

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122018\
 Data File : VW007667.D
 Acq On : 18 Dec 2018 19:02
 Operator : SY/AP
 Sample : J6391-12RE
 Misc : 4.18G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 03:20:43 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	42680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	67697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	39628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	8714	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	31765	67.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	134.18%	
35) Dibromofluoromethane	7.88	113	25844	63.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.14%	
50) Toluene-d8	10.32	98	64822	42.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.38%	
62) 4-Bromofluorobenzene	12.62	95	12664	22.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	44.84%	

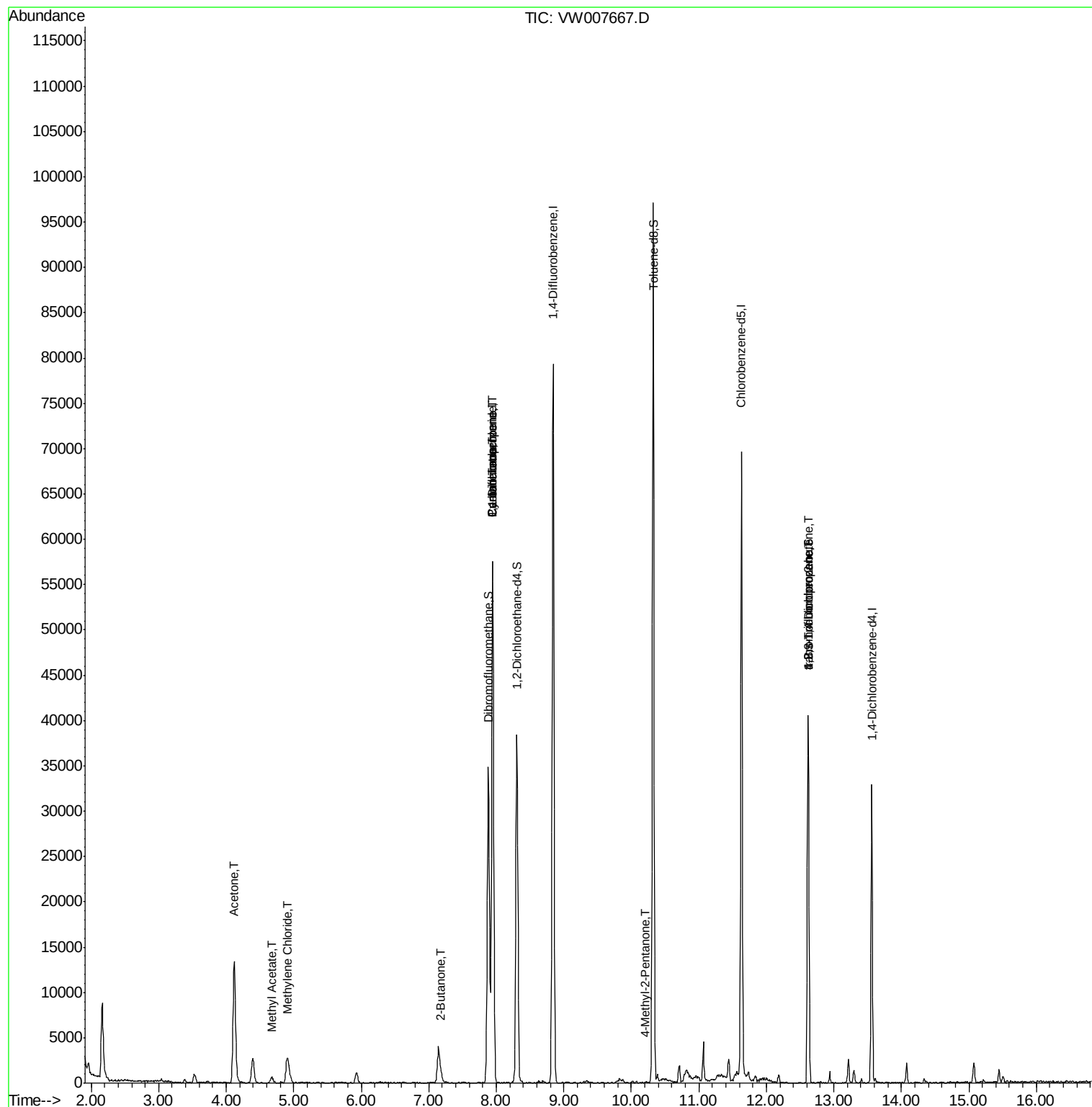
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	23284	281.526	ug/l	94
18) Methyl Acetate	4.67	43	1393	6.206	ug/l #	78
20) Methylene Chloride	4.92	84	2746	2.337	ug/l #	87
25) 2-Butanone	7.18	43	1871	17.328	ug/l	90
31) Cyclohexane	7.95	56	830	1.128	ug/l #	12
36) 1,1-Dichloropropene	7.95	75	3178	5.146	ug/l #	48
38) Carbon Tetrachloride	7.95	117	4533	6.746	ug/l #	21
51) 4-Methyl-2-Pentanone	10.21	43	227	1.059	ug/l #	34
76) 1,2,3-Trichloropropane	12.62	75	6667	92.791	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	6667	204.977	ug/l #	7

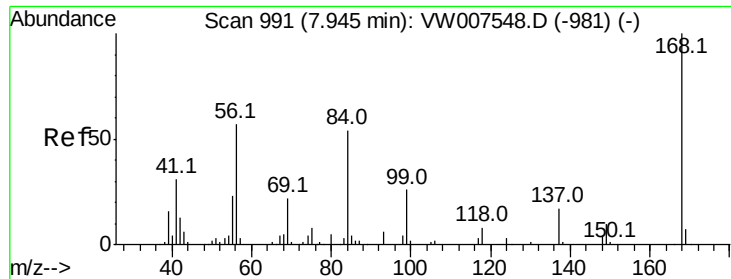
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 19 03:20:43 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: VW007667.D

Acq: 18 Dec 2018 19:02

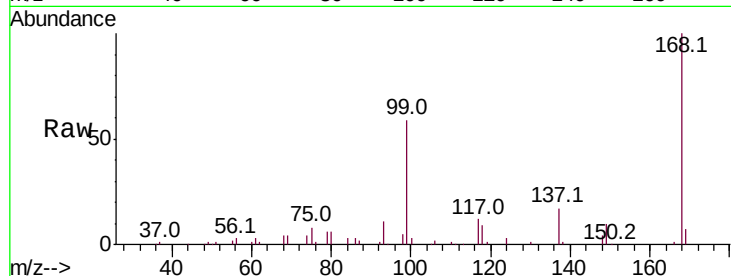
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 42680

