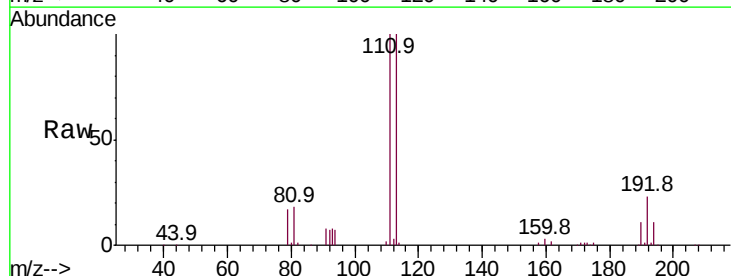
Tgt Ion:113 Resp: 94597

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

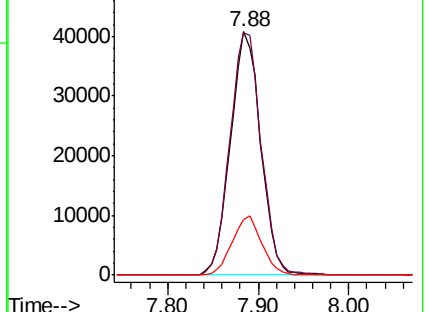
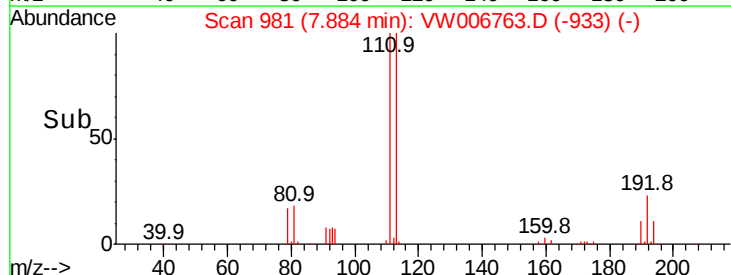
192 23.7 19.0 28.6

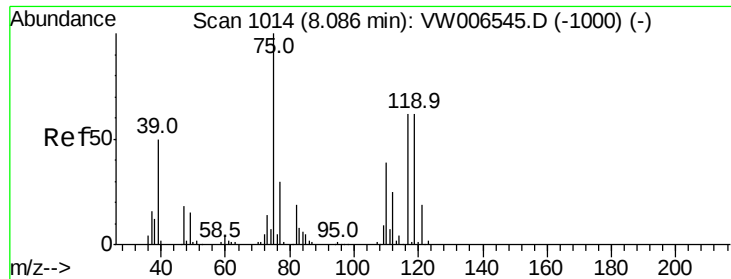


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

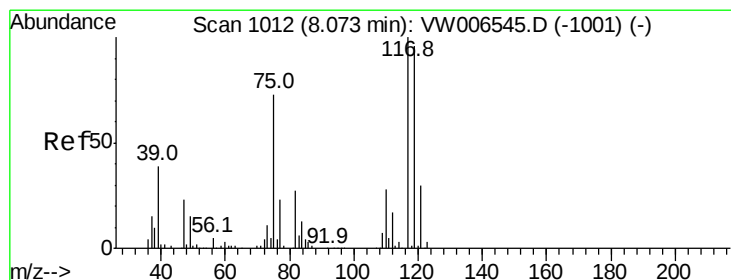
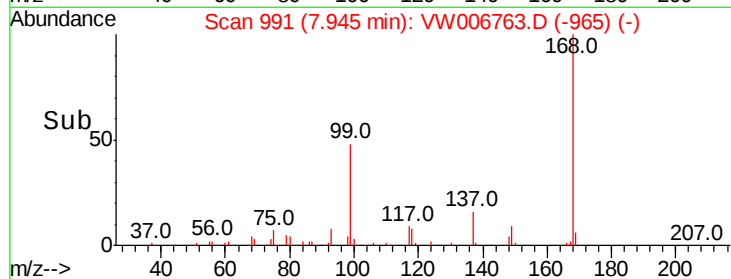
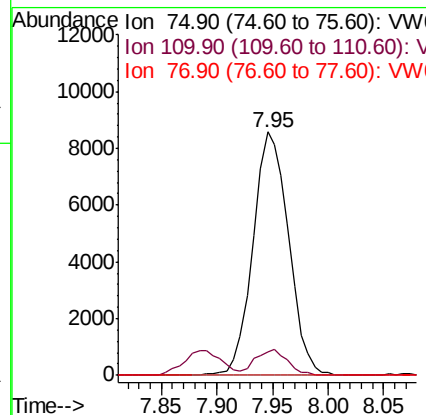
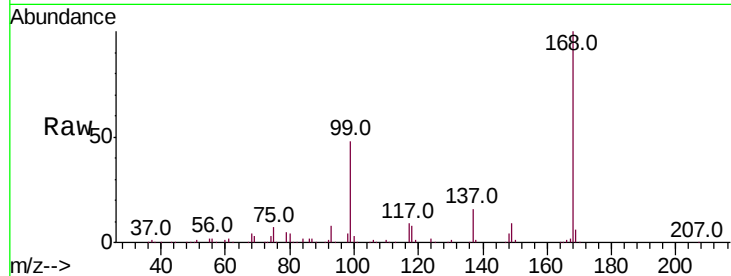




