

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110318\
 Data File : VW006586.D
 Acq On : 02 Nov 2018 04:36
 Operator : SY/AP
 Sample : J5205-07RE
 Misc : 5.94G/5ML/MSVOA_W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-04-103018-ARE

Quant Time: Nov 02 07:59:58 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	215125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	343780	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	247750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	94073	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	94771	51.25	ug/l	0.00
Spiked Amount			Recovery	=	102.50%	
35) Dibromofluoromethane	7.88	113	90477	41.94	ug/l	0.00
Spiked Amount			Recovery	=	83.88%	
50) Toluene-d8	10.33	98	240488	29.28	ug/l	0.00
Spiked Amount			Recovery	=	58.56%	
62) 4-Bromofluorobenzene	12.62	95	77349	25.98	ug/l	0.00
Spiked Amount			Recovery	=	51.96%	

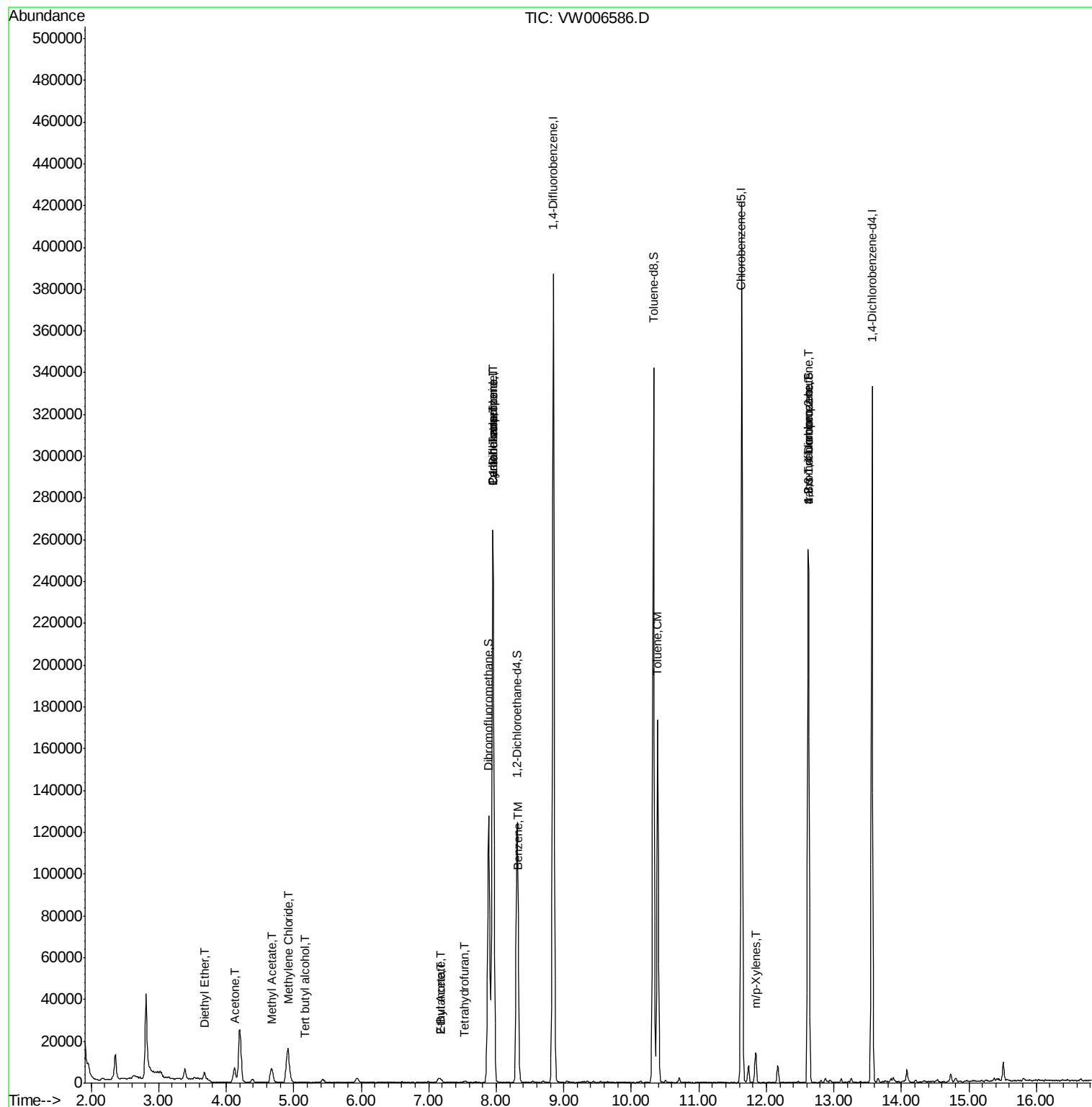
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	2721	2.926	ug/l	92
11) Tert butyl alcohol	5.17	59	430	4.316	ug/l #	84
16) Acetone	4.12	43	12077	40.452	ug/l	97
18) Methyl Acetate	4.68	43	12578	14.651	ug/l	98
20) Methylene Chloride	4.92	84	13891	1.370	ug/l	97
25) 2-Butanone	7.18	43	1907	4.476	ug/l	93
29) Tetrahydrofuran	7.54	42	396	1.478	ug/l #	77
31) Cyclohexane	7.95	56	3713	1.261	ug/l #	35
36) 1,1-Dichloropropene	7.95	75	13417	4.438	ug/l #	47
37) Ethyl Acetate	7.18	43	1907	1.820	ug/l #	66
38) Carbon Tetrachloride	7.95	117	18319	5.799	ug/l #	17
40) Benzene	8.33	78	12098	1.409	ug/l	96
52) Toluene	10.39	92	72818	12.643	ug/l	95
68) m/p-Xylenes	11.84	106	4498	1.292	ug/l	94
76) 1,2,3-Trichloropropane	12.62	75	39331	53.586	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	39331	134.048	ug/l #	11

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110318\
Data File : VW006586.D
Acq On : 02 Nov 2018 04:36
Operator : SY/AP
Sample : J5205-07RE
Misc : 5.94G/5ML/MSVOA_W/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TR-04-103018-ARE

