

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122018\
 Data File : VW007694.D
 Acq On : 19 Dec 2018 08:51
 Operator : SY/AP
 Sample : J6386-17
 Misc : 6.37G/5ML/MSVOA W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 10:00:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	47501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	82959	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	60400	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	17085	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	28731	54.52	ug/l	0.00
Spiked Amount			Recovery	=	109.04%	
35) Dibromofluoromethane	7.88	113	23955	47.70	ug/l	0.00
Spiked Amount			Recovery	=	95.40%	
50) Toluene-d8	10.32	98	67505	35.85	ug/l	0.00
Spiked Amount			Recovery	=	71.70%	
62) 4-Bromofluorobenzene	12.62	95	18510	26.74	ug/l	0.00
Spiked Amount			Recovery	=	53.48%	

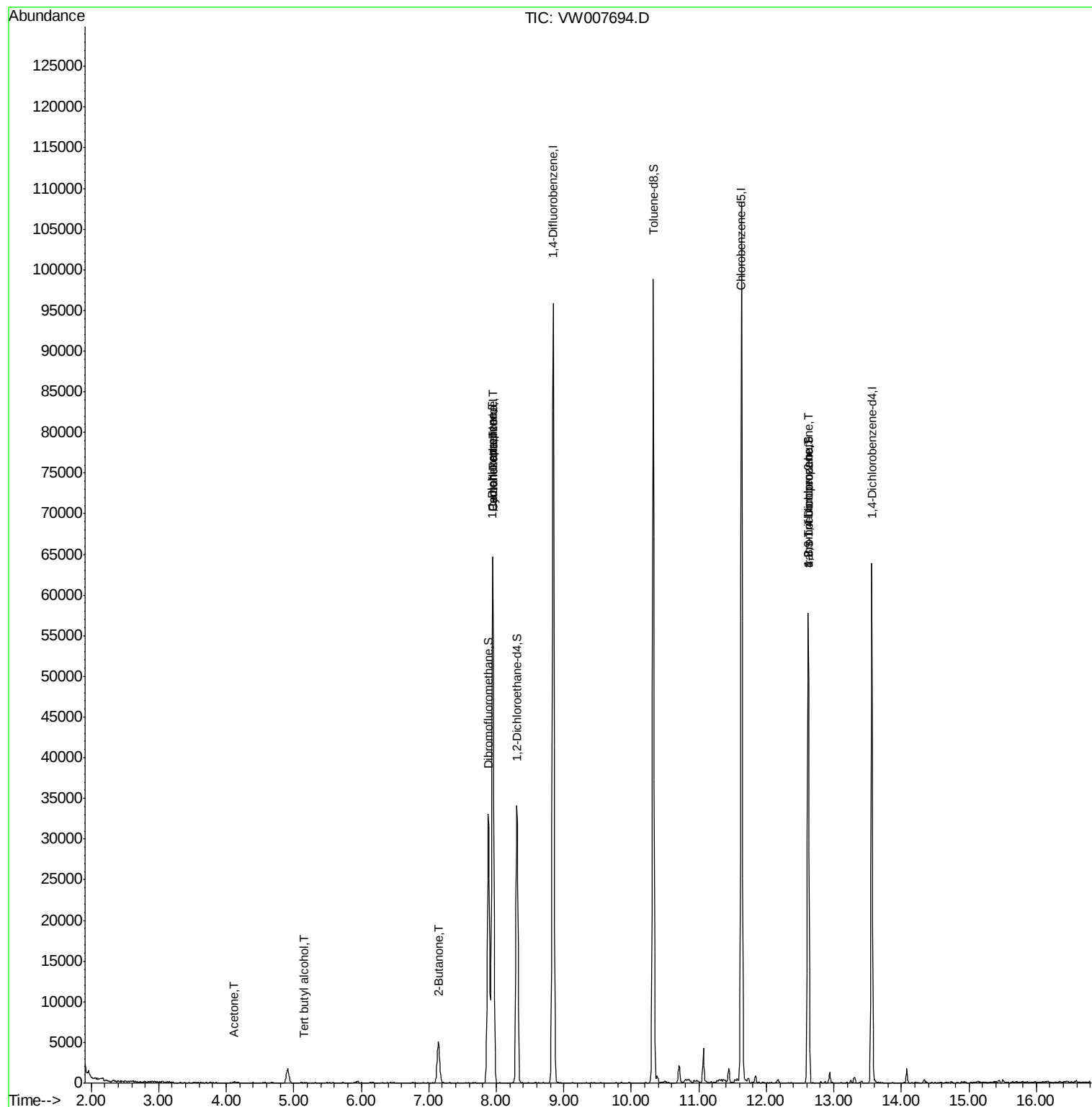
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.16	59	95	2.625	ug/l #	74
16) Acetone	4.12	43	496	5.388	ug/l #	44
20) Methylene Chloride	4.91	84	1461	Below Cal		90
25) 2-Butanone	7.15	43	181	1.506	ug/l #	45
31) Cyclohexane	7.95	56	971	1.186	ug/l #	24
36) 1,1-Dichloropropene	7.94	75	3630	4.797	ug/l #	49
38) Carbon Tetrachloride	7.95	117	4660	5.659	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	9367	66.494	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	9367	146.885	ug/l #	7

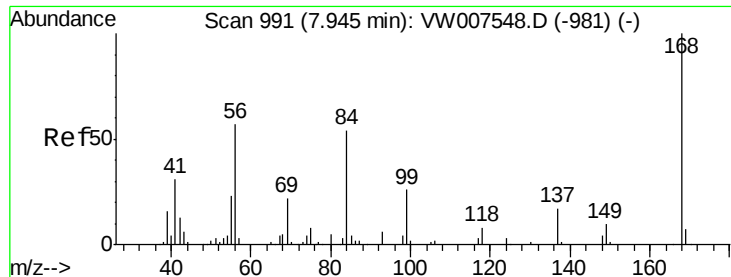
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 11 02:58:16 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: VW007694.D

Acq: 19 Dec 2018 08:51

Instrument :

