

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110318\
 Data File : VW006576.D
 Acq On : 02 Nov 2018 00:17
 Operator : SY/AP
 Sample : VW110318SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBL01

Quant Time: Nov 02 07:57:49 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	240097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	353647	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	319238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	166809	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	108524	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
35) Dibromofluoromethane	7.89	113	113234	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
50) Toluene-d8	10.33	98	409380	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
62) 4-Bromofluorobenzene	12.62	95	136195	44.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.92%	

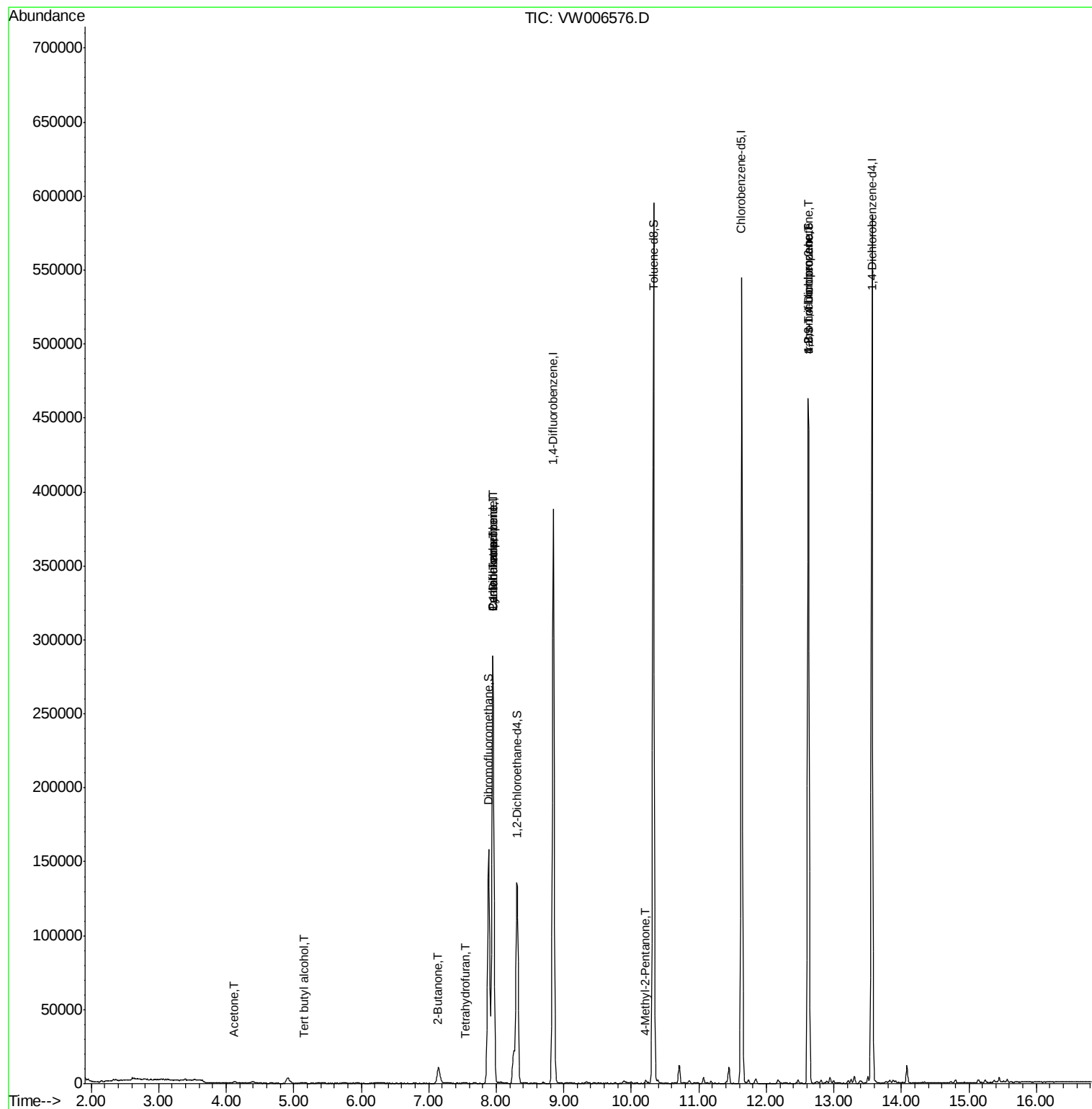
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.15	59	451	4.056	ug/l #	84
16) Acetone	4.12	43	2259	6.780	ug/l #	83
20) Methylene Chloride	4.92	84	3199	Below Cal	#	95
25) 2-Butanone	7.13	43	497	1.045	ug/l #	46
29) Tetrahydrofuran	7.55	42	417	1.394	ug/l #	62
31) Cyclohexane	7.95	56	4341	1.321	ug/l #	20
36) 1,1-Dichloropropene	7.95	75	14758	4.745	ug/l #	48
38) Carbon Tetrachloride	7.95	117	20433	6.288	ug/l #	16
51) 4-Methyl-2-Pentanone	10.21	43	1498	1.356	ug/l #	77
76) 1,2,3-Trichloropropane	12.62	75	69352	53.287	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	69352	133.314	ug/l #	11

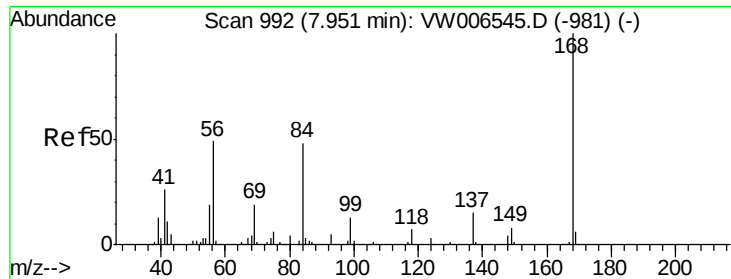
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110318\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006576.D

Acq: 02 Nov 2018 00:17

Instrument :

MSVOA_W

ClientSampleId :

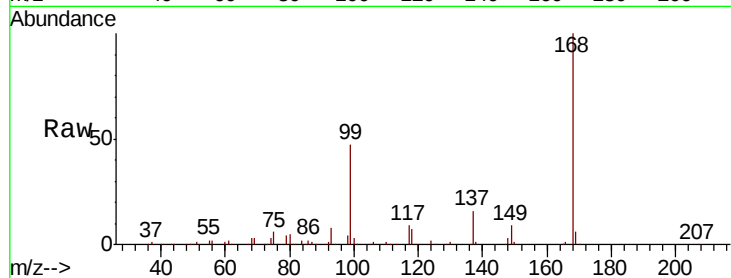
VW110318SBL01

Tgt Ion:168 Resp: 240097

Ion Ratio Lower Upper

168 100

99 47.1 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

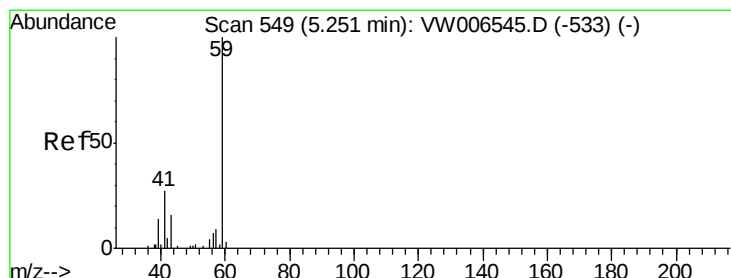
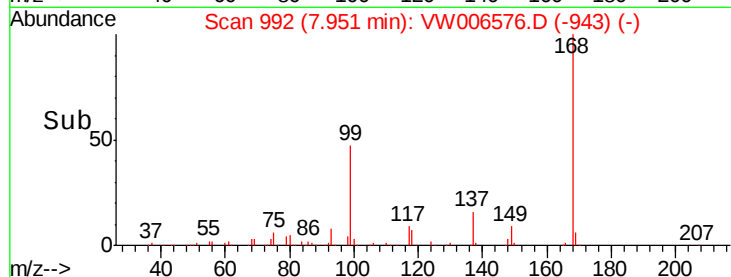
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 4.056 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.10 min

