

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
 Data File : VW007849.D
 Acq On : 22 Dec 2018 18:02
 Operator : SY/AP
 Sample : J6388-06RE
 Misc : 5.86G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS009-0006-01

Quant Time: Dec 23 23:55:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	75862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	126073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	92880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	31175	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	44440	53.45	ug/l	0.00
Spiked Amount			Recovery	=	106.90%	
35) Dibromofluoromethane	7.88	113	39483	51.34	ug/l	0.00
Spiked Amount			Recovery	=	102.68%	
50) Toluene-d8	10.32	98	137418	47.39	ug/l	0.00
Spiked Amount			Recovery	=	94.78%	
62) 4-Bromofluorobenzene	12.62	95	38971	34.79	ug/l	0.00
Spiked Amount			Recovery	=	69.58%	

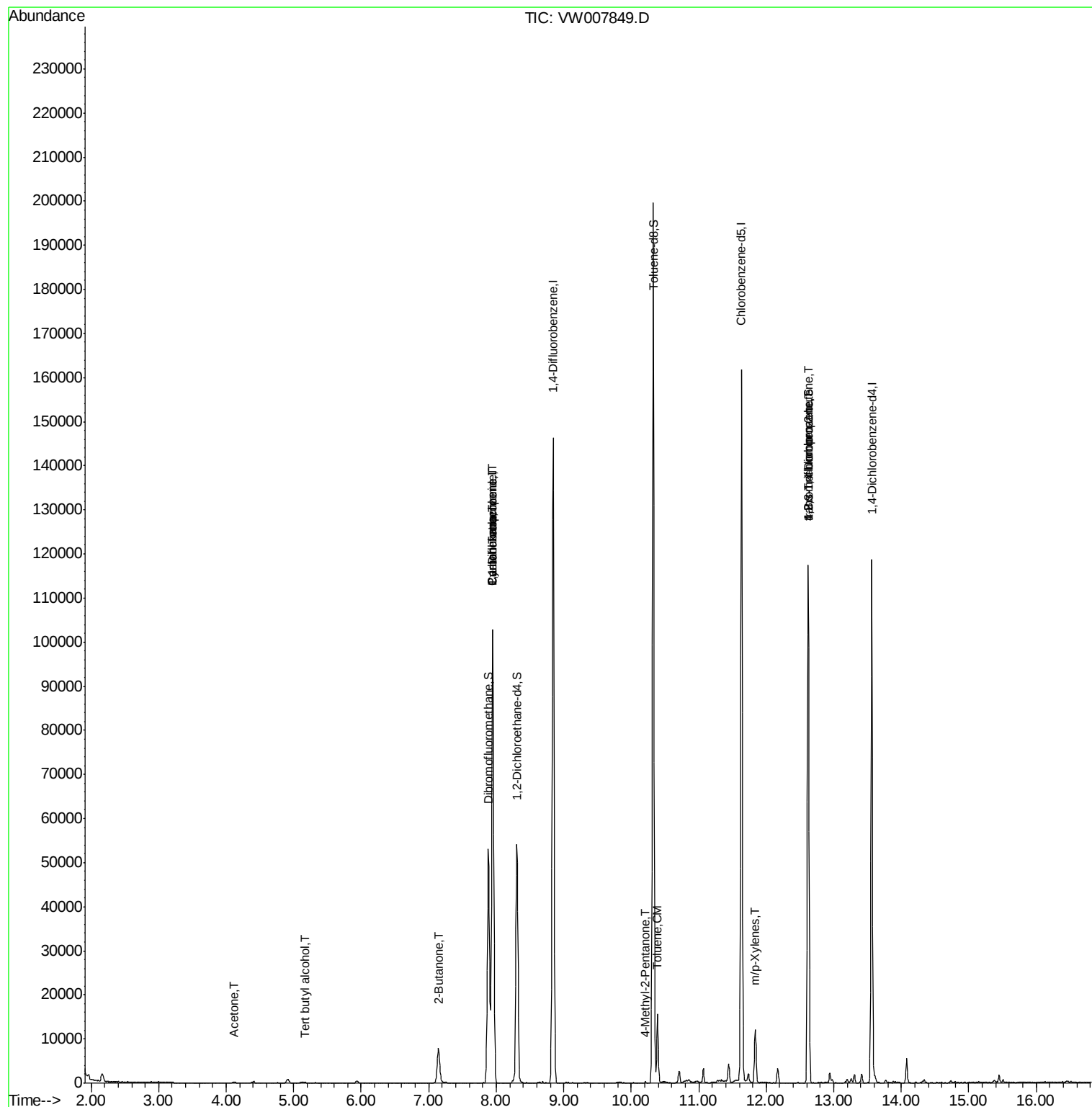
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	354	6.311	ug/l #	73
16) Acetone	4.12	43	541	3.475	ug/l #	79
20) Methylene Chloride	4.92	84	731	Below Cal	#	67
25) 2-Butanone	7.15	43	370	2.029	ug/l #	44
31) Cyclohexane	7.95	56	1554	1.255	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	5782	4.752	ug/l #	50
38) Carbon Tetrachloride	7.95	117	8054	5.620	ug/l #	17
51) 4-Methyl-2-Pentanone	10.21	43	414	1.041	ug/l	91
52) Toluene	10.39	92	6959	3.194	ug/l	99
68) m/p-Xylenes	11.83	106	3564	2.663	ug/l	96
76) 1,2,3-Trichloropropane	12.62	75	19763	82.020	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	19763	172.166	ug/l #	9

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
Data File : VW007849.D
Acq On : 22 Dec 2018 18:02
Operator : SY/AP
Sample : J6388-06RE
Misc : 5.86G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
P001-SS009-0006-01

Quant Time: Dec 23 23:55:58 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007849.D

Acq: 22 Dec 2018 18:02

Instrument :

MSVOA_W

ClientSampleId :

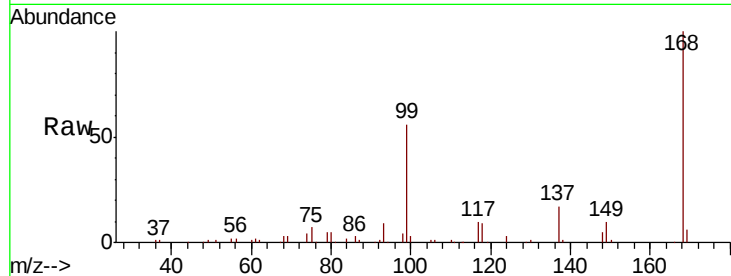
P001-SS009-0006-01

Tgt Ion:168 Resp: 75862

Ion Ratio Lower Upper

168 100

99 56.2 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

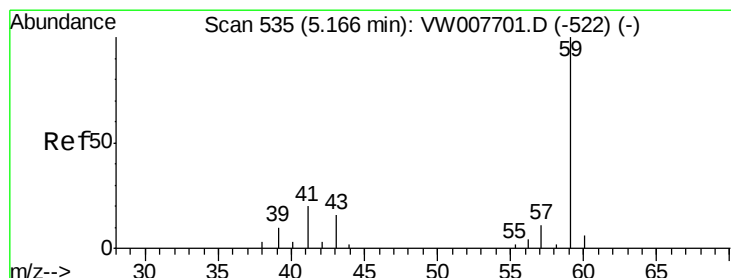
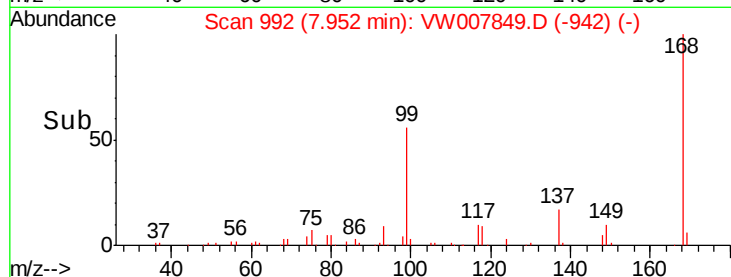
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#11