MSVOA_W

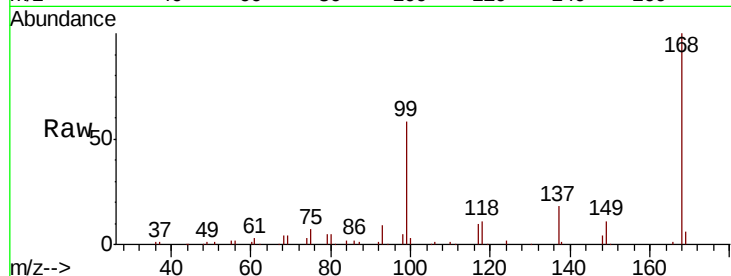
ClientSampled :

Tot Ion:168 Resp: 47501

Ion Ratio Lower Upper

168 100

99 58.5 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

15000

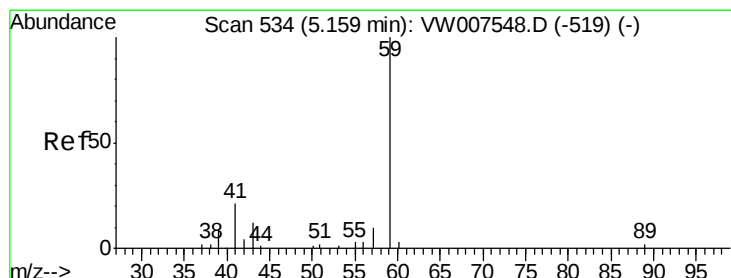
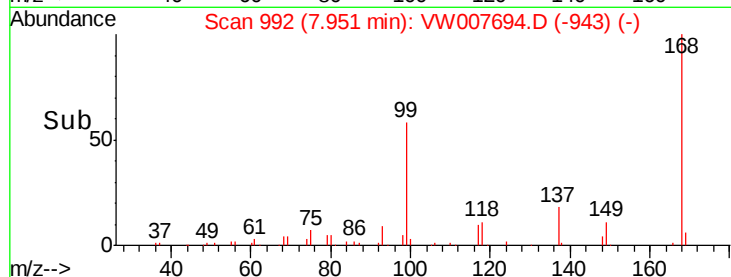
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#11

Tert butyl alcohol

Concen: 2.625 ug/l

RT: 5.16 min Scan# 534

Delta R.T. -0.01 min

Lab File: VW007694.D

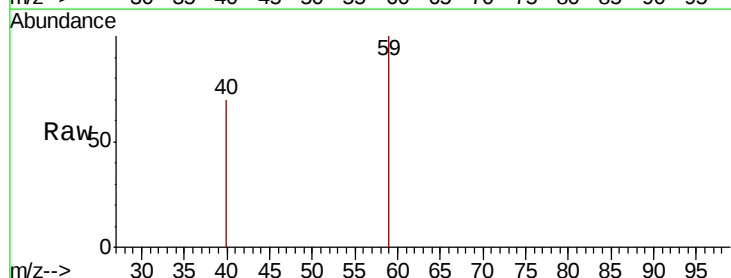
Acq: 19 Dec 2018 08:51

Tgt Ion: 59 Resp: 95

Ion Ratio Lower Upper

59 100

57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.16

80

60

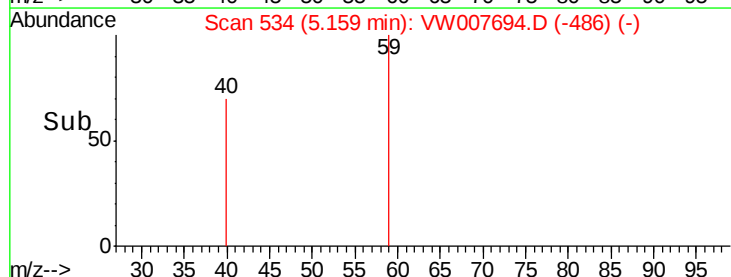
40

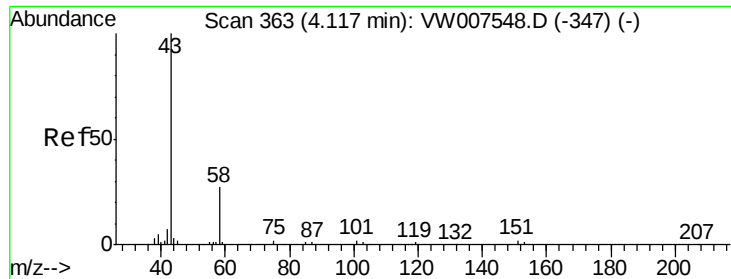
20

0

Time-->

5.12 5.14 5.16 5.18





#16

Acetone

Concen: 5.388 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007694.D

Acq: 19 Dec 2018 08:51

Instrument :

MSVOA_W

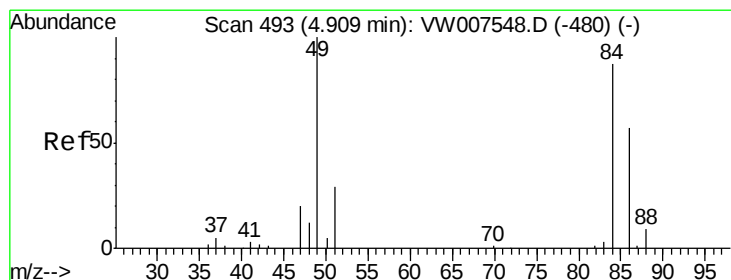
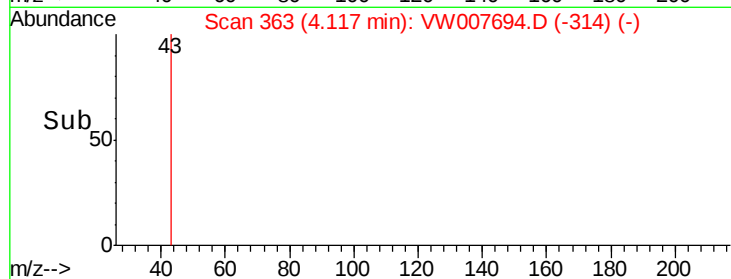
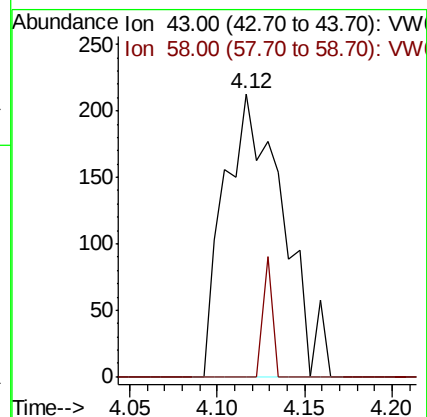
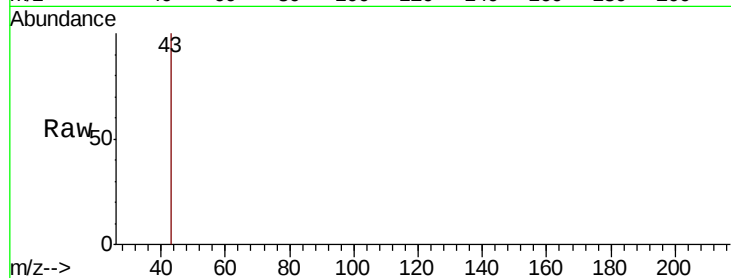
ClientSampled :