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

7.95

20000

15000

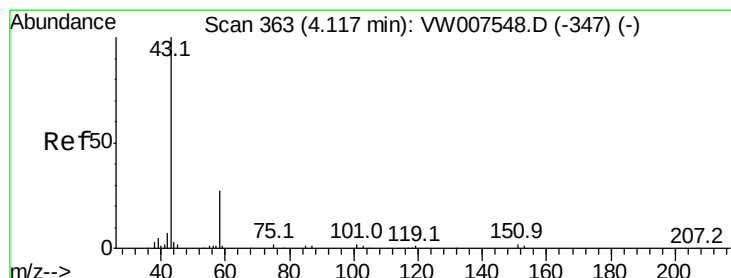
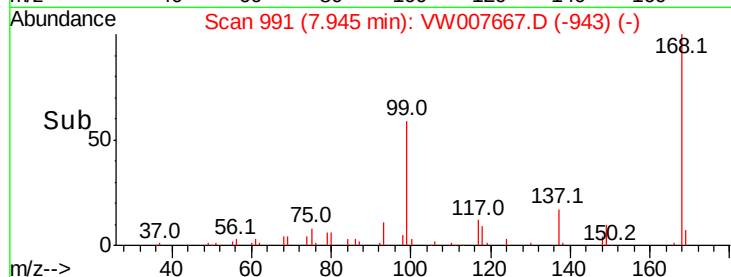
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 281.526 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007667.D

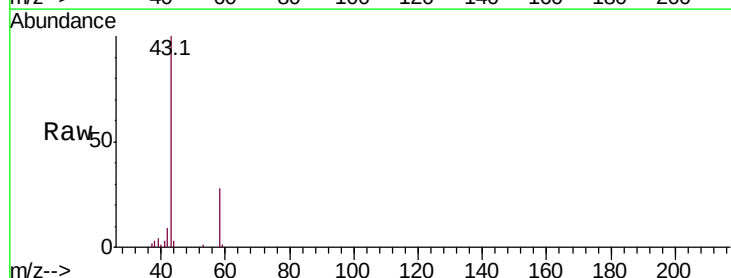
Acq: 18 Dec 2018 19:02

Tgt Ion: 43 Resp: 23284

Ion Ratio Lower Upper

43 100

58 27.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

10000

8000

6000

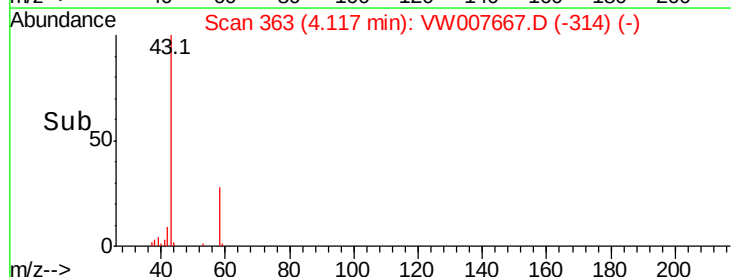
4000

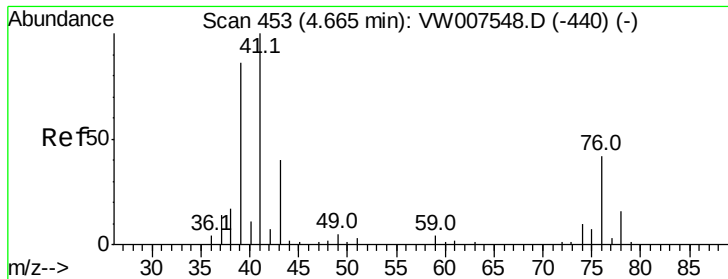
2000

0

Time-->

4.00 4.10 4.20





#18

Methyl Acetate

Concen: 6.206 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW007667.D

Acq: 18 Dec 2018 19:02

Instrument :

MSVOA_W

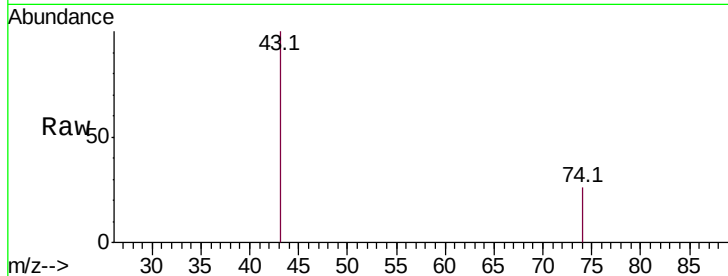
ClientSampleId :

Tot Ion: 43 Resp: 1393

Ion Ratio Lower Upper

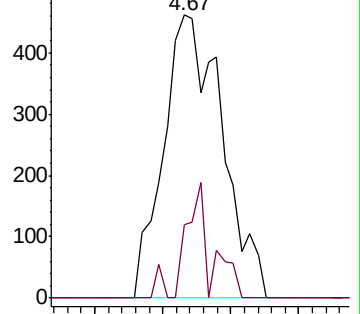
43 100

74 15.0 21.1 31.7#

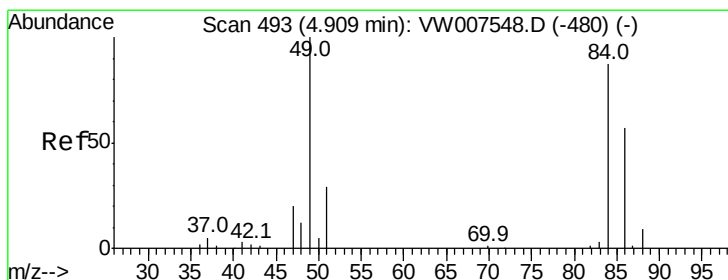
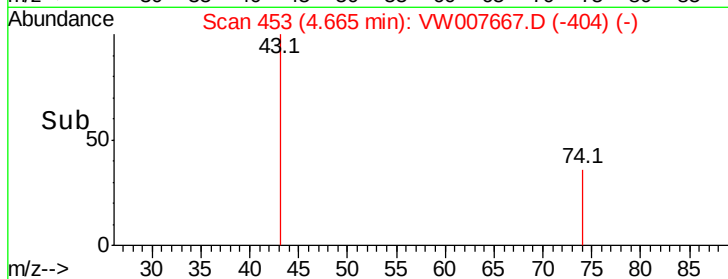