Tert butyl alcohol

Concen: 6.311 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.00 min

Lab File: VW007849.D

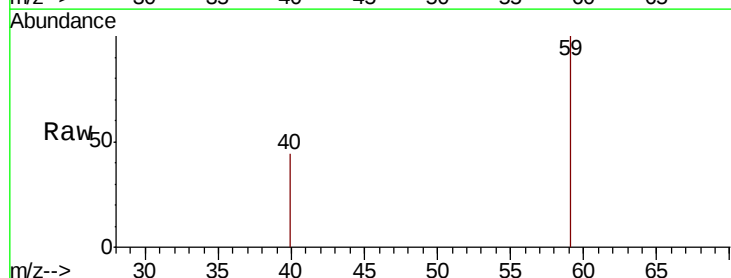
Acq: 22 Dec 2018 18:02

Tgt Ion: 59 Resp: 354

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

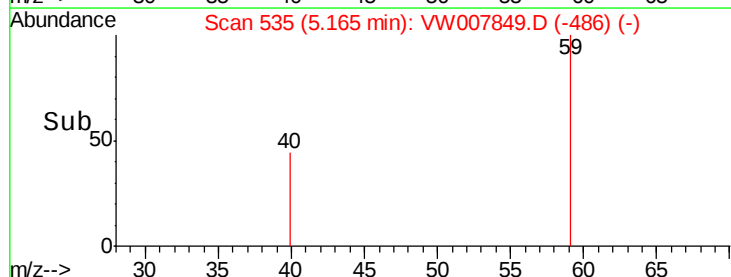
100

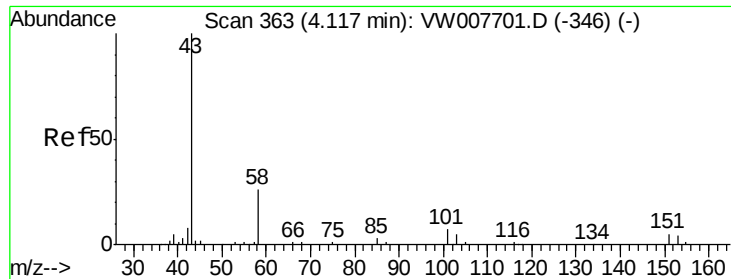
50

0

5.10 5.15 5.20

Time-->





#16

Acetone

Concen: 3.475 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007849.D

Acq: 22 Dec 2018 18:02

Instrument :

MSVOA_W

ClientSampleId :

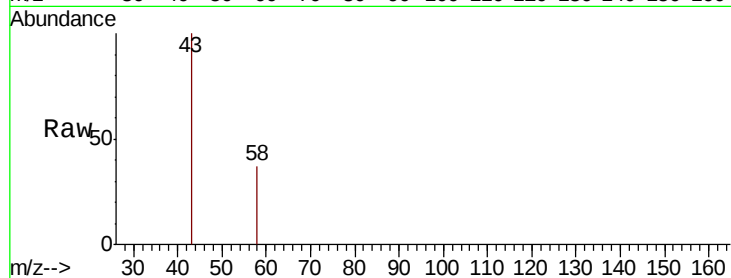
P001-SS009-0006-01

Tgt Ion: 43 Resp: 541

Ion Ratio Lower Upper

43 100

58 37.2 21.2 31.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

250

200

150

100

50

0

4.05

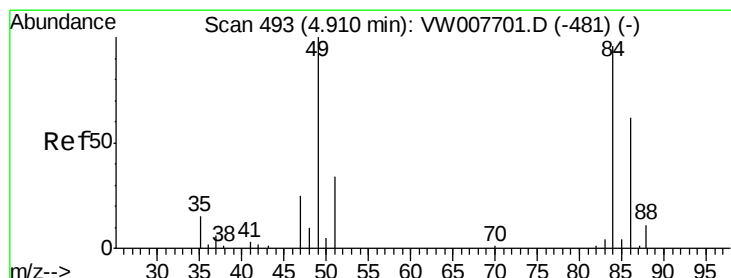
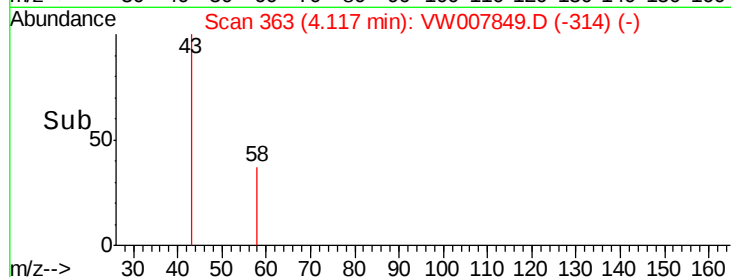
4.10