Lab File: VW006576.D

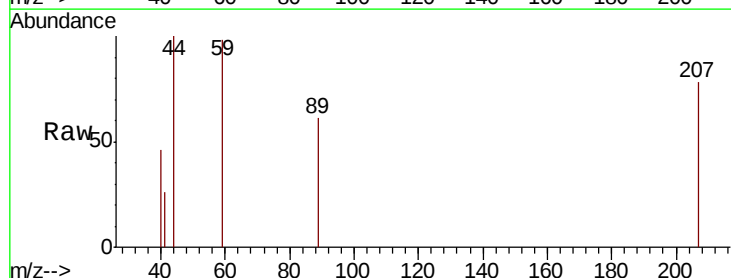
Acq: 02 Nov 2018 00:17

Tgt Ion: 59 Resp: 451

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

5.15

200

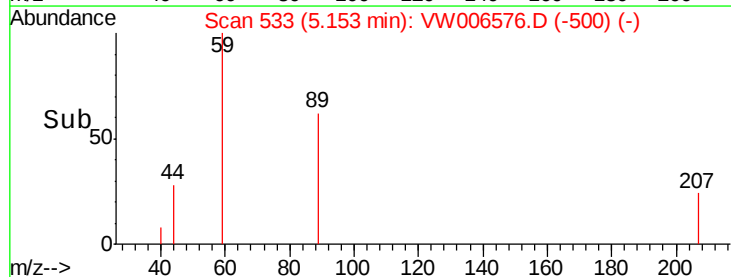
150

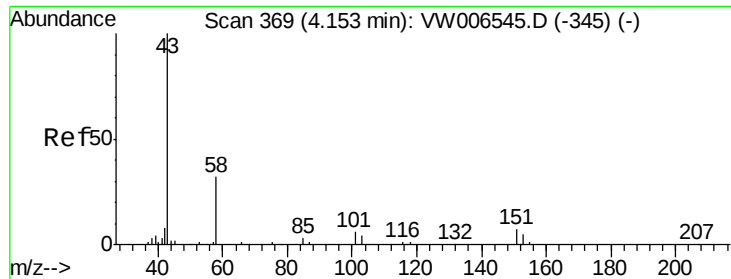
100

50

0

Time--> 5.10 5.15





#16

Acetone

Concen: 6.780 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.03 min

Lab File: VW006576.D

Acq: 02 Nov 2018 00:17

Instrument :

MSVOA_W

ClientSampleId :

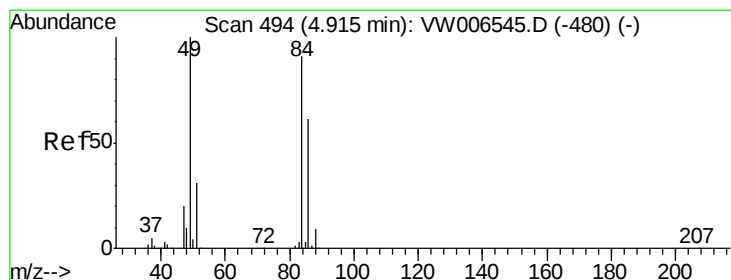
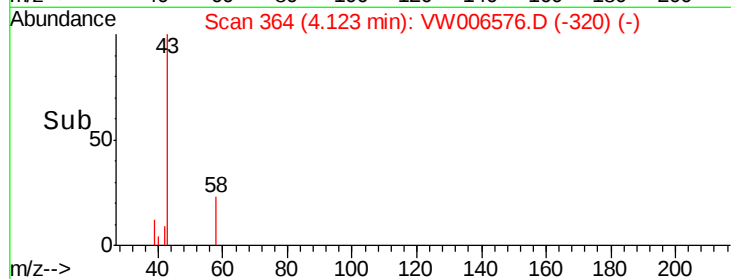
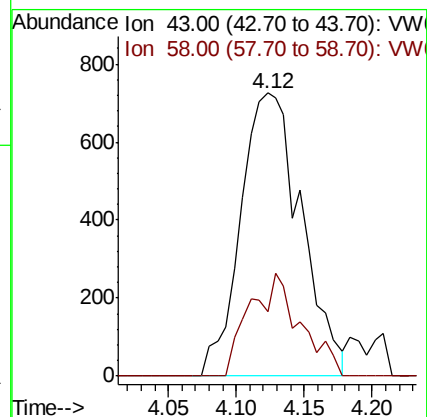
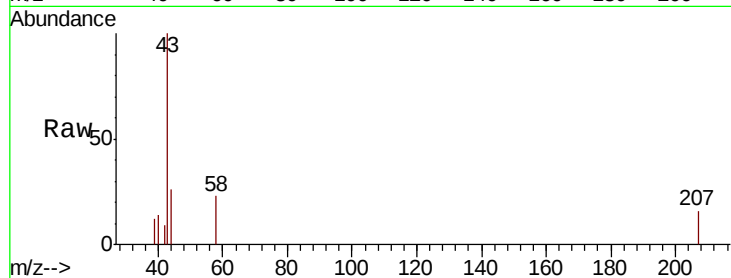
VW110318SBL01