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



Time-->



#20

Methylene Chloride

Concen: 2.337 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW007667.D

Acq: 18 Dec 2018 19:02

Tgt Ion: 84 Resp: 2746

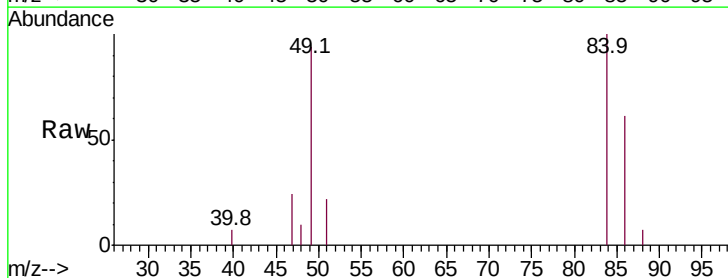
Ion Ratio Lower Upper

84 100

49 93.8 87.1 130.7

51 21.8 28.2 42.2#

86 60.5 50.8 76.2

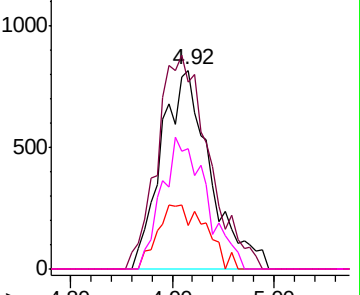


Abundance Ion 83.90 (83.60 to 84.60): VW

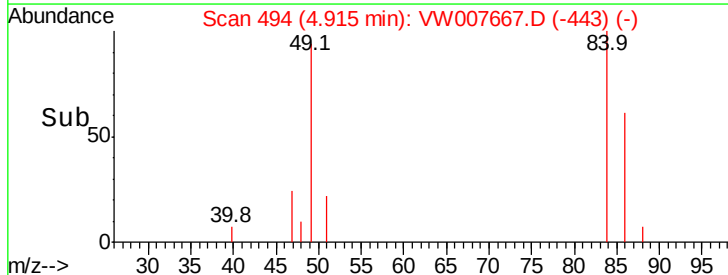
Ion 48.90 (48.60 to 49.60): VW

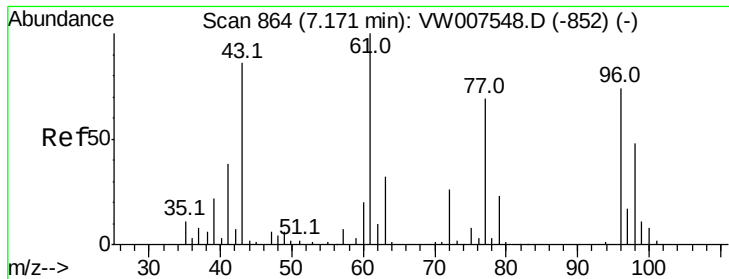
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



Time-->





#25

2-Butanone

Concen: 17.328 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW007667.D

Acq: 18 Dec 2018 19:02

Instrument :

MSVOA_W

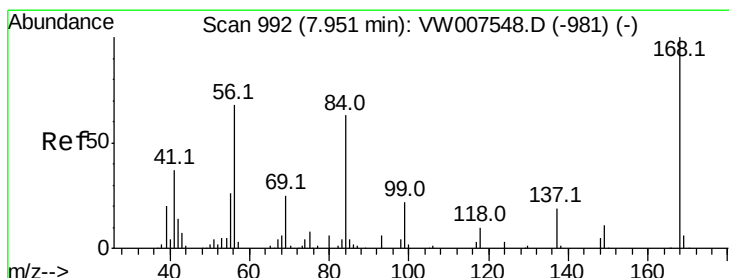
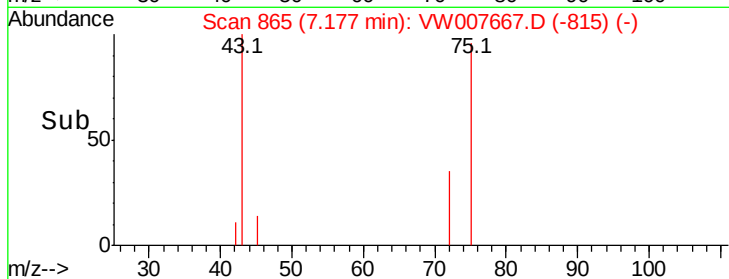
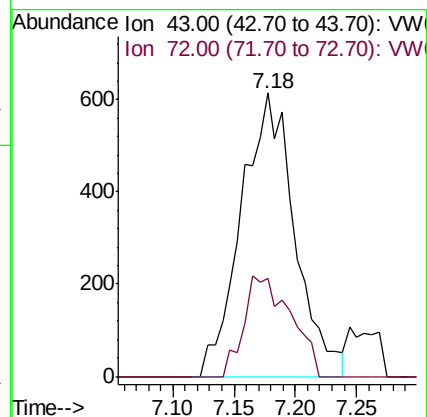
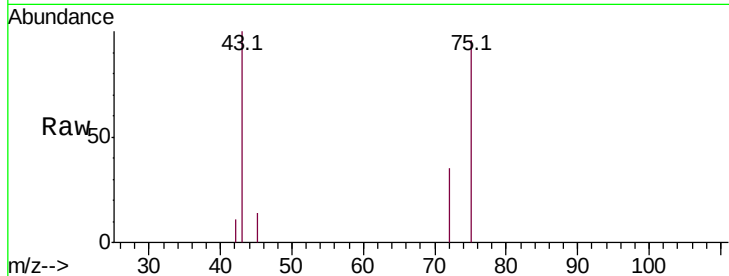
ClientSampleId :