#36
 1,1-Dichloropropene
 Concen: 4.928 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006763.D
 Acq: 08 Nov 2018 14:06

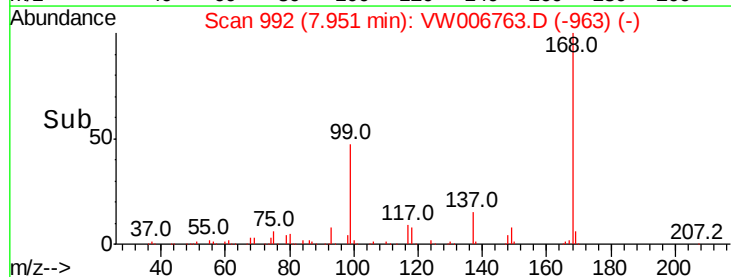
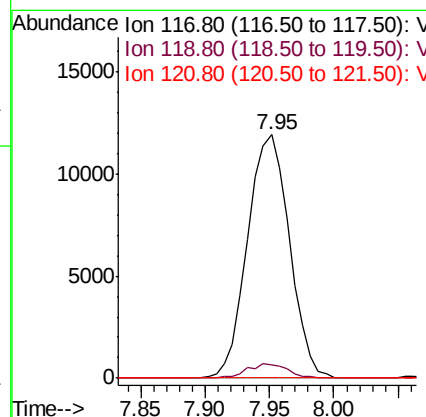
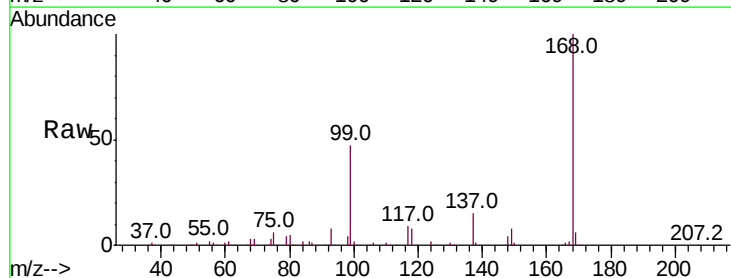
Instrument :
 MSVOA_W
 ClientSampleId :
 TS-G

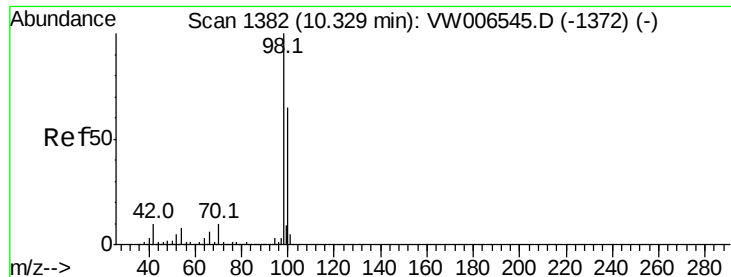
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.6	19.5	58.5#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.646 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006763.D
 Acq: 08 Nov 2018 14:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.3	114.5#
121	0.0	24.1	36.1#