Tgt Ion: 43 Resp: 2259

Ion Ratio Lower Upper

43 100

58 22.9 25.8 38.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006576.D

Acq: 02 Nov 2018 00:17

Tgt Ion: 84 Resp: 3199

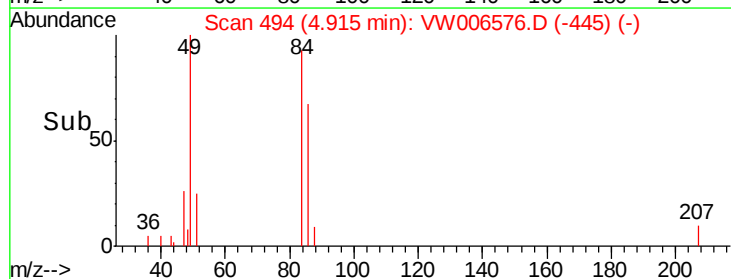
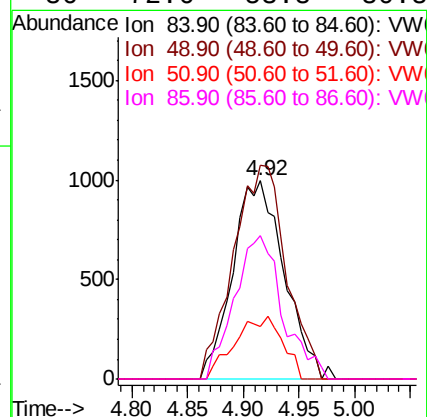
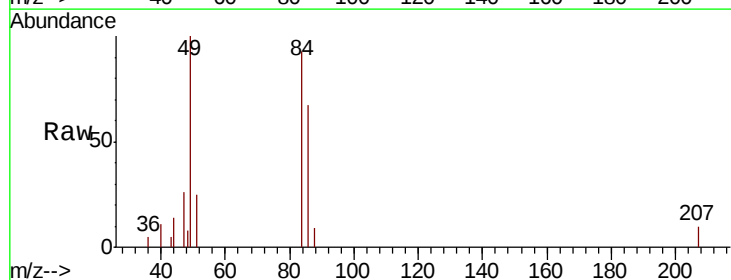
Ion Ratio Lower Upper

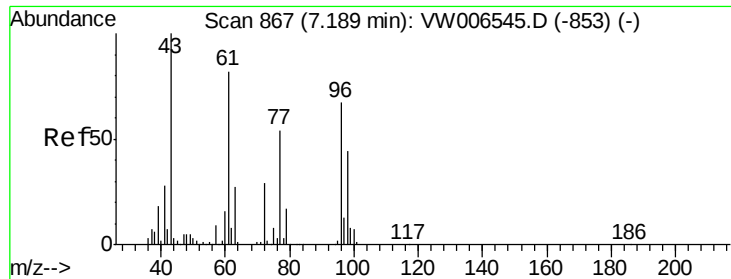
84 100

49 107.7 88.2 132.4

51 26.7 27.0 40.6#

86 72.6 53.8 80.8





#25

2-Butanone

Concen: 1.045 ug/l

RT: 7.13 min Scan# 857

Delta R.T. -0.06 min

Lab File: VW006576.D

Acq: 02 Nov 2018 00:17

Instrument :

MSVOA_W

ClientSampleId :

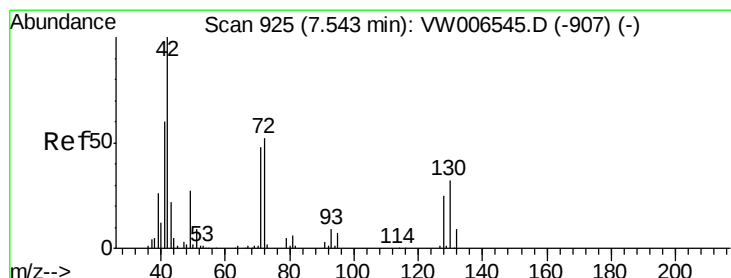
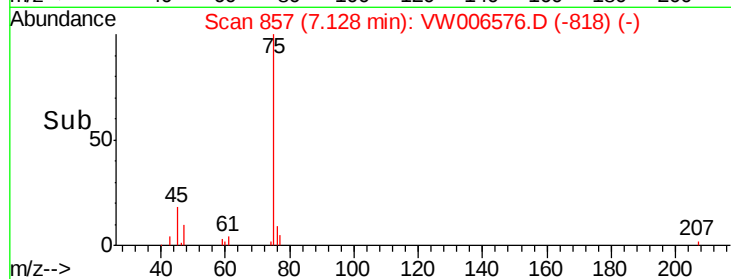
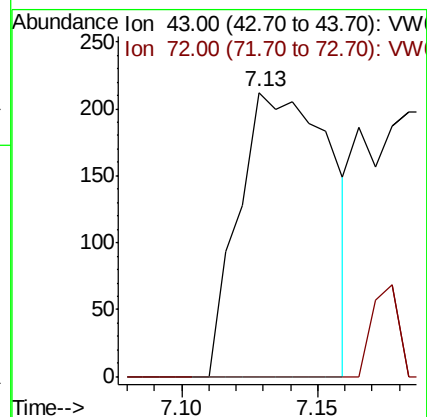
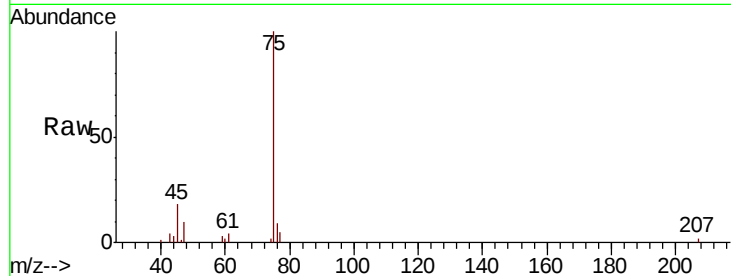
VW110318SBL01

Tgt Ion: 43 Resp: 497

Ion Ratio Lower Upper

43 100

72 0.0 23.2 34.8#



#29

Tetrahydrofuran

Concen: 1.394 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.01 min

Lab File: VW006576.D

Acq: 02 Nov 2018 00:17

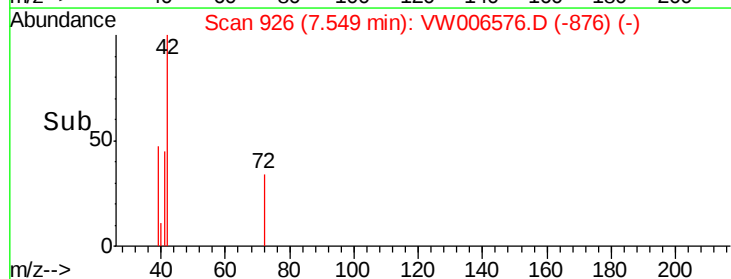
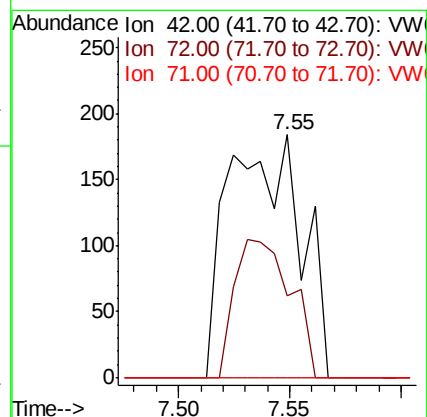
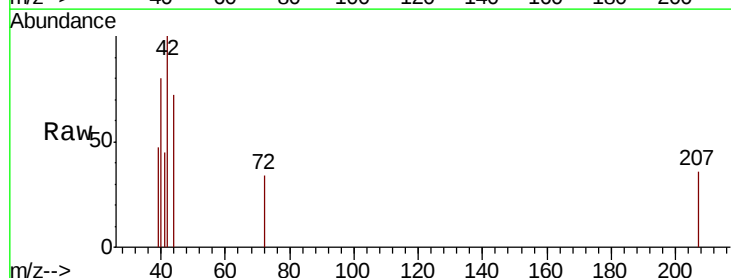
Tgt Ion: 42 Resp: 417

