

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110718\
 Data File : VW0066733.D
 Acq On : 07 Nov 2018 13:46
 Operator : SY/AP
 Sample : VW1107WSBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 07 15:49:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	294405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	423055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	383094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	196449	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	123852	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	
35) Dibromofluoromethane	7.88	113	132924	50.07	ug/l	0.00
Spiked Amount			Recovery	=	100.14%	
50) Toluene-d8	10.33	98	492275	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	
62) 4-Bromofluorobenzene	12.62	95	165103	45.06	ug/l	0.00
Spiked Amount			Recovery	=	90.12%	

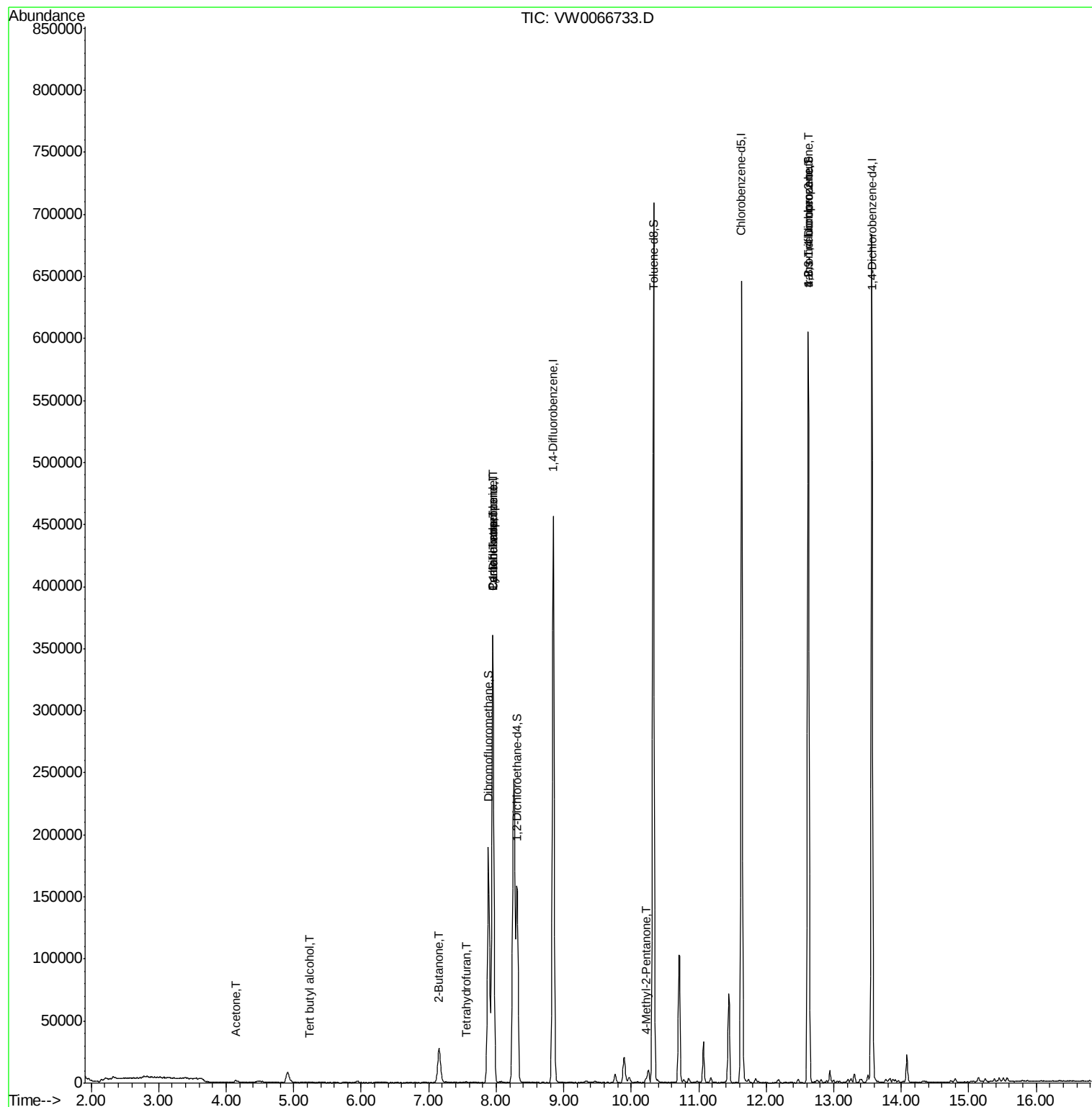
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.24	59	472	3.462	ug/l #	84
16) Acetone	4.15	43	3185	7.795	ug/l	96
20) Methylene Chloride	4.91	84	7331	Below Cal	#	84
25) 2-Butanone	7.15	43	2168	3.719	ug/l #	46
29) Tetrahydrofuran	7.55	42	451	1.230	ug/l #	70
31) Cyclohexane	7.95	56	5316	1.319	ug/l #	38
36) 1,1-Dichloropropene	7.95	75	18473	4.965	ug/l #	48
38) Carbon Tetrachloride	7.95	117	25052	6.444	ug/l #	17
51) 4-Methyl-2-Pentanone	10.21	43	2112	1.598	ug/l	100
76) 1,2,3-Trichloropropane	12.62	75	79562	51.908	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	79562	129.934	ug/l #	11

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110718\
Data File : VW0066733.D
Acq On : 07 Nov 2018 13:46
Operator : SY/AP
Sample : VW1107WSBL01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Nov 07 15:49:57 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 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: VW0066733.D

Acq: 07 Nov 2018 13:46

Instrument :

MSVOA_W

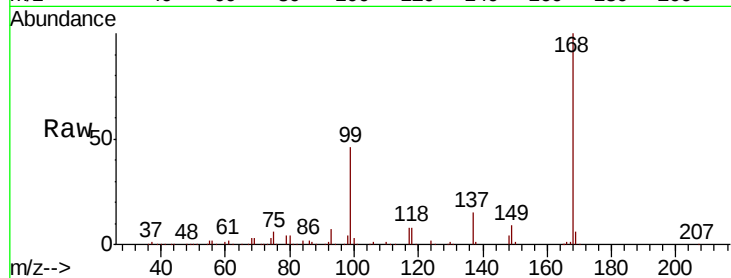
ClientSampled :

