

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007269.D
 Acq On : 06 Dec 2018 09:37
 Operator : SY/AP
 Sample : J6224-01
 Misc : 5.45G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 12:40:07 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	74573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	125117	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	108573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	41325	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	31512	45.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.78%	
35) Dibromofluoromethane	7.88	113	29012	40.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.00%	
50) Toluene-d8	10.32	98	105984	33.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.16%	
62) 4-Bromofluorobenzene	12.62	95	36922	31.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.00%	

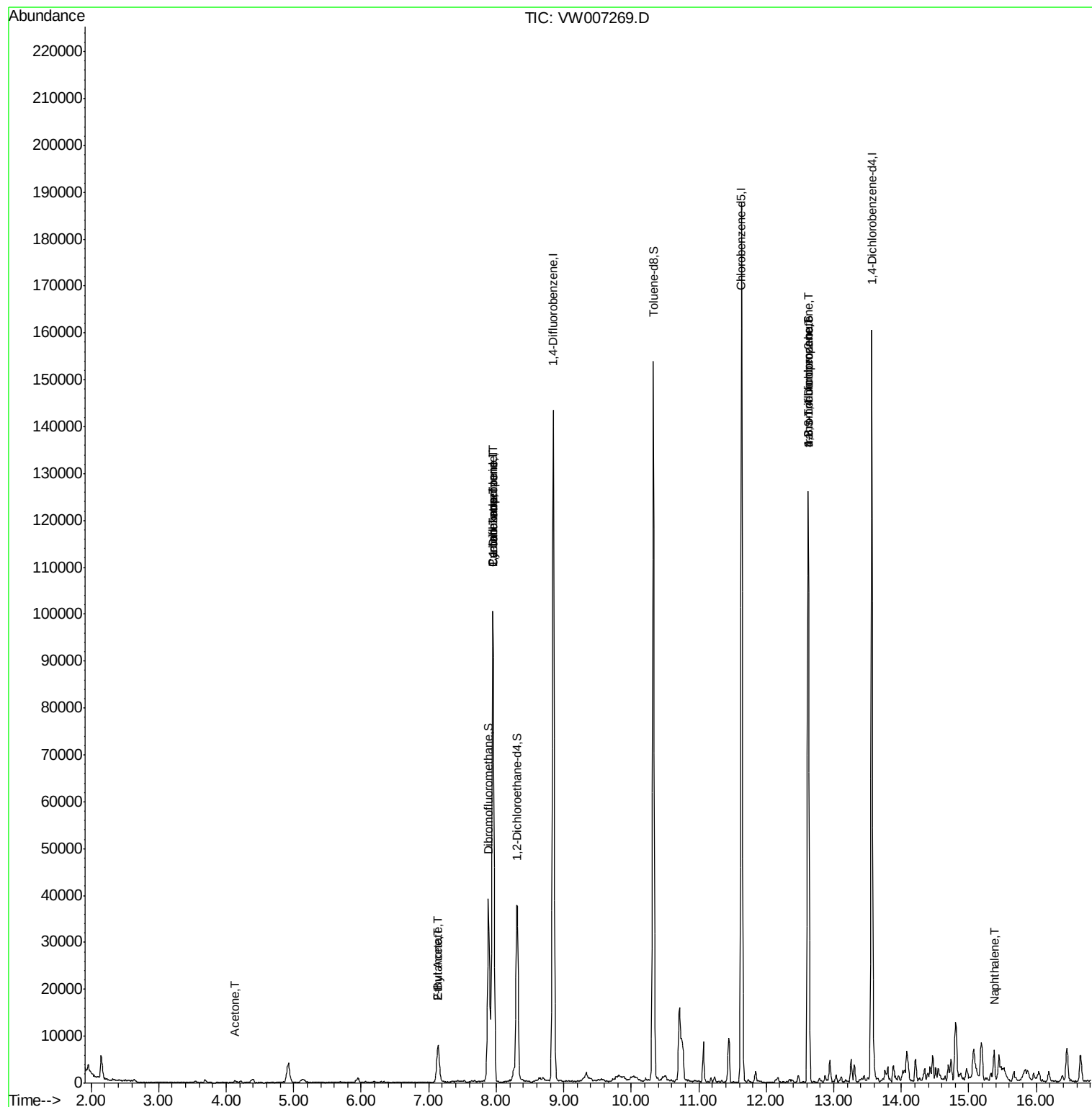
Target Compounds			Qvalue			
11) Tert butyl alcohol	5.15	59	966	Below Cal	#	75
16) Acetone	4.13	43	807	4.910	ug/l #	72
20) Methylene Chloride	4.91	84	3464	Below Cal	#	83
25) 2-Butanone	7.13	43	527	2.766	ug/l #	46
31) Cyclohexane	7.95	56	1506	1.093	ug/l #	23
36) 1,1-Dichloropropene	7.95	75	5693	4.676	ug/l #	51
37) Ethyl Acetate	7.13	43	527	1.197	ug/l #	28
38) Carbon Tetrachloride	7.95	117	7699	6.196	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	19528	61.028	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	19528	131.537	ug/l #	13
95) Naphthalene	15.38	128	5436	3.395	ug/l	96

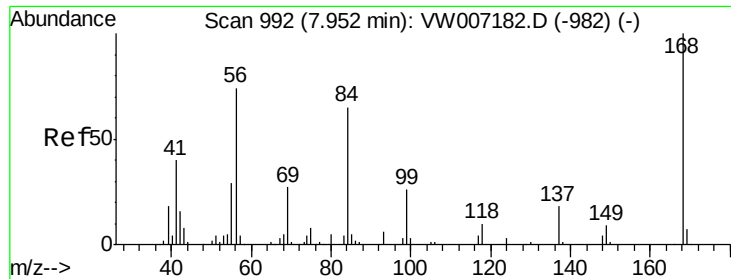
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW007269.D

Acq: 06 Dec 2018 09:37

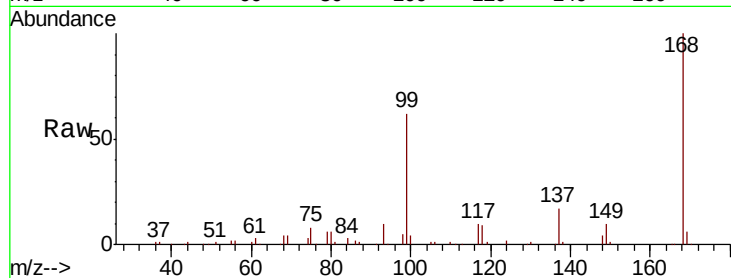
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 74573