Tot Ion: 43 Resp: 496

Ion Ratio Lower Upper

43 100

58 0.0 24.9 37.3#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW007694.D

Acq: 19 Dec 2018 08:51

Tgt Ion: 84 Resp: 1461

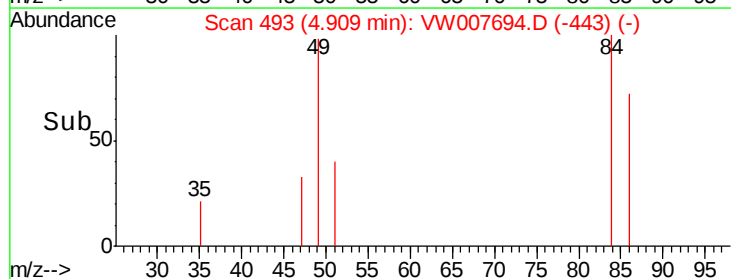
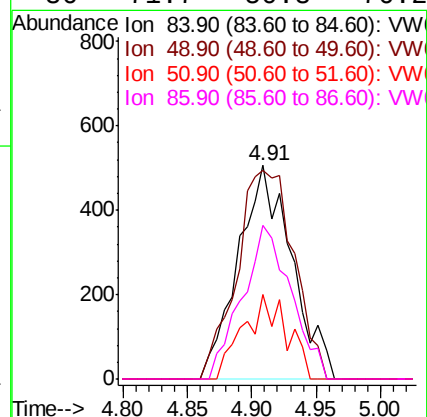
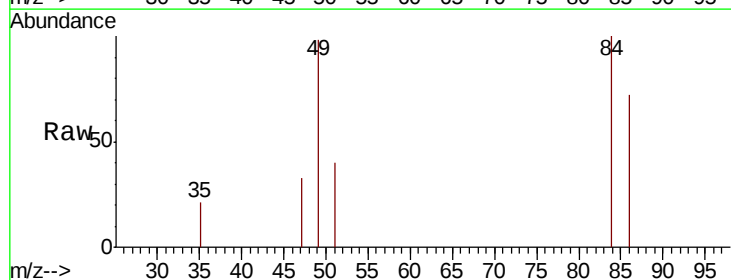
Ion Ratio Lower Upper

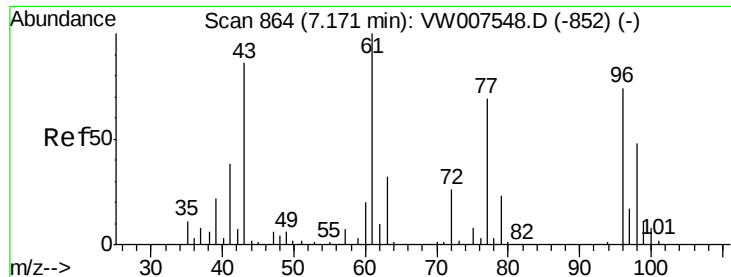
84 100

49 98.0 87.1 130.7

51 39.7 28.2 42.2

86 71.7 50.8 76.2





#25

2-Butanone

Concen: 1.506 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW007694.D

Acq: 19 Dec 2018 08:51

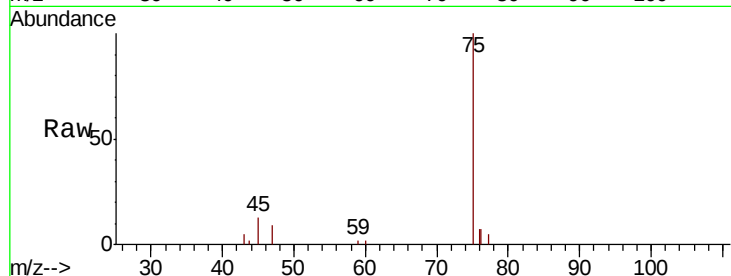
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 181

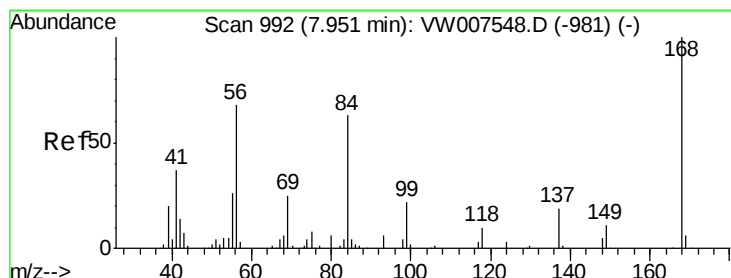
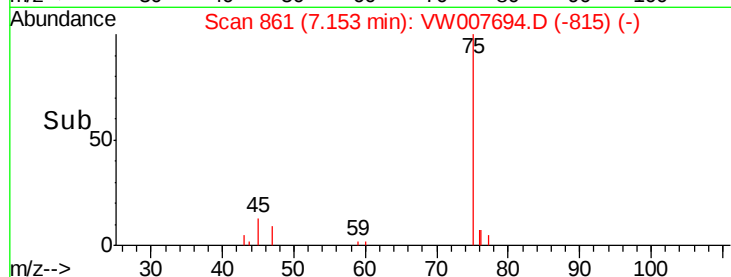
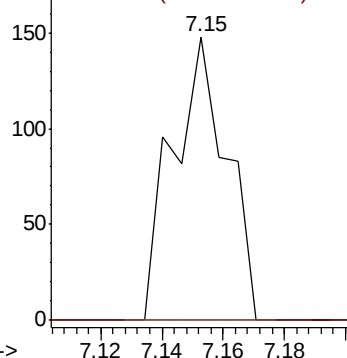
Ion Ratio Lower Upper