4.12

4.15

4.20

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW007849.D

Acq: 22 Dec 2018 18:02

Tgt Ion: 84 Resp: 731

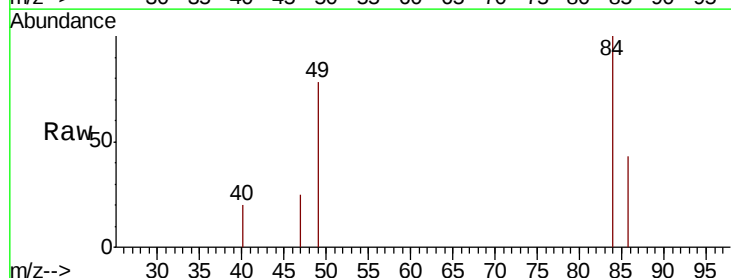
Ion Ratio Lower Upper

84 100

49 77.5 83.7 125.5#

51 0.0 28.2 42.2#

86 42.9 52.2 78.2#



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

500

400

300

200

100

0

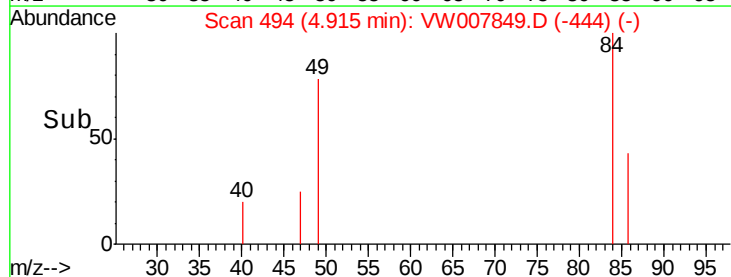
4.85

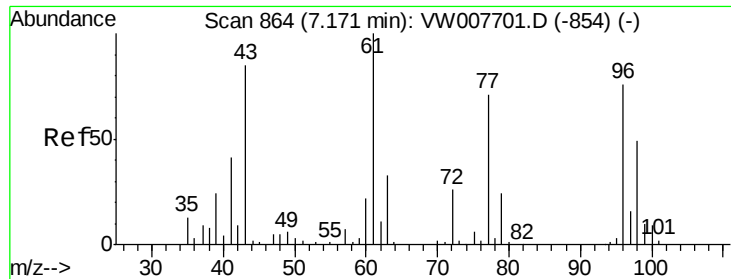
4.90

4.92

4.95

Time-->

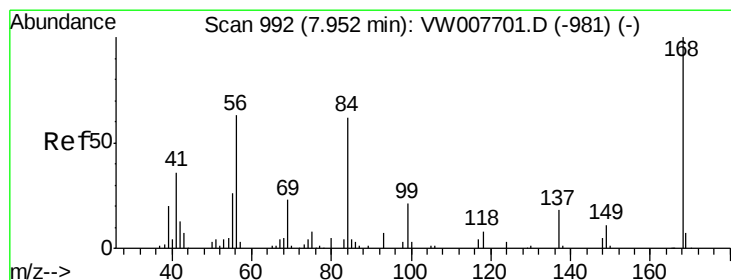
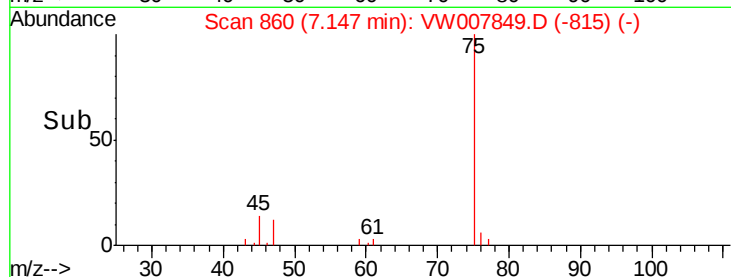
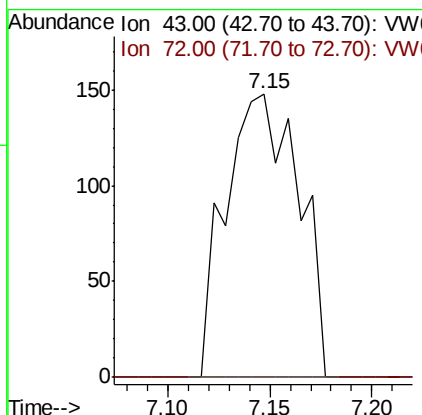
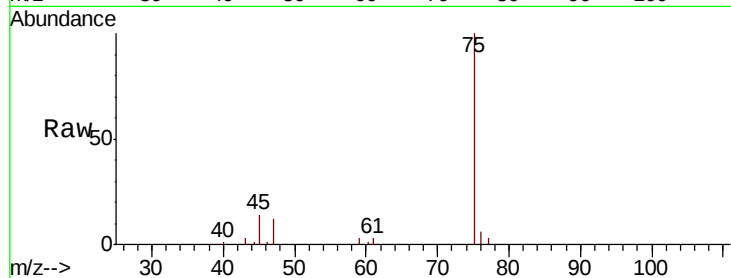




#25
2-Butanone
Concen: 2.029 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW007849.D
Acq: 22 Dec 2018 18:02

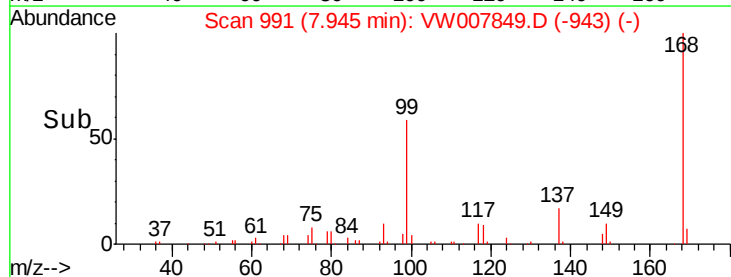
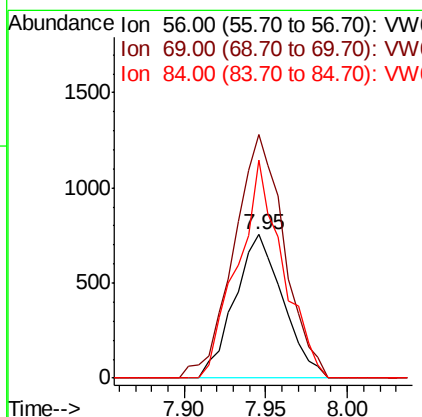
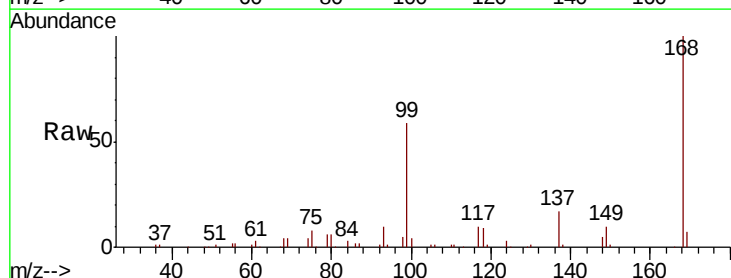
Instrument :
MSVOA_W
ClientSampleId :
P001-SS009-0006-01

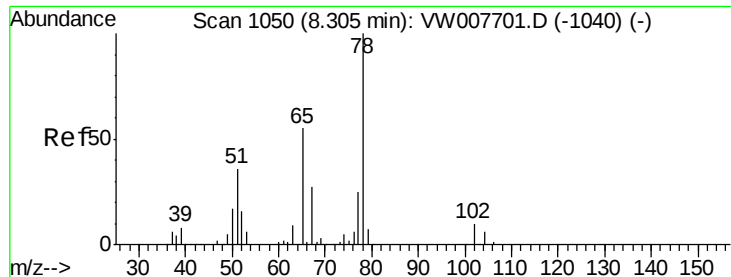
Tgt Ion: 43 Resp: 370
Ion Ratio Lower Upper
43 100
72 0.0 24.5 36.7#



#31
Cyclohexane
Concen: 1.255 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007849.D
Acq: 22 Dec 2018 18:02

Tgt Ion: 56 Resp: 1554
Ion Ratio Lower Upper
56 100
69 169.8 29.7 44.5#
84 151.6 78.9 118.3#





#33

1,2-Dichloroethane-d4

Concen: 53.447 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007849.D

Acq: 22 Dec 2018 18:02

Instrument :

MSVOA_W

ClientSampleId :