Quant Time: Nov 02 07:59:58 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: VW006586.D

Acq: 02 Nov 2018 04:36

Instrument :

MSVOA_W

ClientSampleId :

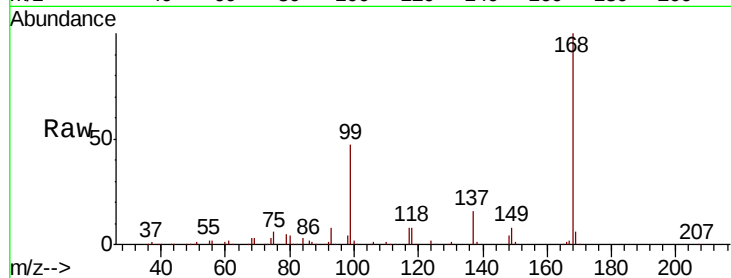
TR-04-103018-ARE

Tgt Ion:168 Resp: 215125

Ion Ratio Lower Upper

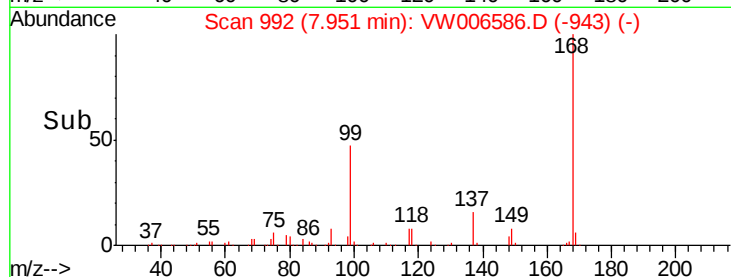
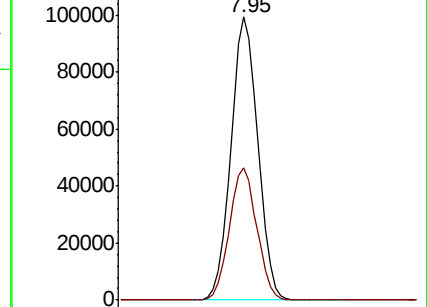
168 100

99 46.9 37.4 56.0

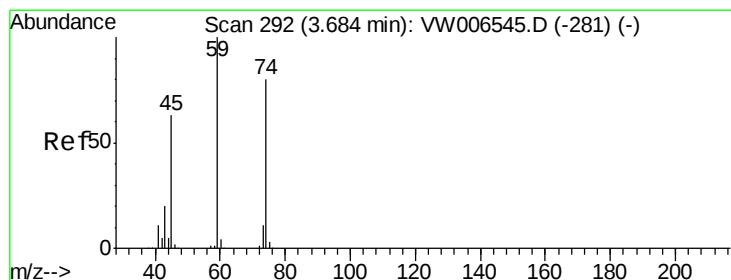


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



Time-->



#8

Diethyl Ether

Concen: 2.926 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.00 min

Lab File: VW006586.D

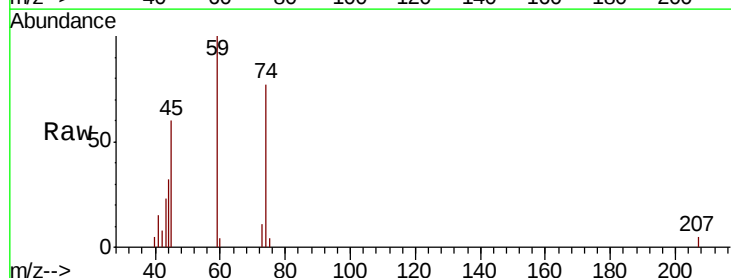
Acq: 02 Nov 2018 04:36

Tgt Ion: 74 Resp: 2721

Ion Ratio Lower Upper

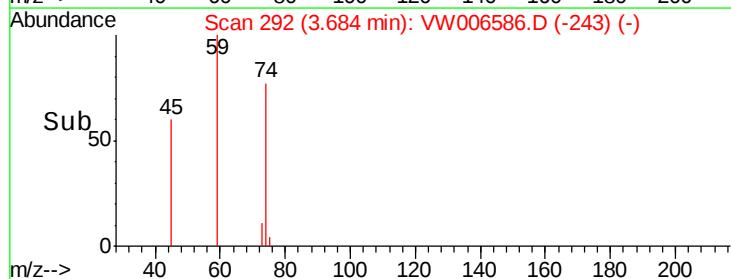
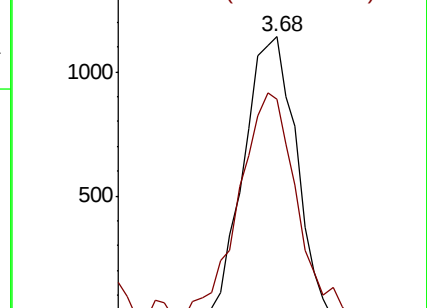
74 100