Tot Ion: 43 Resp: 1871

Ion Ratio Lower Upper

43 100

72 34.7 23.4 35.2



#31

Cyclohexane

Concen: 1.128 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007667.D

Acq: 18 Dec 2018 19:02

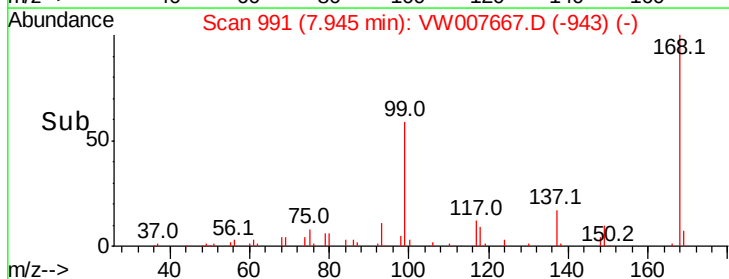
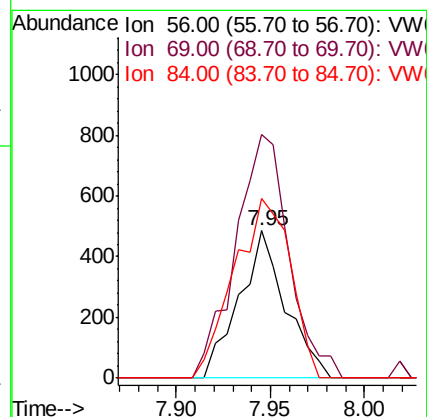
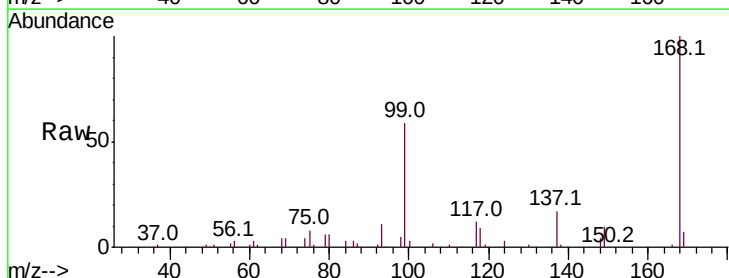
Tgt Ion: 56 Resp: 830

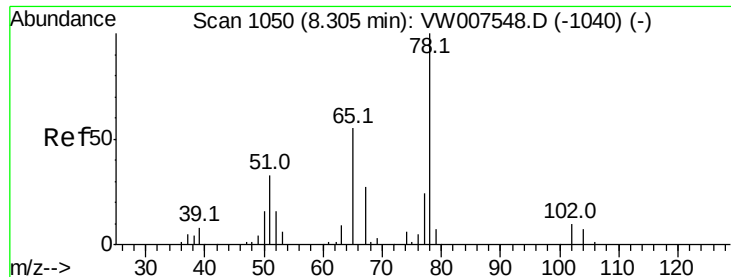
Ion Ratio Lower Upper

56 100

69 165.4 28.9 43.3#

84 122.1 71.8 107.6#

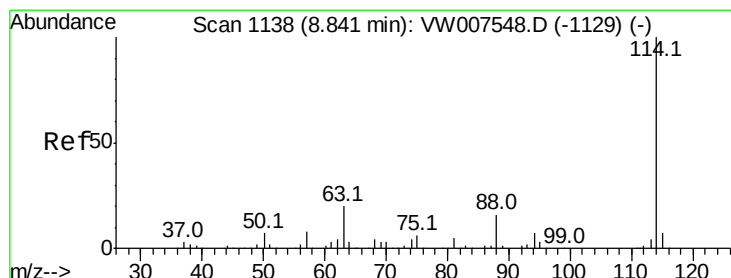
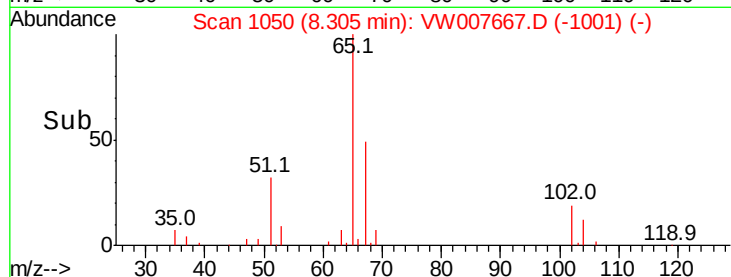
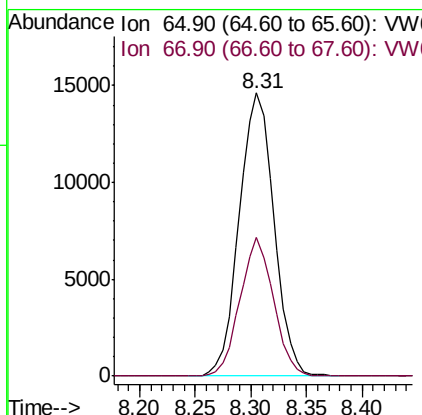
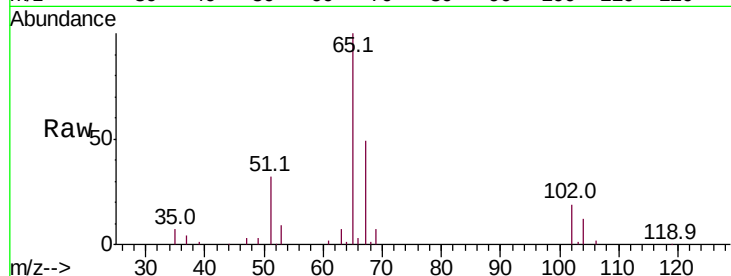




#33
 1,2-Dichloroethane-d4
 Concen: 67.085 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007667.D
 Acq: 18 Dec 2018 19:02

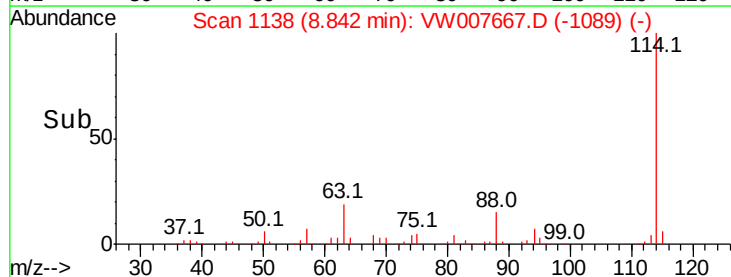
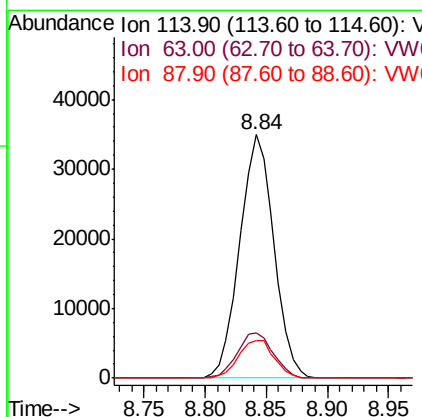
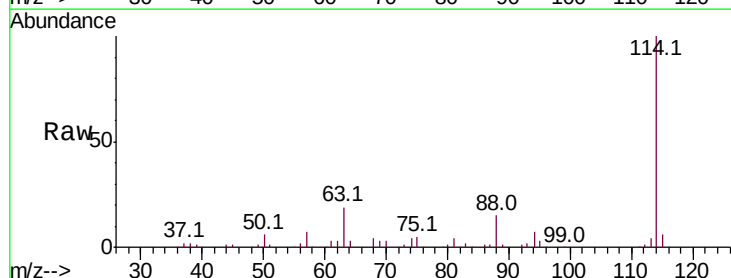
Instrument :
 MSVOA_W
 ClientSampleId :