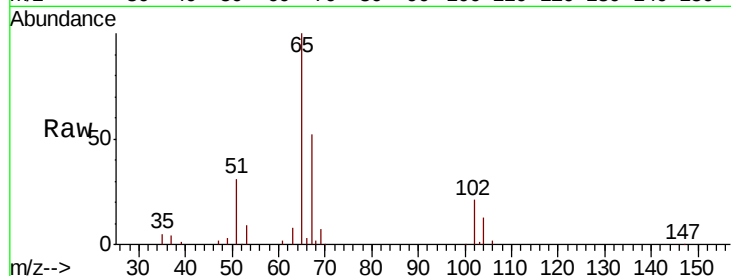
P001-SS009-0006-01

Tgt Ion: 65 Resp: 44440

Ion Ratio Lower Upper

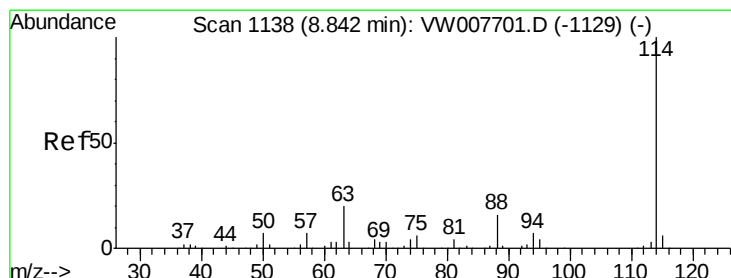
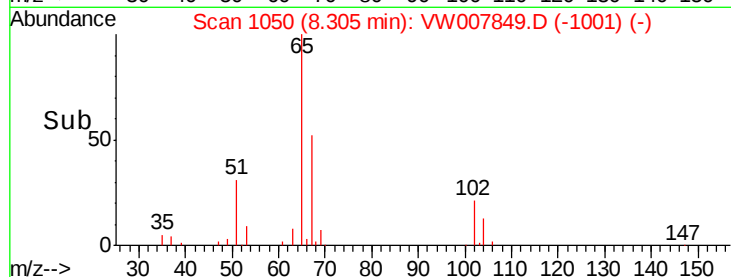
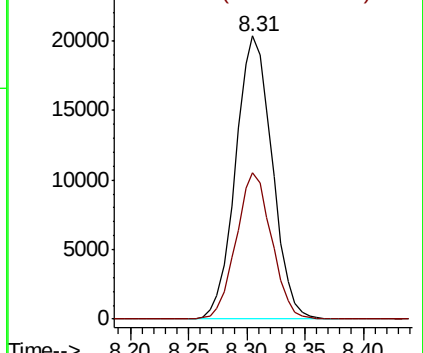
65 100

67 50.3 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW007849.D

Acq: 22 Dec 2018 18:02

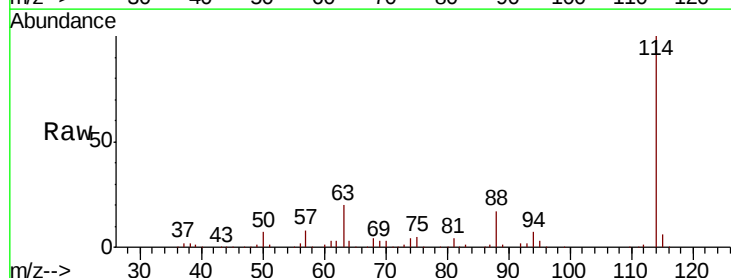
Tgt Ion: 114 Resp: 126073

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

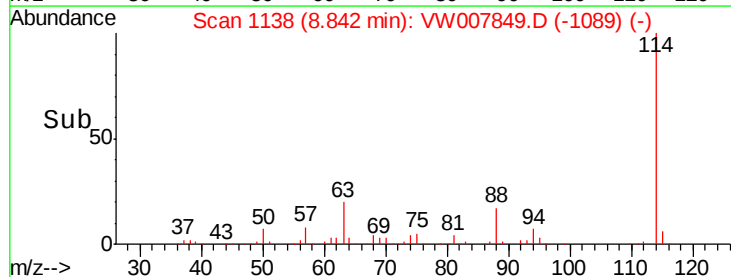
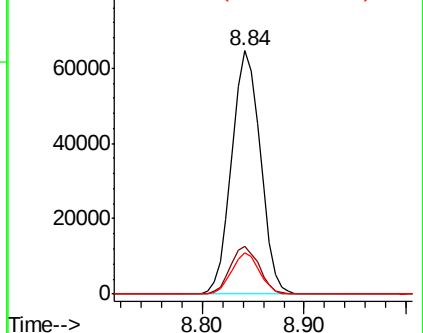
88 17.2 0.0 32.6

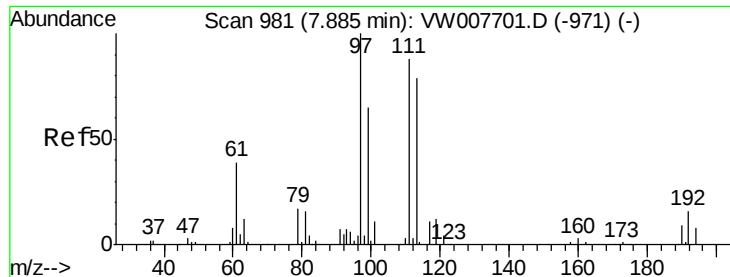


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 51.336 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007849.D

Acq: 22 Dec 2018 18:02

Instrument :

MSVOA_W

ClientSampleId :

P001-SS009-0006-01

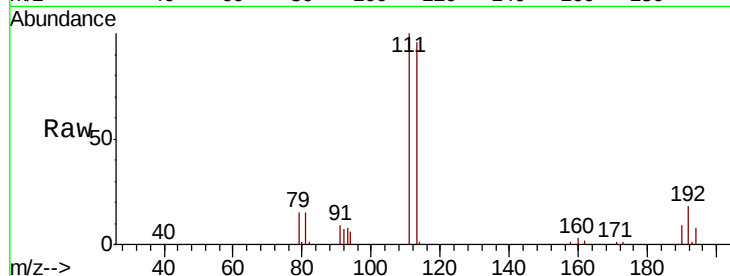
Tgt Ion:113 Resp: 39483

Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

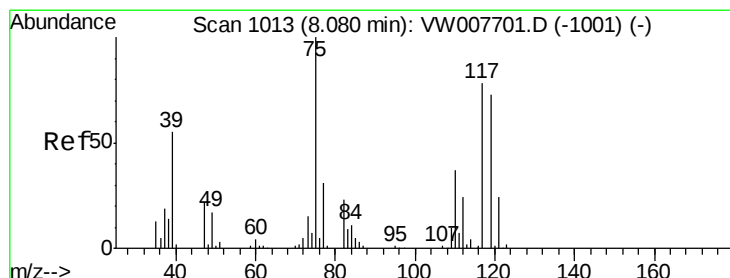
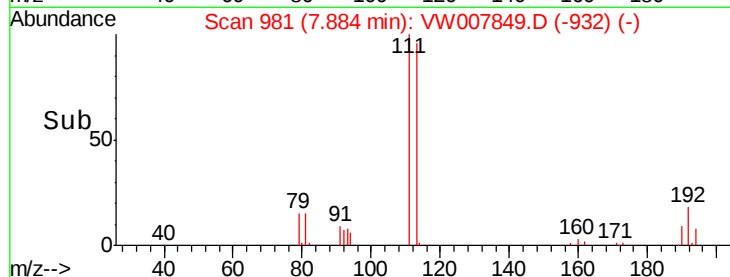
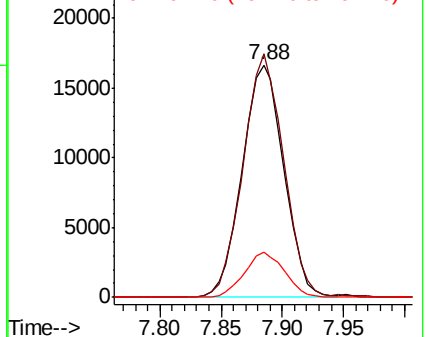
192 18.6 15.5 23.3