45 89.3 41.1 123.4

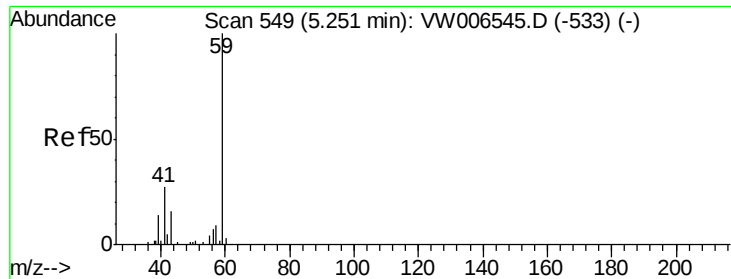


Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



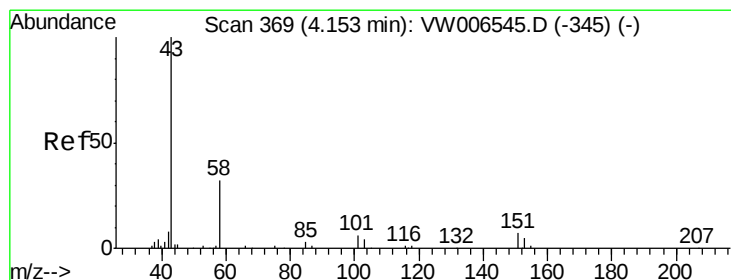
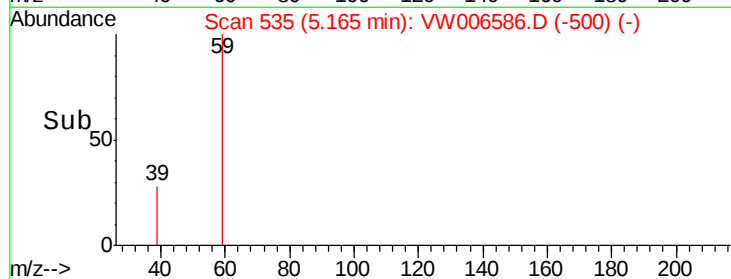
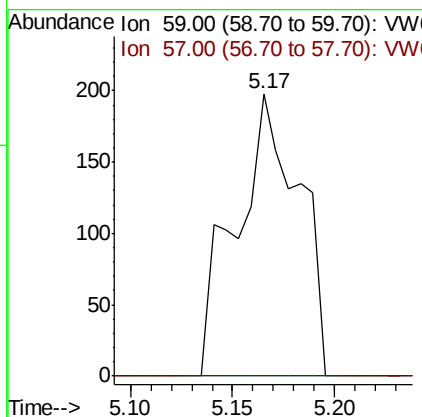
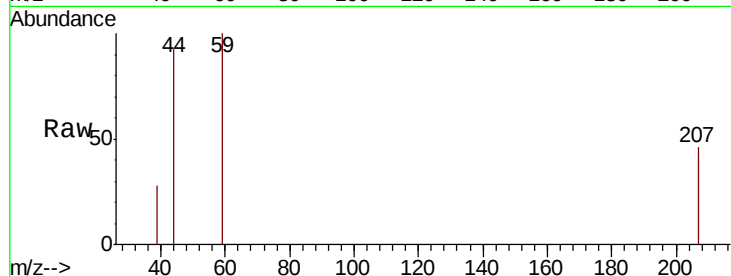
Time-->



#11
Tert butyl alcohol
Concen: 4.316 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.09 min
Lab File: VW006586.D
Acq: 02 Nov 2018 04:36

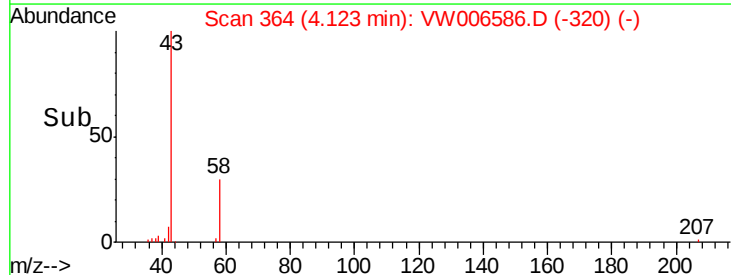
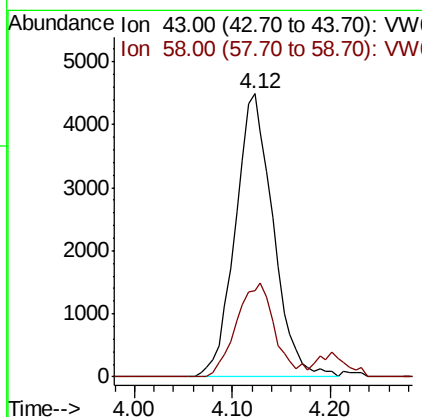
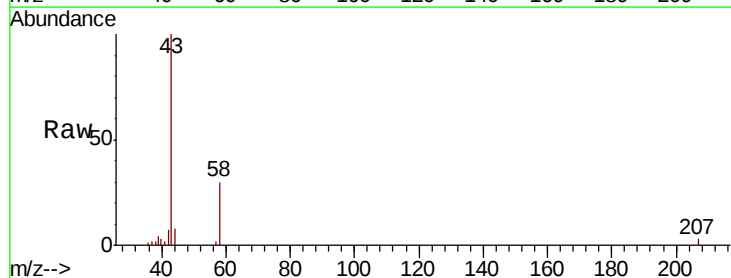
Instrument :
MSVOA_W
ClientSampleId :
TR-04-103018-ARE

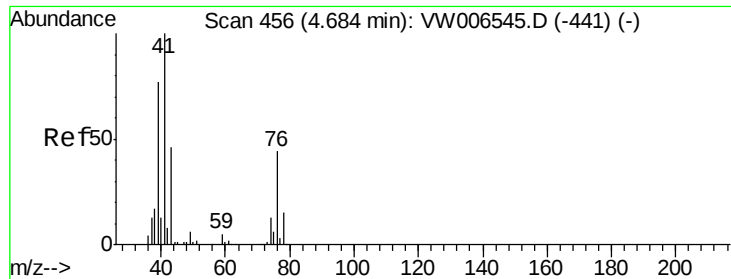
Tgt Ion: 59 Resp: 430
Ion Ratio Lower Upper
59 100
57 0.0 4.3 6.5#



#16
Acetone
Concen: 40.452 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.03 min
Lab File: VW006586.D
Acq: 02 Nov 2018 04:36