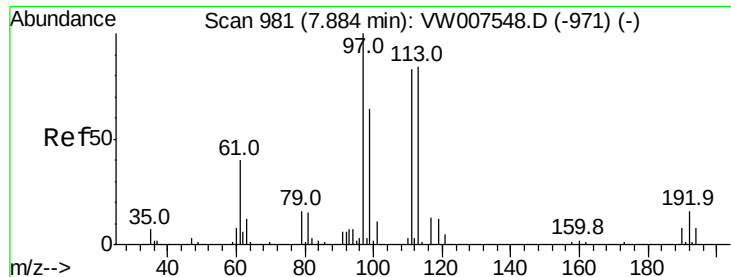
Tot Ion: 65 Resp: 31765
 Ion Ratio Lower Upper
 65 100
 67 47.1 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007667.D
 Acq: 18 Dec 2018 19:02

Tgt Ion: 114 Resp: 67697
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.6
 88 15.3 0.0 31.4

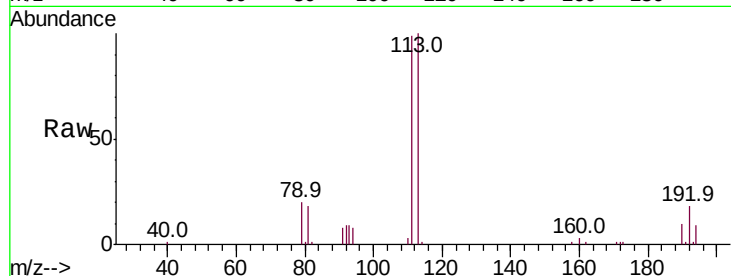




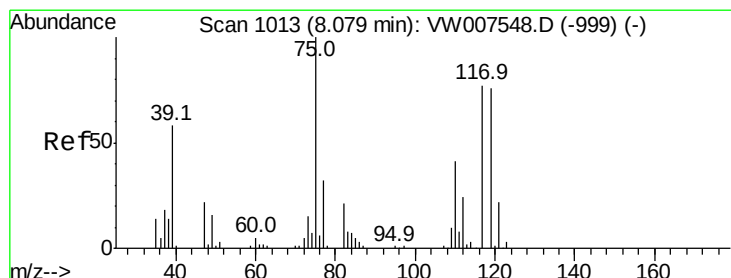
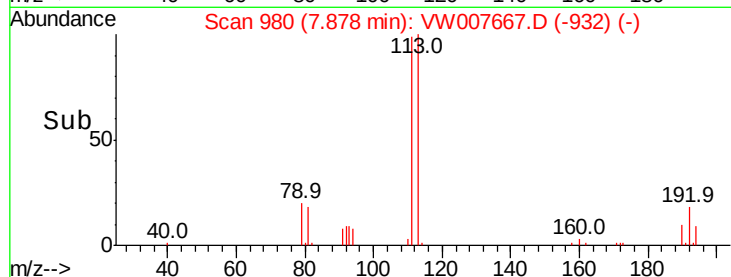
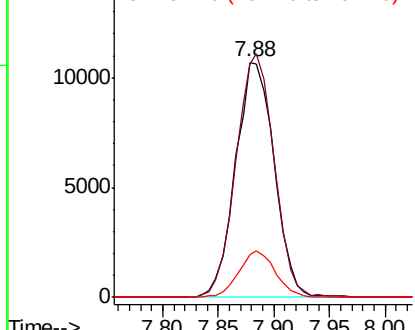
#35
 Dibromofluoromethane
 Concen: 63.065 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW007667.D
 Acq: 18 Dec 2018 19:02

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 25844
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.1 121.7
 192 18.7 14.6 21.8

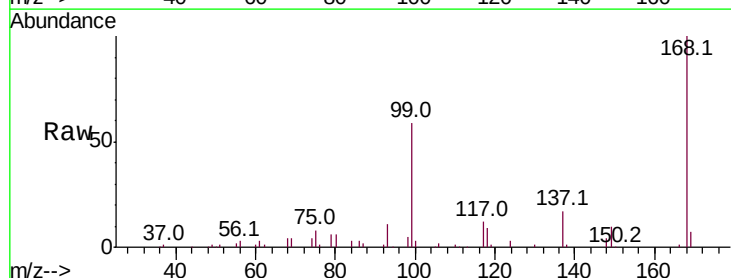


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

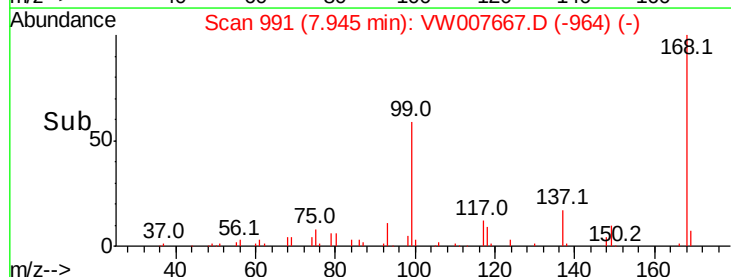
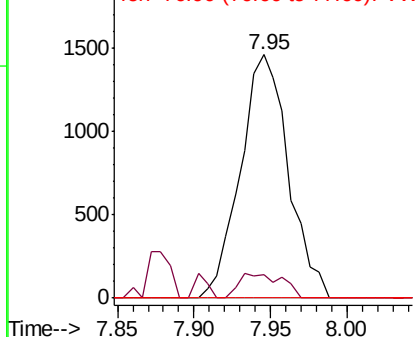


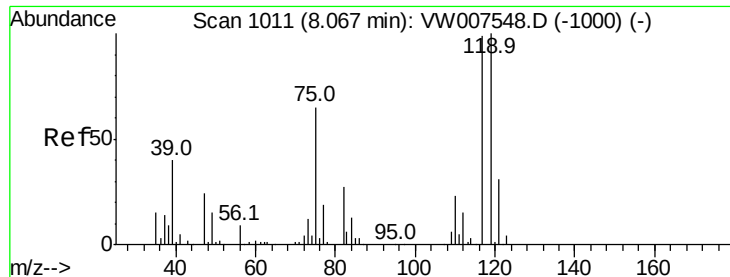
#36
 1,1-Dichloropropene
 Concen: 5.146 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007667.D
 Acq: 18 Dec 2018 19:02

Tgt Ion: 75 Resp: 3178
 Ion Ratio Lower Upper
 75 100
 110 9.2 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