Ion Ratio Lower Upper

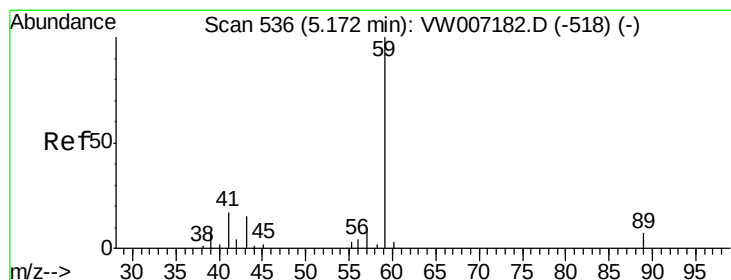
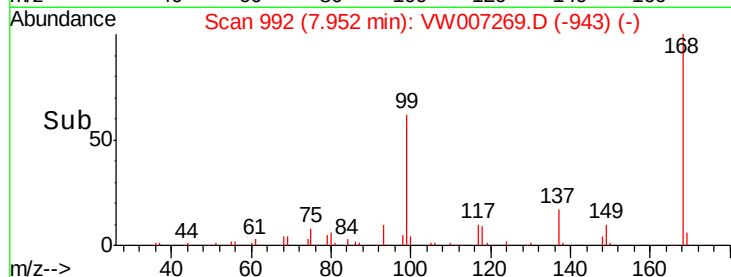
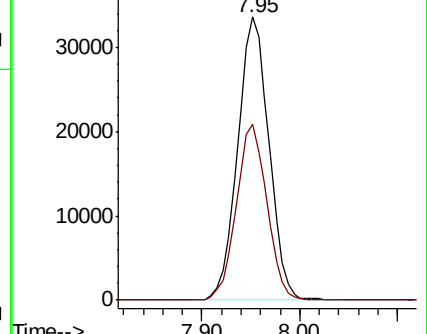
168 100

99 62.0 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.15 min Scan# 533

Delta R.T. -0.02 min

Lab File: VW007269.D

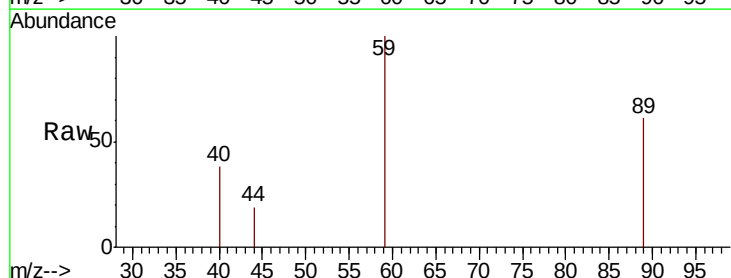
Acq: 06 Dec 2018 09:37

Tgt Ion: 59 Resp: 966

Ion Ratio Lower Upper

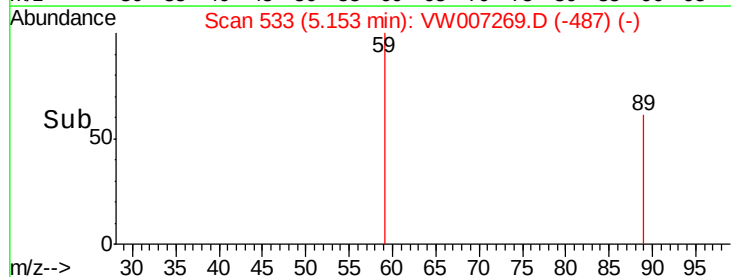
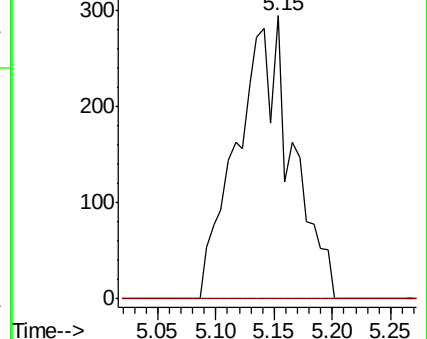
59 100

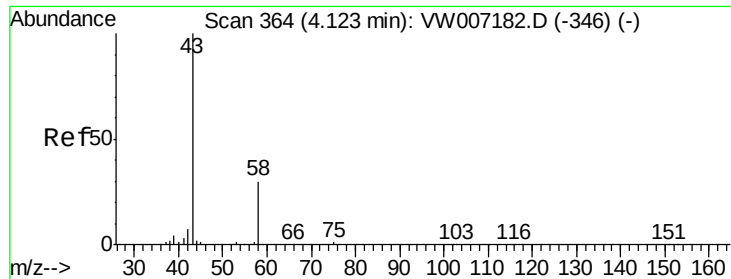
57 0.0 7.1 10.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 4.910 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007269.D

Acq: 06 Dec 2018 09:37

Instrument :

MSVOA_W

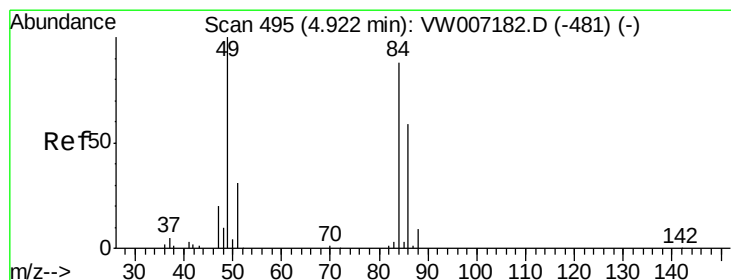
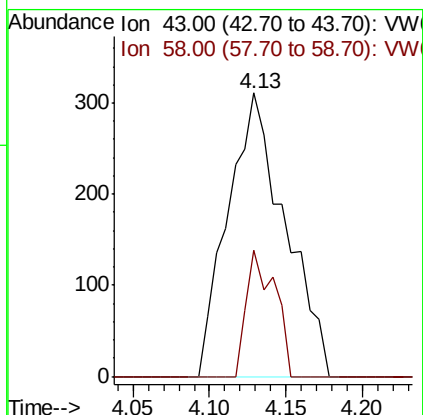
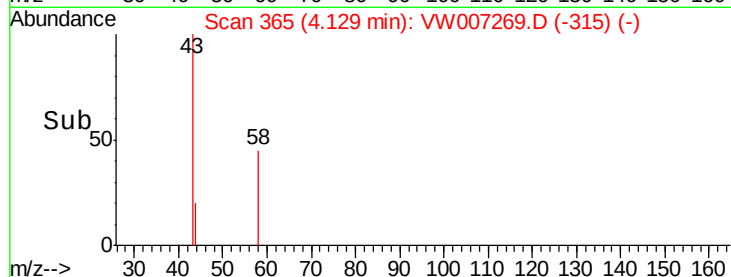
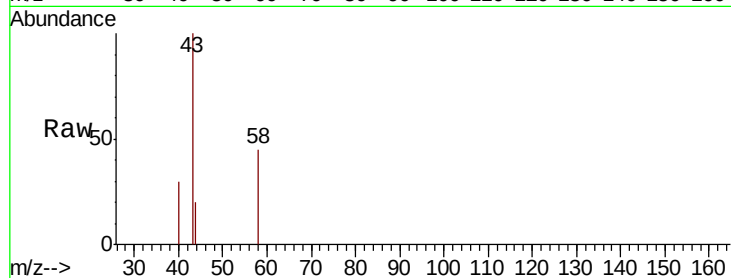
ClientSampleId :