Tgt Ion: 43 Resp: 12077
Ion Ratio Lower Upper
43 100
58 30.3 25.8 38.8

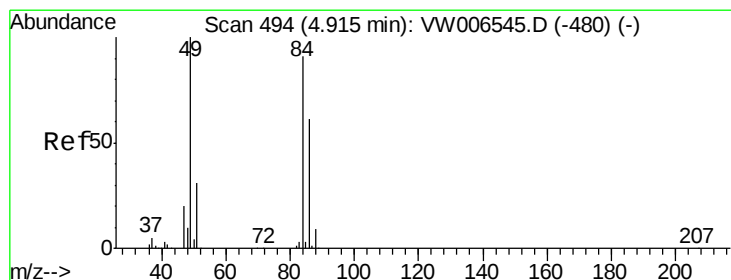
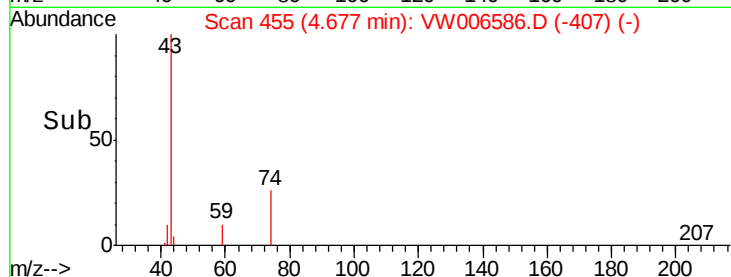
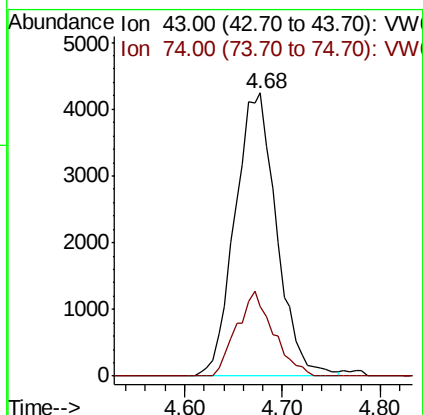
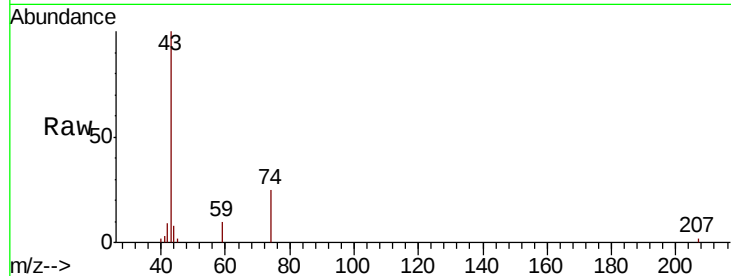




#18
Methyl Acetate
Concen: 14.651 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW006586.D
Acq: 02 Nov 2018 04:36

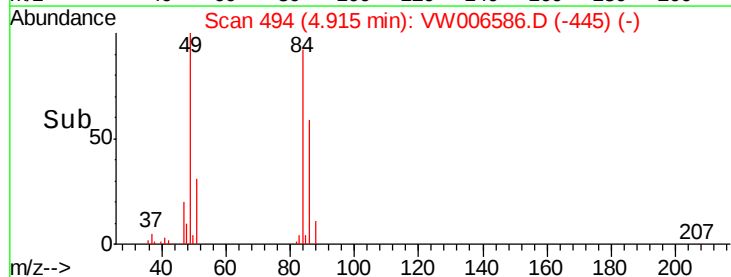
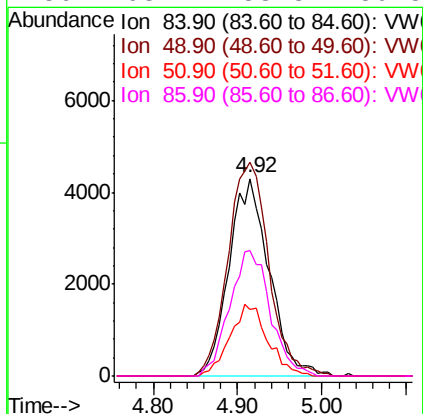
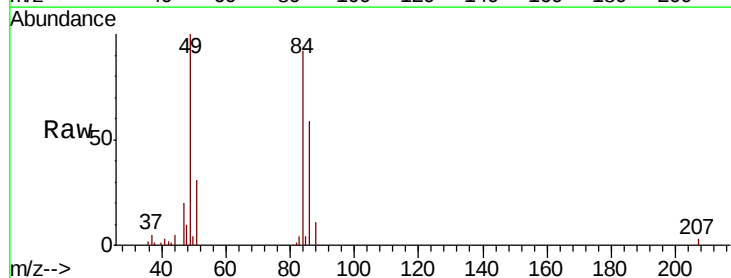
Instrument :
MSVOA_W
ClientSampleId :
TR-04-103018-ARE

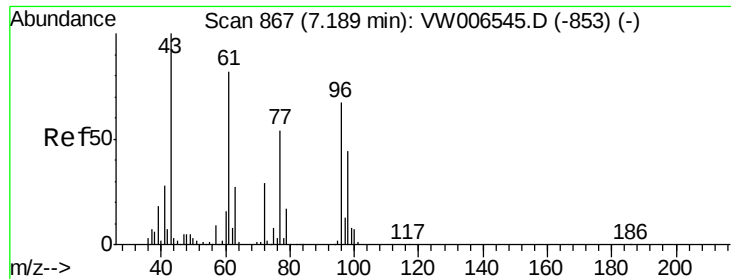
Tgt Ion: 43 Resp: 12578
Ion Ratio Lower Upper
43 100
74 26.6 21.9 32.9



#20
Methylene Chloride
Concen: 1.370 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006586.D
Acq: 02 Nov 2018 04:36

Tgt Ion: 84 Resp: 13891
Ion Ratio Lower Upper
84 100
49 108.2 88.2 132.4
51 33.7 27.0 40.6
86 63.4 53.8 80.8





#25

2-Butanone

Concen: 4.476 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006586.D

Acq: 02 Nov 2018 04:36

Instrument :

MSVOA_W

ClientSampleId :