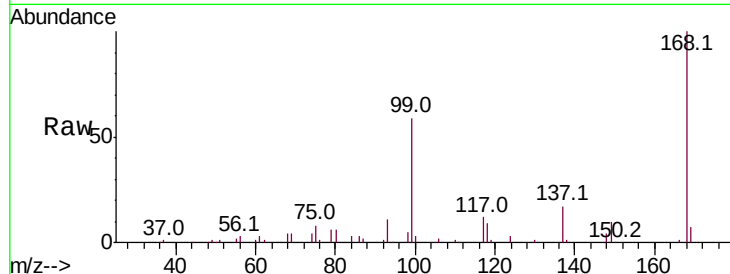




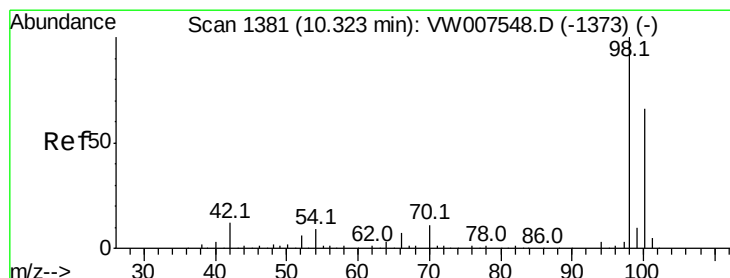
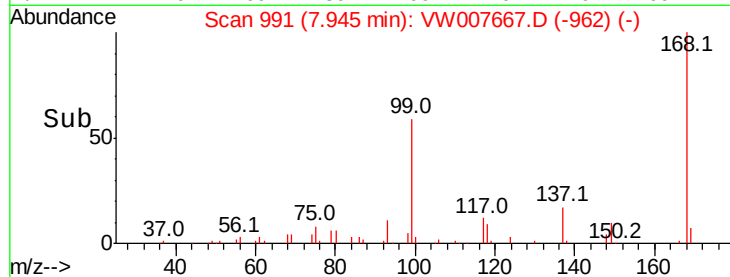
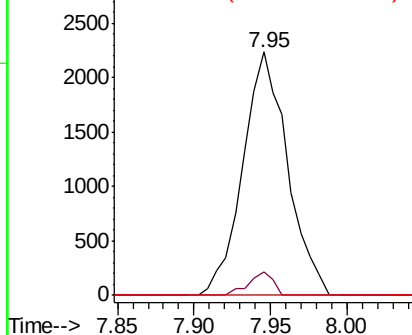
#38
Carbon Tetrachloride
Concen: 6.746 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007667.D
Acq: 18 Dec 2018 19:02

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 4533
Ion Ratio Lower Upper
117 100
119 9.9 74.3 111.5#
121 0.0 24.3 36.5#

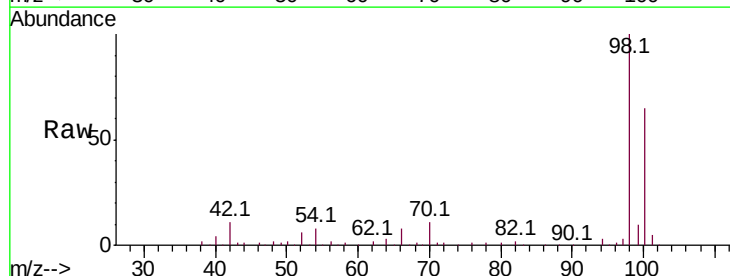


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

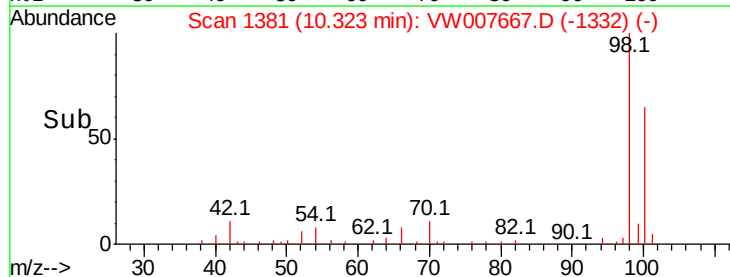
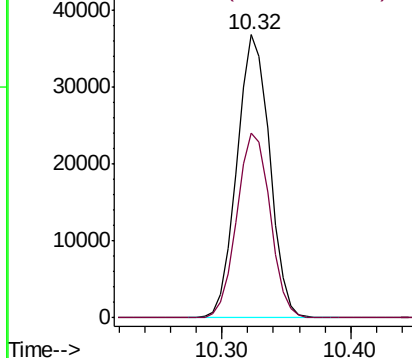


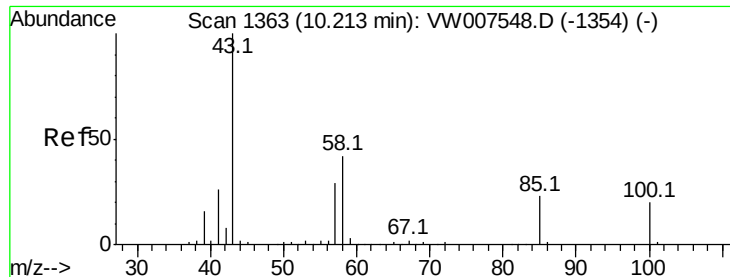
#50
Toluene-d8
Concen: 42.188 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007667.D
Acq: 18 Dec 2018 19:02

Tgt Ion: 98 Resp: 64822
Ion Ratio Lower Upper
98 100
100 66.3 51.8 77.8



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





#51

4-Methyl-2-Pentanone

Concen: 1.059 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW007667.D

Acq: 18 Dec 2018 19:02

Instrument :