Tot Ion: 43 Resp: 807

Ion Ratio Lower Upper

43 100

58 44.7 23.8 35.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW007269.D

Acq: 06 Dec 2018 09:37

Tgt Ion: 84 Resp: 3464

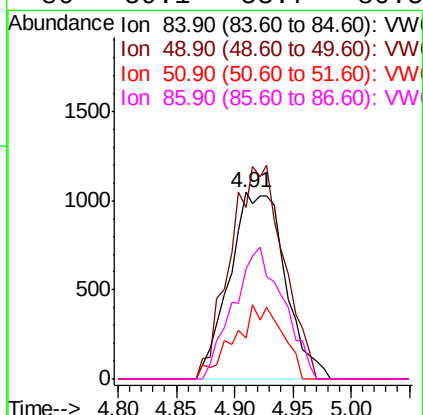
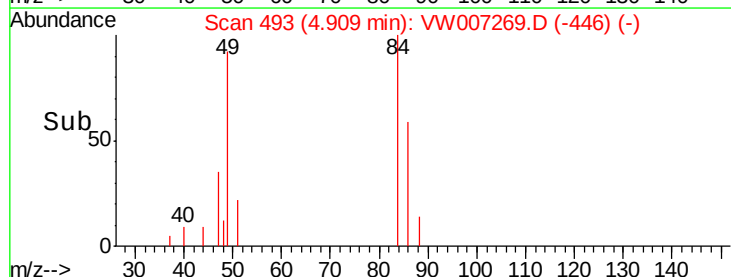
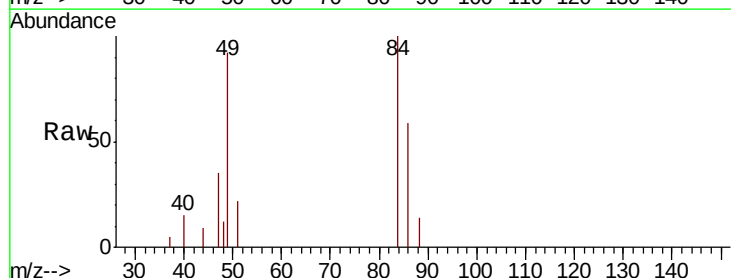
Ion Ratio Lower Upper

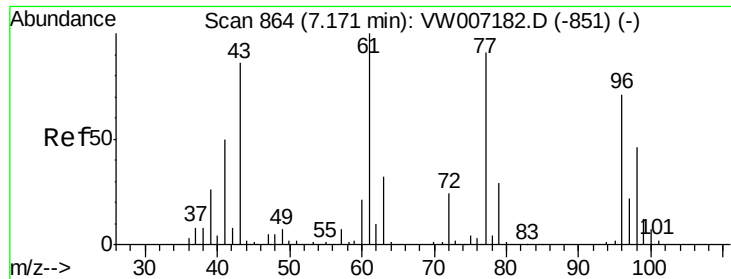
84 100

49 92.1 90.6 135.8

51 21.7 27.6 41.4#

86 59.1 53.7 80.5

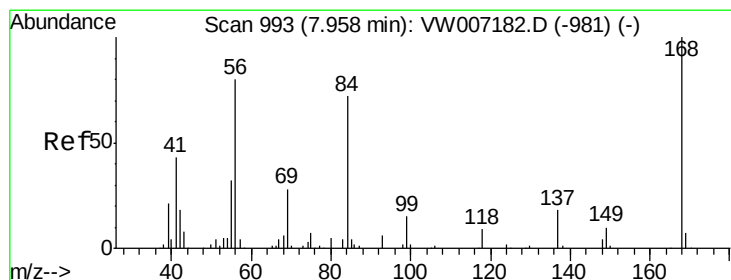
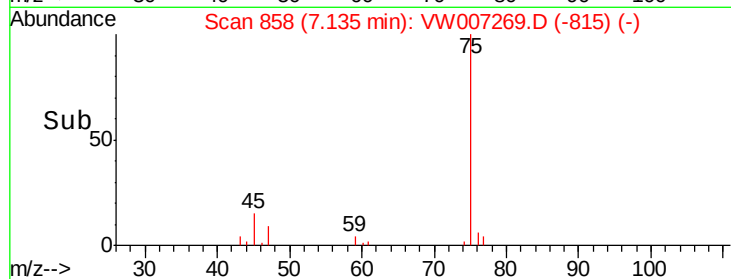
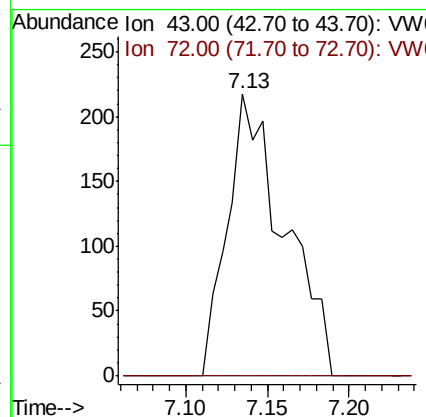
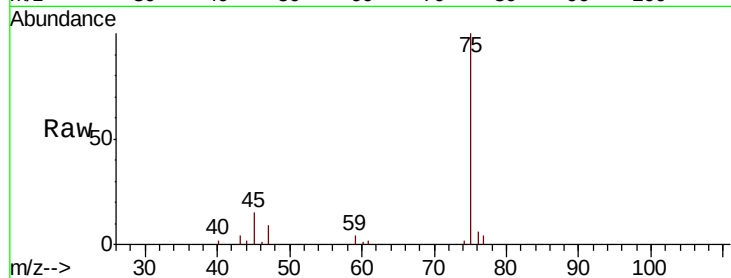




#25
 2-Butanone
 Concen: 2.766 ug/l
 RT: 7.13 min Scan# 858
 Delta R.T. -0.04 min
 Lab File: VW007269.D
 Acq: 06 Dec 2018 09:37

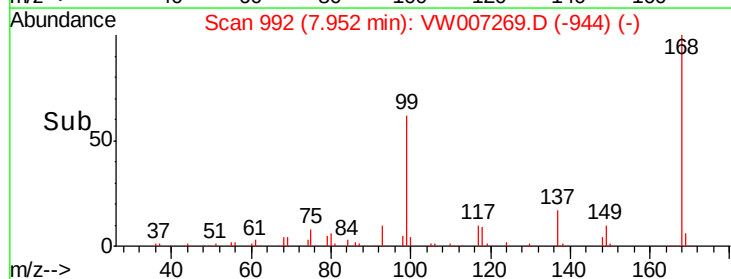
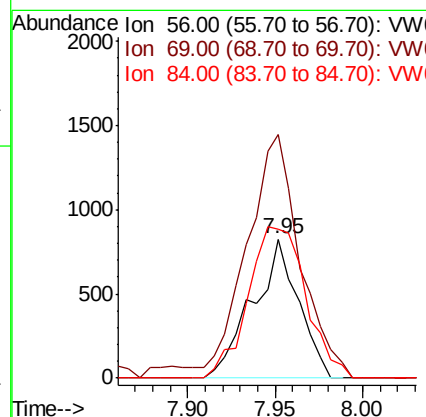
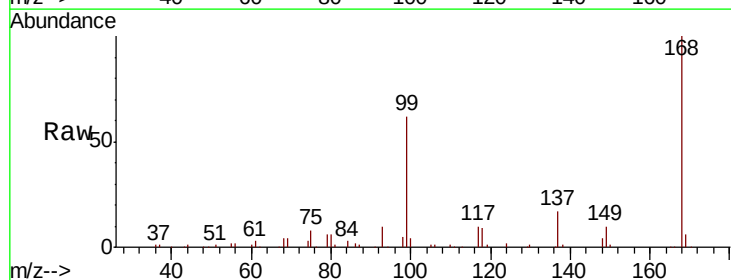
Instrument :
 MSVOA_W
 ClientSampled :