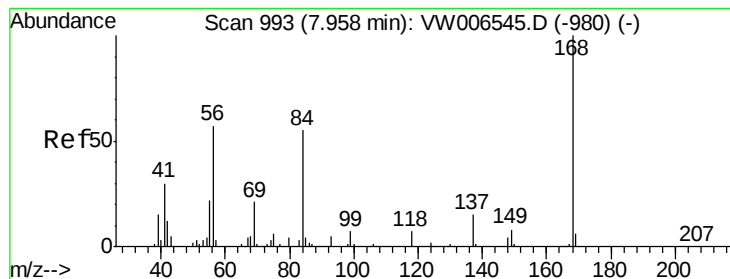
Ion Ratio Lower Upper

42 100

72 43.9 39.2 58.8

71 0.0 37.6 56.4#





#31

Cyclohexane

Concen: 1.321 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006576.D

Acq: 02 Nov 2018 00:17

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBL01

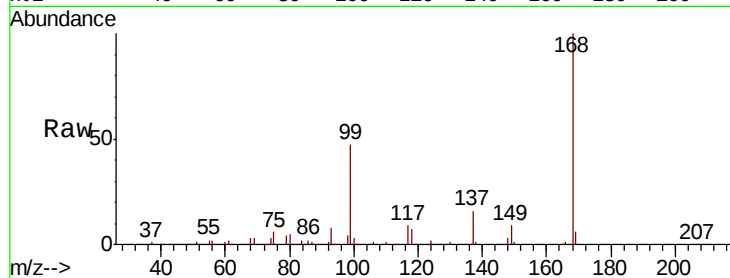
Tgt Ion: 56 Resp: 4341

Ion Ratio Lower Upper

56 100

69 155.3 29.0 43.4#

84 131.4 77.8 116.6#

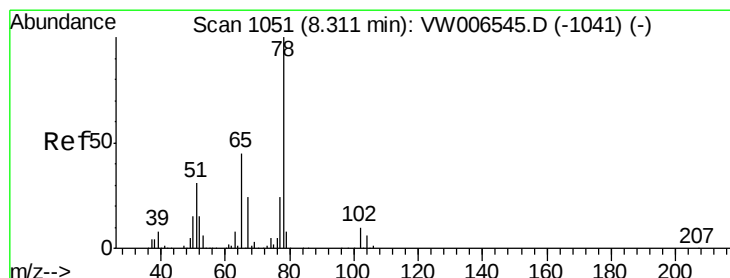
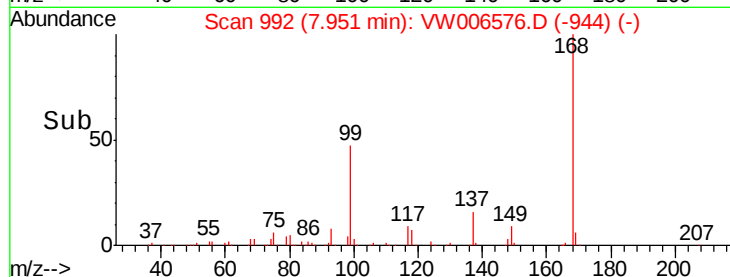
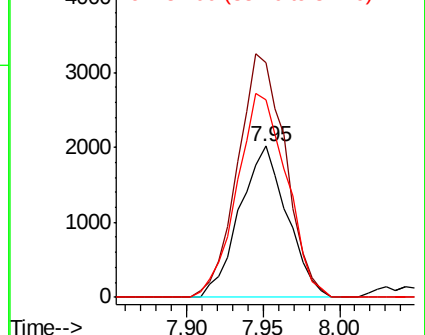


Abundance

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: 52.583 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006576.D

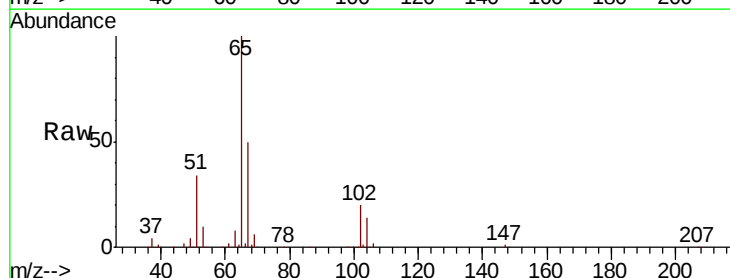
Acq: 02 Nov 2018 00:17

Tgt Ion: 65 Resp: 108524

Ion Ratio Lower Upper

65 100

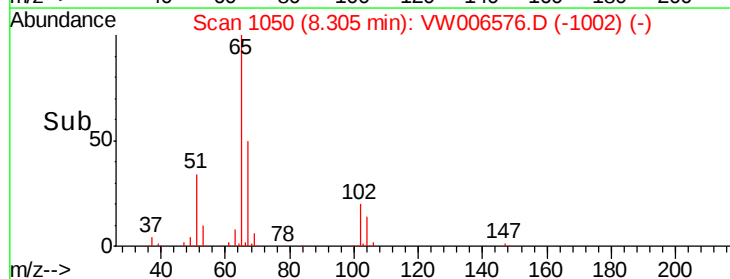
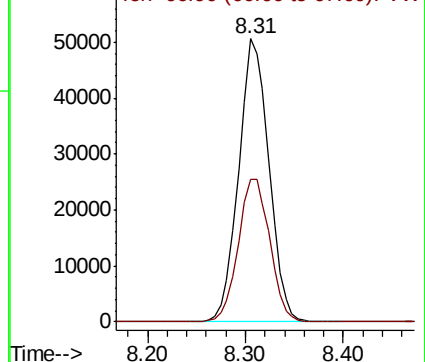
67 52.6 0.0 104.4