MSVOA_W

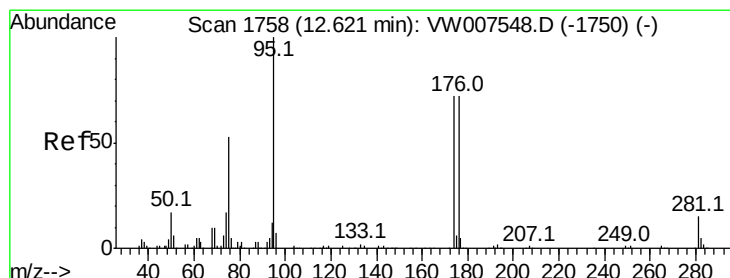
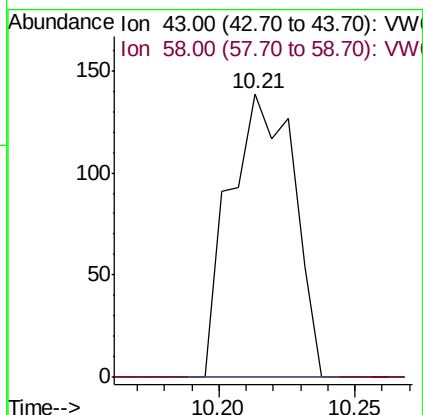
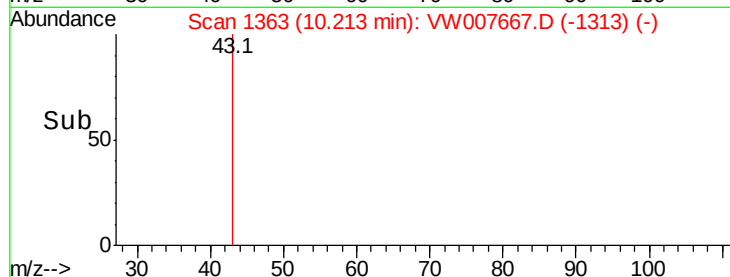
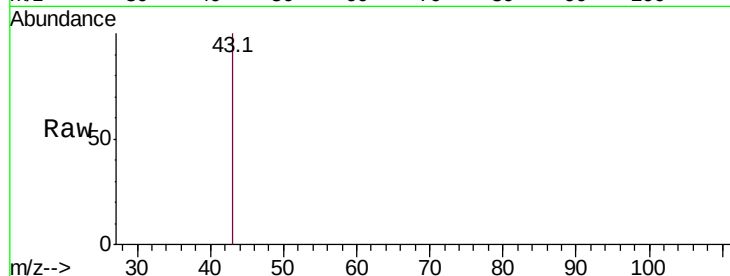
ClientSampleId :

Tot Ion: 43 Resp: 227

Ion Ratio Lower Upper

43 100

58 0.0 33.1 49.7#



#62

4-Bromofluorobenzene

Concen: 22.417 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007667.D

Acq: 18 Dec 2018 19:02

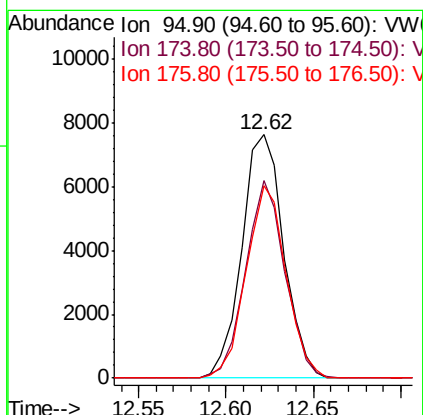
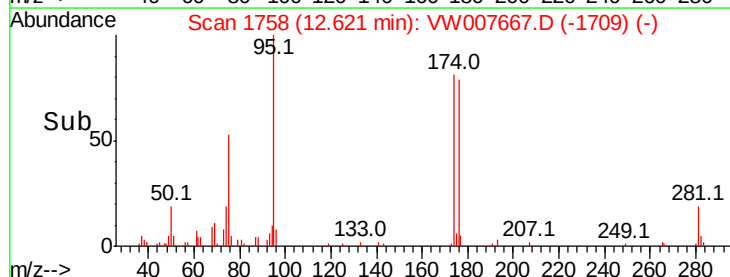
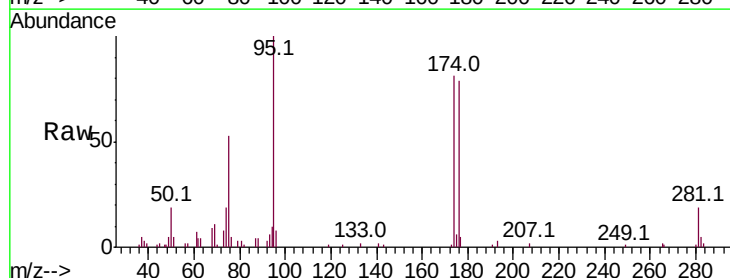
Tgt Ion: 95 Resp: 12664

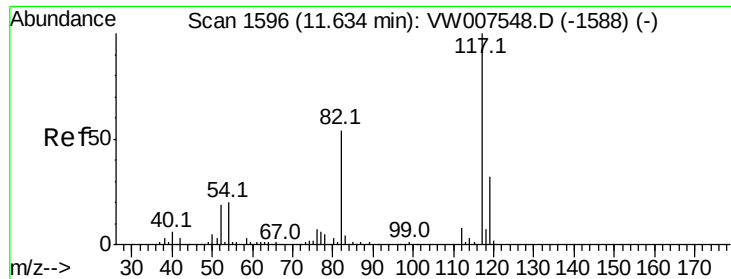
Ion Ratio Lower Upper

95 100

174 76.7 0.0 147.2

176 75.6 0.0 138.8

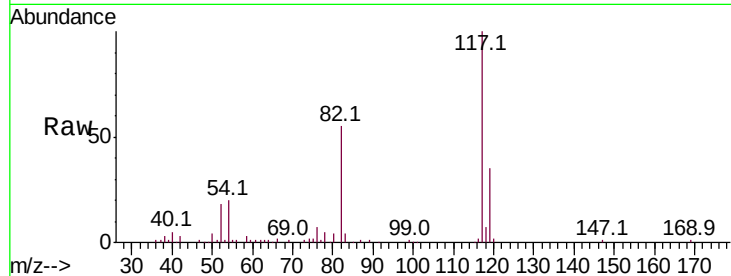




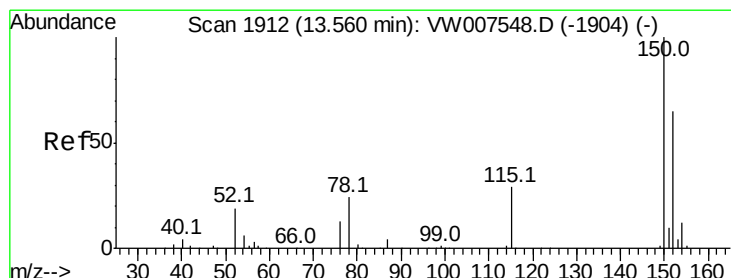
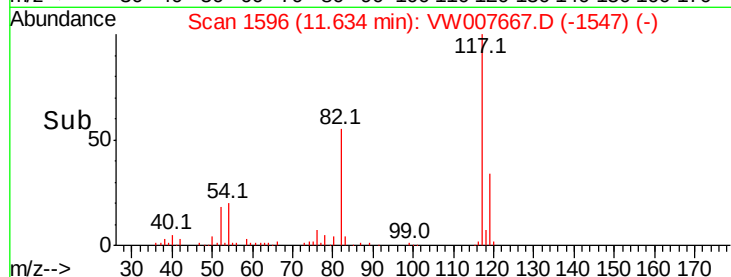
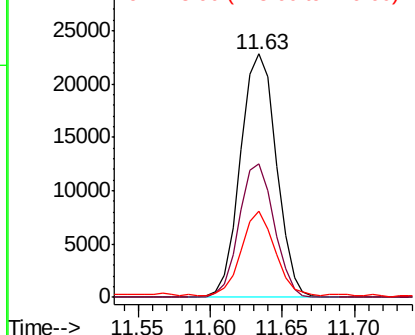
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007667.D
Acq: 18 Dec 2018 19:02