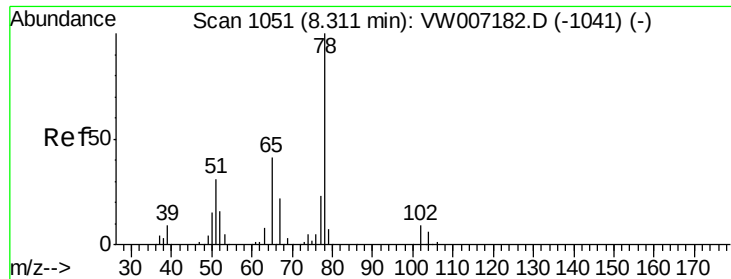
Tot Ion: 43 Resp: 527
 Ion Ratio Lower Upper
 43 100
 72 0.0 22.8 34.2#



#31
 Cyclohexane
 Concen: 1.093 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: VW007269.D
 Acq: 06 Dec 2018 09:37

Tgt Ion: 56 Resp: 1506
 Ion Ratio Lower Upper
 56 100
 69 167.5 28.2 42.2#
 84 107.0 72.1 108.1

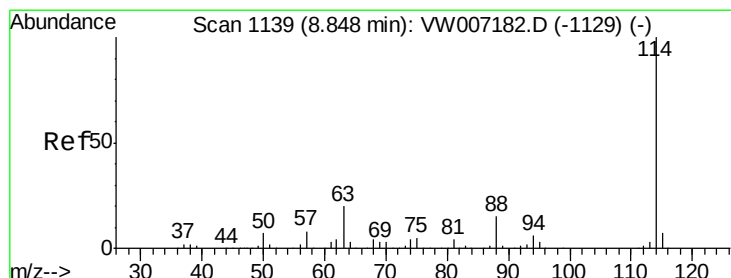
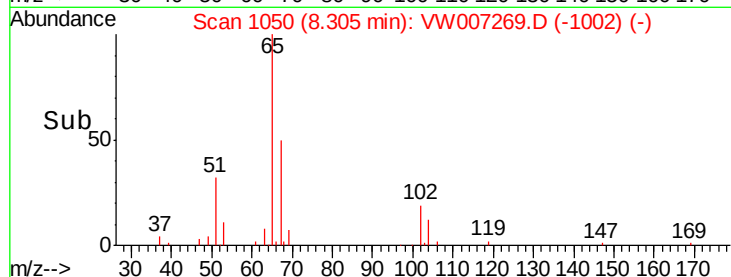
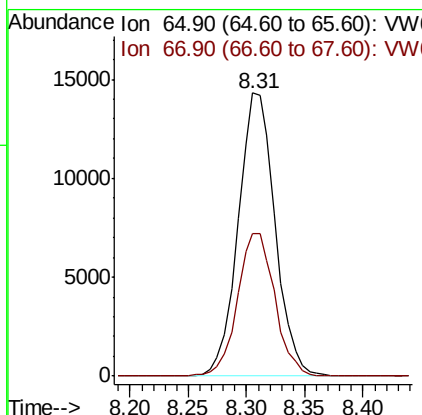
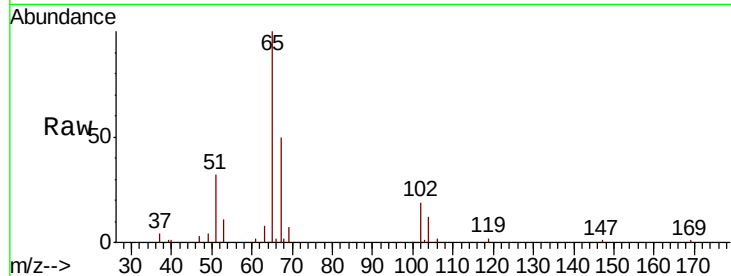




#33
 1,2-Dichloroethane-d4
 Concen: 45.386 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007269.D
 Acq: 06 Dec 2018 09:37

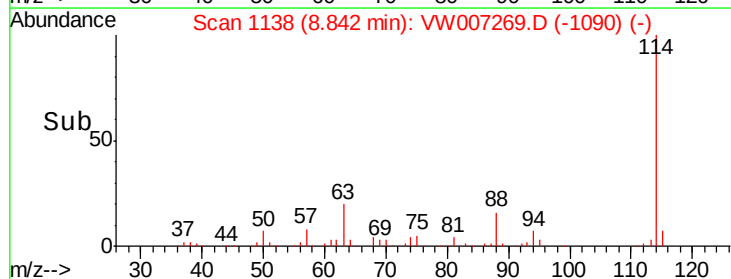
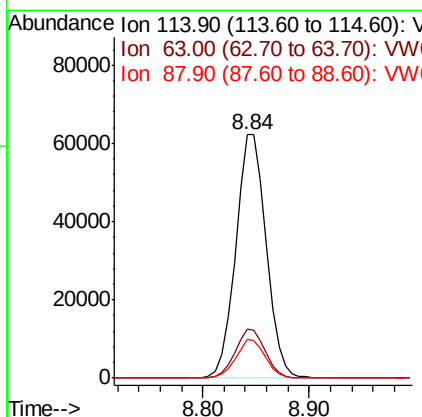
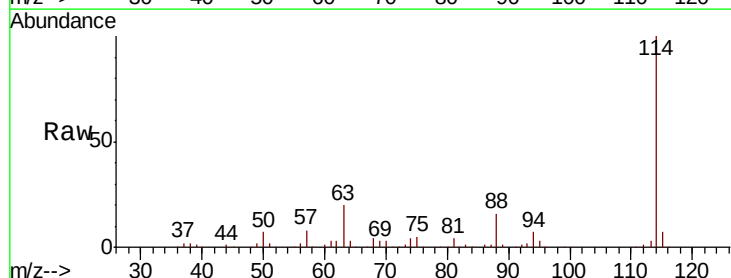
Instrument :
 MSVOA_W
 ClientSampleId :

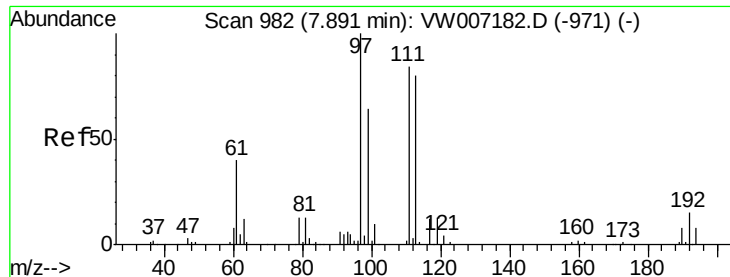
Tot Ion: 65 Resp: 31512
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007269.D
 Acq: 06 Dec 2018 09:37