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: 4.752 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW007849.D

Acq: 22 Dec 2018 18:02

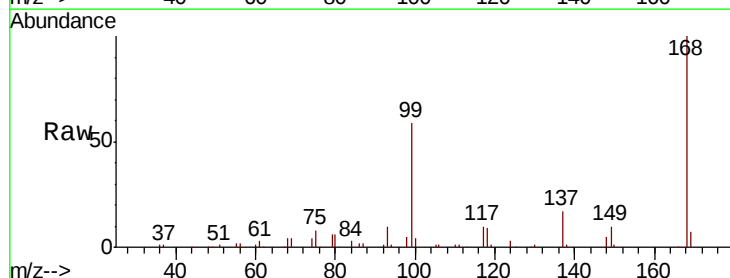
Tgt Ion: 75 Resp: 5782

Ion Ratio Lower Upper

75 100

110 10.2 18.6 55.8#

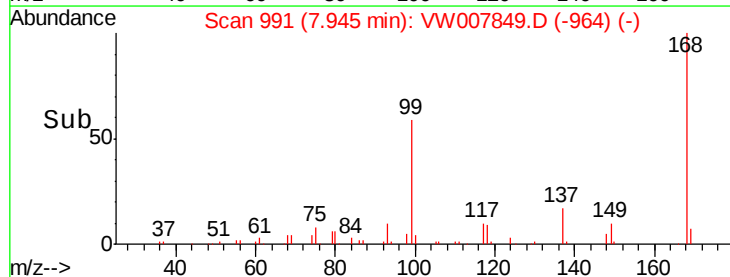
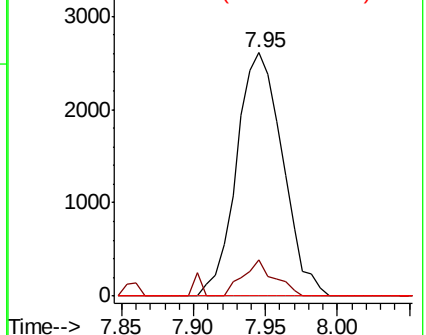
77 0.0 25.0 37.4#

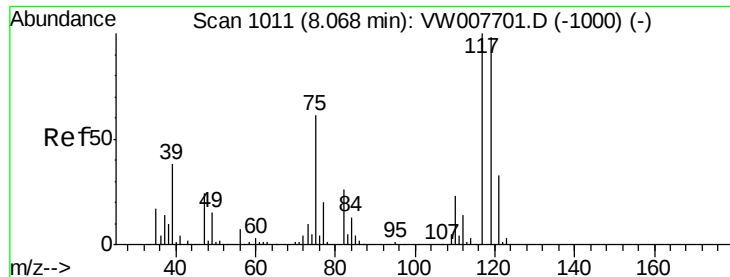


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

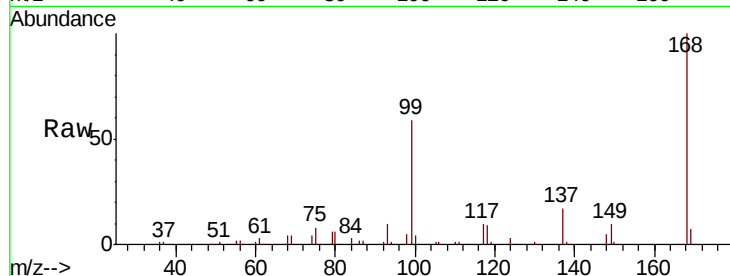




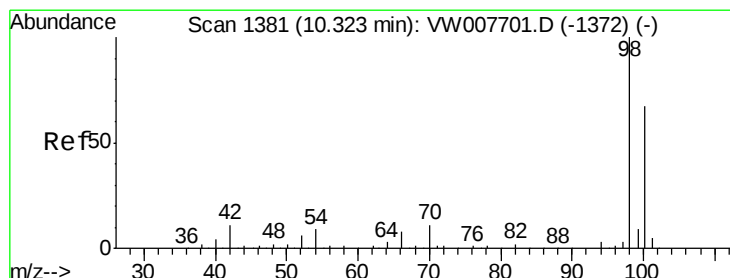
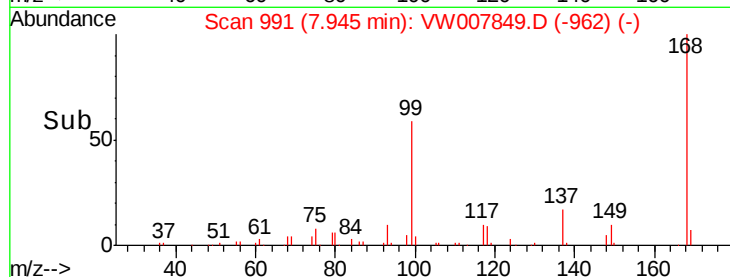
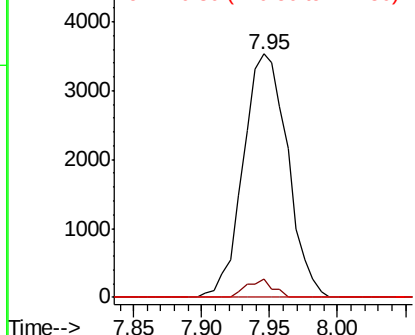
#38
Carbon Tetrachloride
Concen: 5.620 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007849.D
Acq: 22 Dec 2018 18:02

Instrument :
MSVOA_W
ClientSampleId :
P001-SS009-0006-01

Tgt Ion: 117 Resp: 8054
Ion Ratio Lower Upper
117 100
119 7.5 78.2 117.2#
121 0.0 26.1 39.1#

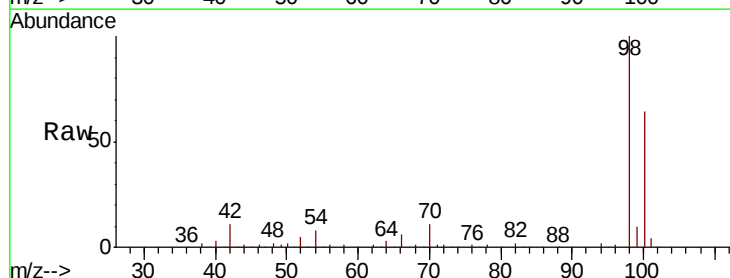


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

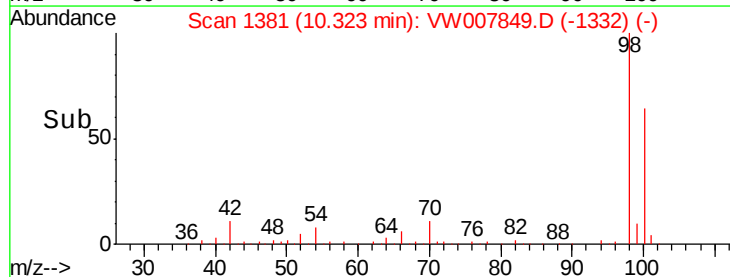
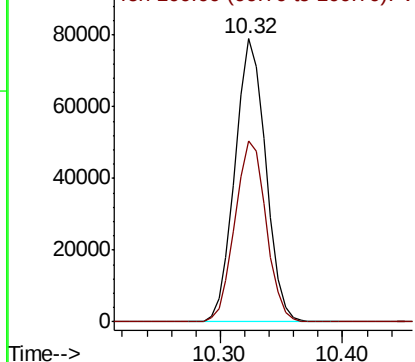