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 39628
Ion Ratio Lower Upper
117 100
82 54.9 42.3 63.5
119 34.4 23.0 34.6

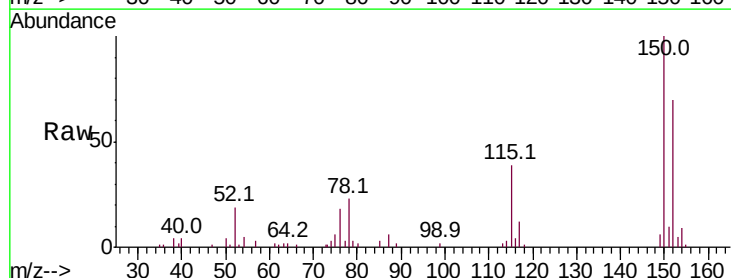


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

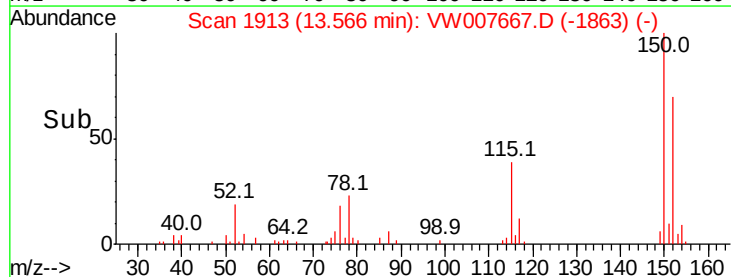
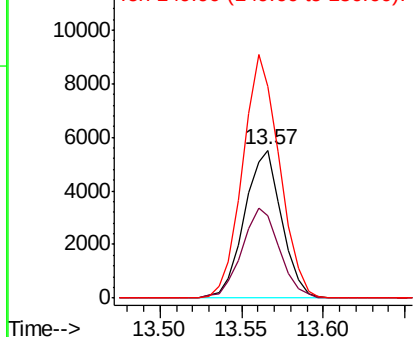


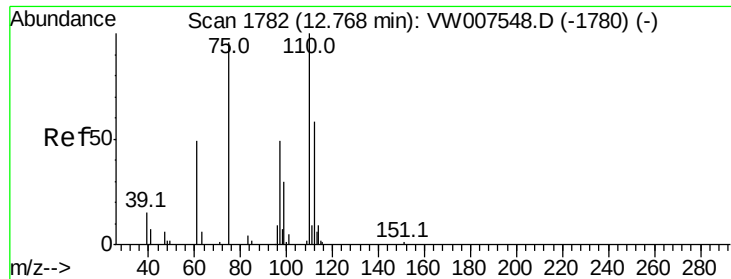
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007667.D
Acq: 18 Dec 2018 19:02

Tgt Ion:152 Resp: 8714
Ion Ratio Lower Upper
152 100
115 61.7 31.4 94.2
150 163.4 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: 92.791 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007667.D

Acq: 18 Dec 2018 19:02

Instrument :

MSVOA_W

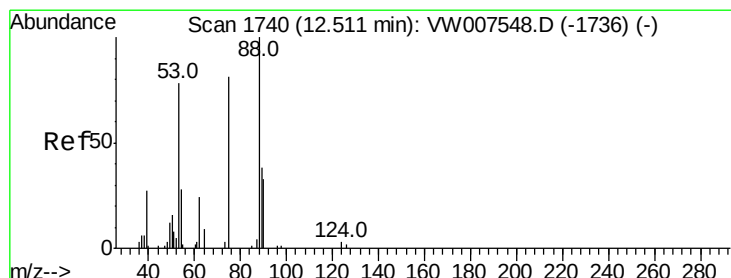
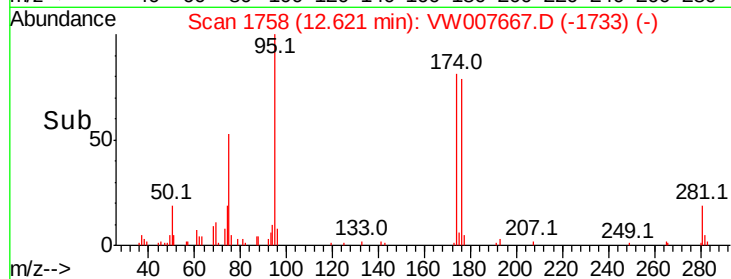
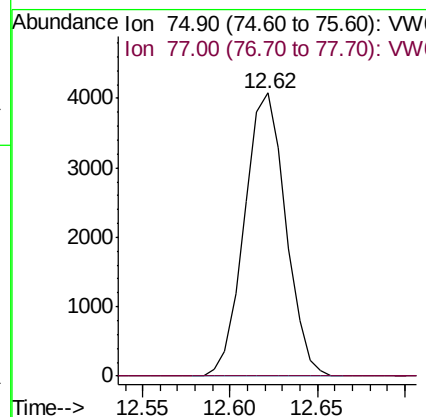
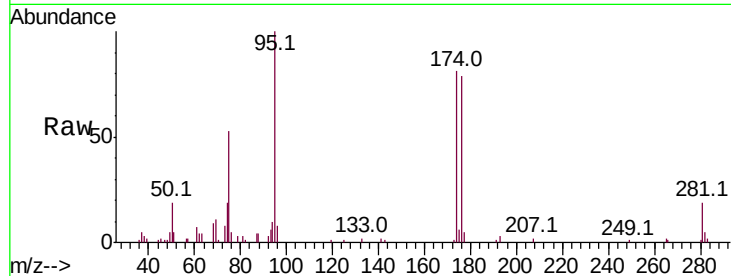
ClientSampleId :

Tot Ion: 75 Resp: 6667

Ion Ratio Lower Upper

75 100

77 0.0 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 204.977 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007667.D

Acq: 18 Dec 2018 19:02

Tgt Ion: 75 Resp: 6667

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