Tgt Ion: 114 Resp: 125117
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.2
 88 16.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 40.496 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW007269.D

Acq: 06 Dec 2018 09:37

Instrument :
MSVOA_W
ClientSampleId :

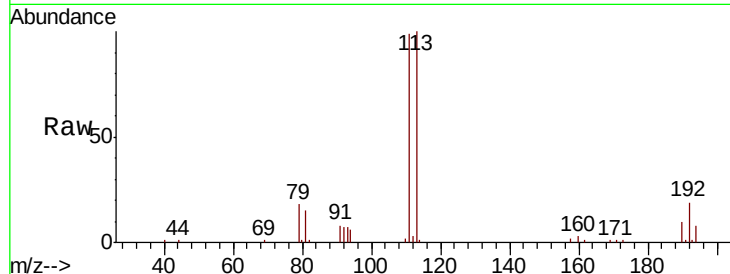
Tot Ion:113 Resp: 29012

Ion Ratio Lower Upper

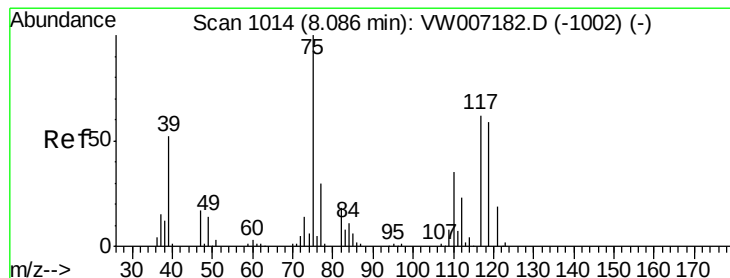
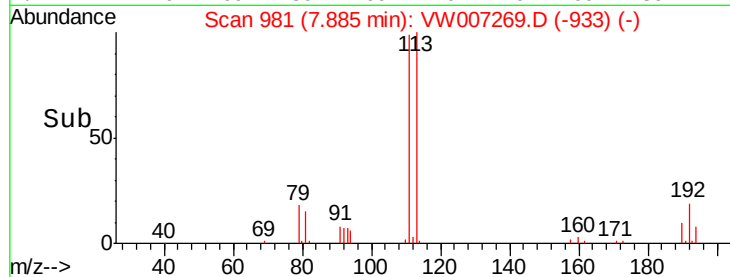
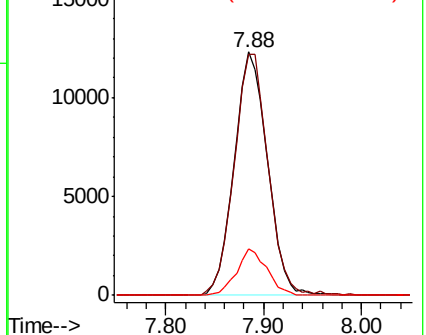
113 100

111 100.5 82.2 123.4

192 17.2 14.4 21.6



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: 4.676 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW007269.D

Acq: 06 Dec 2018 09:37

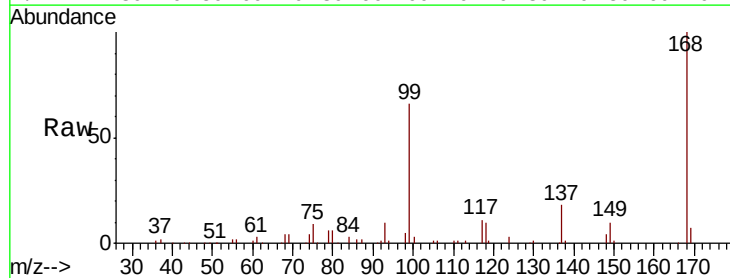
Tgt Ion: 75 Resp: 5693

Ion Ratio Lower Upper

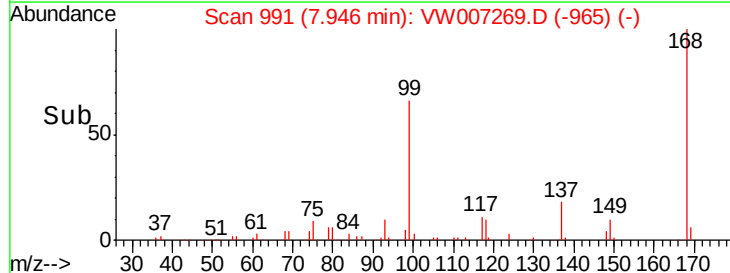
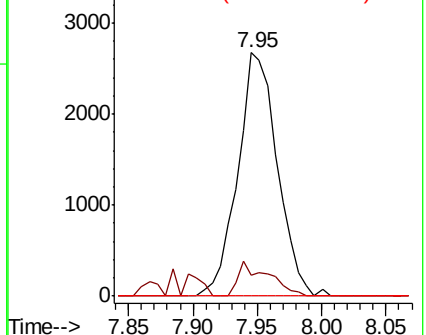
75 100

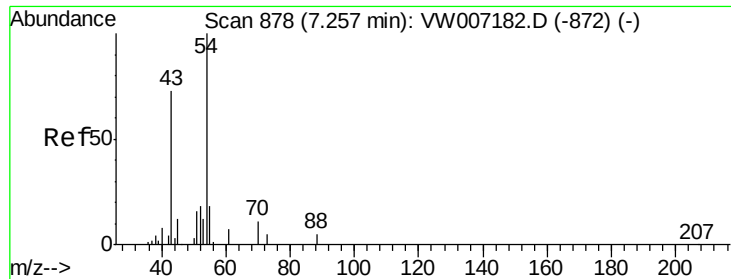
110 11.0 18.3 54.9#

77 0.0 24.9 37.3#



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





#37

Ethyl Acetate

Concen: 1.197 ug/l

RT: 7.13 min Scan# 858

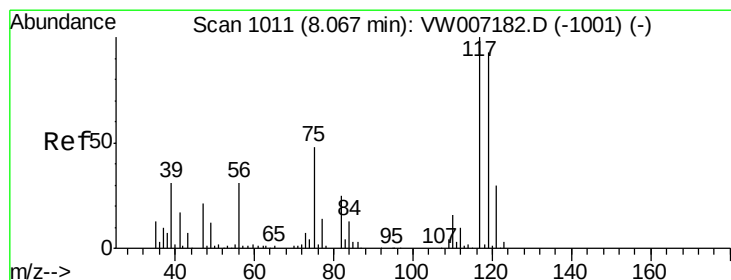
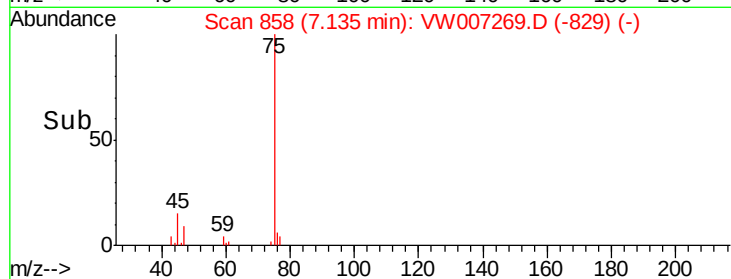
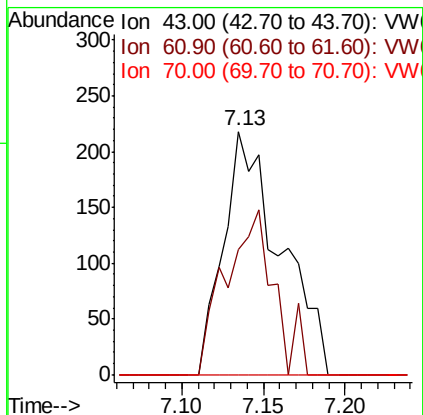
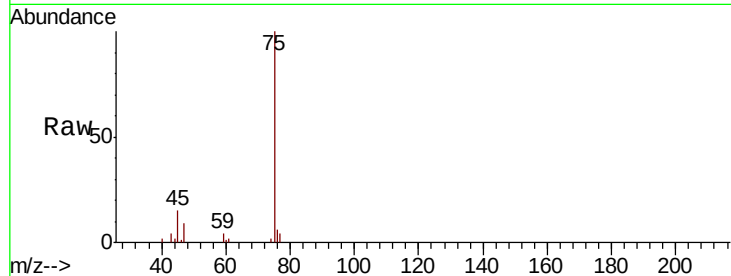
Delta R.T. -0.12 min