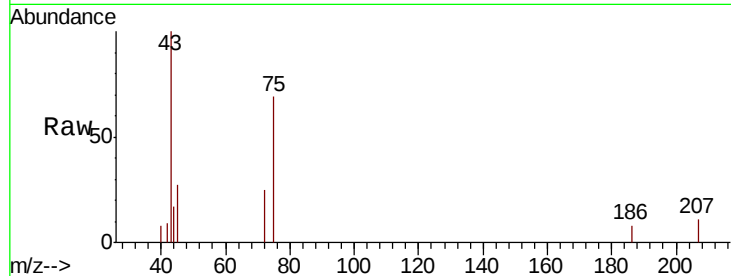
TR-04-103018-ARE

Tgt Ion: 43 Resp: 1907

Ion Ratio Lower Upper

43 100

72 25.0 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.18

600

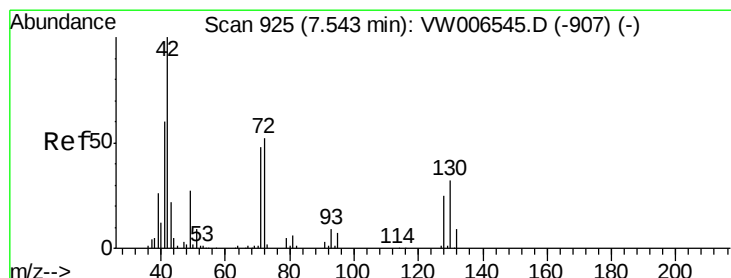
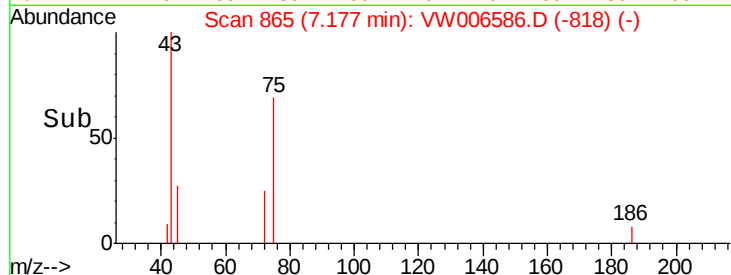
400

200

0

7.10 7.15 7.20 7.25 7.30

Time-->



#29

Tetrahydrofuran

Concen: 1.478 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006586.D

Acq: 02 Nov 2018 04:36

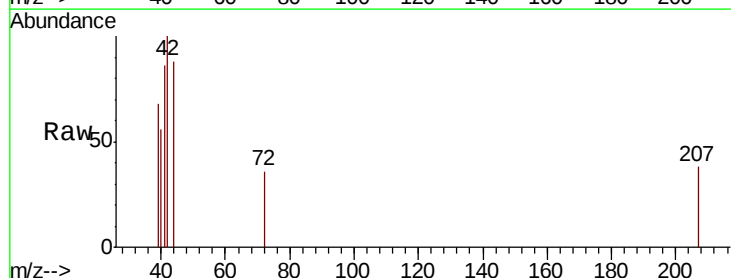
Tgt Ion: 42 Resp: 396

Ion Ratio Lower Upper

42 100

72 46.7 39.2 58.8

71 17.9 37.6 56.4#



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

7.54

250

200

150

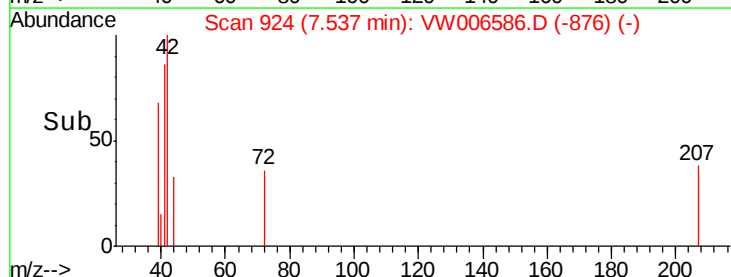
100

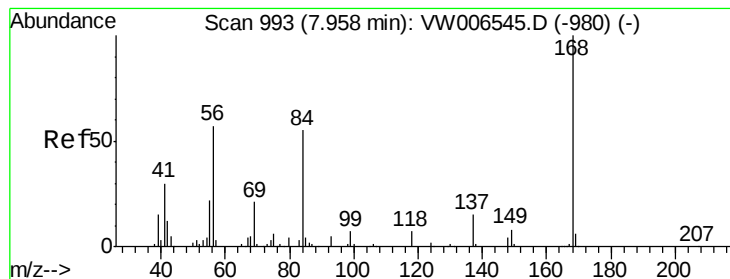
50

0

7.50 7.55 7.60

Time-->





#31

Cyclohexane

Concen: 1.261 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

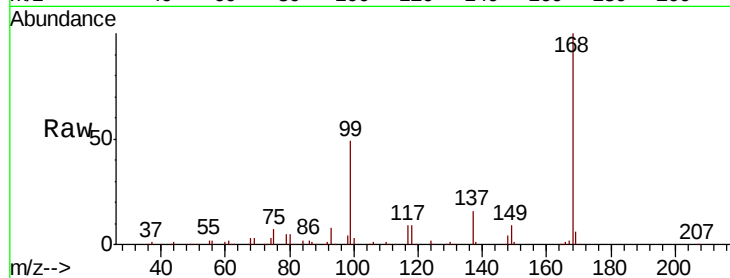
Lab File: VW006586.D

Acq: 02 Nov 2018 04:36

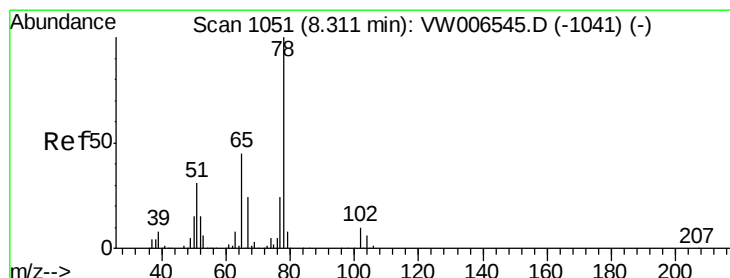
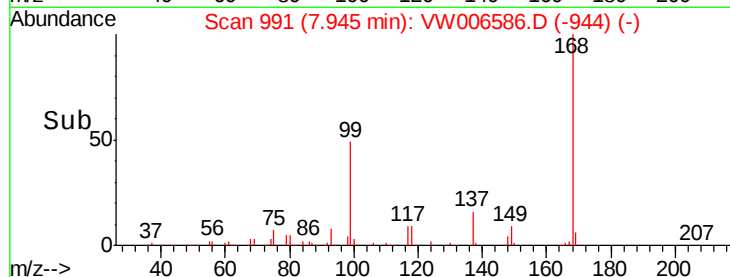
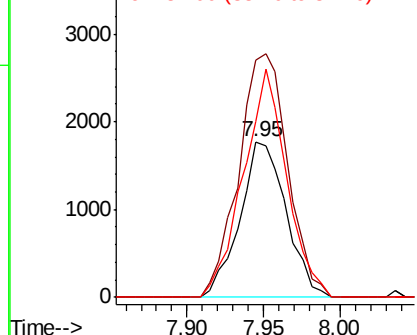
Instrument :
MSVOA_W
ClientSampleId :
TR-04-103018-ARE