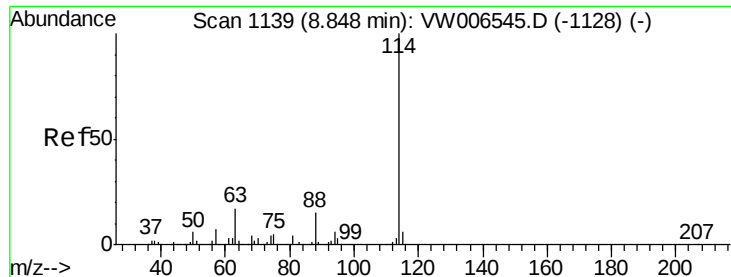


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

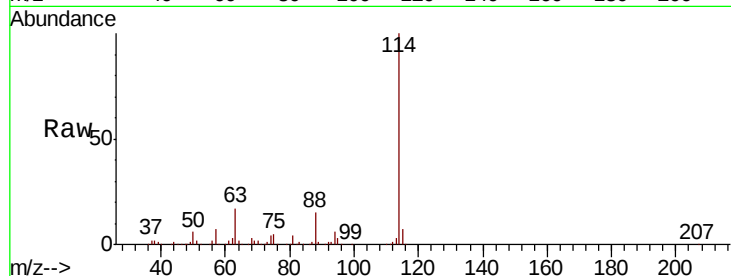




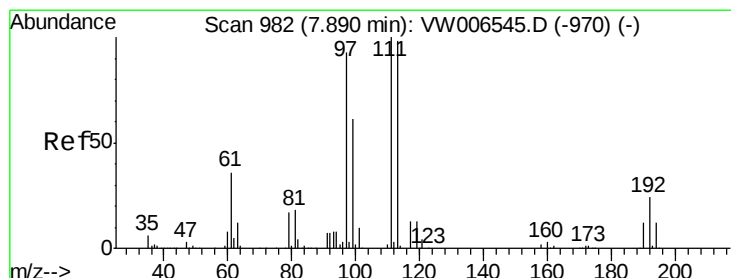
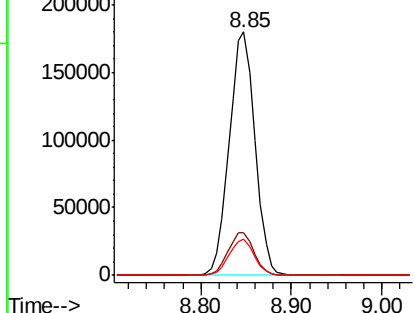
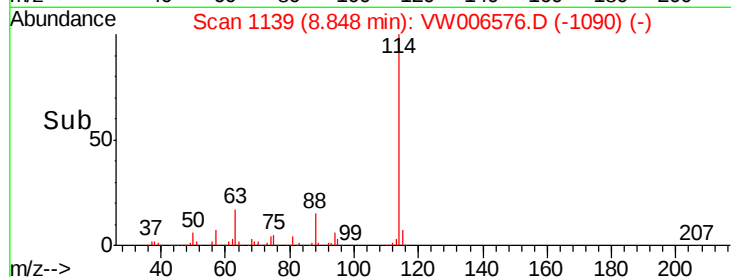
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006576.D
 Acq: 02 Nov 2018 00:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBL01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	34.4
88	14.7	0.0	29.0

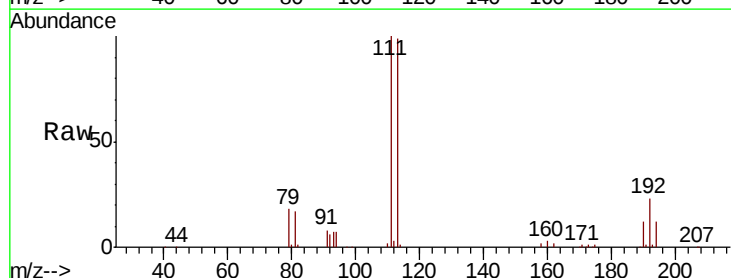


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

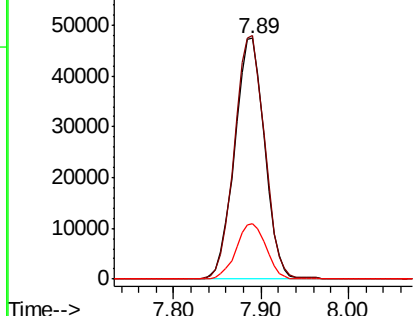
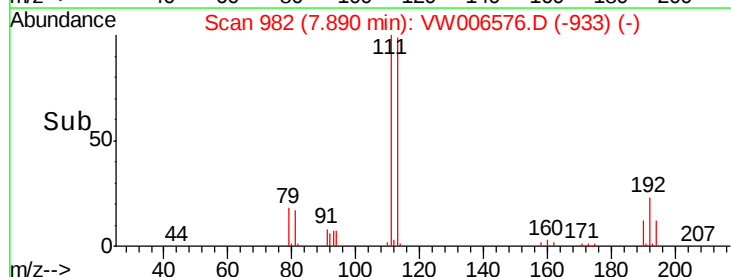


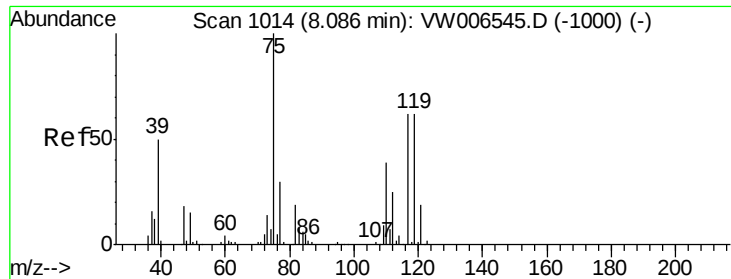
#35
 Dibromofluoromethane
 Concen: 51.020 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006576.D
 Acq: 02 Nov 2018 00:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.2	123.2
192	23.1	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: 4.745 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006576.D

Acq: 02 Nov 2018 00:17

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBL01

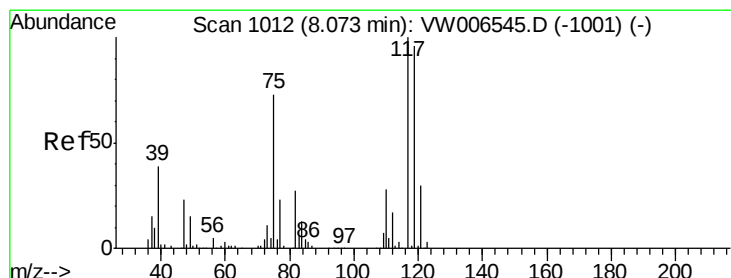
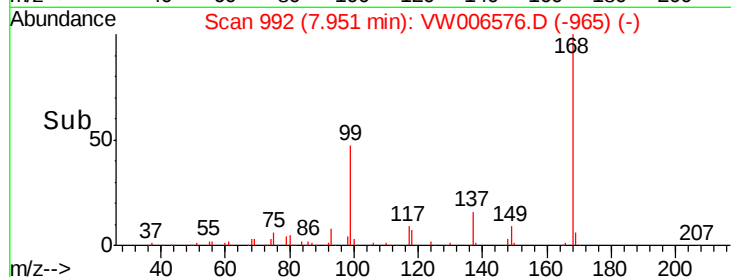
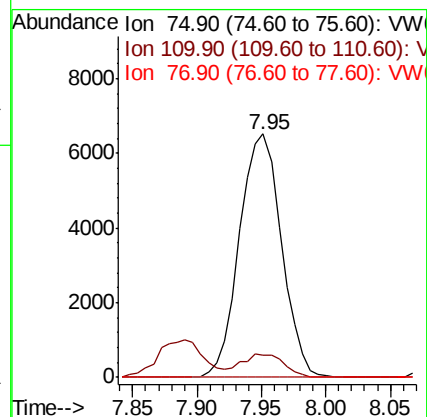
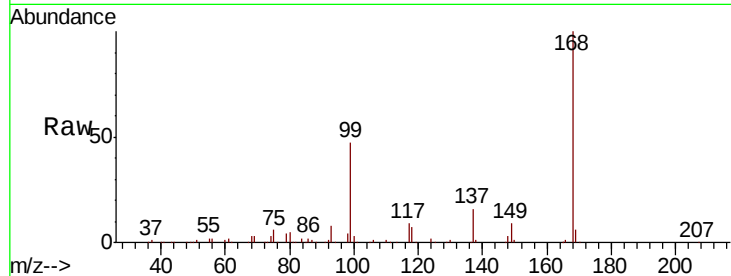
Tgt Ion: 75 Resp: 14758