43 100

72 0.0 23.4 35.2#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 1.186 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007694.D

Acq: 19 Dec 2018 08:51

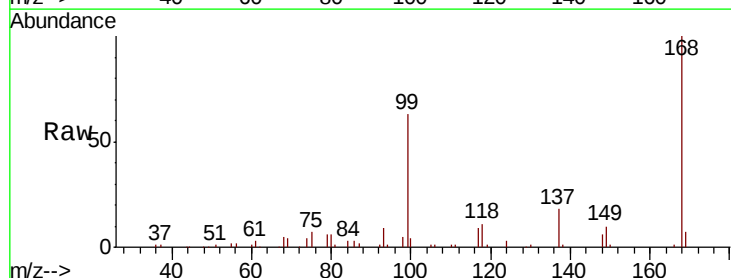
Tgt Ion: 56 Resp: 971

Ion Ratio Lower Upper

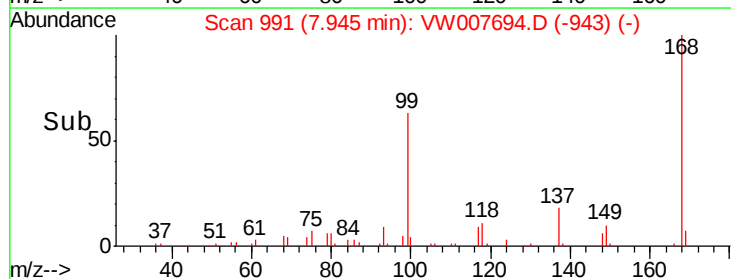
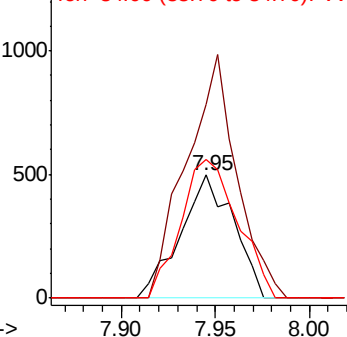
56 100

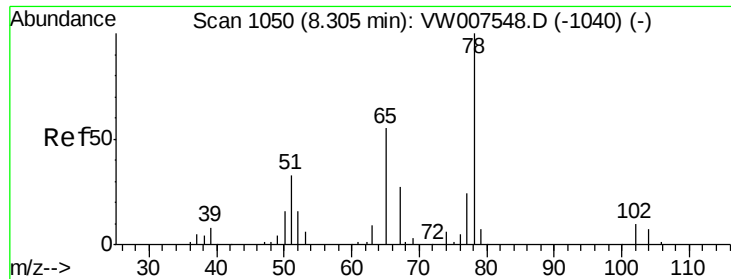
69 157.6 28.9 43.3#

84 112.4 71.8 107.6#



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

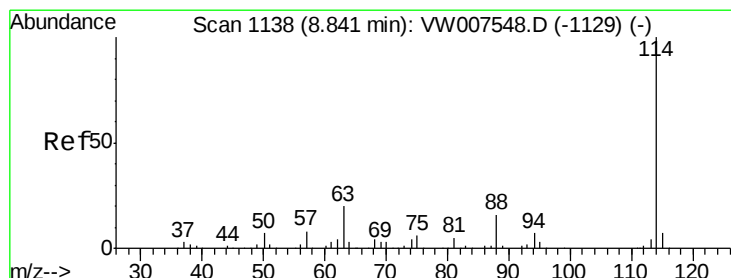
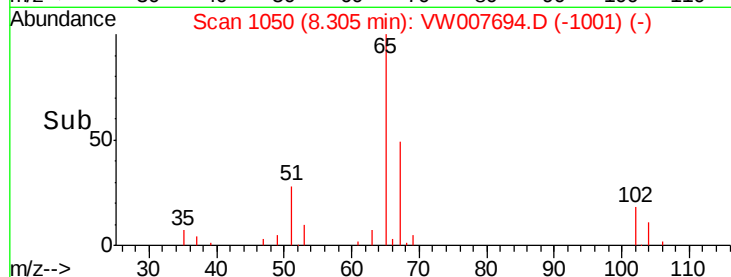
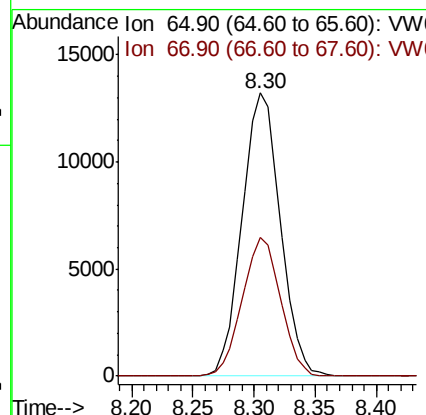
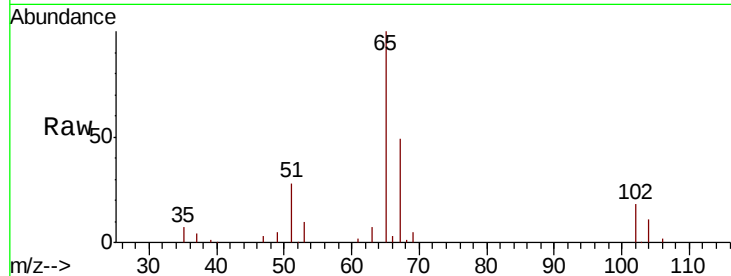




#33
 1,2-Dichloroethane-d4
 Concen: 54.520 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007694.D
 Acq: 19 Dec 2018 08:51