Lab File: VW007269.D

Acq: 06 Dec 2018 09:37

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	43	Resp:	527
Ion	Ratio	Lower	Upper
43	100		
61	58.3	12.1	18.1#
70	0.0	9.1	13.7#



#38

Carbon Tetrachloride

Concen: 6.196 ug/l

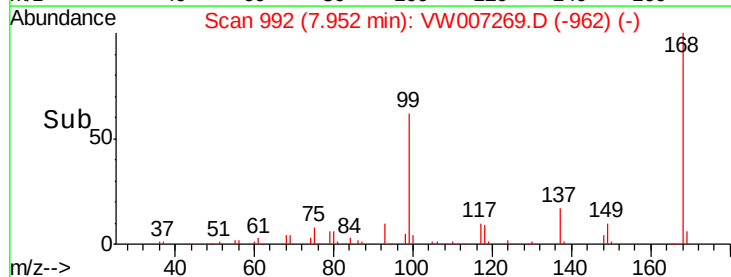
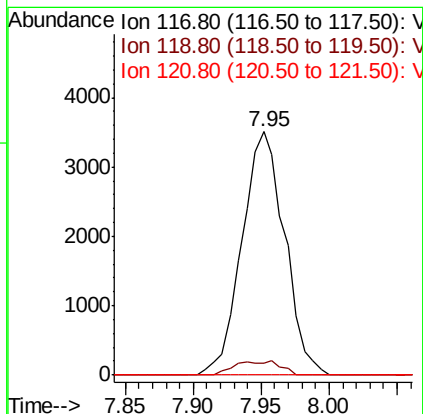
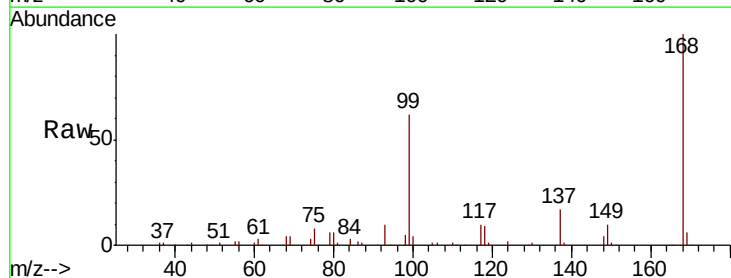
RT: 7.95 min Scan# 992

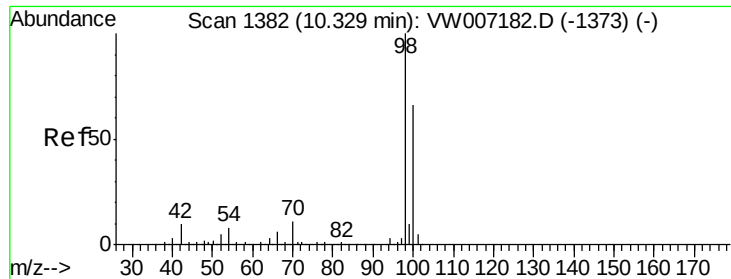
Delta R.T. -0.12 min

Lab File: VW007269.D

Acq: 06 Dec 2018 09:37

Tgt Ion:	117	Resp:	7699
Ion	Ratio	Lower	Upper
117	100		
119	5.1	74.1	111.1#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 33.584 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW007269.D

Acq: 06 Dec 2018 09:37

Instrument :

MSVOA_W

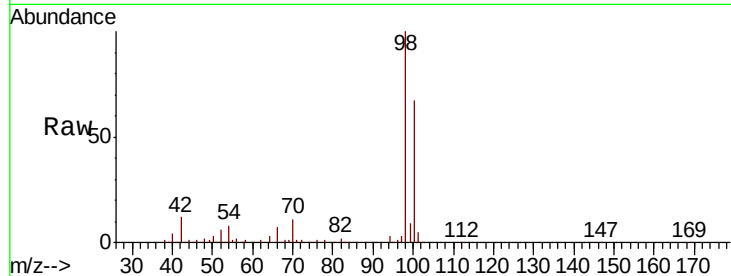
ClientSampleId :

Tot Ion: 98 Resp: 105984

Ion Ratio Lower Upper

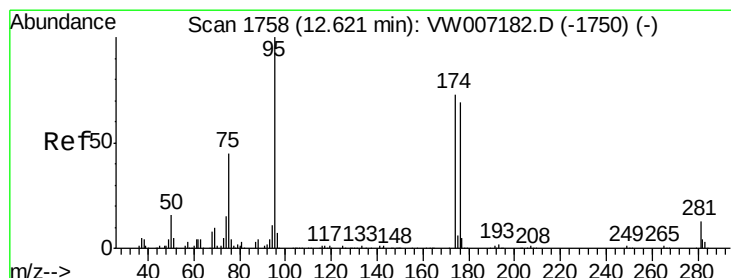
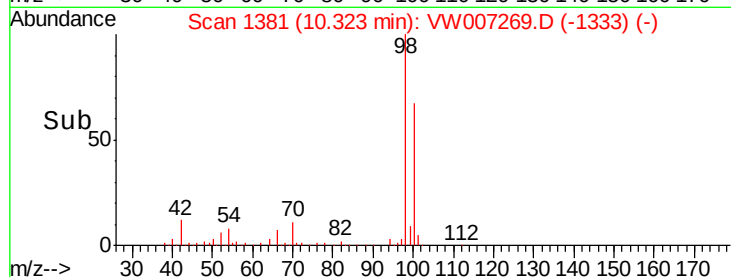
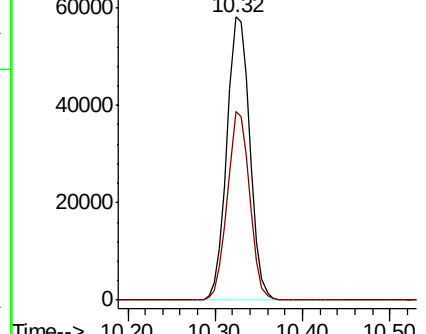
98 100