Ion Ratio Lower Upper

75 100

110 9.8 19.5 58.5#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 6.288 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006576.D

Acq: 02 Nov 2018 00:17

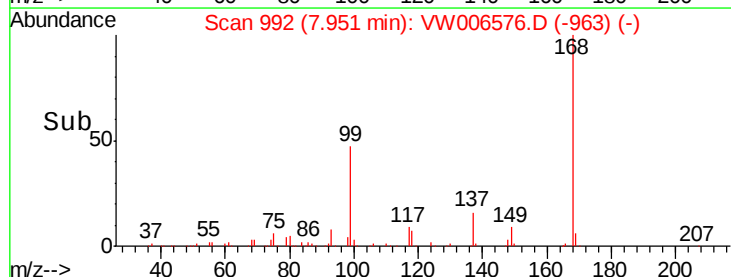
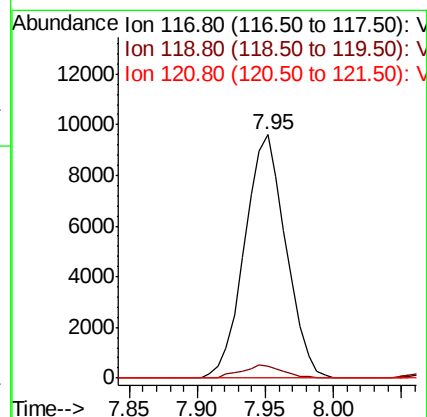
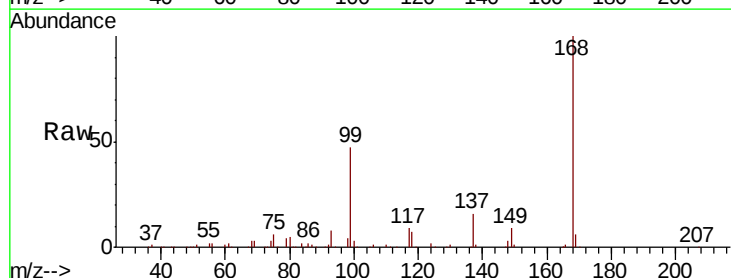
Tgt Ion: 117 Resp: 20433

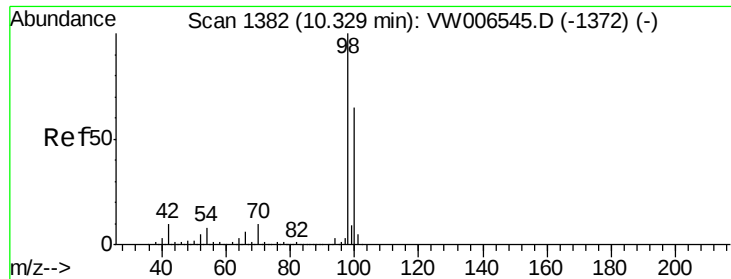
Ion Ratio Lower Upper

117 100

119 5.0 76.3 114.5#

121 0.0 24.1 36.1#

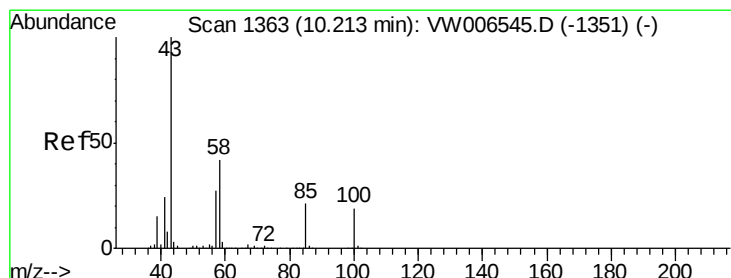
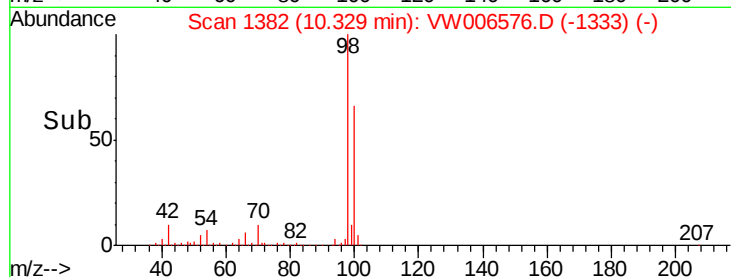
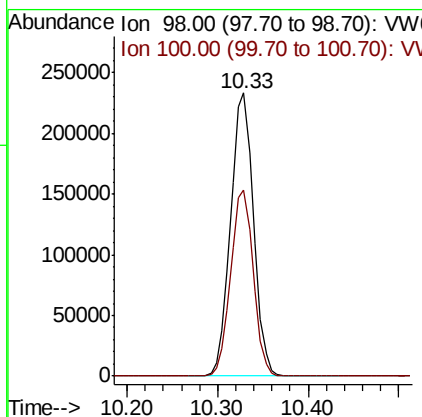
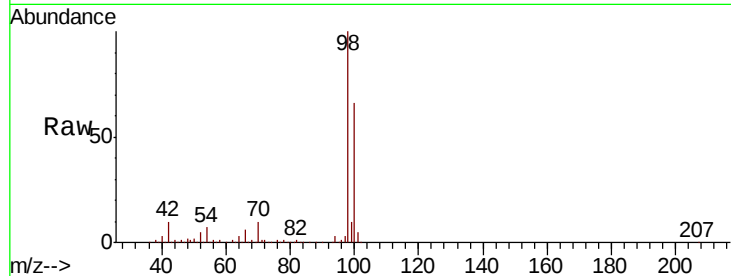




#50
Toluene-d8
Concen: 48.454 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006576.D
Acq: 02 Nov 2018 00:17

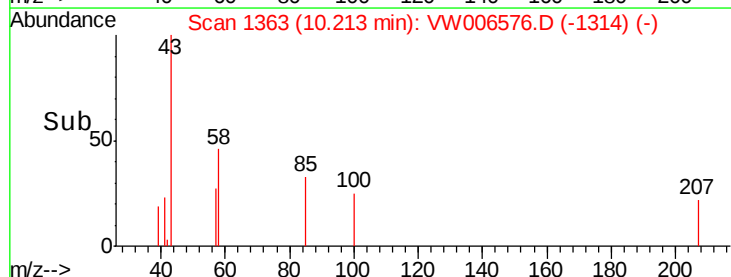
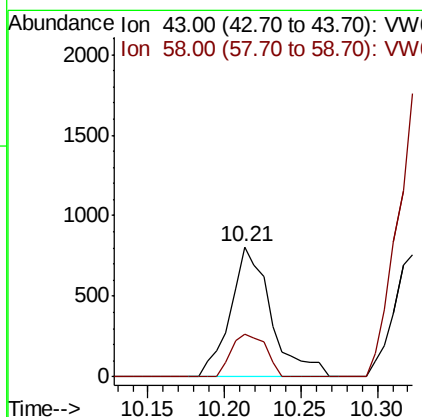
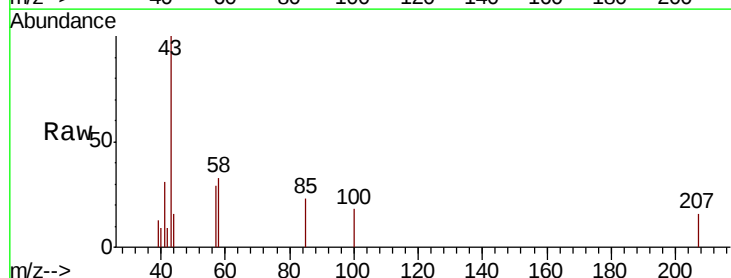
Instrument :
MSVOA_W
ClientSampleId :
VW110318SBL01

