

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121518\
 Data File : VW007450.D
 Acq On : 12 Dec 2018 21:03
 Operator : SY/AP
 Sample : VW1212SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1215SBL01

Quant Time: Dec 13 04:20:04 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	82198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	137773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	124149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	60692	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	45193	49.56	ug/l	0.00
Spiked Amount			Recovery	=	99.12%	
35) Dibromofluoromethane	7.88	113	41409	49.65	ug/l	0.00
Spiked Amount			Recovery	=	99.30%	
50) Toluene-d8	10.32	98	157015	50.21	ug/l	0.00
Spiked Amount			Recovery	=	100.42%	
62) 4-Bromofluorobenzene	12.62	95	58249	50.66	ug/l	0.00
Spiked Amount			Recovery	=	101.32%	

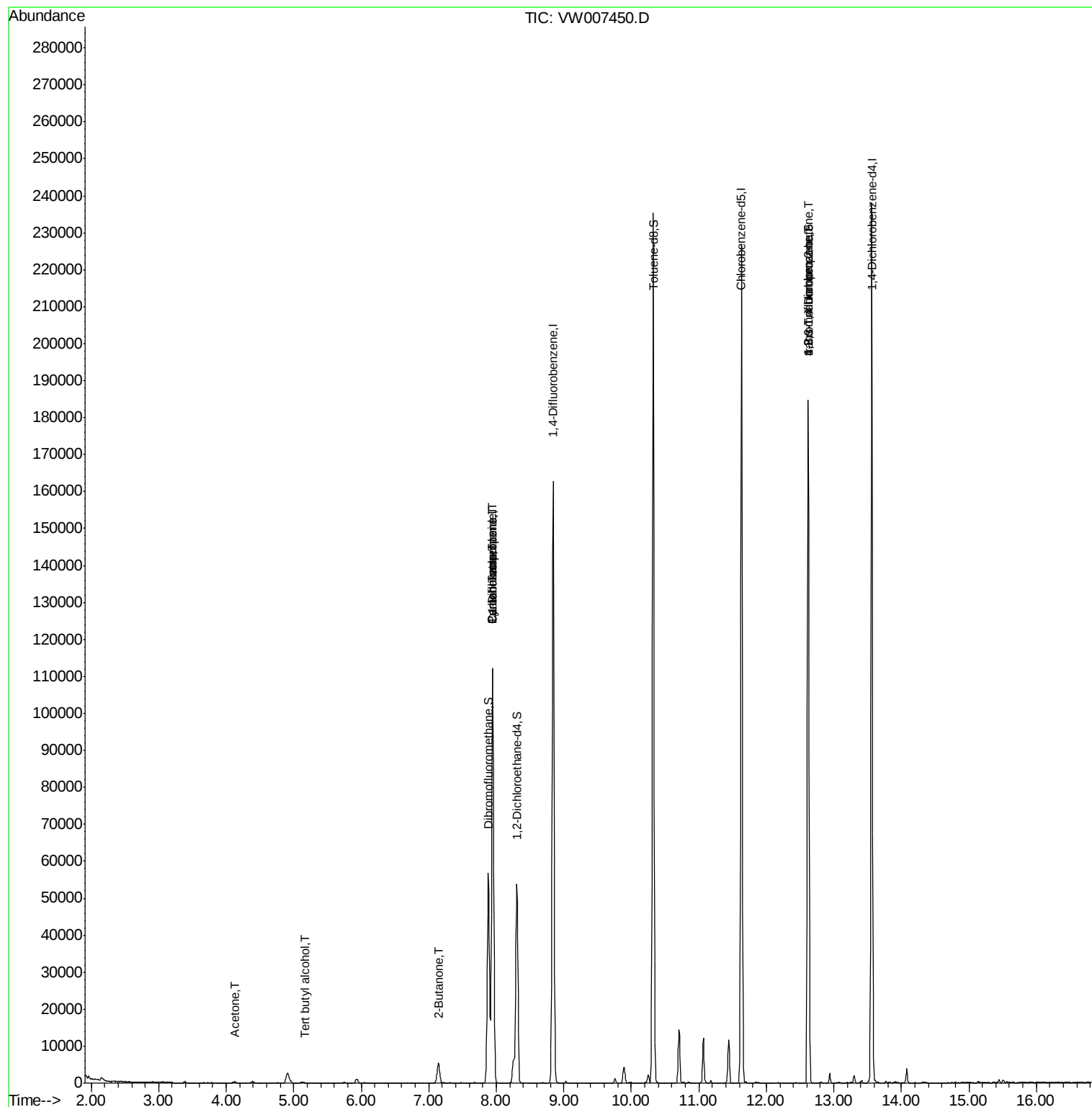
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	132	2.108	ug/l #	74
16) Acetone	4.13	43	816	5.123	ug/l #	86
20) Methylene Chloride	4.91	84	2476	Below Cal	#	92
25) 2-Butanone	7.15	43	252	1.212	ug/l #	45
31) Cyclohexane	7.94	56	1748	1.234	ug/l #	28
36) 1,1-Dichloropropene	7.95	75	6585	5.239	ug/l #	49
38) Carbon Tetrachloride	7.95	117	8585	6.278	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	29399	58.748	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	29399	129.775	ug/l #	7

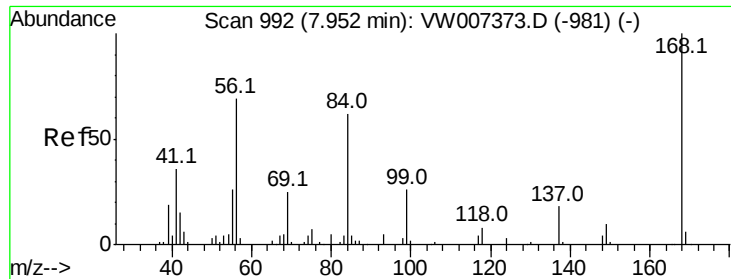
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121518\
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Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1215SBL01

Quant Time: Dec 13 04:20:04 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
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# 991

Delta R.T. -0.01 min

Lab File: VW007450.D

Acq: 12 Dec 2018 21:03

Instrument :

MSVOA_W

ClientSampleId :