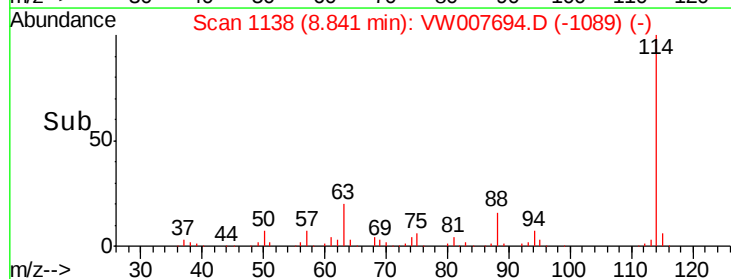
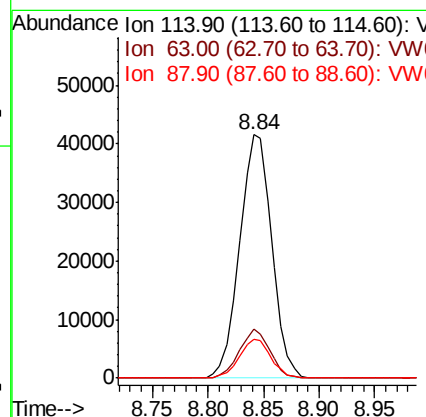
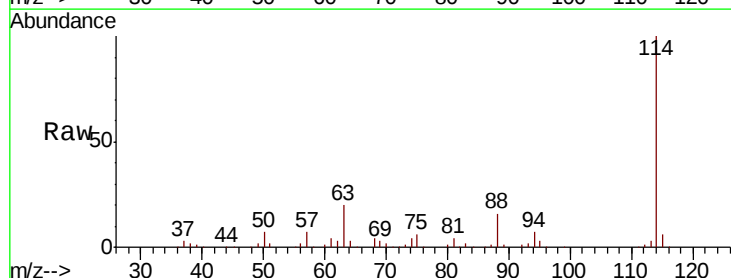
Instrument :
 MSVOA_W
 ClientSampled :

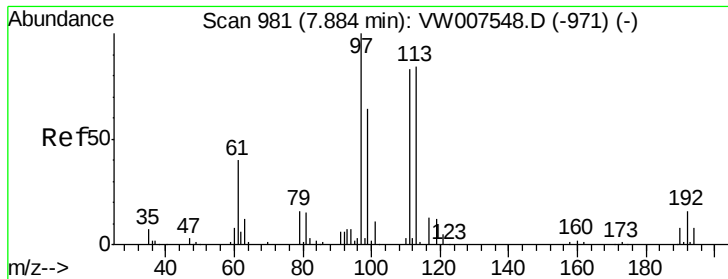
Tot Ion: 65 Resp: 28731
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007694.D
 Acq: 19 Dec 2018 08:51

Tgt Ion: 114 Resp: 82959
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.6
 88 15.8 0.0 31.4

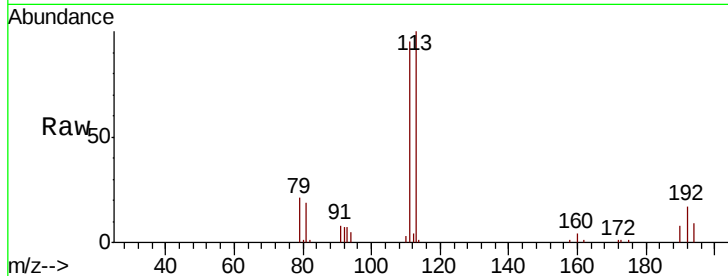




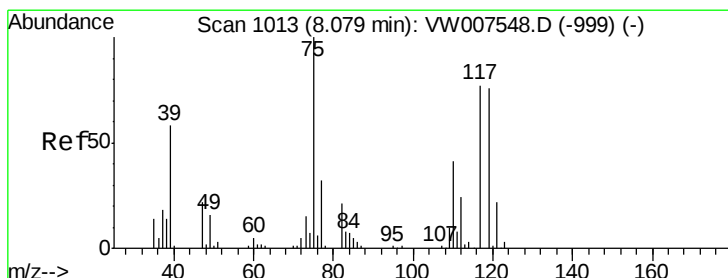
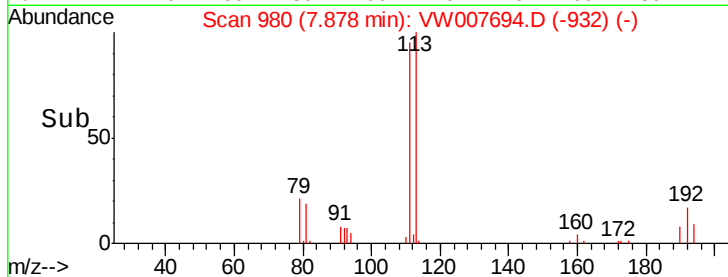
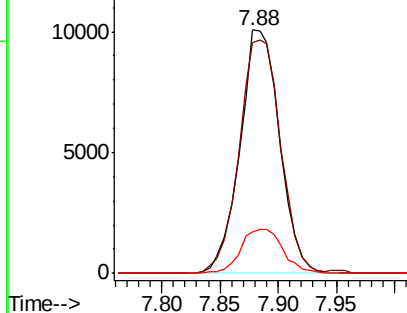
#35
 Dibromofluoromethane
 Concen: 47.702 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW007694.D
 Acq: 19 Dec 2018 08:51

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 23955
 Ion Ratio Lower Upper
 113 100
 111 100.0 81.1 121.7
 192 19.2 14.6 21.8

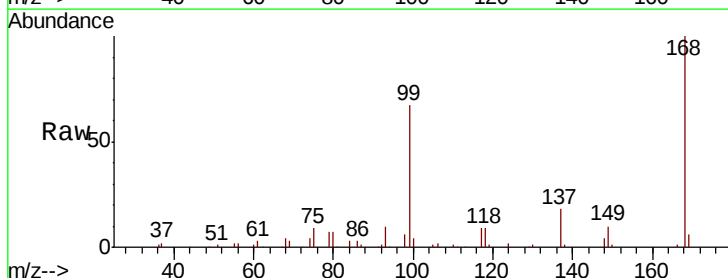


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

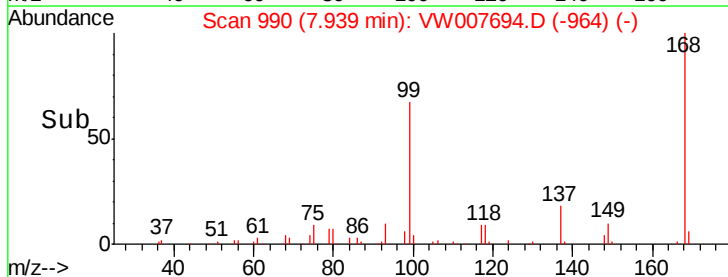
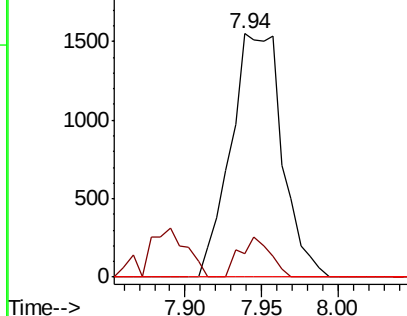