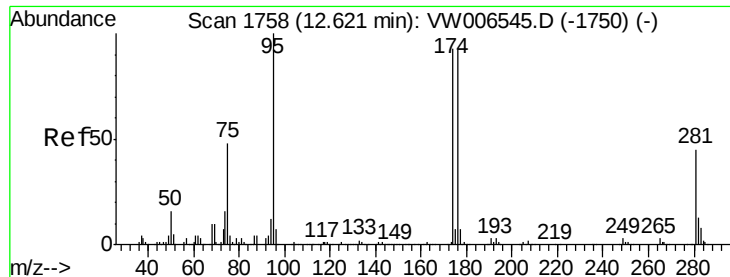
Tgt Ion: 98 Resp: 409380
Ion Ratio Lower Upper
98 100
100 64.9 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.356 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW006576.D
Acq: 02 Nov 2018 00:17

Tgt Ion: 43 Resp: 1498
Ion Ratio Lower Upper
43 100
58 27.4 33.4 50.0#

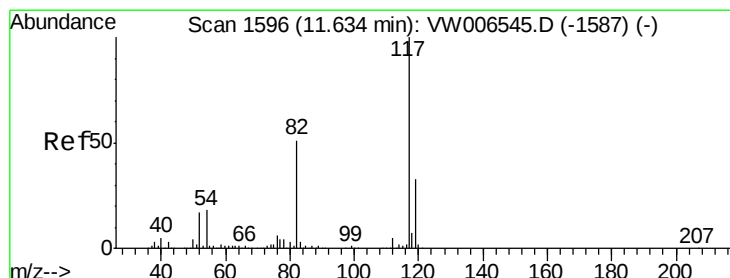
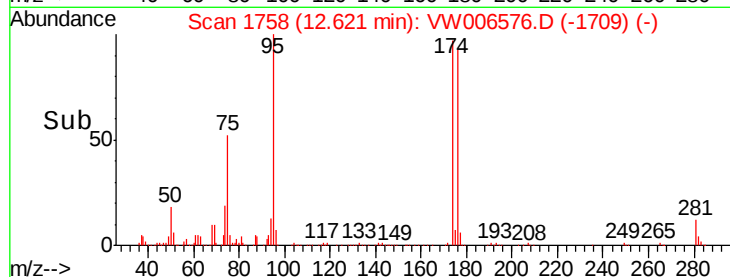
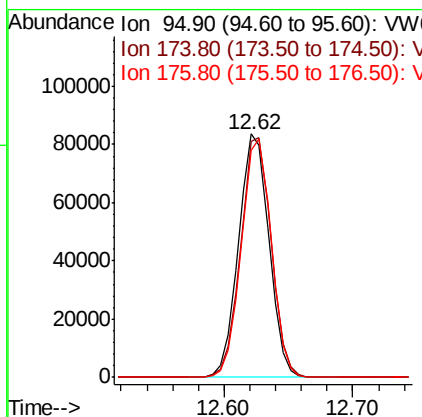
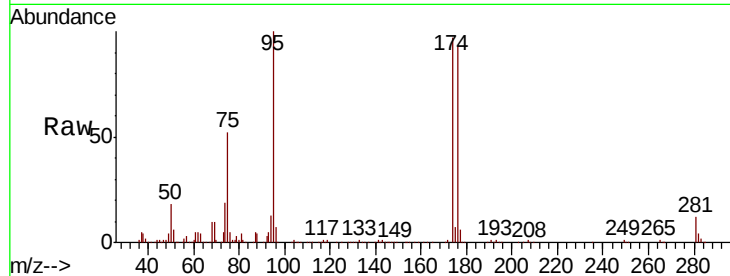




#62
4-Bromofluorobenzene
Concen: 44.464 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006576.D
Acq: 02 Nov 2018 00:17

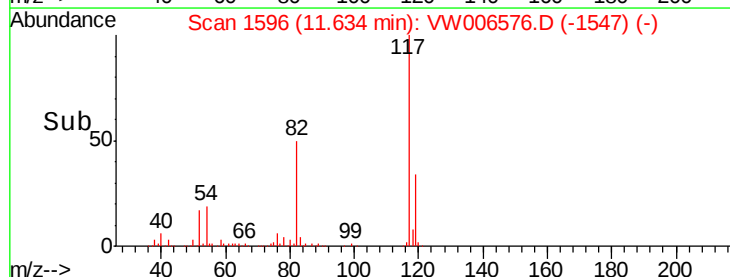
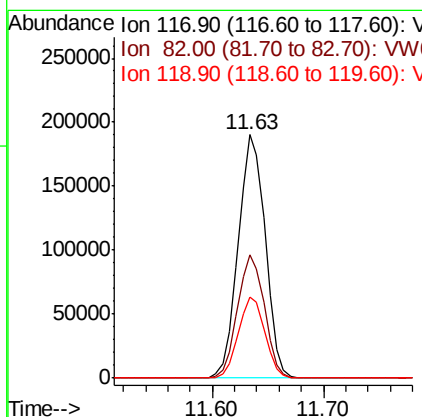
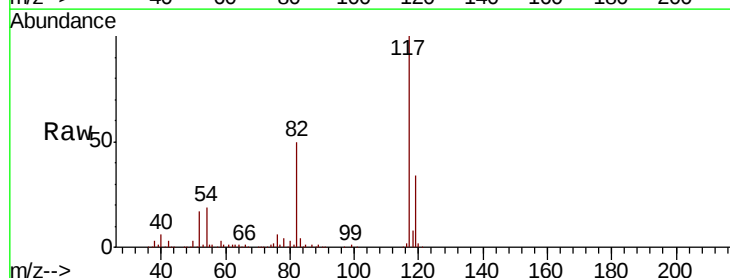
Instrument :
MSVOA_W
ClientSampleId :
VW110318SBL01