Tot Ion:168 Resp: 294405

Ion Ratio Lower Upper

168 100

99 46.2 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

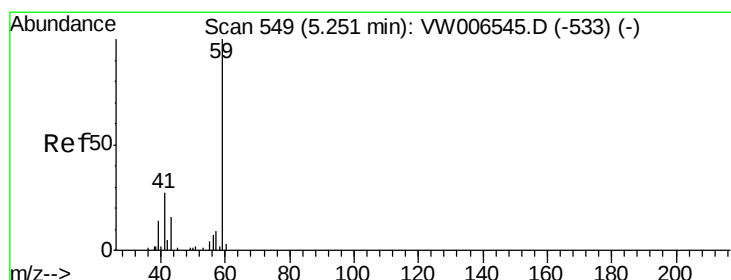
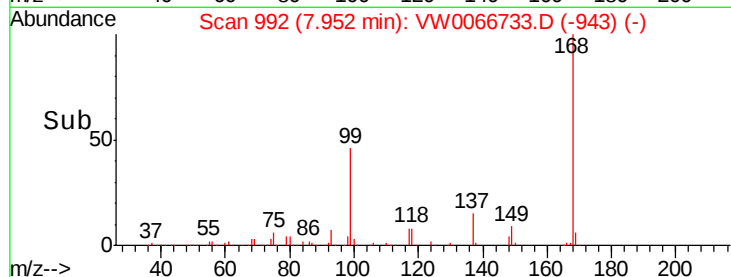
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.462 ug/l

RT: 5.24 min Scan# 548

Delta R.T. -0.01 min

Lab File: VW0066733.D

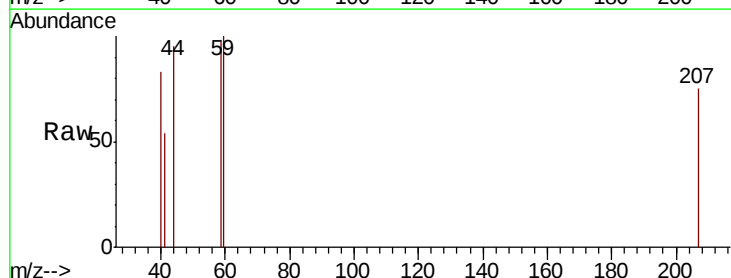
Acq: 07 Nov 2018 13:46

Tgt Ion: 59 Resp: 472

Ion Ratio Lower Upper

59 100

57 0.0 4.3 6.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.24

300

250

200

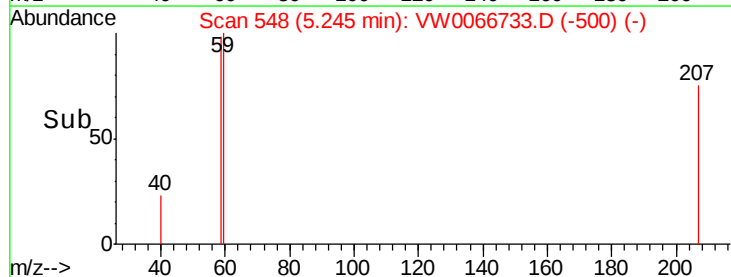
150

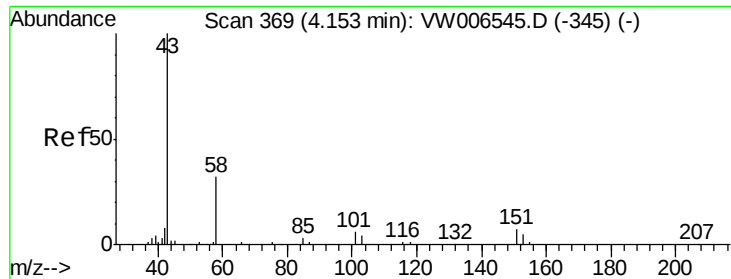
100

50

0

Time-->





#16

Acetone

Concen: 7.795 ug/l

RT: 4.15 min Scan# 368

Delta R.T. -0.01 min

Lab File: VW0066733.D

Acq: 07 Nov 2018 13:46

Instrument :

MSVOA_W

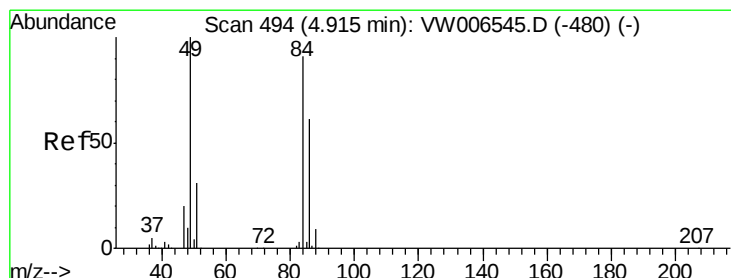
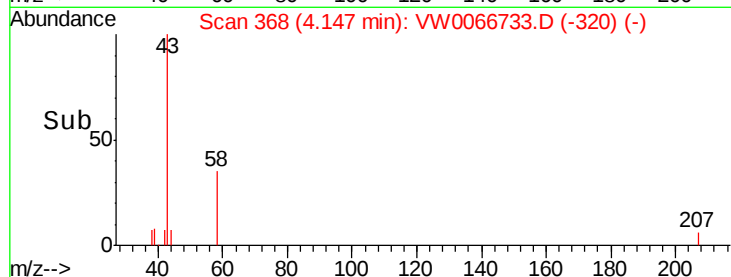
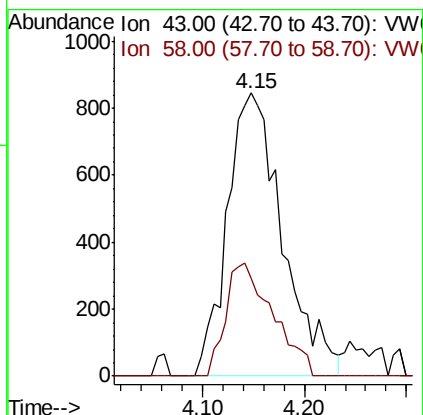
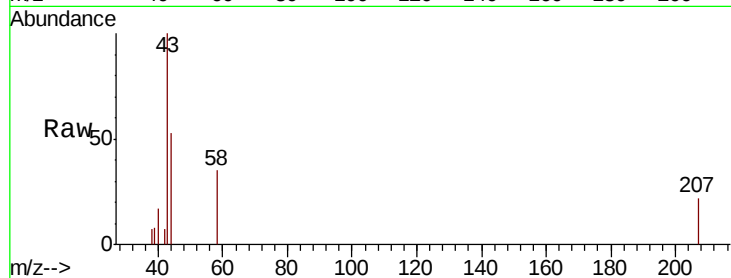
ClientSampled :