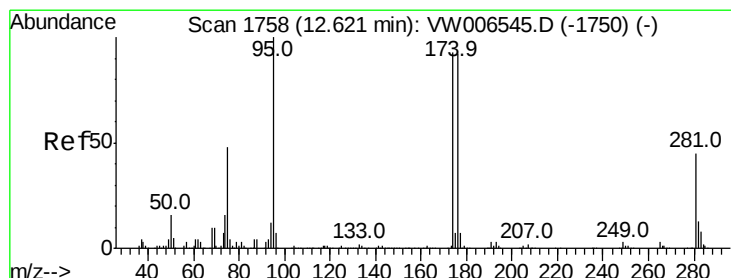
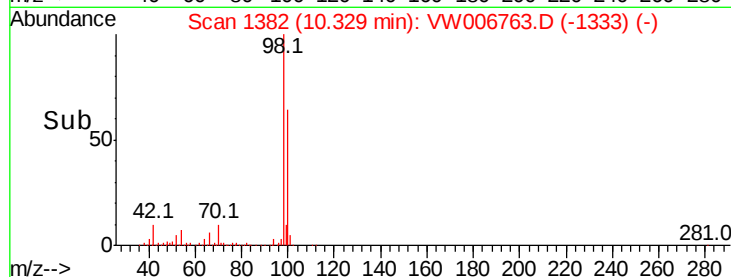
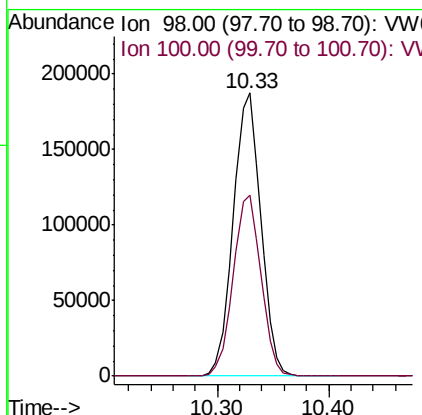
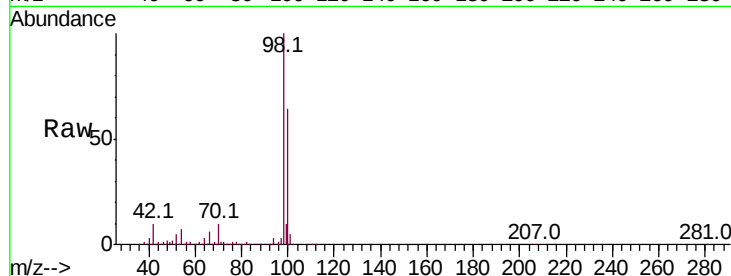




#50
Toluene-d8
Concen: 30.617 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006763.D
Acq: 08 Nov 2018 14:06

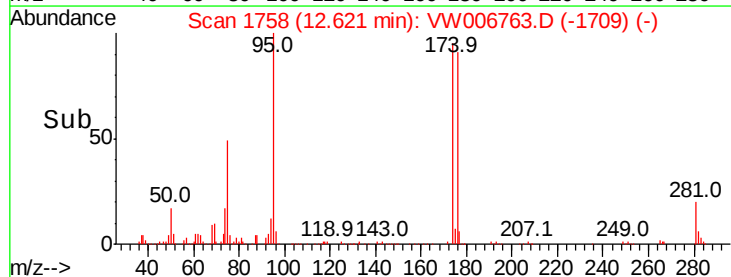
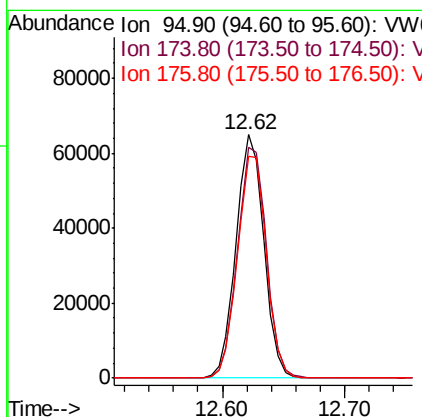
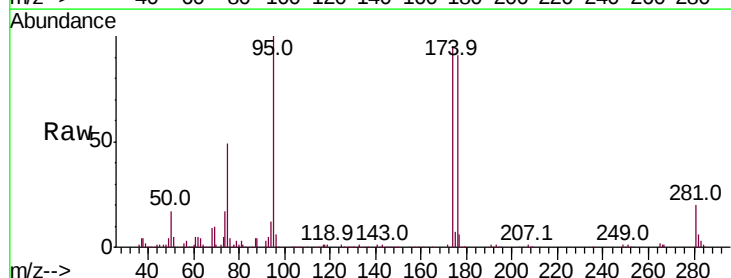
Instrument :
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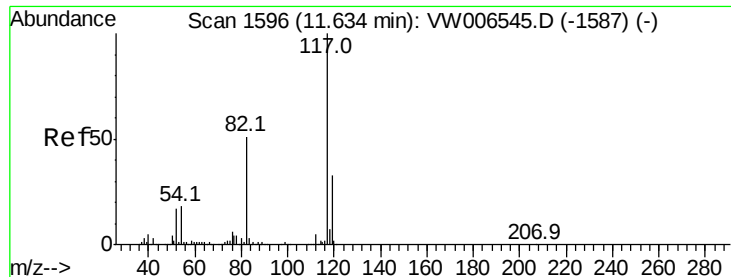
Tot Ion: 98 Resp: 322363
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 26.737 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006763.D
Acq: 08 Nov 2018 14:06