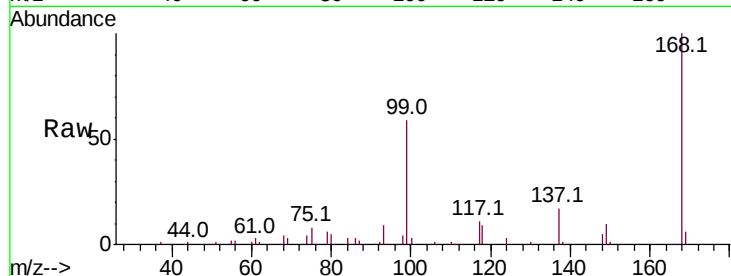
VW1215SBL01

Tot Ion:168 Resp: 82198

Ion Ratio Lower Upper

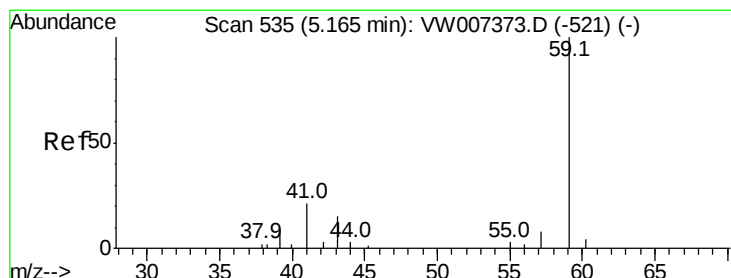
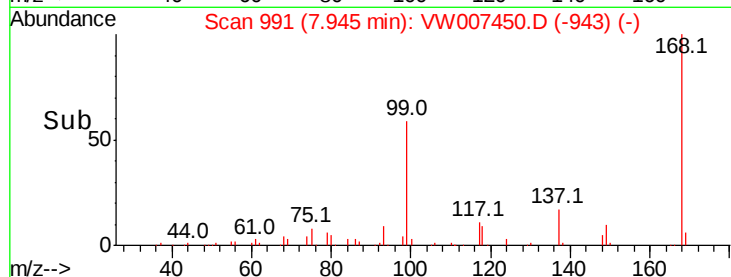
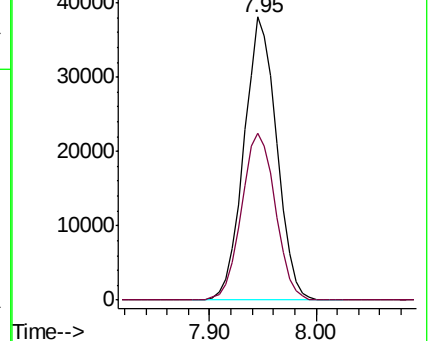
168 100

99 59.1 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.108 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.01 min

Lab File: VW007450.D

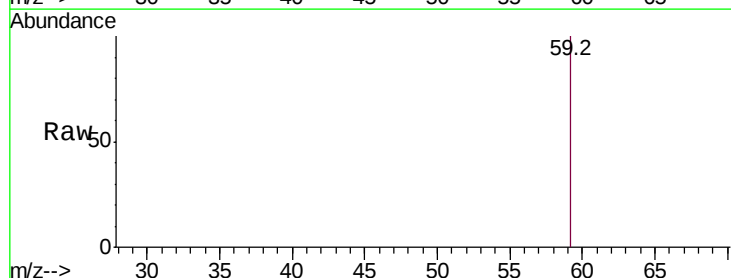
Acq: 12 Dec 2018 21:03

Tgt Ion: 59 Resp: 132

Ion Ratio Lower Upper

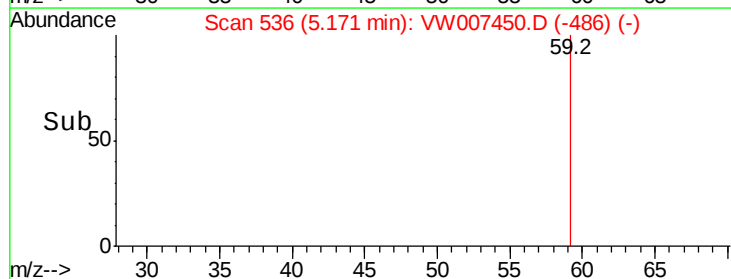
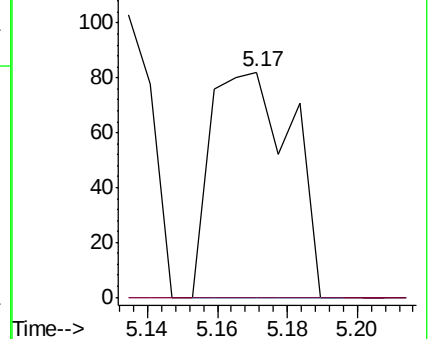
59 100

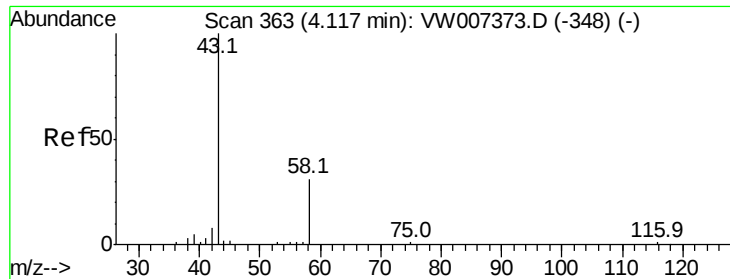
57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 5.123 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007450.D

Acq: 12 Dec 2018 21:03

Instrument :

MSVOA_W

ClientSampleId :