Tgt Ion: 56 Resp: 3713

Ion	Ratio	Lower	Upper
56	100		
69	152.2	29.0	43.4#
84	113.1	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: 51.250 ug/l

RT: 8.31 min Scan# 1051

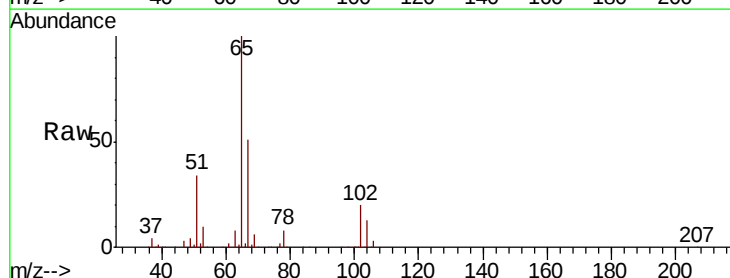
Delta R.T. -0.00 min

Lab File: VW006586.D

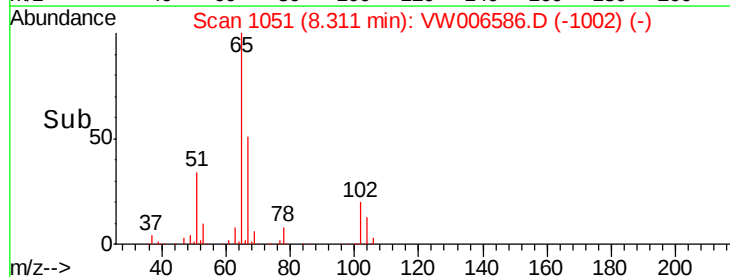
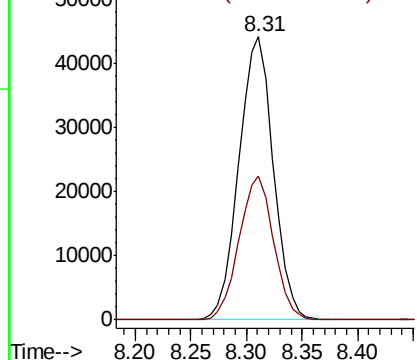
Acq: 02 Nov 2018 04:36

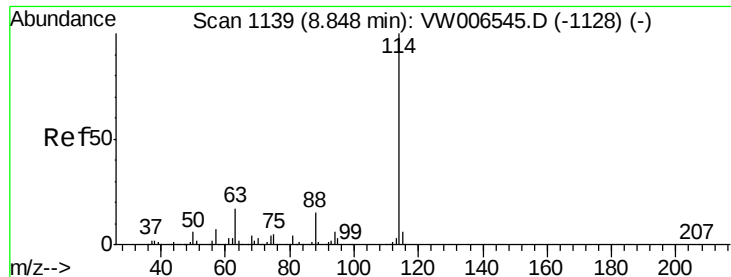
Tgt Ion: 65 Resp: 94771

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	104.4



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

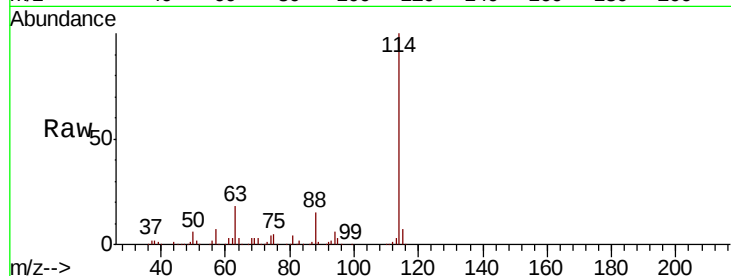




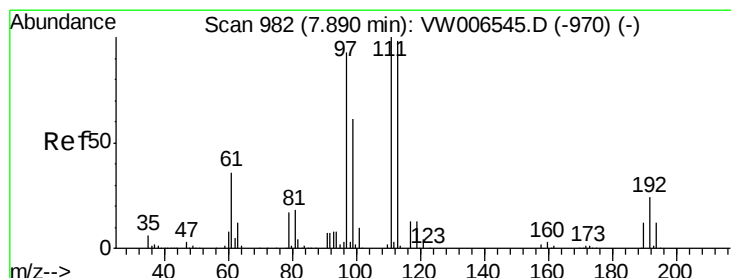
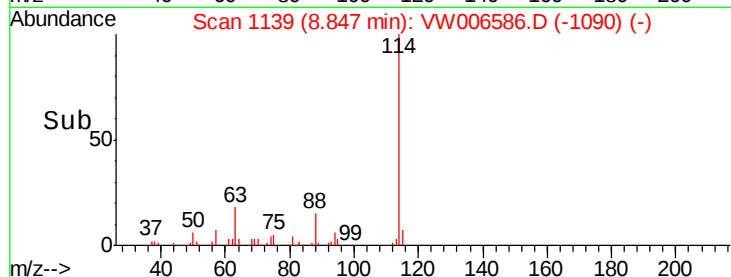
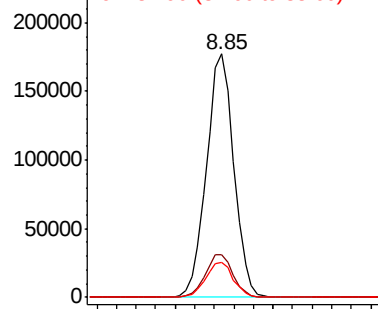
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006586.D
 Acq: 02 Nov 2018 04:36

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-04-103018-ARE

Tgt Ion:114 Resp: 343780
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 34.4
 88 14.6 0.0 29.0