Tot Ion: 43 Resp: 3185

Ion Ratio Lower Upper

43 100

58 34.8 25.8 38.8



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW0066733.D

Acq: 07 Nov 2018 13:46

Tgt Ion: 84 Resp: 7331

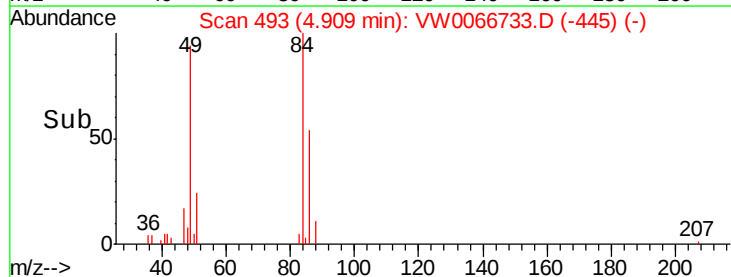
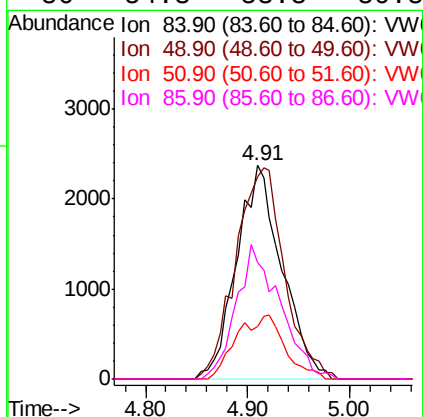
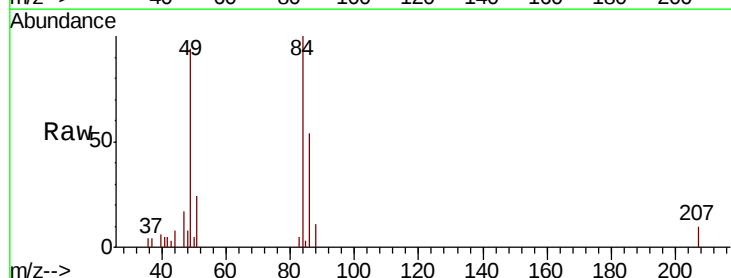
Ion Ratio Lower Upper

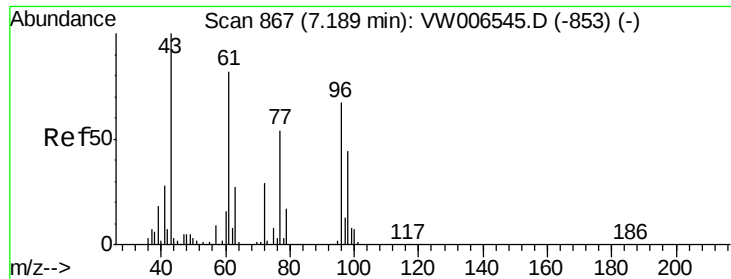
84 100

49 94.5 88.2 132.4

51 24.3 27.0 40.6#

86 54.3 53.8 80.8





#25

2-Butanone

Concen: 3.719 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.04 min

Lab File: VW0066733.D

Acq: 07 Nov 2018 13:46

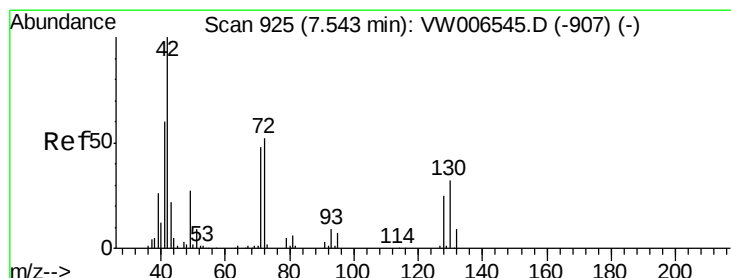
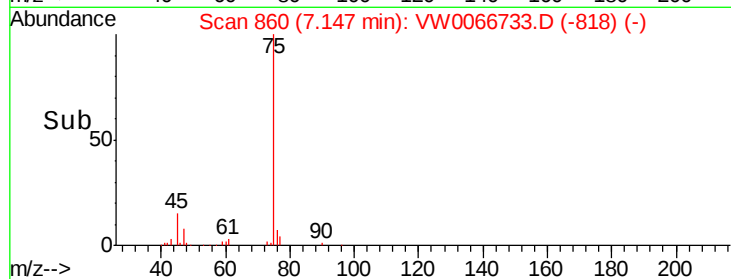
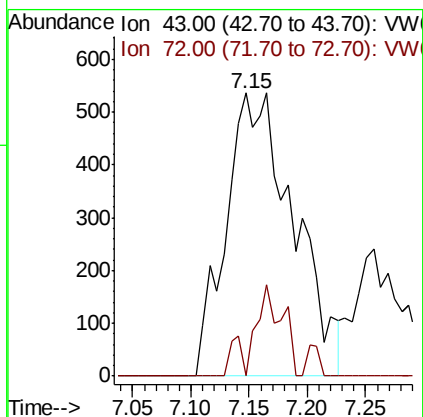
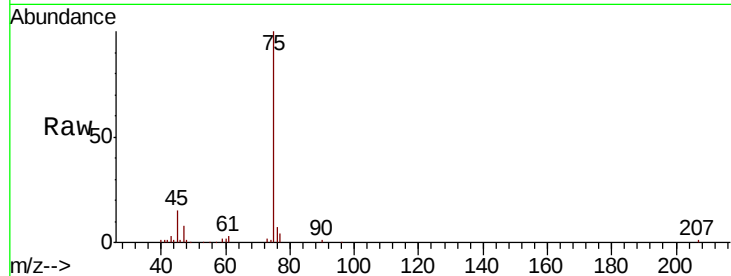
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 2168

Ion Ratio Lower Upper

43 100

72 0.0 23.2 34.8#



#29

Tetrahydrofuran

Concen: 1.230 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.01 min

Lab File: VW0066733.D

Acq: 07 Nov 2018 13:46

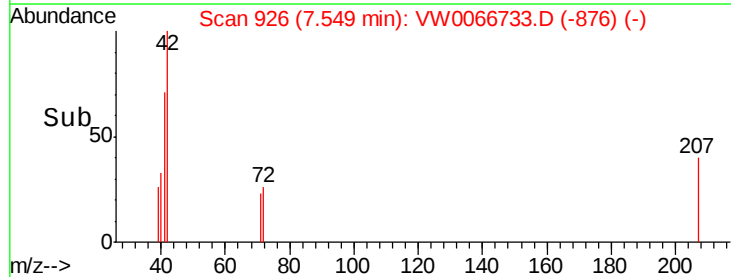
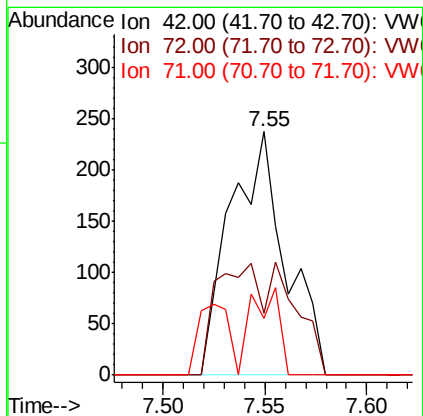
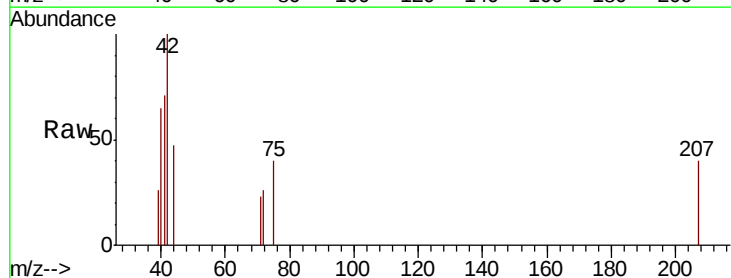
Tgt Ion: 42 Resp: 451