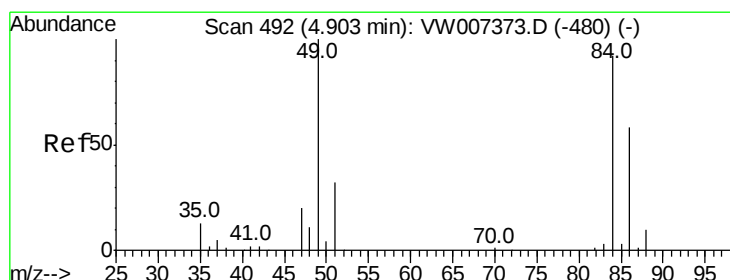
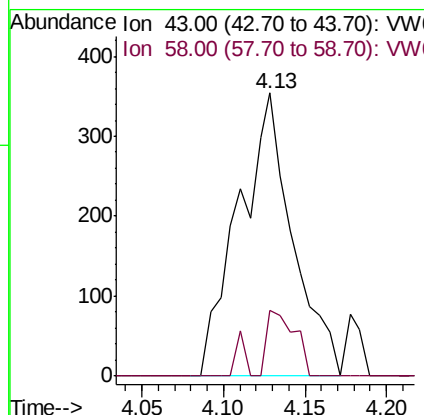
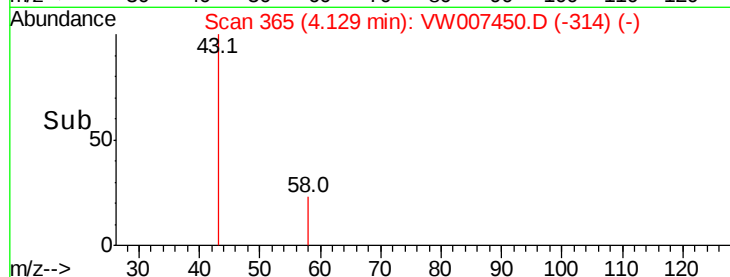
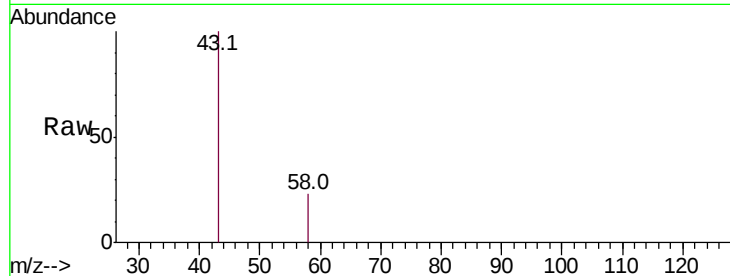
VW1215SBL01

Tot Ion: 43 Resp: 816

Ion Ratio Lower Upper

43 100

58 23.2 24.9 37.3#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW007450.D

Acq: 12 Dec 2018 21:03

Tgt Ion: 84 Resp: 2476

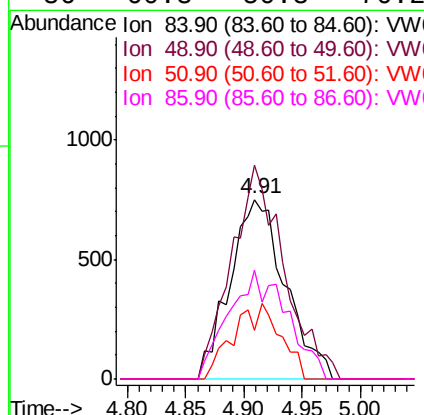
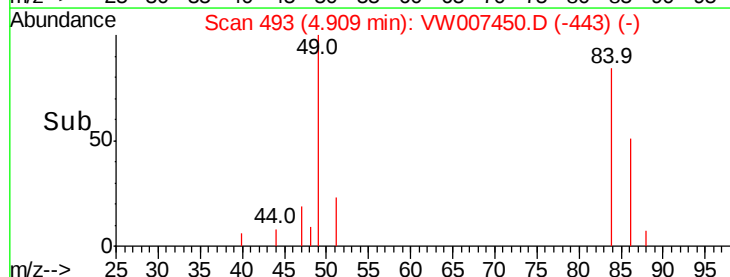
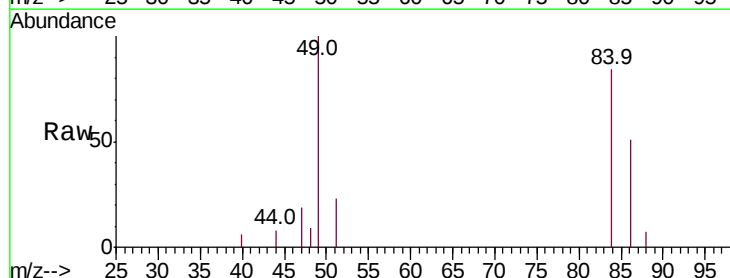
Ion Ratio Lower Upper

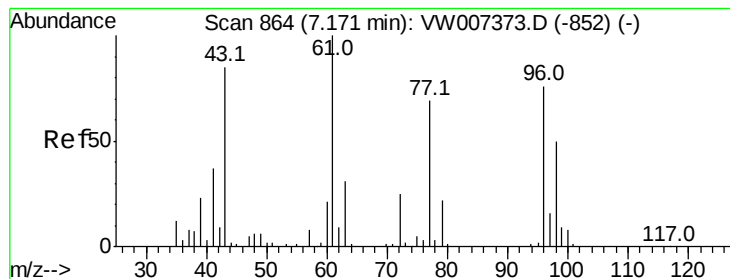
84 100

49 119.2 87.1 130.7

51 27.3 28.2 42.2#

86 60.8 50.8 76.2





#25

2-Butanone

Concen: 1.212 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW007450.D

Acq: 12 Dec 2018 21:03

Instrument :

MSVOA_W

ClientSampleId :

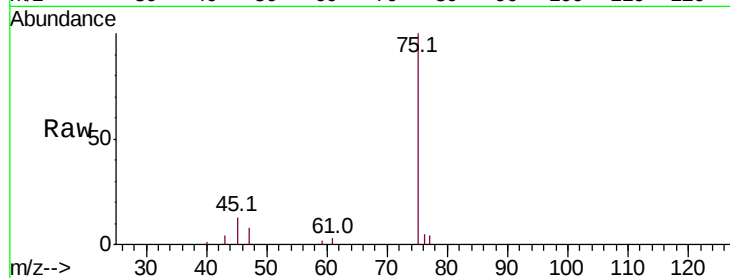
VW1215SBL01

Tot Ion: 43 Resp: 252

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

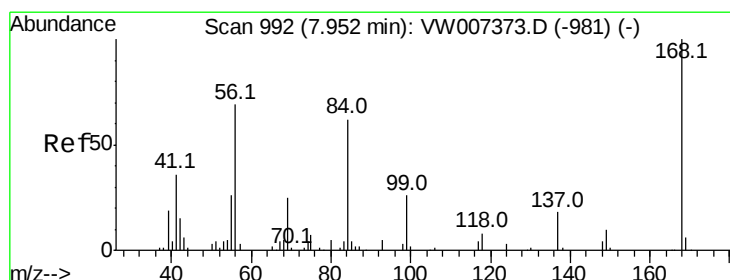
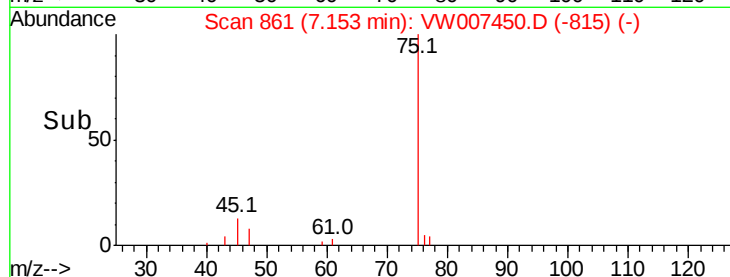
7.15