100 64.6 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: 30.997 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007269.D

Acq: 06 Dec 2018 09:37

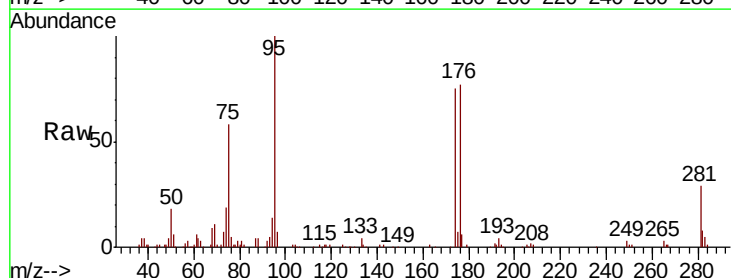
Tgt Ion: 95 Resp: 36922

Ion Ratio Lower Upper

95 100

174 76.0 0.0 148.0

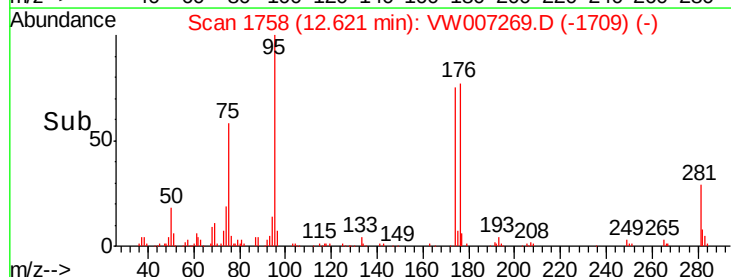
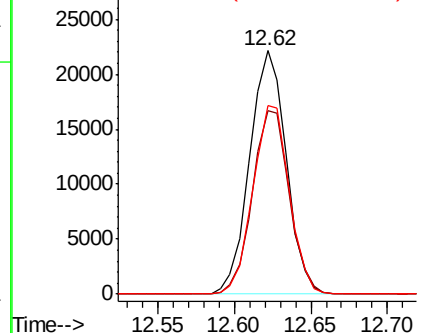
176 76.7 0.0 139.4

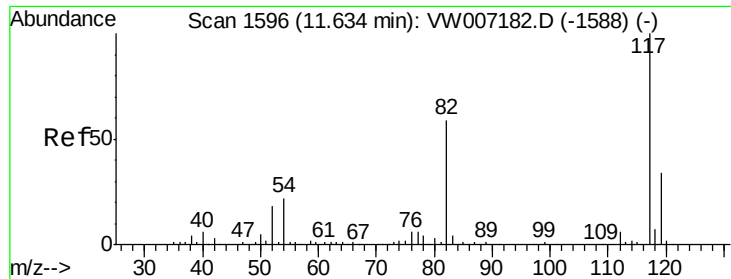


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

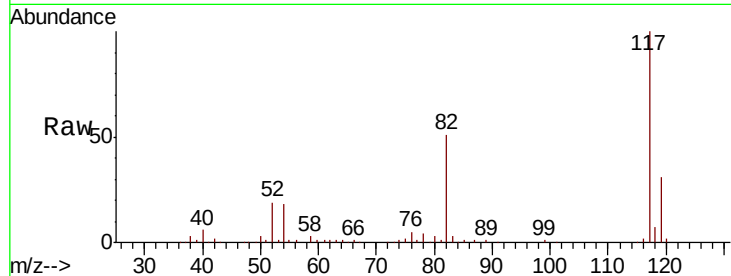




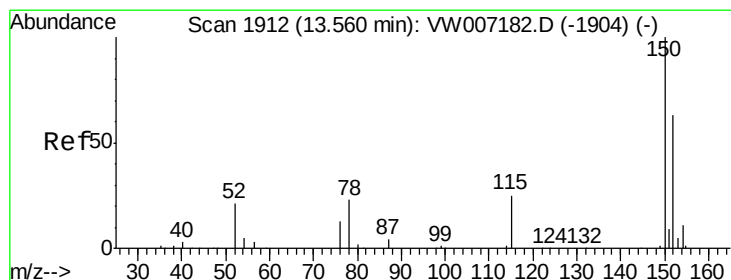
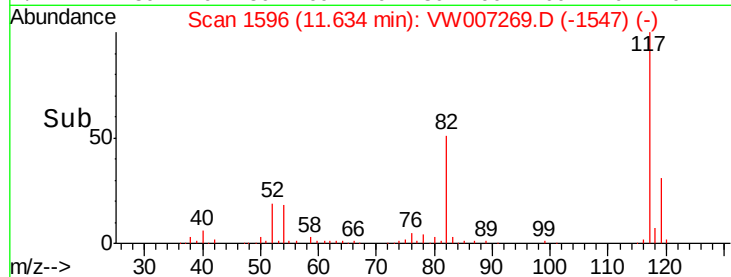
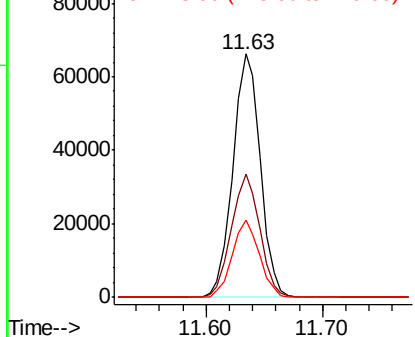
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007269.D
Acq: 06 Dec 2018 09:37

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 108573
Ion Ratio Lower Upper
117 100
82 50.7 47.4 71.2
119 31.5 26.8 40.2

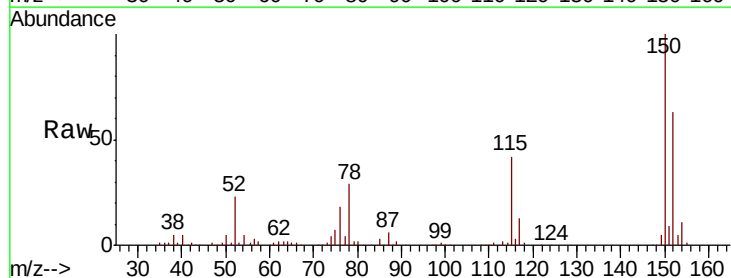


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

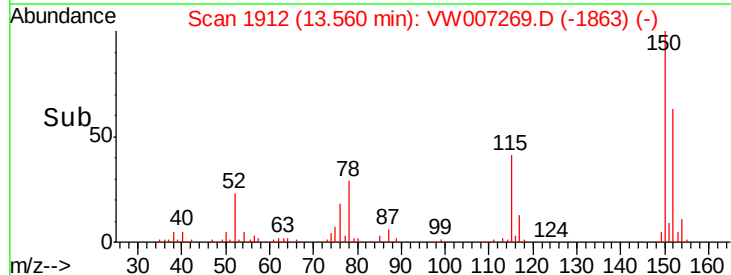
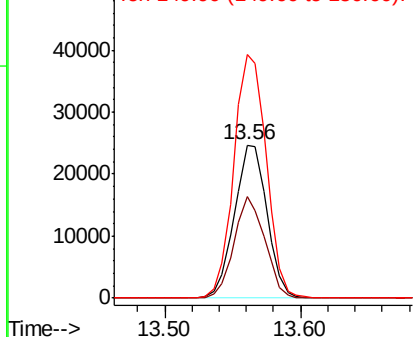