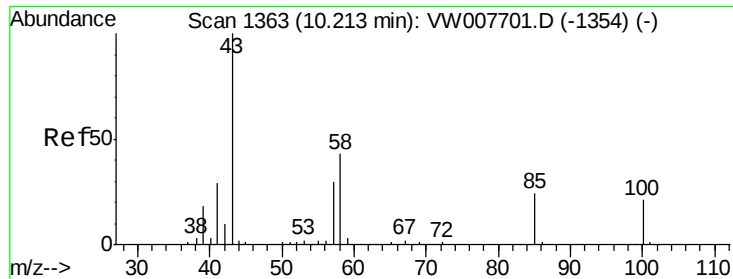
#50
Toluene-d8
Concen: 47.395 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007849.D
Acq: 22 Dec 2018 18:02

Tgt Ion: 98 Resp: 137418
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2



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

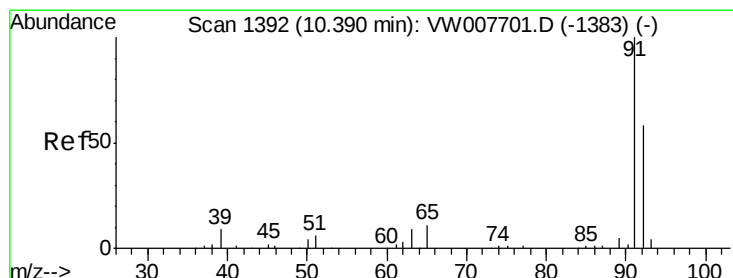
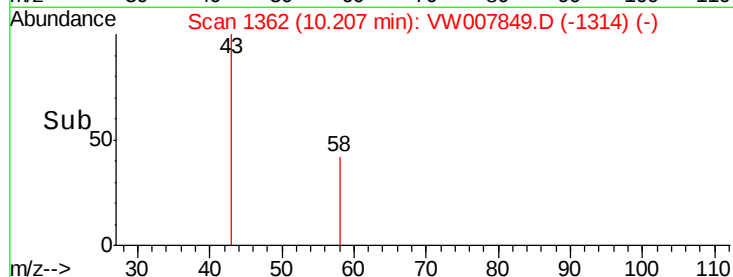
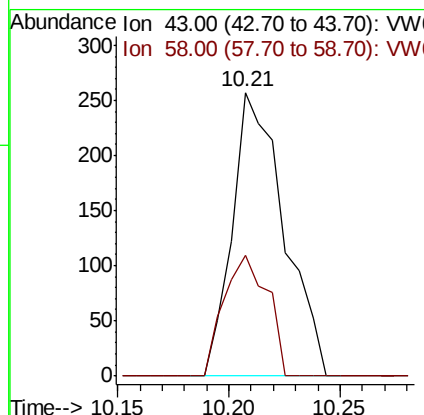
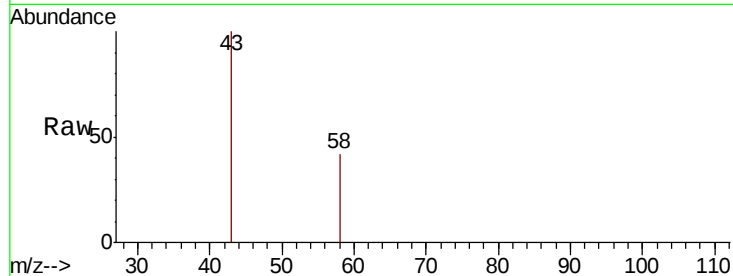




#51
4-Methyl-2-Pentanone
Concen: 1.041 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VW007849.D
Acq: 22 Dec 2018 18:02

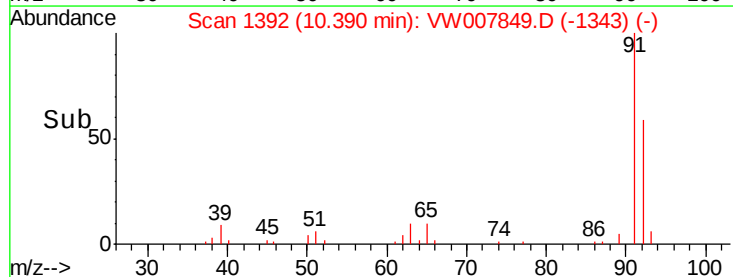
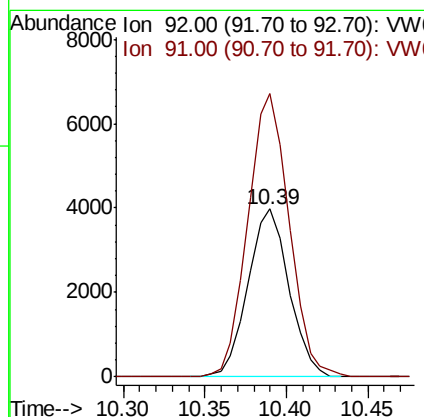
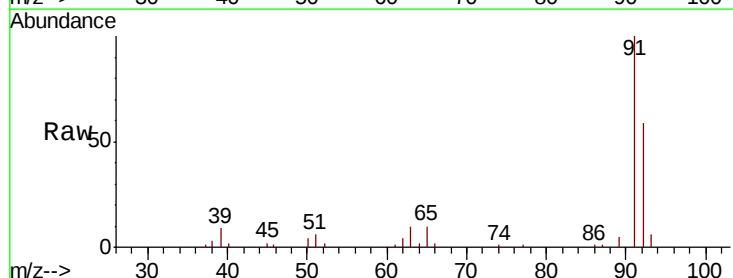
Instrument :
MSVOA_W
ClientSampleId :
P001-SS009-0006-01

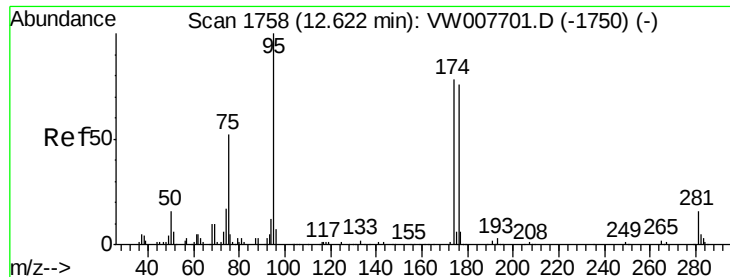
Tgt Ion: 43 Resp: 414
Ion Ratio Lower Upper
43 100
58 36.0 33.2 49.8



#52
Toluene
Concen: 3.194 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007849.D
Acq: 22 Dec 2018 18:02

Tgt Ion: 92 Resp: 6959
Ion Ratio Lower Upper
92 100
91 169.4 137.0 205.4





#62

4-Bromofluorobenzene

Concen: 34.792 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007849.D

Acq: 22 Dec 2018 18:02

Instrument :