100

50

0

Time-->



#31

Cyclohexane

Concen: 1.234 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW007450.D

Acq: 12 Dec 2018 21:03

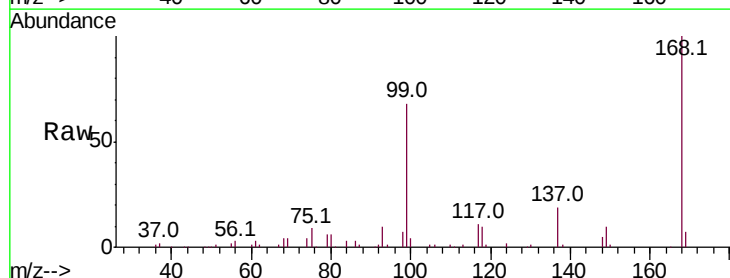
Tgt Ion: 56 Resp: 1748

Ion Ratio Lower Upper

56 100

69 140.5 28.9 43.3#

84 118.1 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

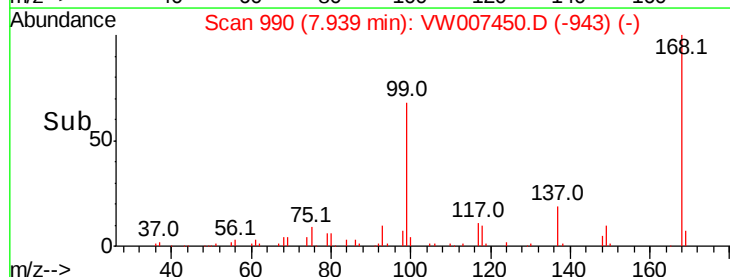
1500

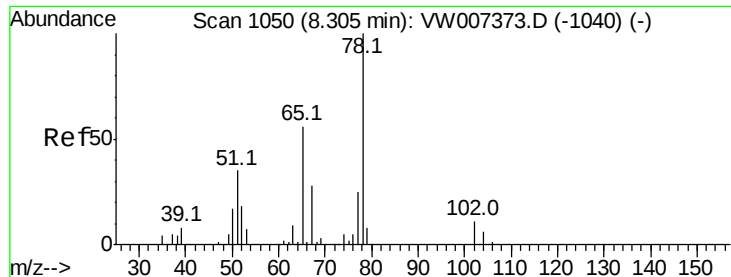
1000

500

0

Time-->

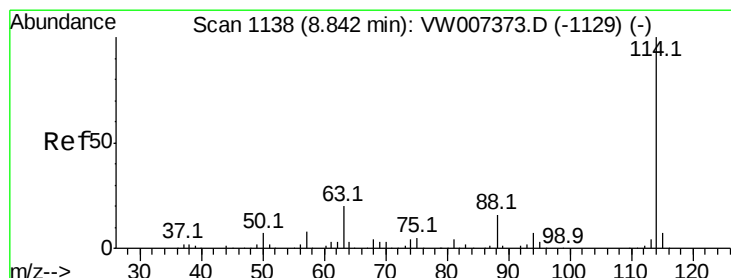
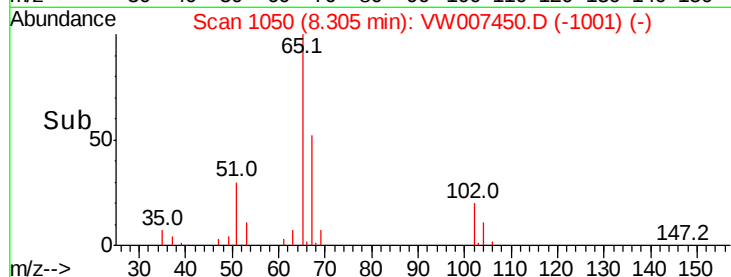
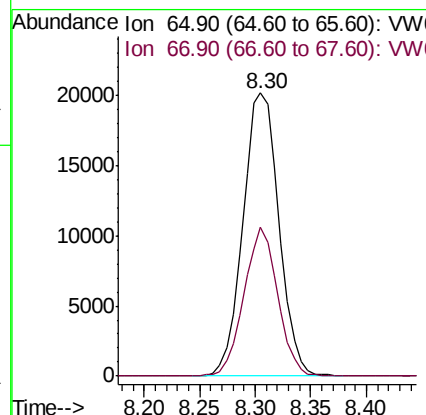
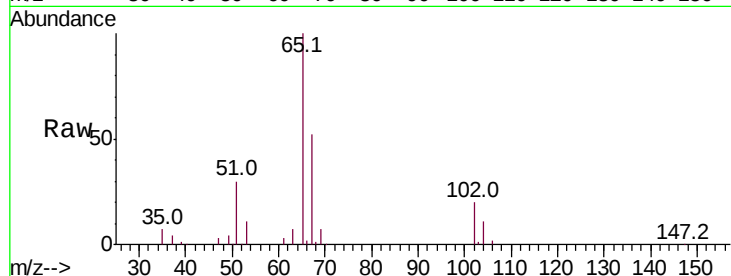




#33
 1,2-Dichloroethane-d4
 Concen: 49.558 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007450.D
 Acq: 12 Dec 2018 21:03