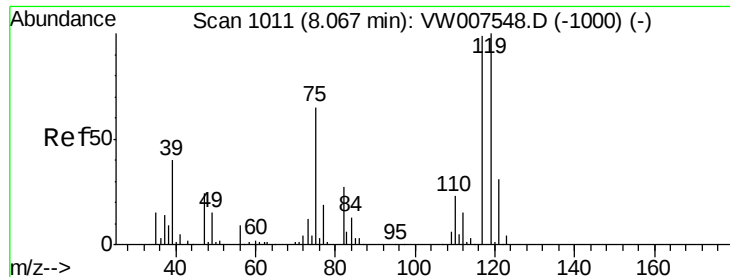
#36
 1,1-Dichloropropene
 Concen: 4.797 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW007694.D
 Acq: 19 Dec 2018 08:51

Tgt Ion: 75 Resp: 3630
 Ion Ratio Lower Upper
 75 100
 110 9.7 18.5 55.5#
 77 0.0 25.6 38.4#



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

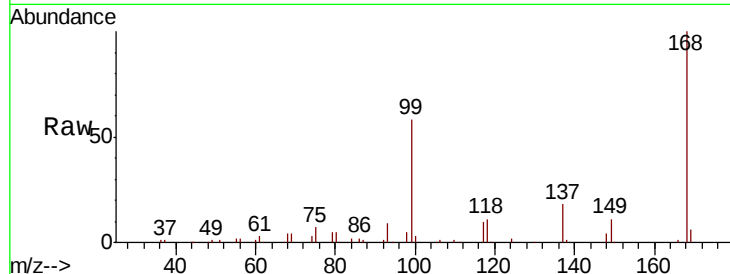




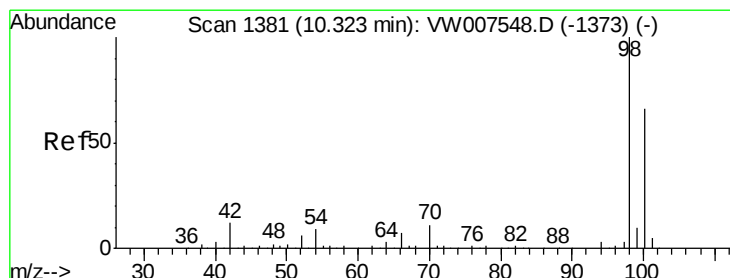
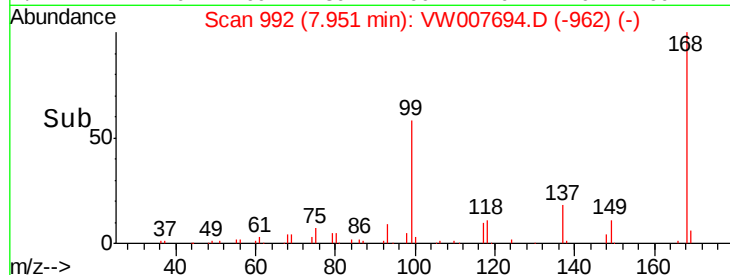
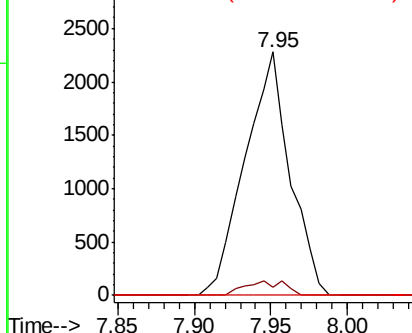
#38
Carbon Tetrachloride
Concen: 5.659 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007694.D
Acq: 19 Dec 2018 08:51

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 4660
Ion Ratio Lower Upper
117 100
119 3.2 74.3 111.5#
121 0.0 24.3 36.5#

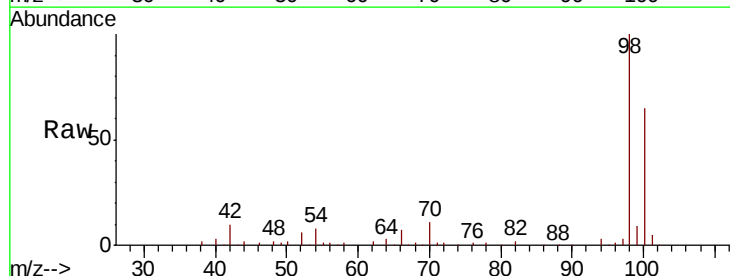


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

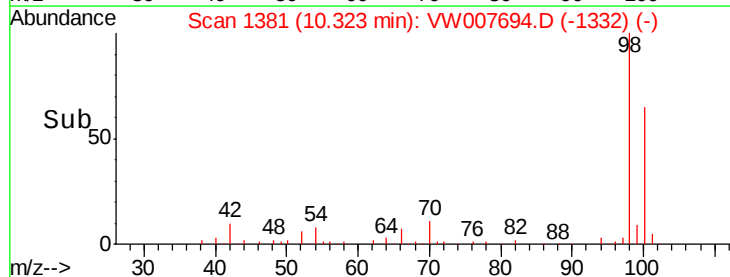
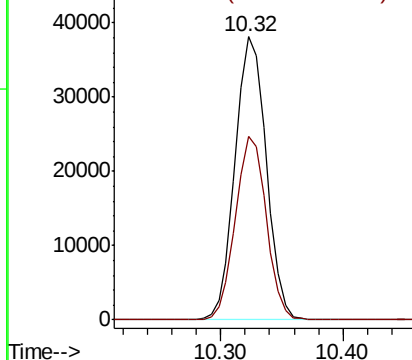


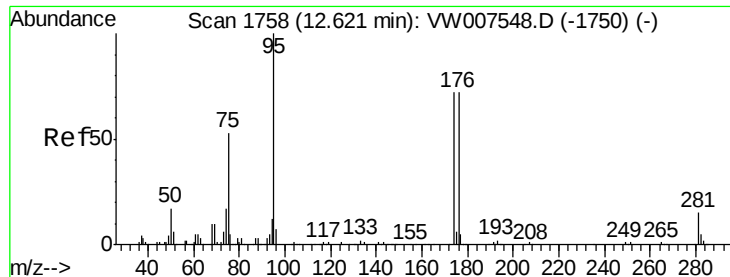
#50
Toluene-d8
Concen: 35.851 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007694.D
Acq: 19 Dec 2018 08:51