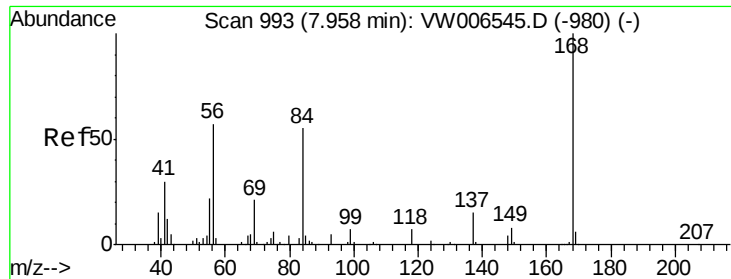
Ion Ratio Lower Upper

42 100

72 37.0 39.2 58.8#

71 17.7 37.6 56.4#

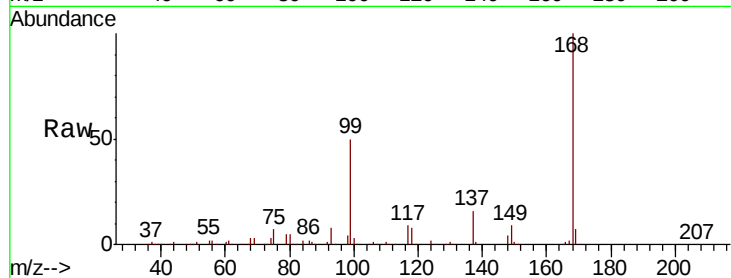




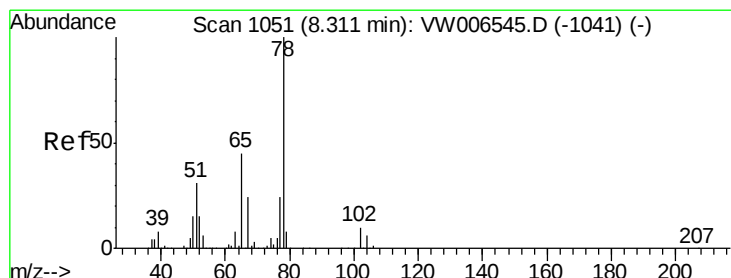
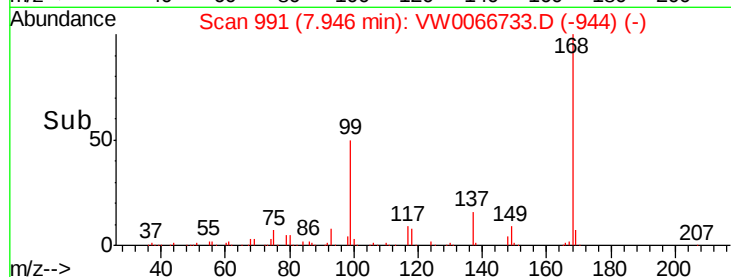
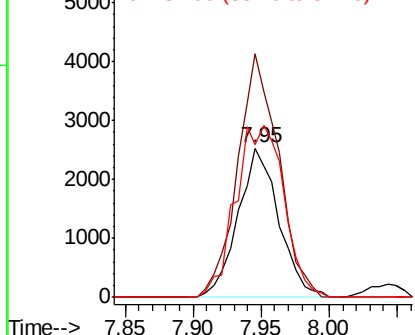
#31
Cyclohexane
Concen: 1.319 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW0066733.D
Acq: 07 Nov 2018 13:46

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 5316
Ion Ratio Lower Upper
56 100
69 163.1 29.0 43.4#
84 102.6 77.8 116.6

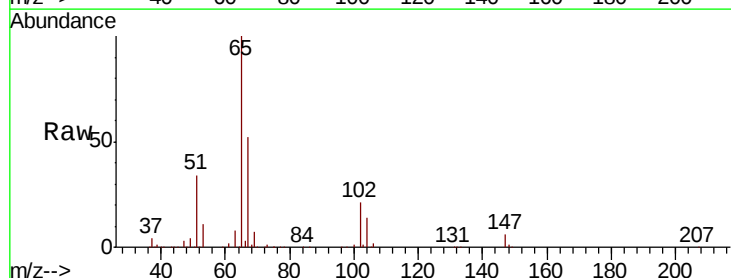


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

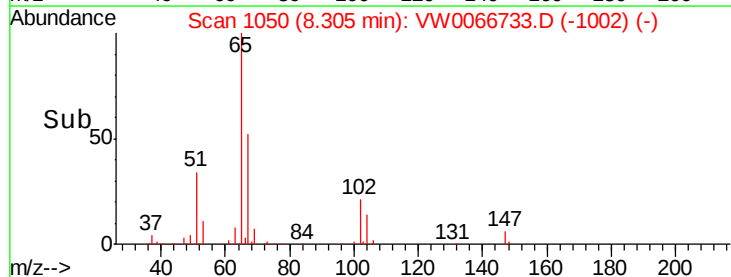
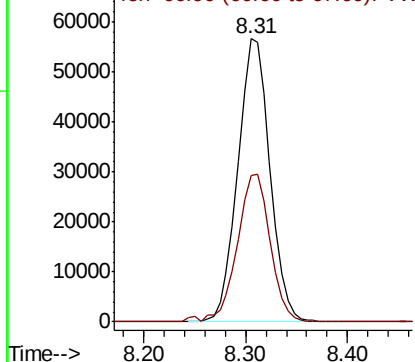


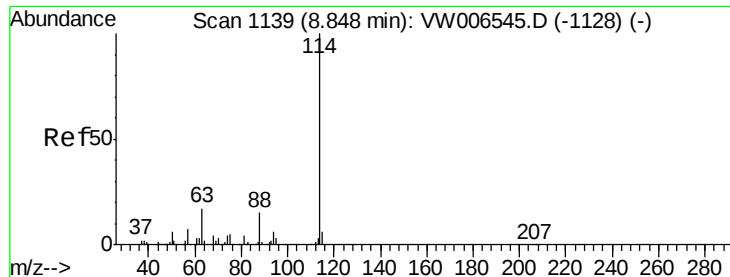
#33
1,2-Dichloroethane-d4
Concen: 48.940 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW0066733.D
Acq: 07 Nov 2018 13:46