Tgt Ion: 95 Resp: 102060
Ion Ratio Lower Upper
95 100
174 98.5 0.0 192.4
176 95.0 0.0 187.4

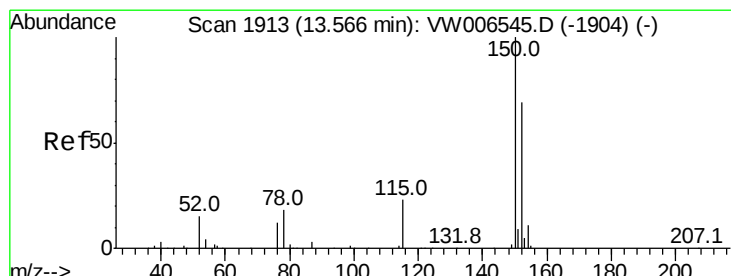
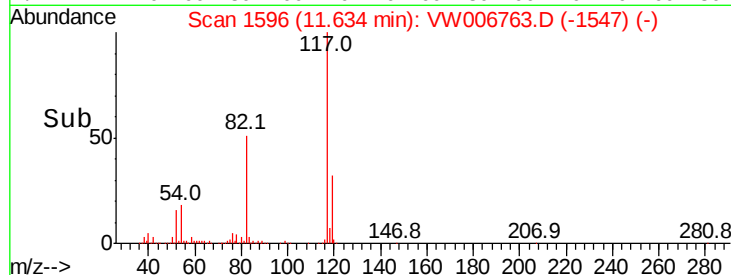
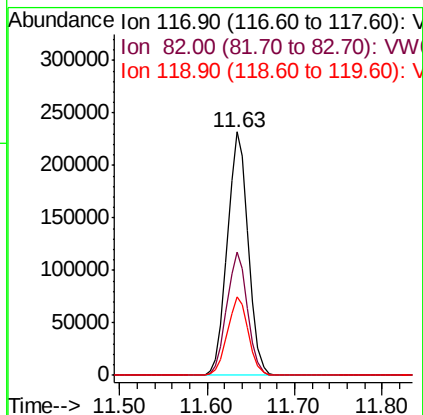
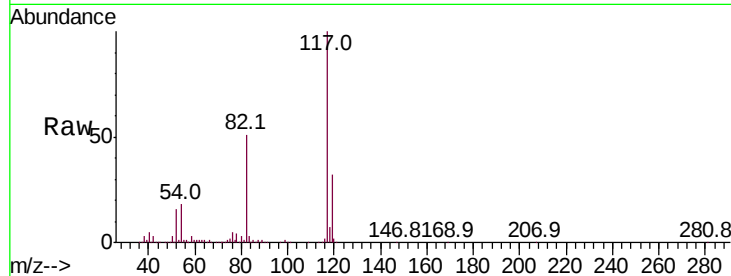




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006763.D
Acq: 08 Nov 2018 14:06

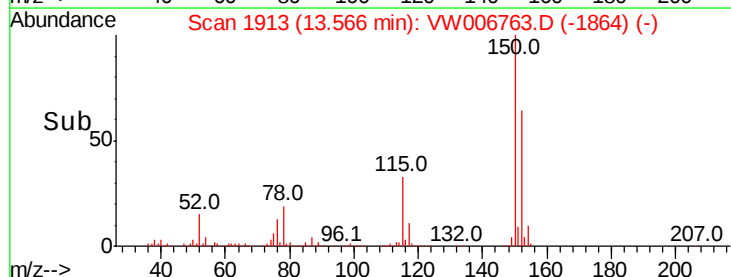
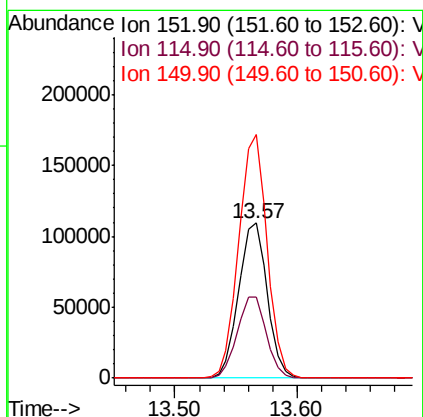
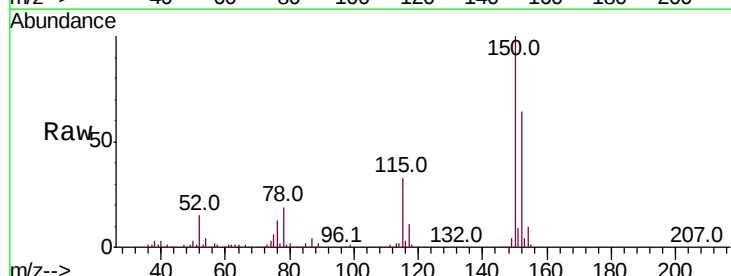
Instrument :
MSVOA_W
ClientSampleId :
TS-G