Tgt Ion: 98 Resp: 67505
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V

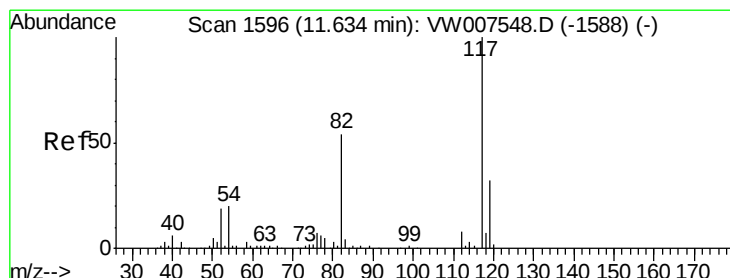
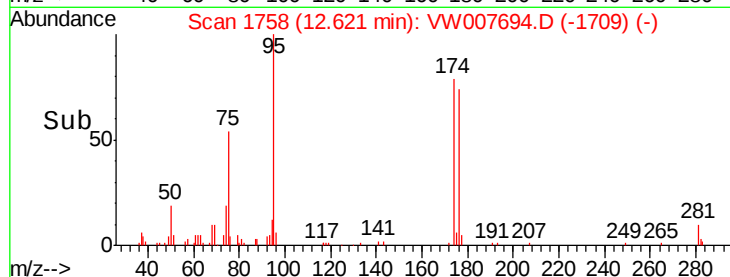
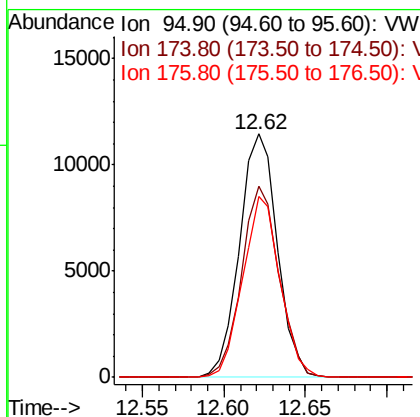
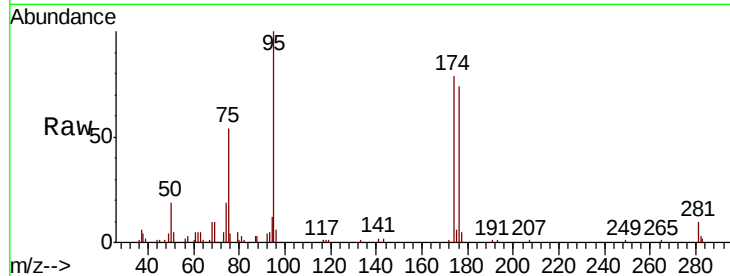




#62
4-Bromofluorobenzene
Concen: 26.737 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007694.D
Acq: 19 Dec 2018 08:51

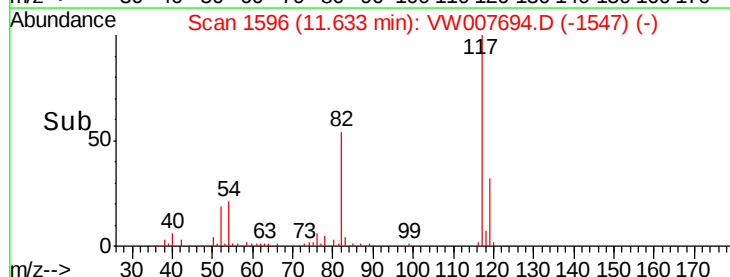
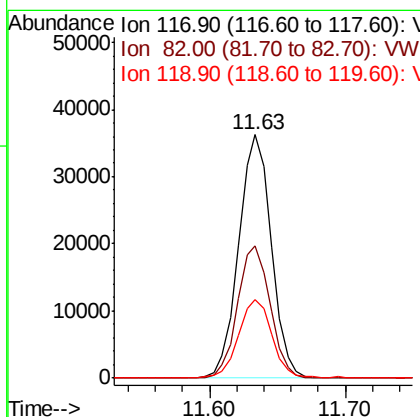
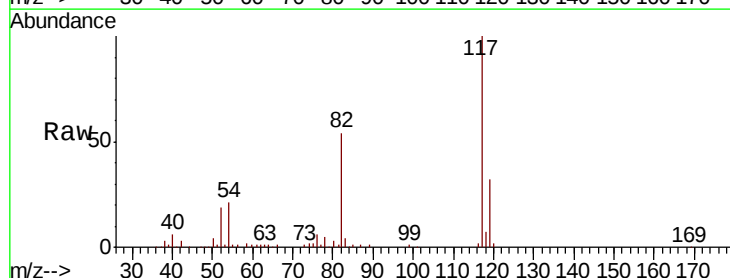
Instrument :
MSVOA_W
ClientSampleId :

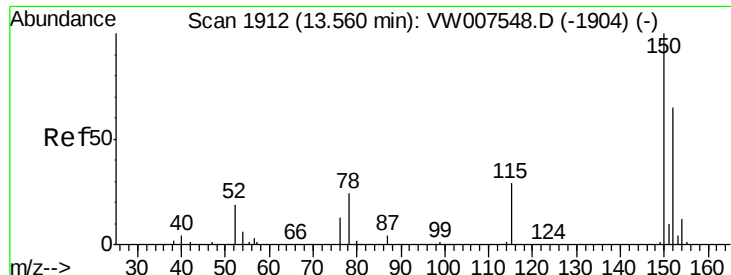
Tot Ion	95	Resp	18510
Ion Ratio	100	Lower	Upper
174	78.0	0.0	147.2
176	73.2	0.0	138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007694.D
Acq: 19 Dec 2018 08:51

Tgt Ion	117	Resp	60400
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
82	54.4	42.3	63.5
119	31.8	23.0	34.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007694.D

Acq: 19 Dec 2018 08:51

Instrument :

MSVOA_W

ClientSampleId :