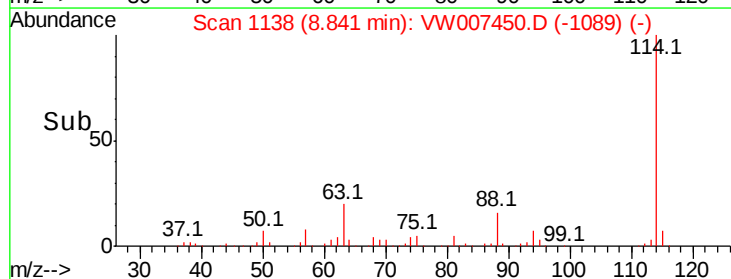
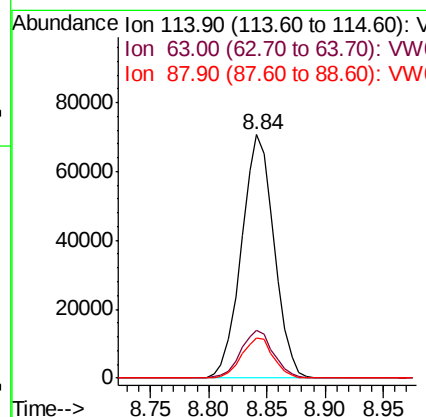
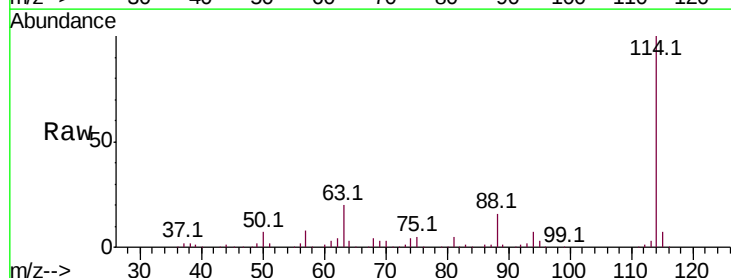
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1215SBL01

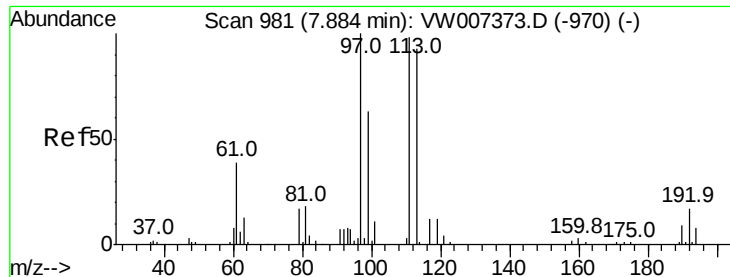
Tot Ion: 65 Resp: 45193
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007450.D
 Acq: 12 Dec 2018 21:03

Tgt Ion: 114 Resp: 137773
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.6
 88 16.3 0.0 31.4

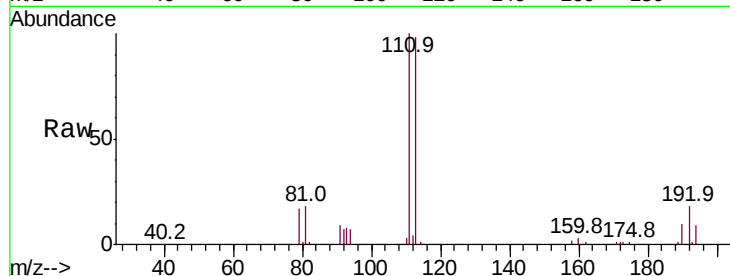




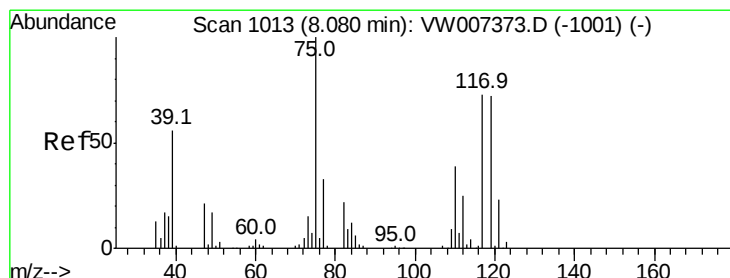
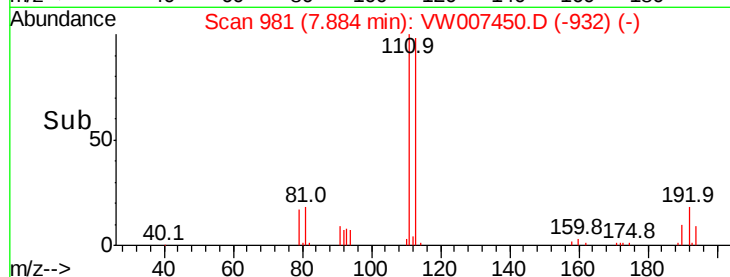
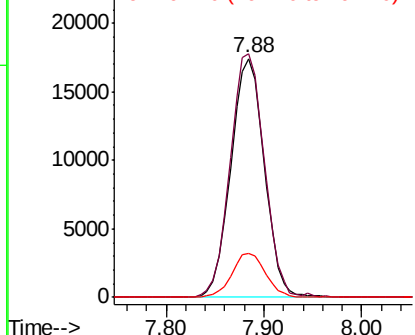
#35
 Dibromofluoromethane
 Concen: 49.651 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007450.D
 Acq: 12 Dec 2018 21:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1215SBL01

Tot Ion:113 Resp: 41409
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.1 121.7
 192 18.5 14.6 21.8

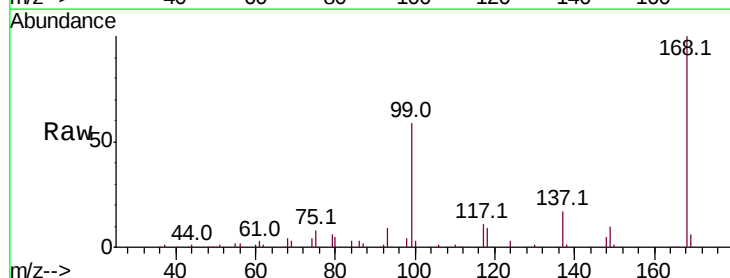


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

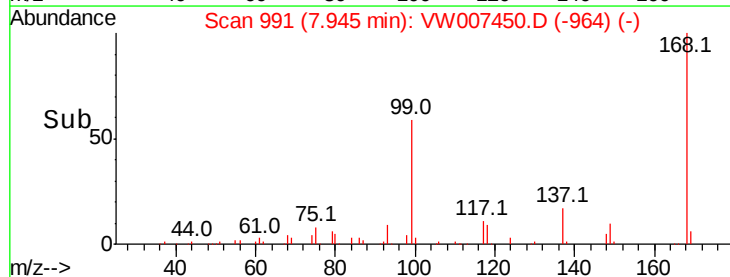
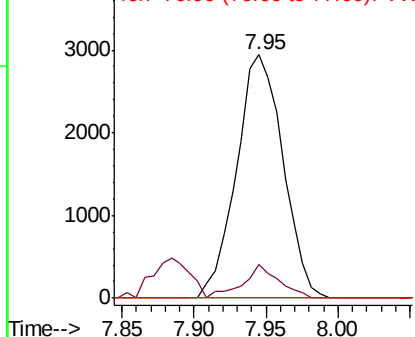