Tgt Ion: 65 Resp: 123852
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

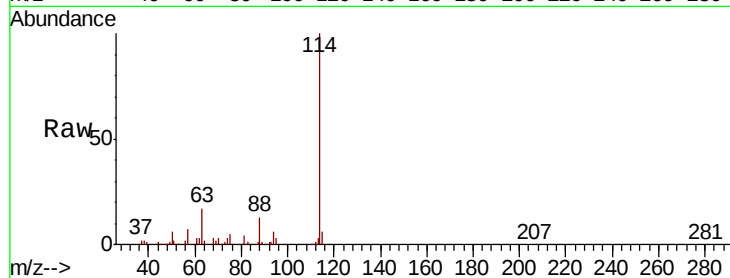




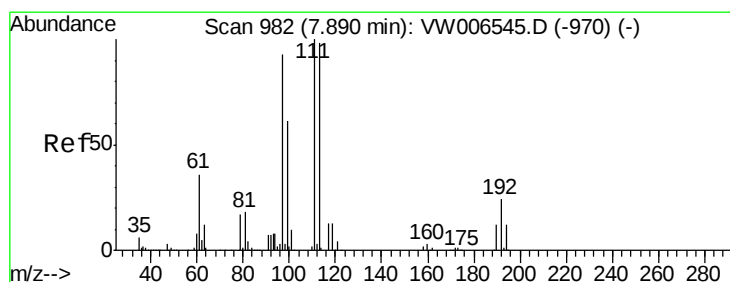
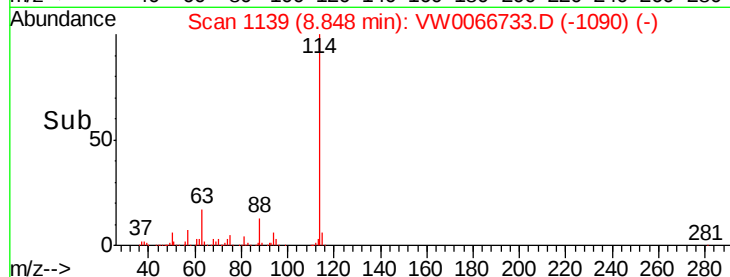
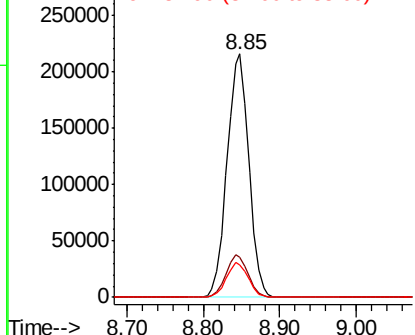
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW0066733.D
 Acq: 07 Nov 2018 13:46

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	34.4
88	13.4	0.0	29.0

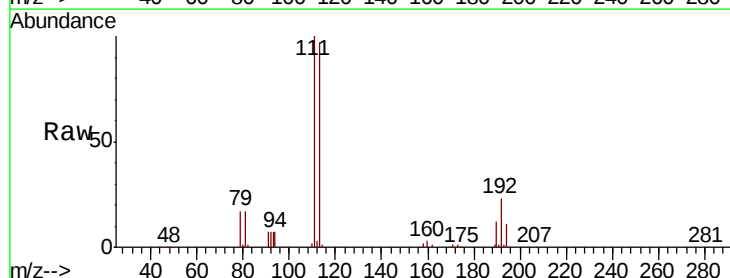


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

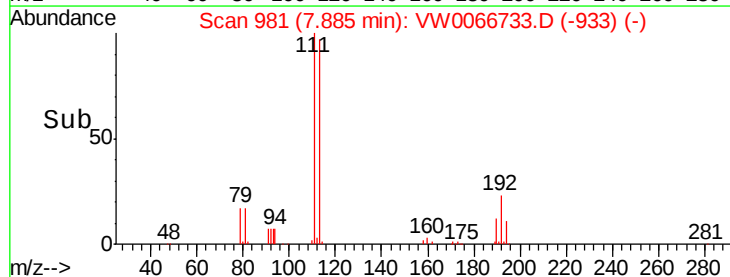
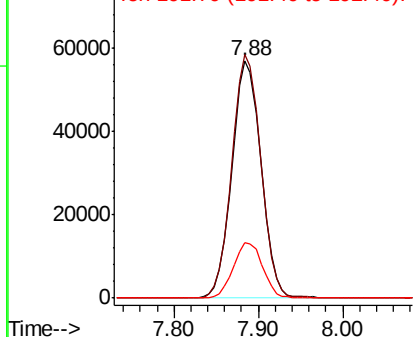


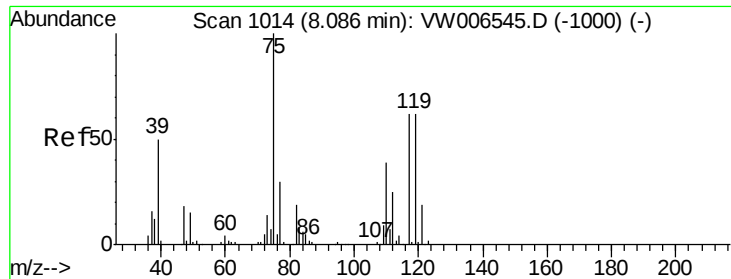
#35
 Dibromofluoromethane
 Concen: 50.065 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW0066733.D
 Acq: 07 Nov 2018 13:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.2
192	23.5	19.0	28.6



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

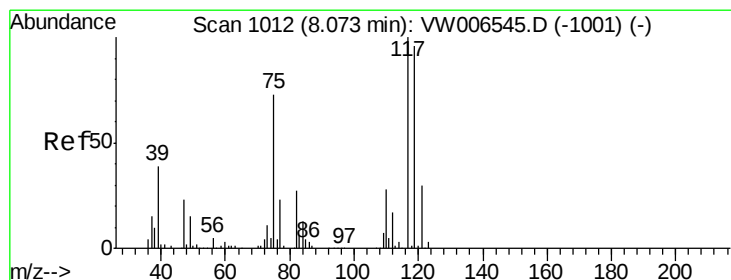
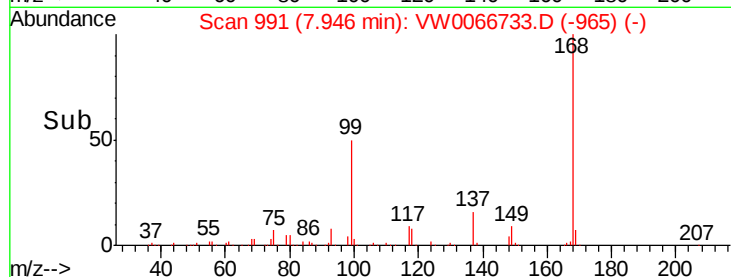
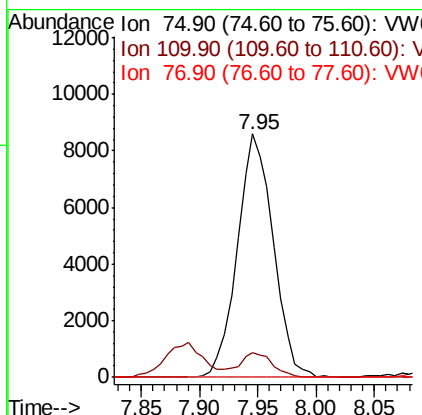
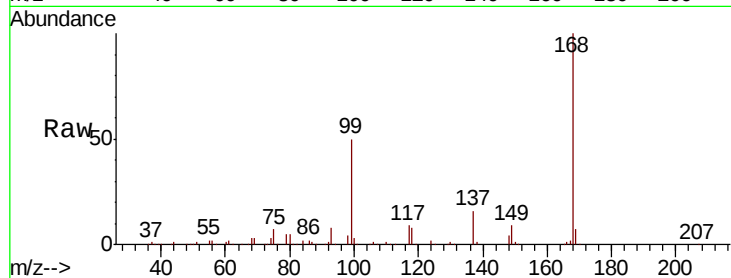