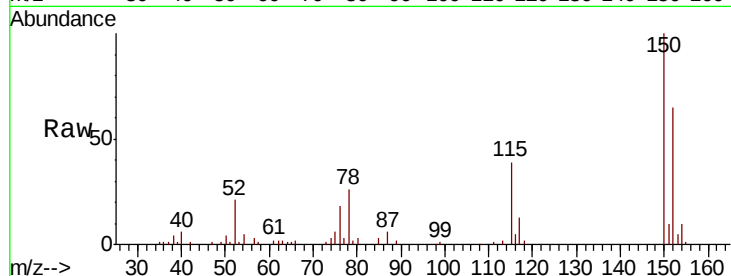
Tot Ion:152 Resp: 17085

Ion Ratio Lower Upper

152 100

115 60.1 31.4 94.2

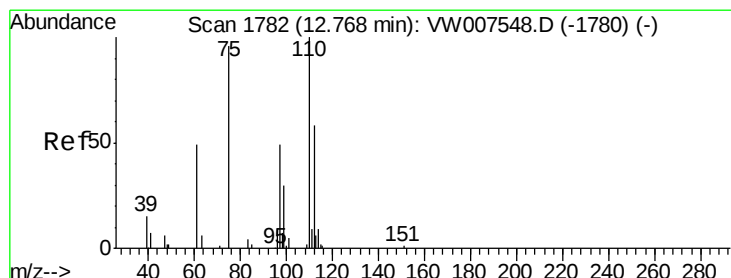
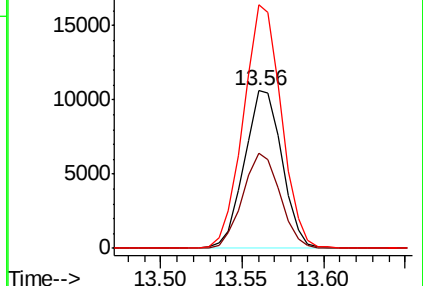
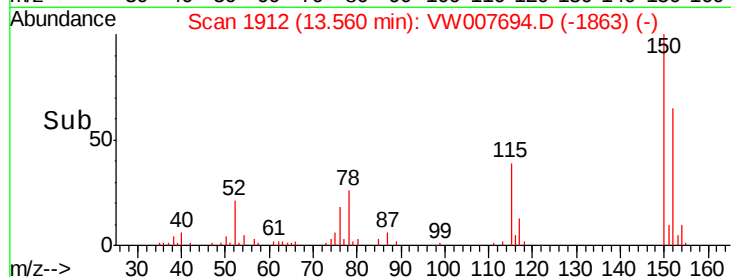
150 155.3 0.0 358.4



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



#76

1,2,3-Trichloropropane

Concen: 66.494 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007694.D

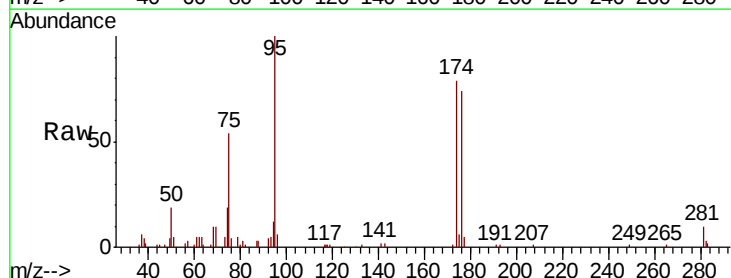
Acq: 19 Dec 2018 08:51

Tgt Ion: 75 Resp: 9367

Ion Ratio Lower Upper

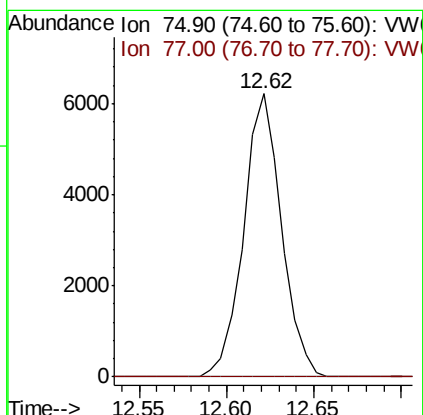
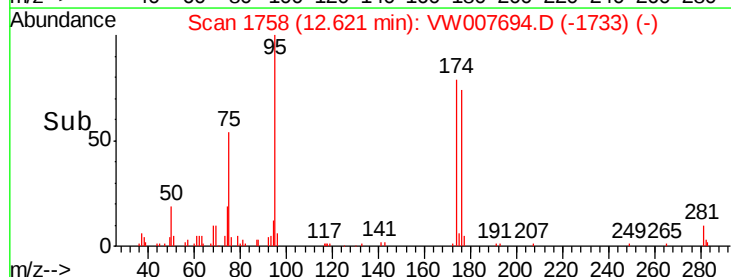
75 100

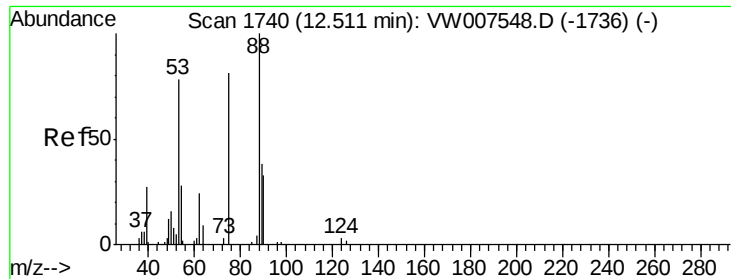
77 0.0 166.9 500.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 146.885 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007694.D

Acq: 19 Dec 2018 08:51

Instrument :

MSVOA_W

ClientSampleId :

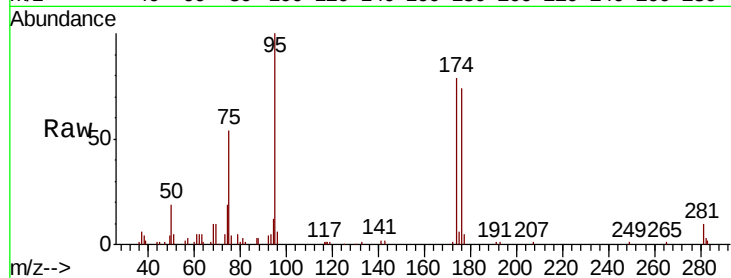
Tot Ion: 75 Resp: 9367

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