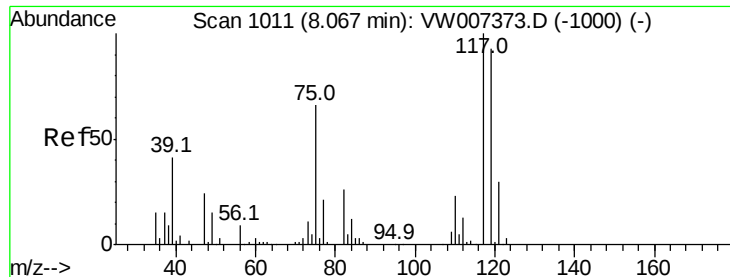
#36
 1,1-Dichloropropene
 Concen: 5.239 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007450.D
 Acq: 12 Dec 2018 21:03

Tgt Ion: 75 Resp: 6585
 Ion Ratio Lower Upper
 75 100
 110 9.8 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: 6.278 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW007450.D

Acq: 12 Dec 2018 21:03

Instrument :

MSVOA_W

ClientSampleId :

VW1215SBL01

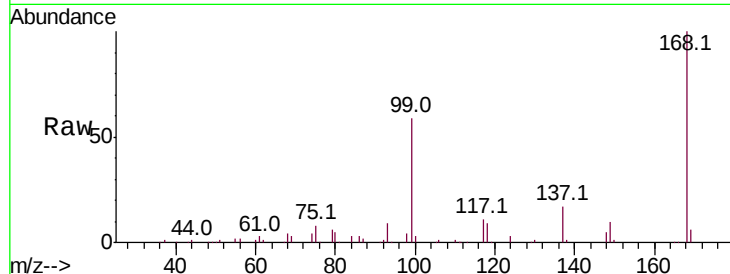
Tot Ion:117 Resp: 8585

Ion Ratio Lower Upper

117 100

119 4.0 74.3 111.5#

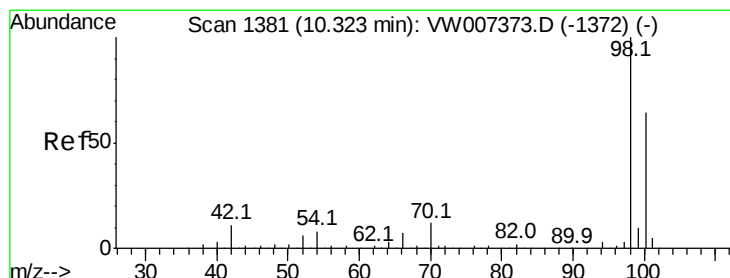
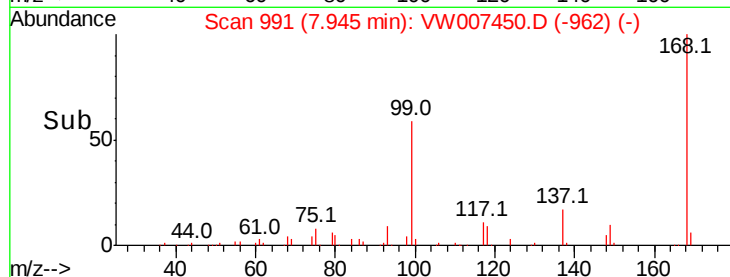
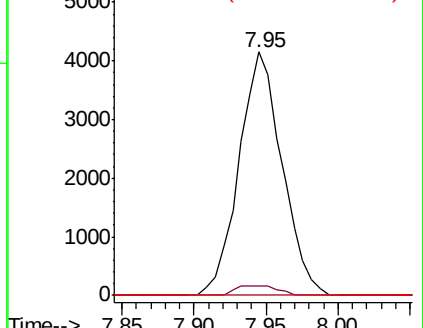
121 0.0 24.3 36.5#



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: 50.212 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007450.D

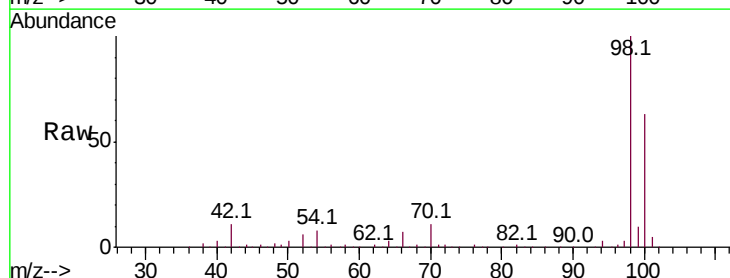
Acq: 12 Dec 2018 21:03

Tgt Ion: 98 Resp: 157015

Ion Ratio Lower Upper

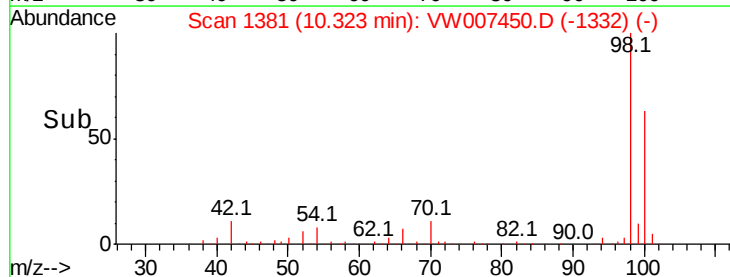
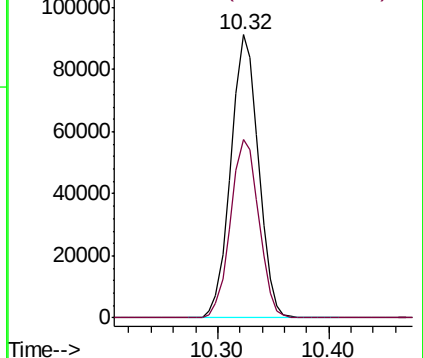
98 100