MSVOA_W

ClientSampleId :

P001-SS009-0006-01

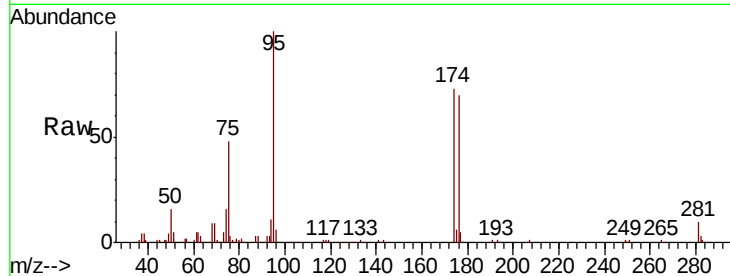
Tgt Ion: 95 Resp: 38971

Ion Ratio Lower Upper

95 100

174 76.1 0.0 152.2

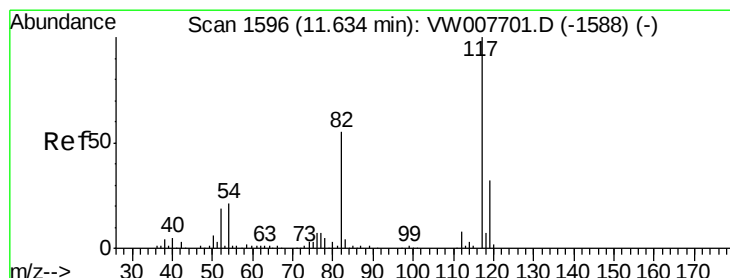
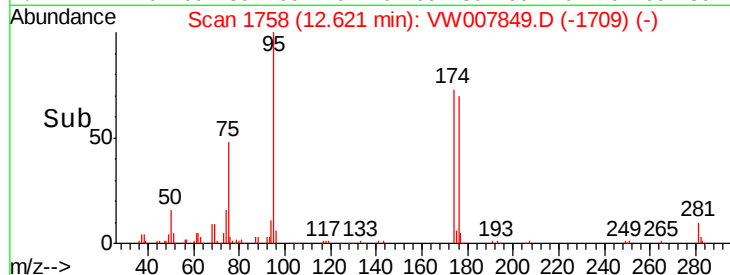
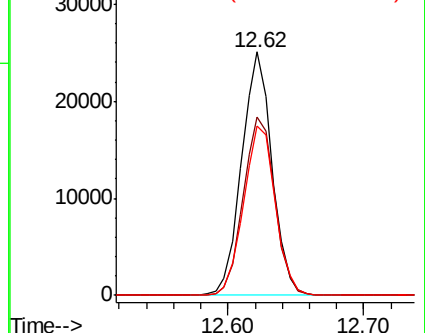
176 72.8 0.0 146.8



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: VW007849.D

Acq: 22 Dec 2018 18:02

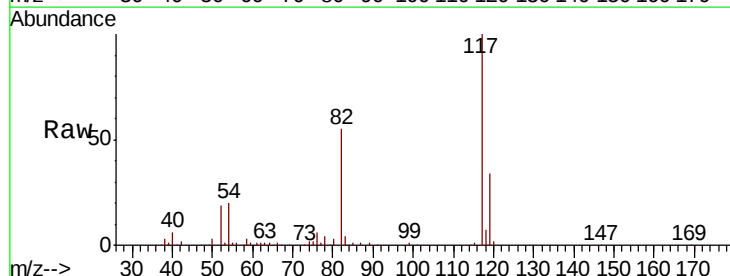
Tgt Ion: 117 Resp: 92880

Ion Ratio Lower Upper

117 100

82 54.5 44.3 66.5

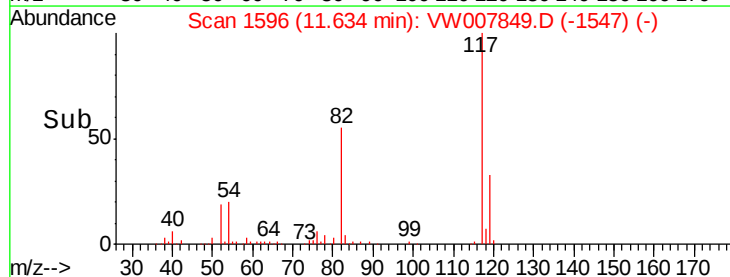
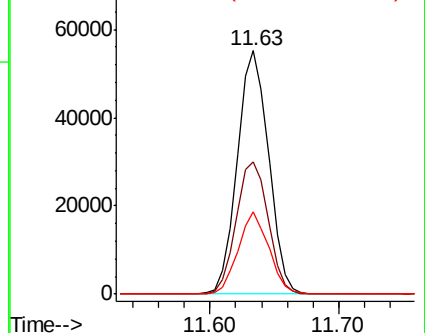
119 33.6 25.7 38.5

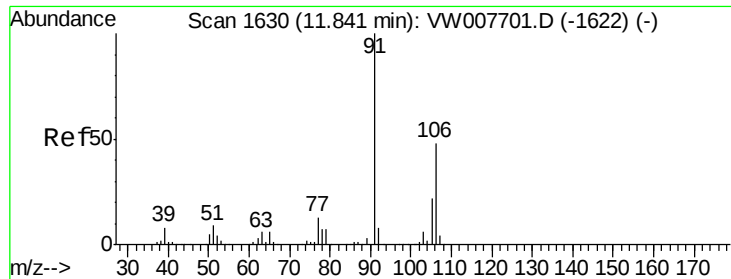


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

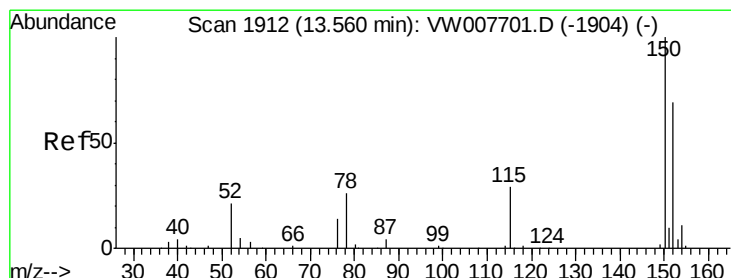
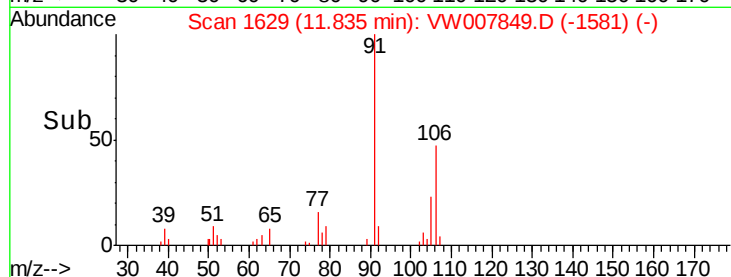
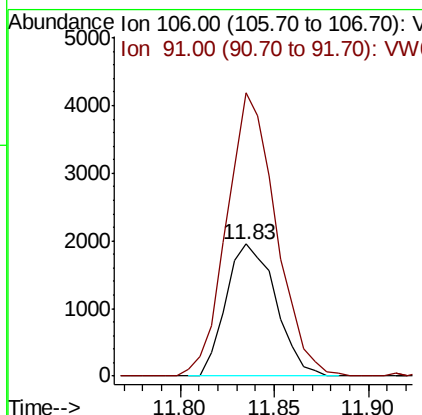
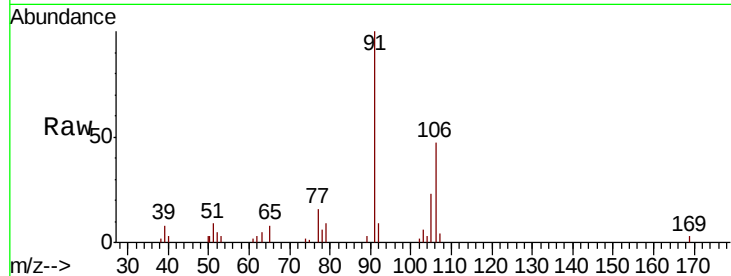