#36
 1,1-Dichloropropene
 Concen: 4.965 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW0066733.D
 Acq: 07 Nov 2018 13:46

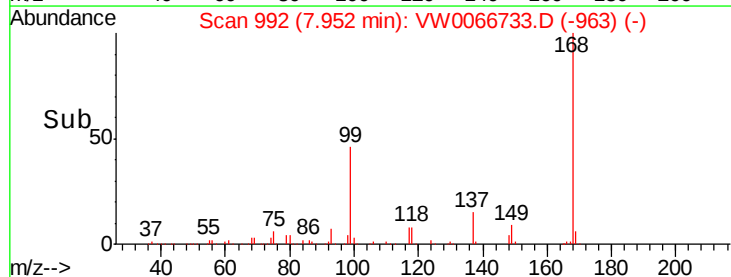
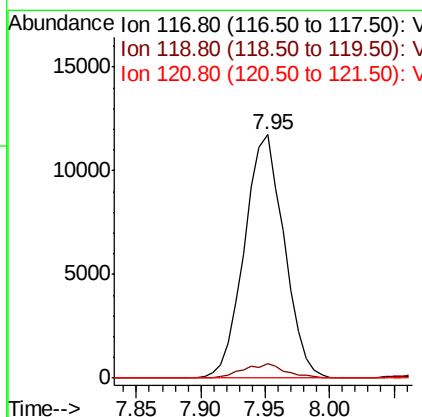
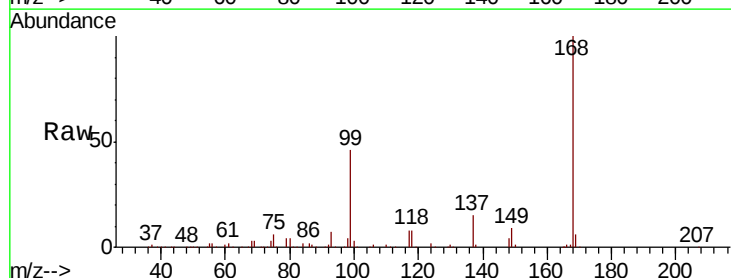
Instrument :
 MSVOA_W
 ClientSampleId :

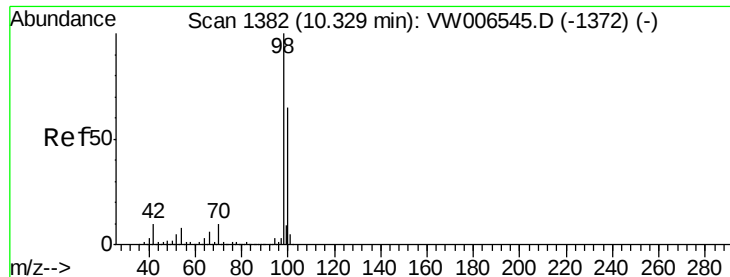
Tot Ion	75	Resp	18473
Ion Ratio	Lower	Upper	
75	100		
110	9.3	19.5	58.5#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.444 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW0066733.D
 Acq: 07 Nov 2018 13:46

Tgt Ion	117	Resp	25052
Ion Ratio	Lower	Upper	
117	100		
119	5.7	76.3	114.5#
121	0.0	24.1	36.1#





#50

Toluene-d8

Concen: 48.706 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW0066733.D

Acq: 07 Nov 2018 13:46

Instrument :

MSVOA_W

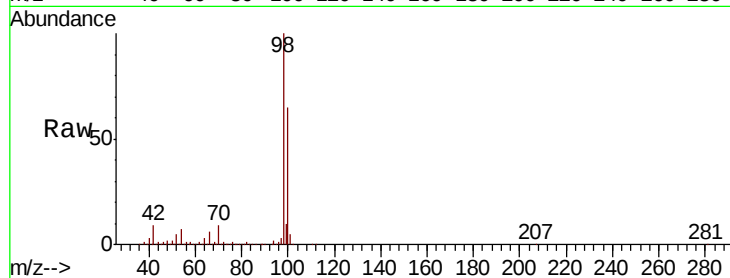
ClientSampled :

Tot Ion: 98 Resp: 492275

Ion Ratio Lower Upper

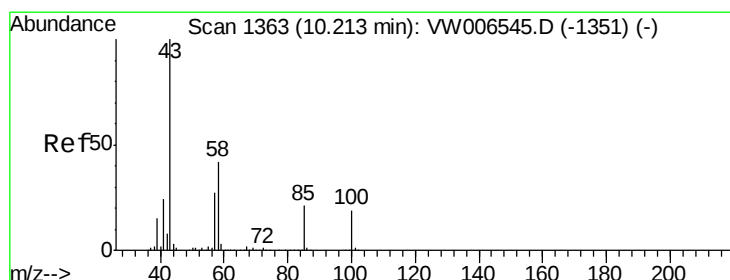
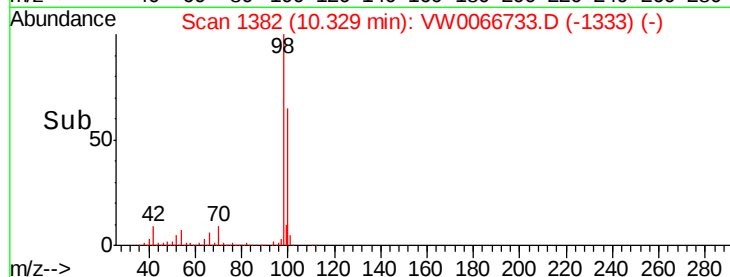
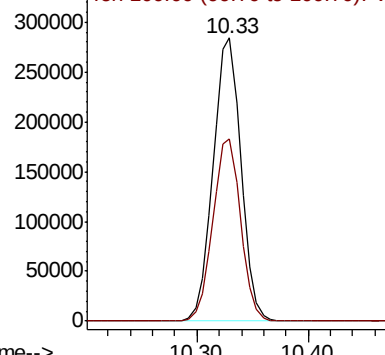
98 100

100 64.5 51.6 77.4



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: 1.598 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW0066733.D