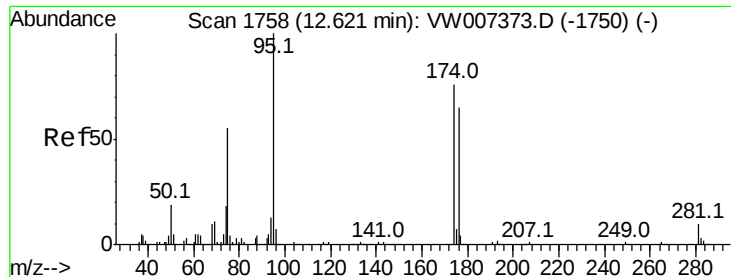
100 64.3 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

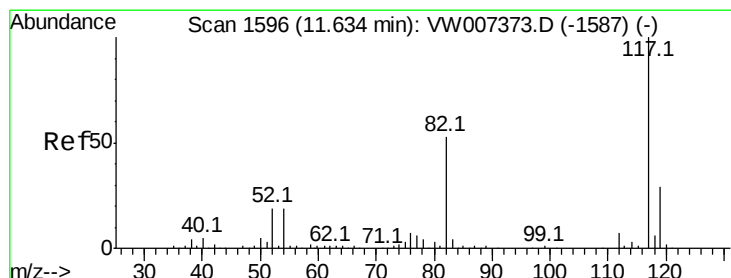
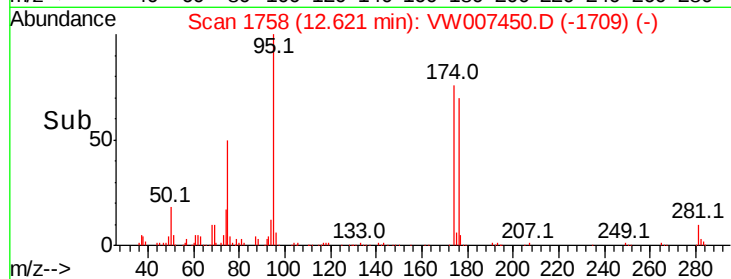
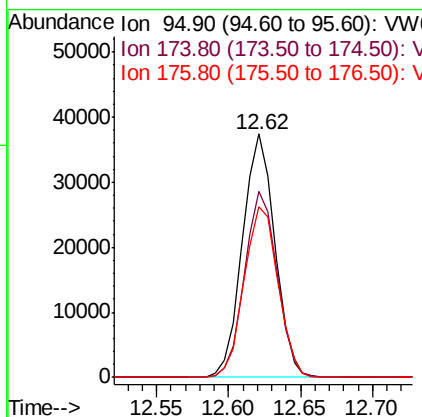
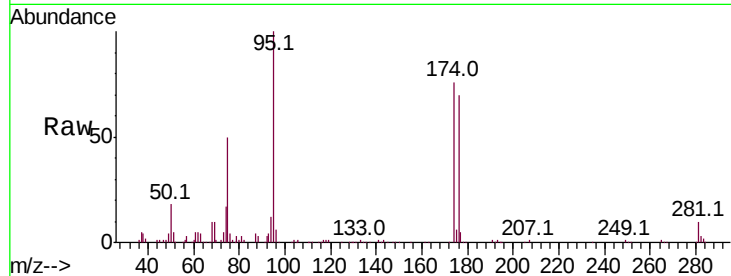




#62
4-Bromofluorobenzene
Concen: 50.663 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007450.D
Acq: 12 Dec 2018 21:03

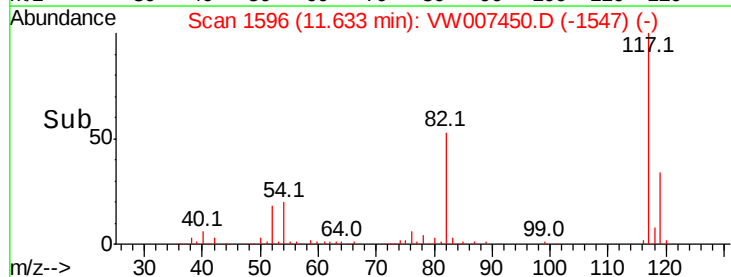
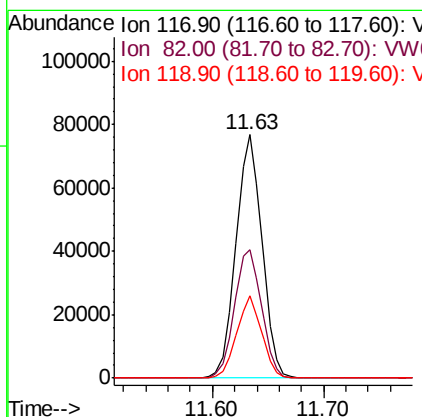
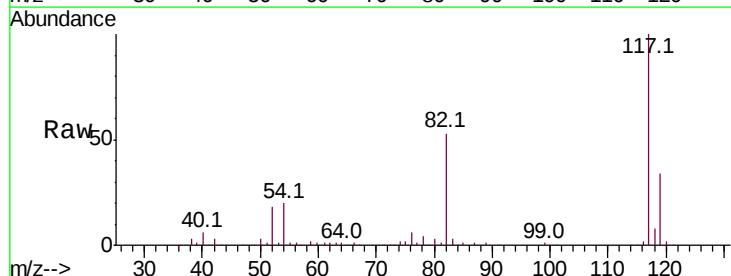
Instrument :
MSVOA_W
ClientSampleId :
VW1215SBL01

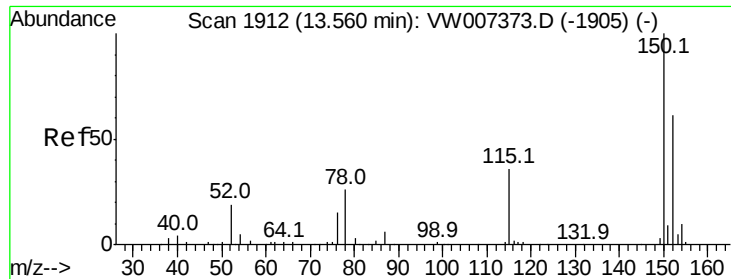
Tot Ion	95	Resp	58249
Ion Ratio	Lower	Upper	
95	100		
174	76.9	0.0	147.2
176	73.2	0.0	138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007450.D
Acq: 12 Dec 2018 21:03