#68
m/p-Xylenes
Concen: 2.663 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007849.D
Acq: 22 Dec 2018 18:02

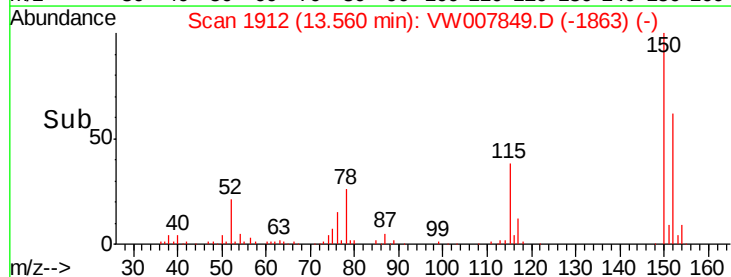
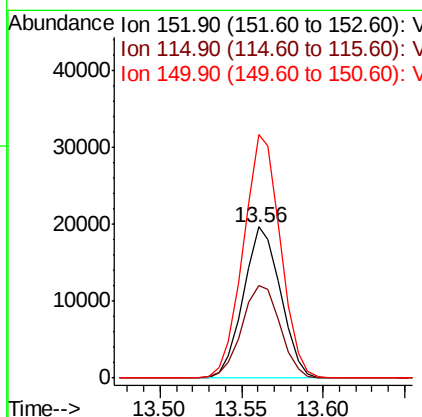
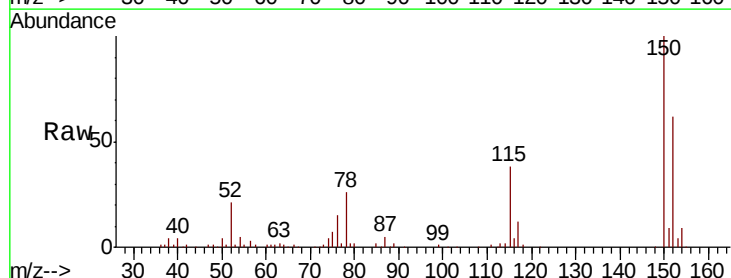
Instrument :
MSVOA_W
ClientSampleId :
P001-SS009-0006-01

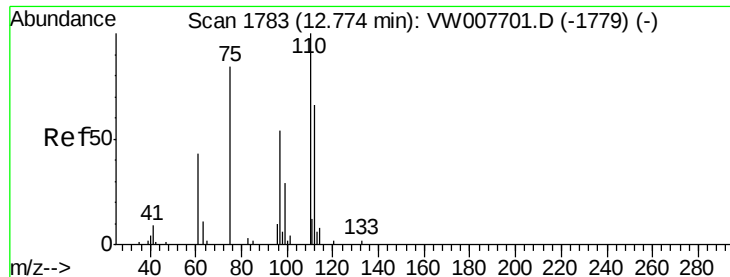
Tgt Ion:106 Resp: 3564
Ion Ratio Lower Upper
106 100
91 212.5 165.2 247.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007849.D
Acq: 22 Dec 2018 18:02

Tgt Ion:152 Resp: 31175
Ion Ratio Lower Upper
152 100
115 63.3 31.8 95.4
150 160.8 0.0 350.8





#76

1,2,3-Trichloropropane

Concen: 82.020 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007849.D

Acq: 22 Dec 2018 18:02

Instrument :

MSVOA_W

ClientSampleId :

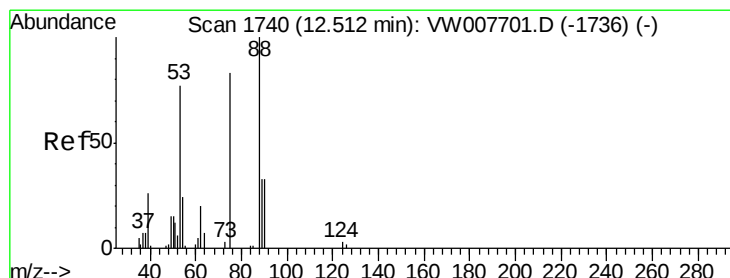
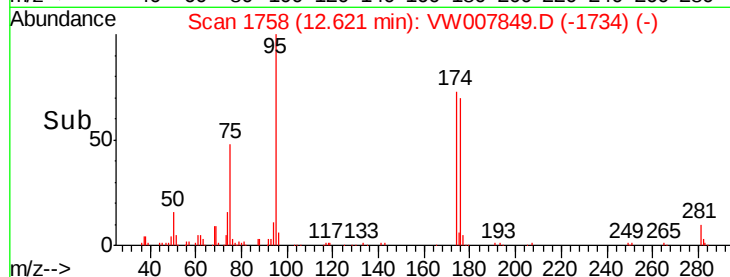
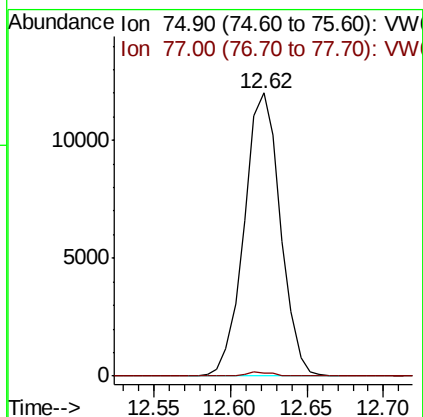
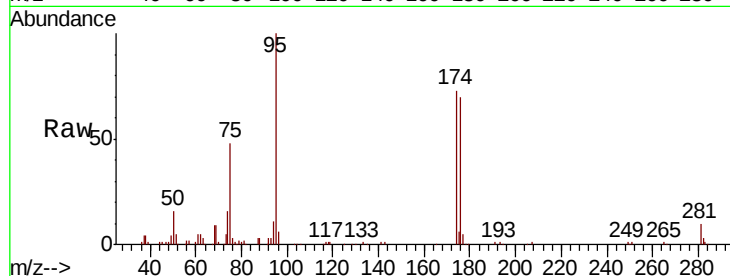
P001-SS009-0006-01

Tgt Ion: 75 Resp: 19763

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 172.166 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW007849.D

Acq: 22 Dec 2018 18:02

Tgt Ion: 75 Resp: 19763

Ion Ratio Lower Upper

75 100

53 0.0 80.2 120.2#

89 0.0 39.2 58.8#