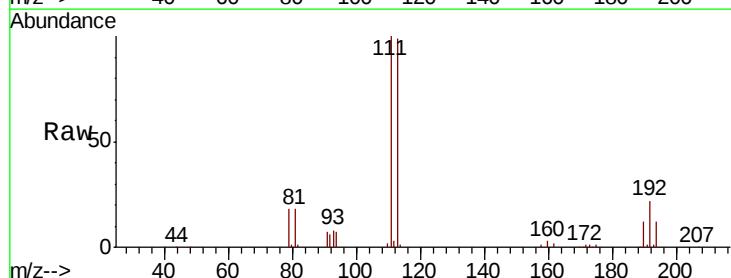


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

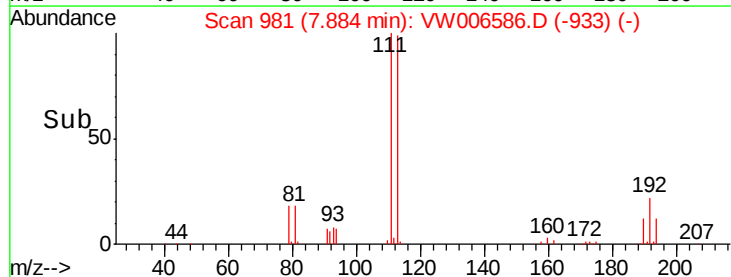
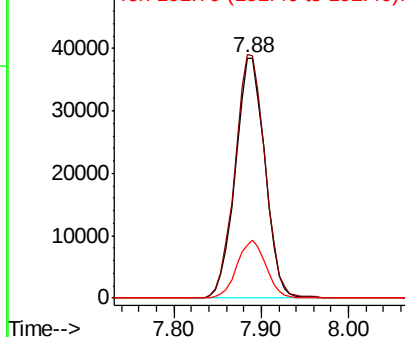


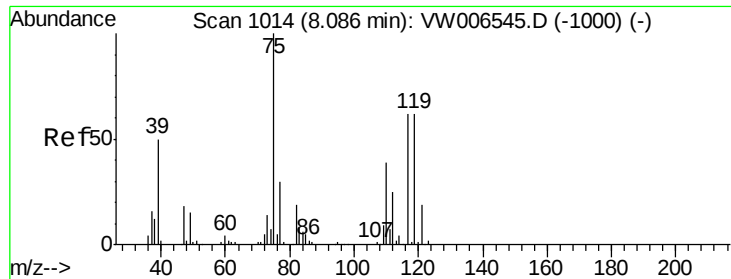
#35
 Dibromofluoromethane
 Concen: 41.936 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006586.D
 Acq: 02 Nov 2018 04:36

Tgt Ion:113 Resp: 90477
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.2 123.2
 192 23.7 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

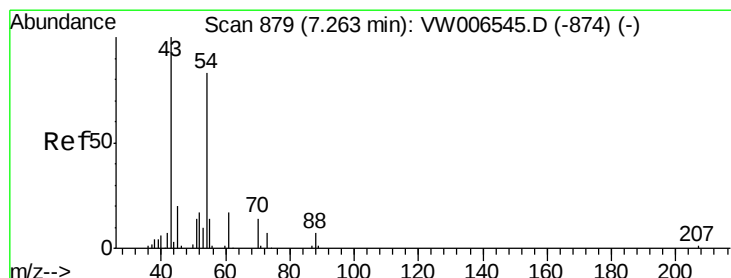
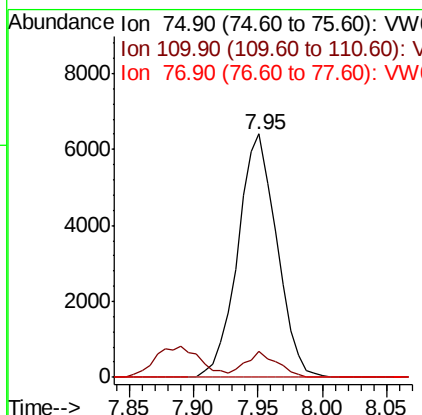
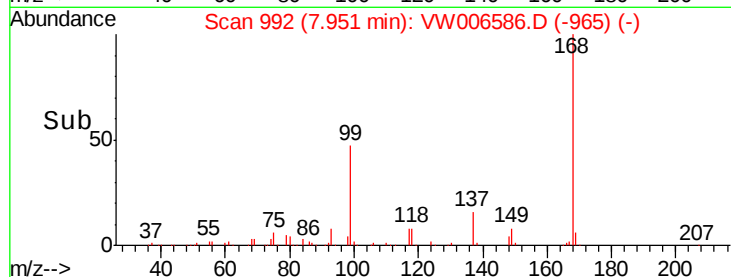
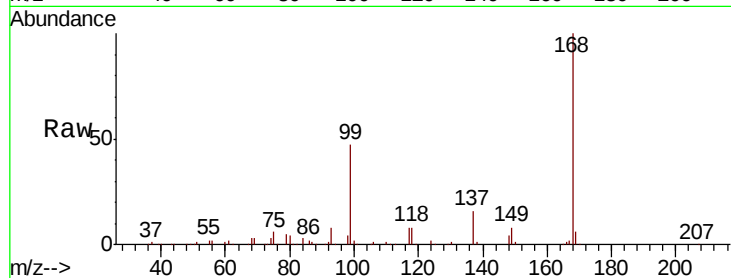




#36
 1,1-Dichloropropene
 Concen: 4.438 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006586.D
 Acq: 02 Nov 2018 04:36