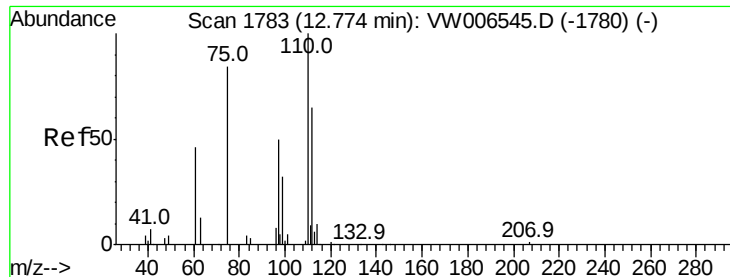
Tot Ion:117 Resp: 382253
Ion Ratio Lower Upper
117 100
82 50.7 40.8 61.2
119 32.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006763.D
Acq: 08 Nov 2018 14:06

Tgt Ion:152 Resp: 176180
Ion Ratio Lower Upper
152 100
115 53.3 26.6 79.8
150 156.0 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 35.960 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006763.D

Acq: 08 Nov 2018 14:06

Instrument :

MSVOA_W

ClientSampleId :

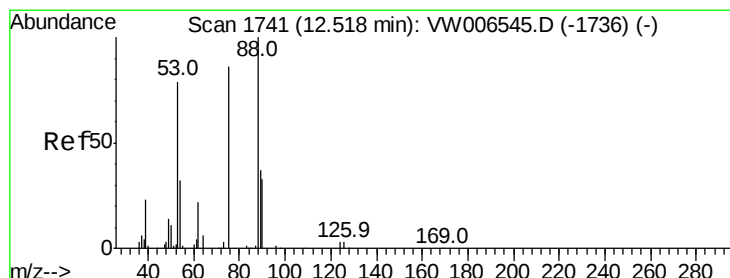
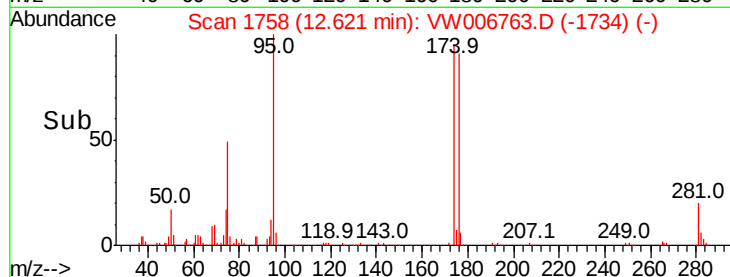
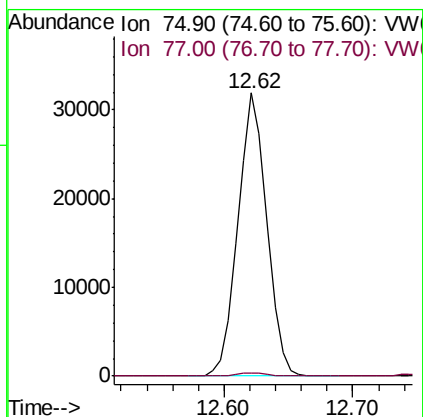
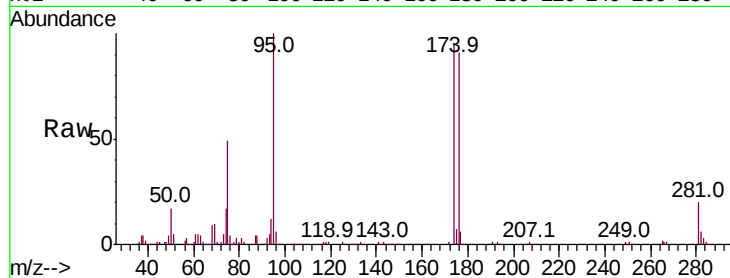
TS-G

Tot Ion: 75 Resp: 49431

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 90.832 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006763.D

Acq: 08 Nov 2018 14:06

Tgt Ion: 75 Resp: 49431

Ion Ratio Lower Upper

75 100

53 0.1 77.2 115.8#

89 0.0 38.6 58.0#