Tgt Ion	117	Resp	124149
Ion Ratio	Lower	Upper	
117	100		
82	52.9	42.3	63.5
119	33.9	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: VW007450.D

Acq: 12 Dec 2018 21:03

Instrument :

MSVOA_W

ClientSampleId :

VW1215SBL01

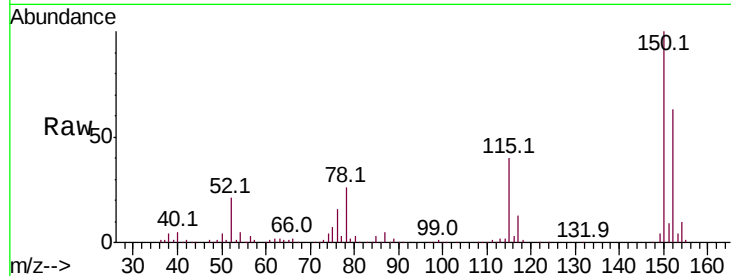
Tot Ion:152 Resp: 60692

Ion Ratio Lower Upper

152 100

115 62.6 31.4 94.2

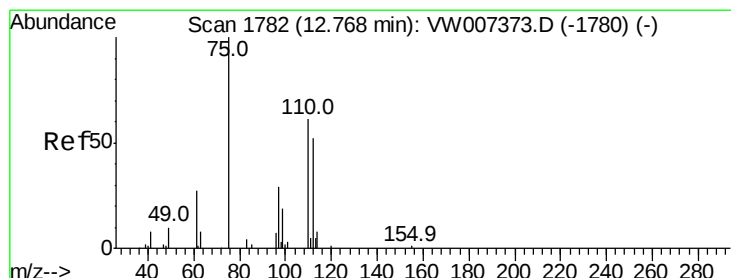
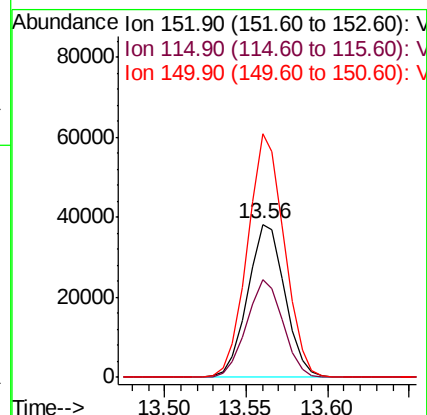
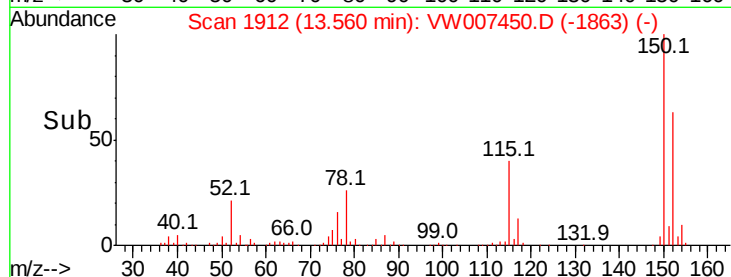
150 157.1 0.0 358.4



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: 58.748 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007450.D

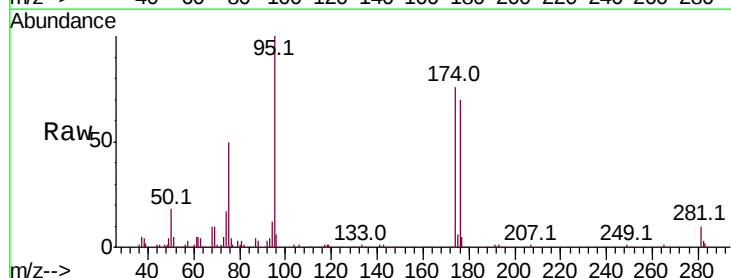
Acq: 12 Dec 2018 21:03

Tgt Ion: 75 Resp: 29399

Ion Ratio Lower Upper

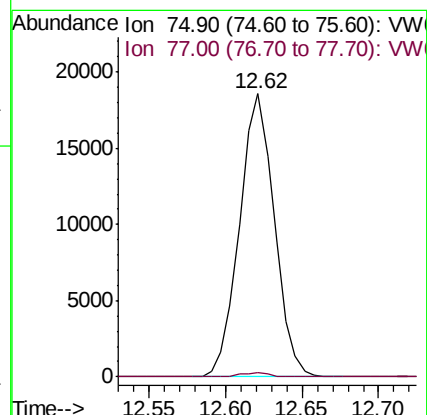
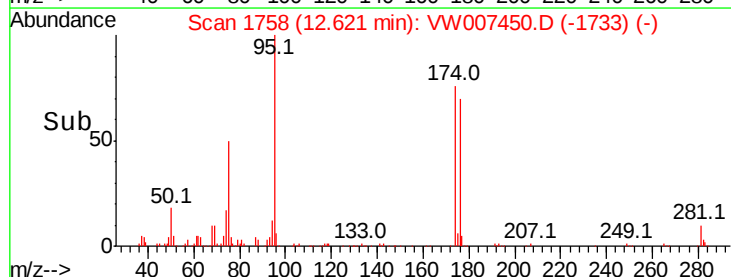
75 100

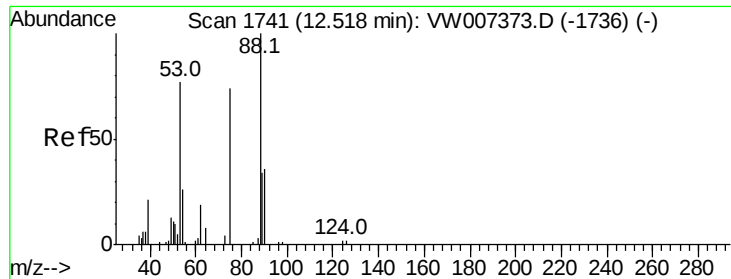
77 1.1 166.9 500.8#



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: 129.775 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007450.D

Acq: 12 Dec 2018 21:03

Instrument :

MSVOA_W

ClientSampleId :

VW1215SBL01

Tot Ion: 75 Resp: 29399

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