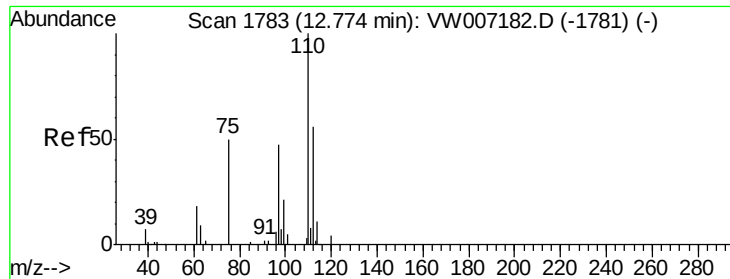
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007269.D
Acq: 06 Dec 2018 09:37

Tgt Ion:152 Resp: 41325
Ion Ratio Lower Upper
152 100
115 62.7 31.3 93.8
150 157.9 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





#76

1,2,3-Trichloropropane

Concen: 61.028 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007269.D

Acq: 06 Dec 2018 09:37

Instrument :

MSVOA_W

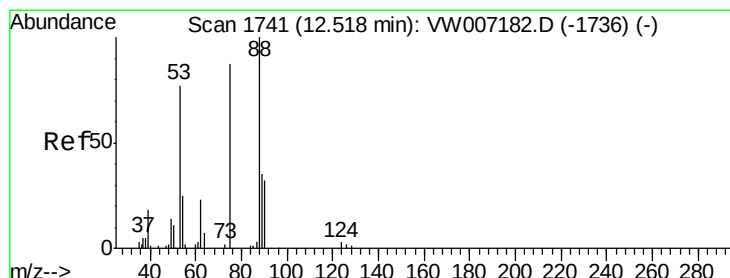
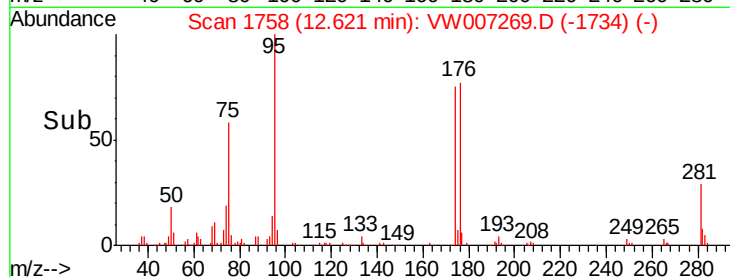
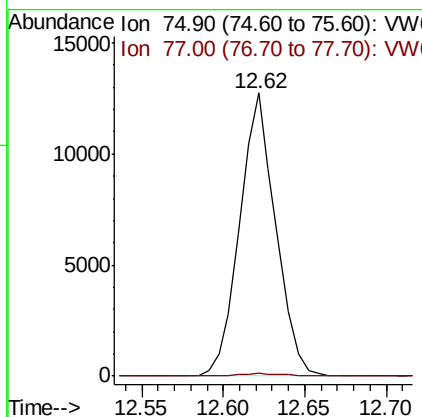
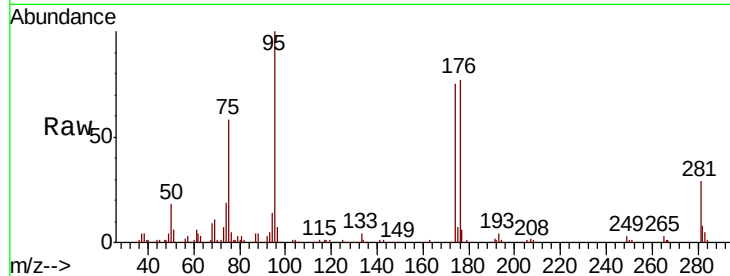
ClientSampleId :

Tot Ion: 75 Resp: 19528

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 131.537 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007269.D

Acq: 06 Dec 2018 09:37

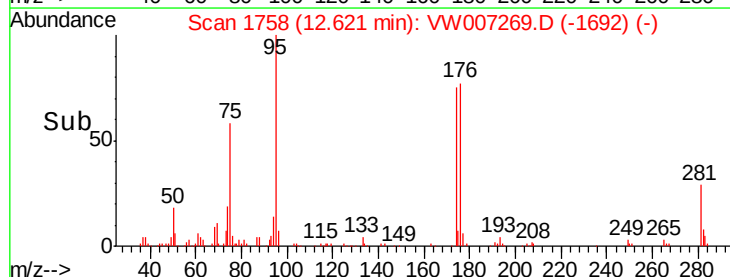
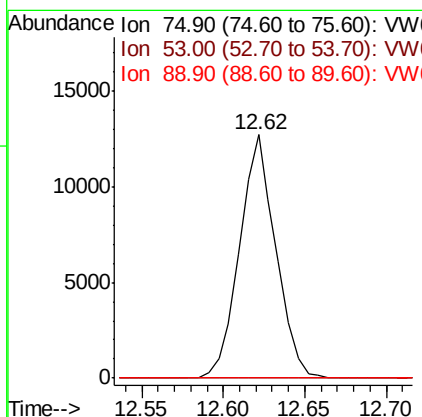
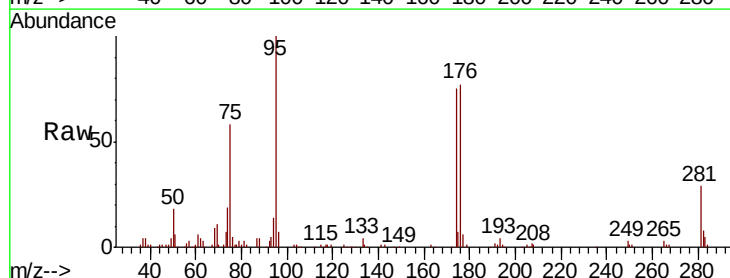
Tgt Ion: 75 Resp: 19528

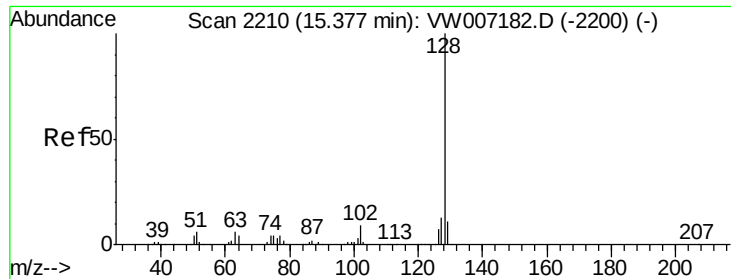
Ion Ratio Lower Upper

75 100

53 0.0 72.8 109.2#

89 0.0 36.4 54.6#





#95
 Naphthalene
 Concen: 3.395 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: VW007269.D
 Acq: 06 Dec 2018 09:37

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.3	15.5
129	12.5	8.6	13.0