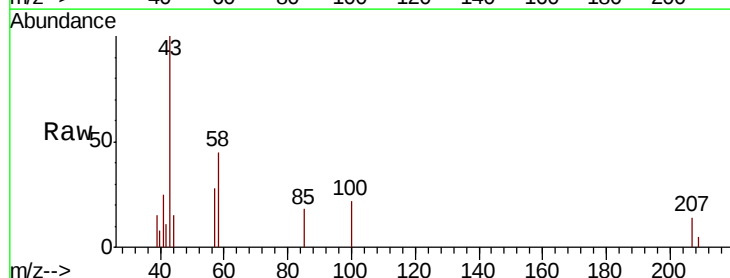
Acq: 07 Nov 2018 13:46

Tgt Ion: 43 Resp: 2112

Ion Ratio Lower Upper

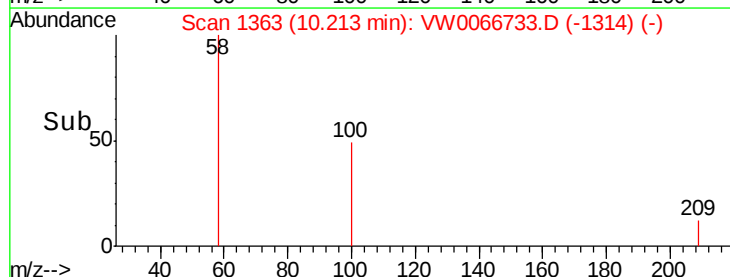
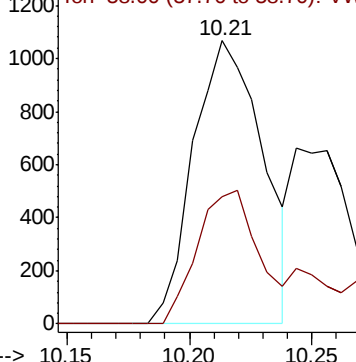
43 100

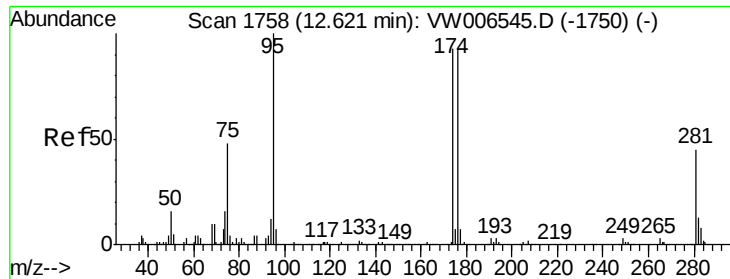
58 41.8 33.4 50.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

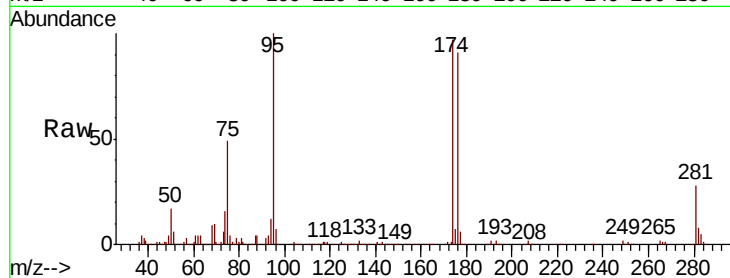




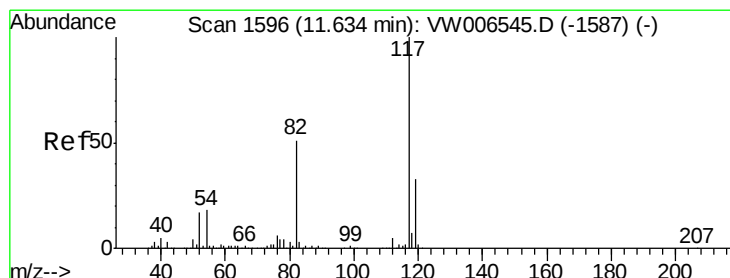
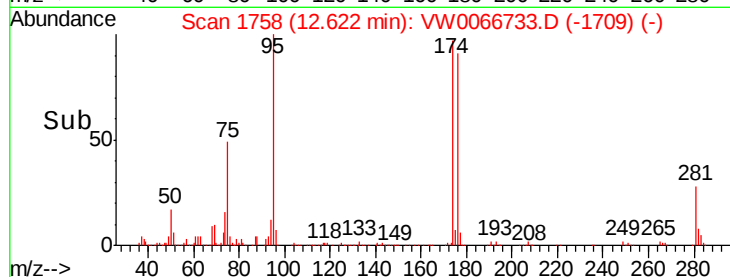
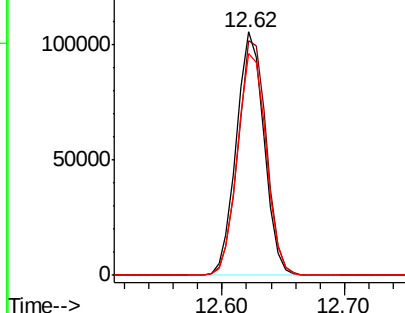
#62
4-Bromofluorobenzene
Concen: 45.058 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW0066733.D
Acq: 07 Nov 2018 13:46

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
95	100		
174	99.0	0.0	192.4
176	94.6	0.0	187.4

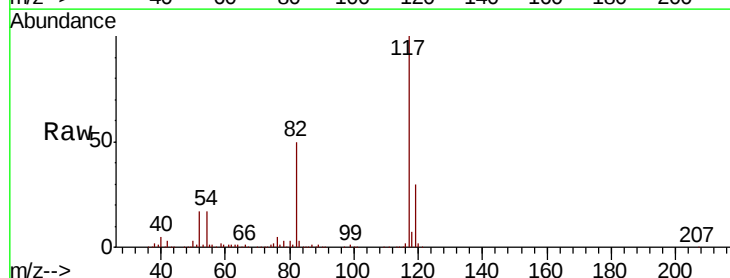


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

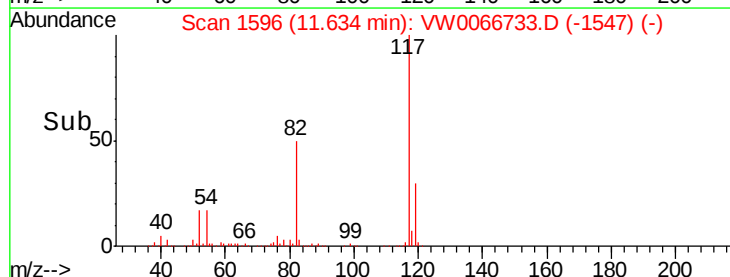
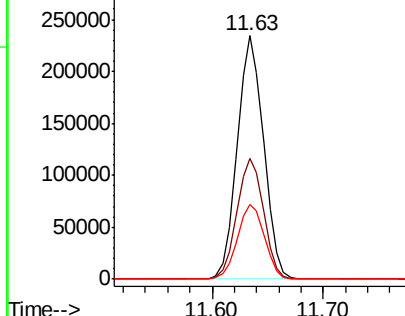


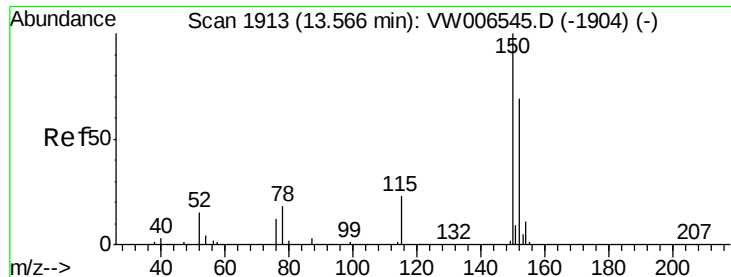
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW0066733.D
Acq: 07 Nov 2018 13:46

Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.6	40.8	61.2
119	30.5	26.1	39.1



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW0066733.D

Acq: 07 Nov 2018 13:46

Instrument :

MSVOA_W

ClientSampleId :

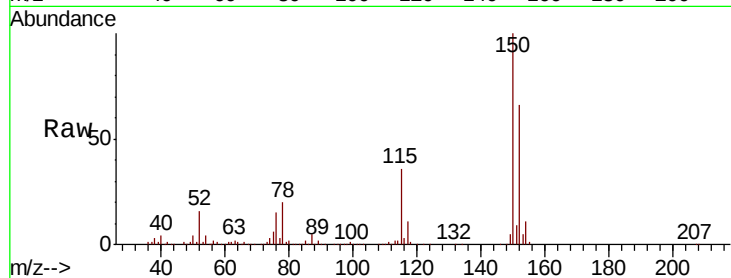
Tot Ion:152 Resp: 196449

Ion Ratio Lower Upper

152 100

115 55.0 26.6 79.8

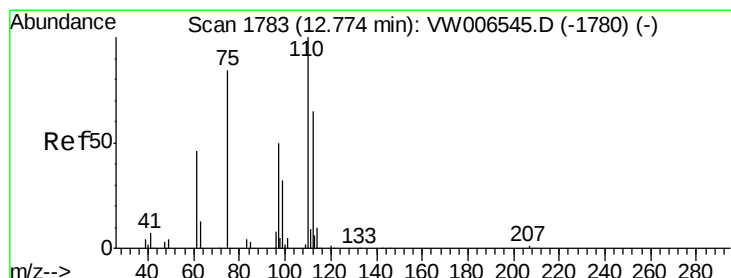
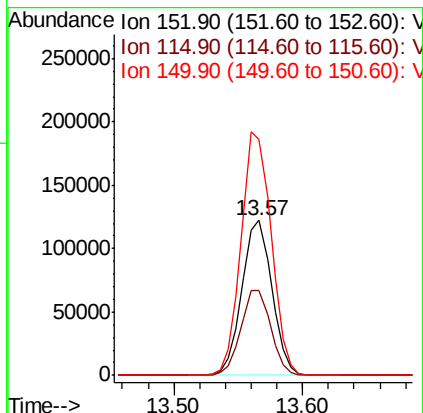
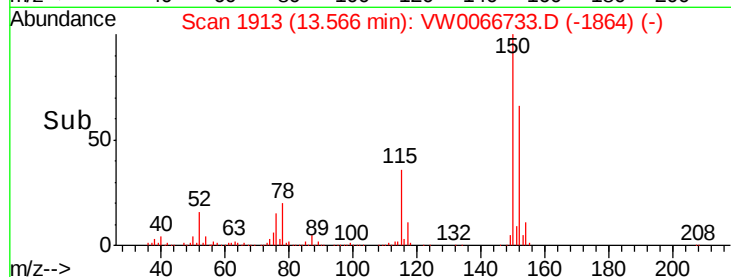
150 158.5 0.0 344.6



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: 51.908 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW0066733.D

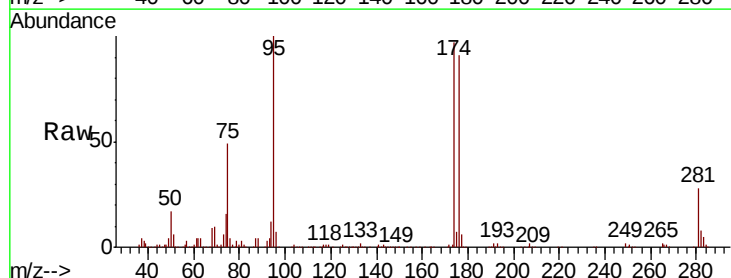
Acq: 07 Nov 2018 13:46

Tgt Ion: 75 Resp: 79562

Ion Ratio Lower Upper

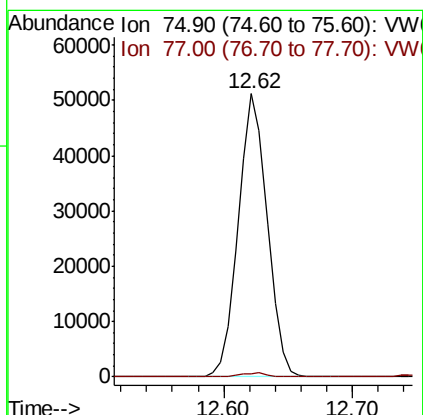
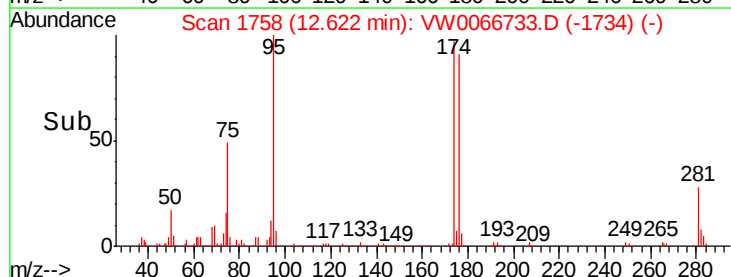
75 100

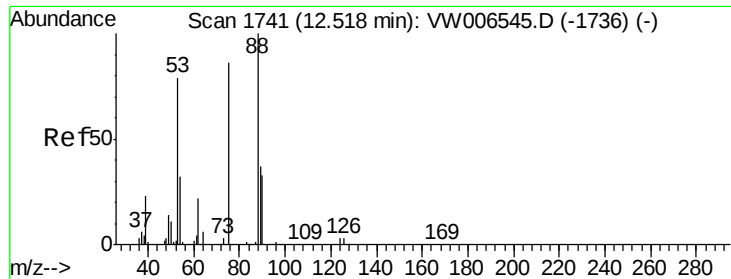
77 1.3 0.0 0.0#



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: 129.934 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW0066733.D

Acq: 07 Nov 2018 13:46

Instrument :

MSVOA_W

ClientSampleId :

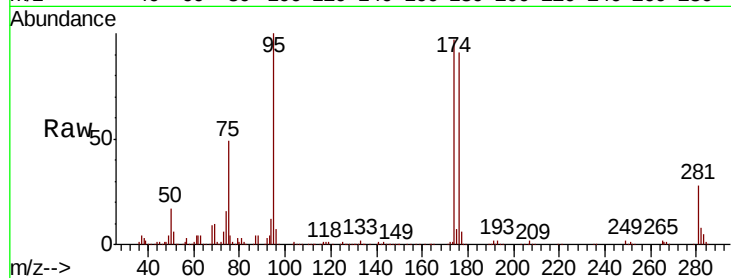
Tot Ion: 75 Resp: 79562

Ion Ratio Lower Upper

75 100

53 0.1 77.2 115.8#

89 0.1 38.6 58.0#



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