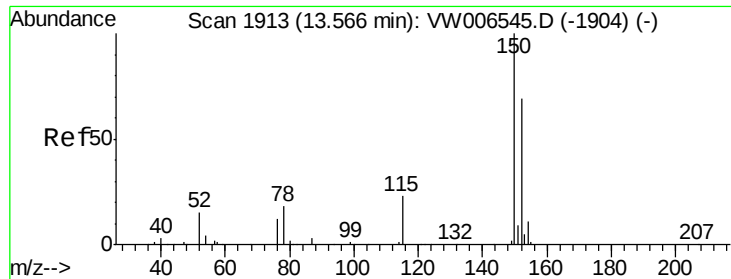
Tgt Ion	Ratio	Lower	Upper
95	100		
174	99.0	0.0	192.4
176	96.5	0.0	187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006576.D
Acq: 02 Nov 2018 00:17

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.4	40.8	61.2
119	33.6	26.1	39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006576.D

Acq: 02 Nov 2018 00:17

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBL01

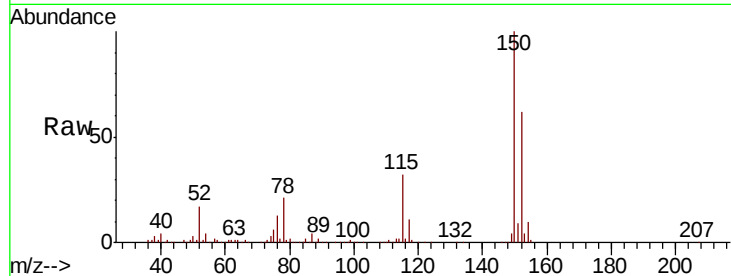
Tgt Ion:152 Resp: 166809

Ion Ratio Lower Upper

152 100

115 53.8 26.6 79.8

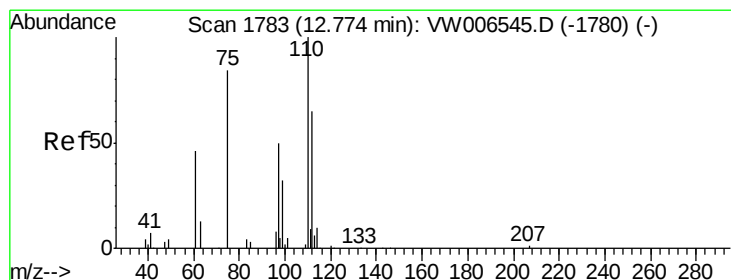
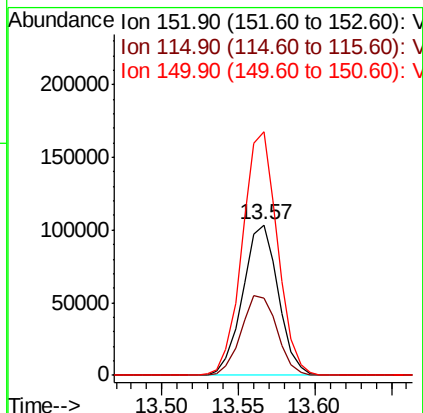
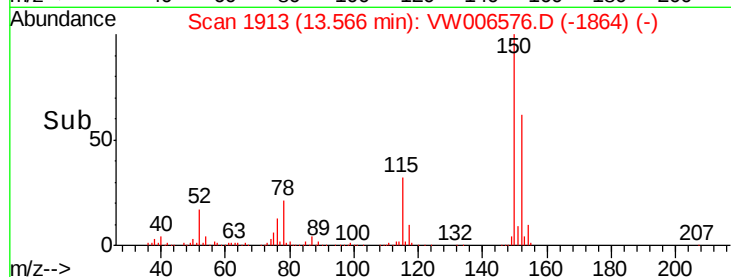
150 159.4 0.0 344.6



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: 53.287 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006576.D

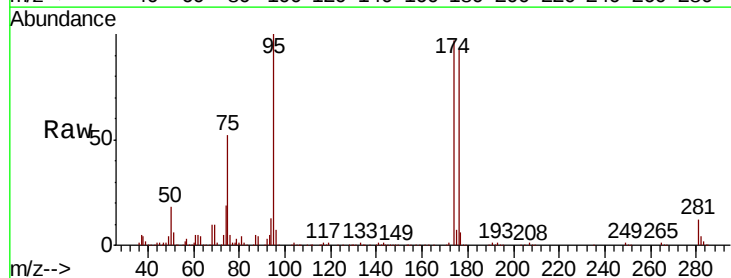
Acq: 02 Nov 2018 00:17

Tgt Ion: 75 Resp: 69352

Ion Ratio Lower Upper

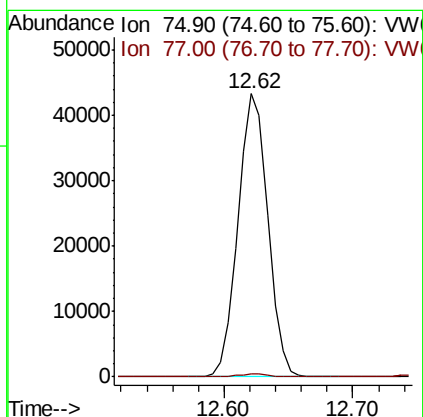
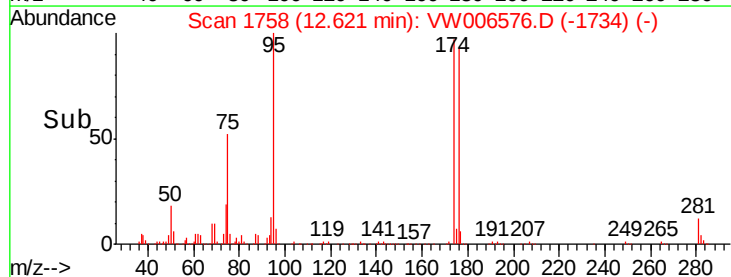
75 100

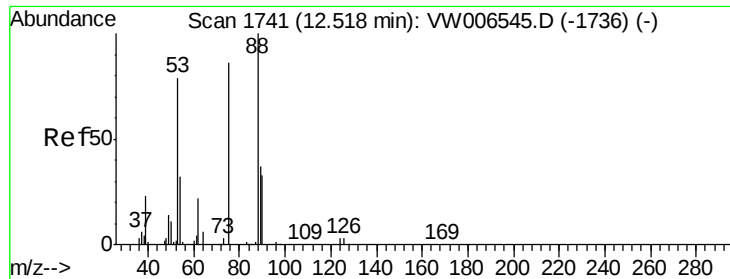
77 1.1 0.0 0.0#



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: 133.314 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006576.D

Acq: 02 Nov 2018 00:17

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBL01

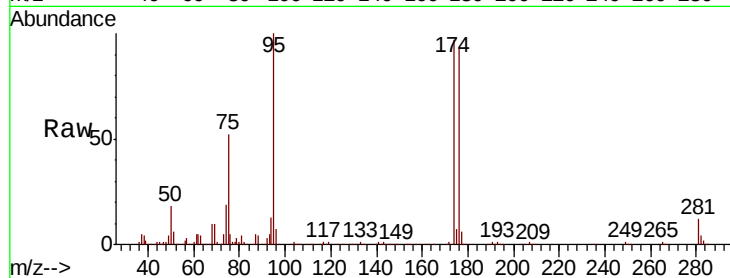
Tgt Ion: 75 Resp: 69352

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