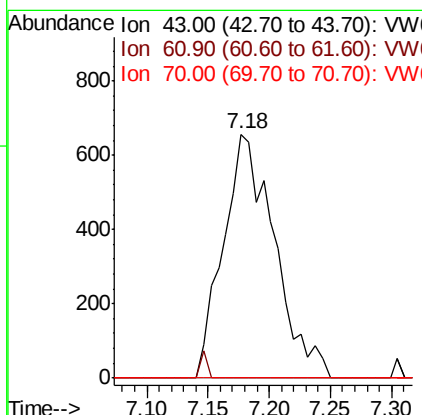
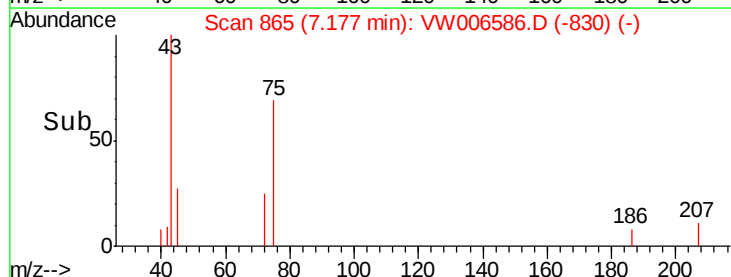
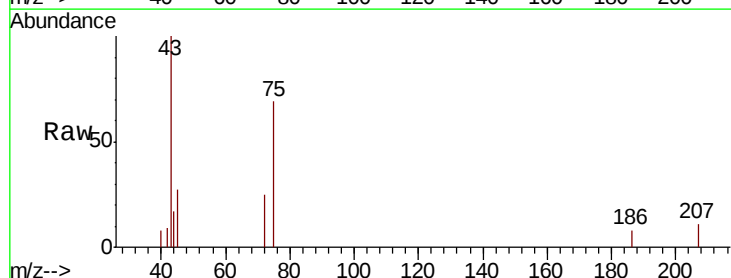
Instrument :
 MSVOA_W
 ClientSampleId :
 TR-04-103018-ARE

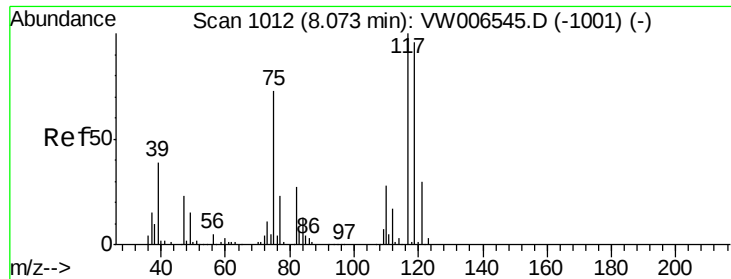
Tgt Ion: 75 Resp: 13417
 Ion Ratio Lower Upper
 75 100
 110 8.6 19.5 58.5#
 77 0.0 24.6 37.0#



#37
 Ethyl Acetate
 Concen: 1.820 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.09 min
 Lab File: VW006586.D
 Acq: 02 Nov 2018 04:36

Tgt Ion: 43 Resp: 1907
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.1 18.1#
 70 0.0 9.8 14.6#

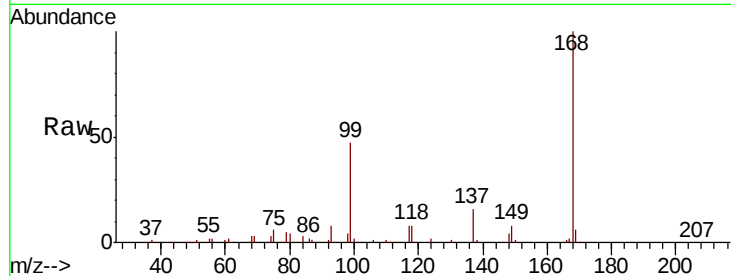




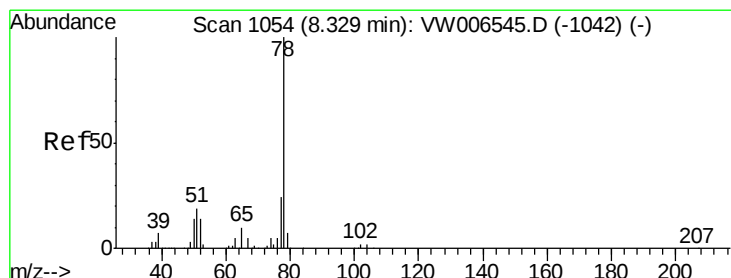
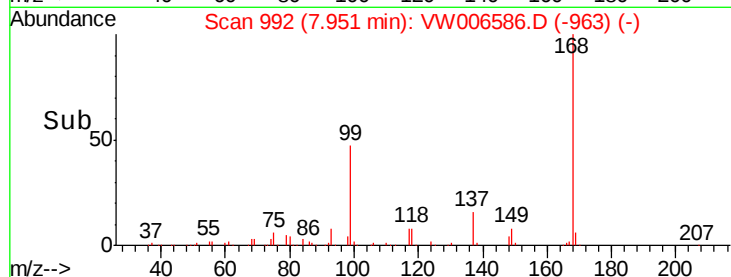
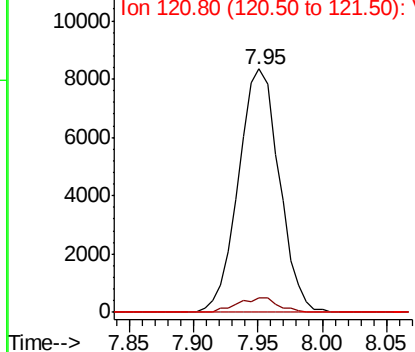
#38
Carbon Tetrachloride
Concen: 5.799 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006586.D
Acq: 02 Nov 2018 04:36

Instrument :
MSVOA_W
ClientSampleId :
TR-04-103018-ARE

Tgt Ion:117 Resp: 18319
Ion Ratio Lower Upper
117 100
119 5.9 76.3 114.5#
121 0.0 24.1 36.1#

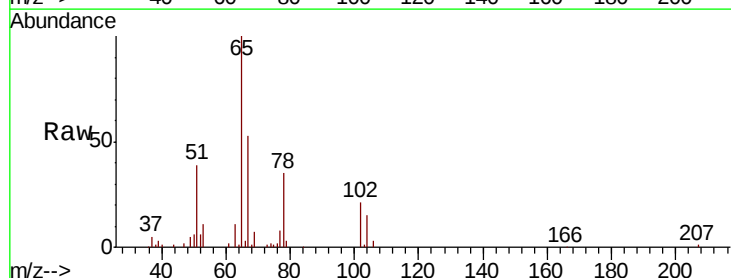


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

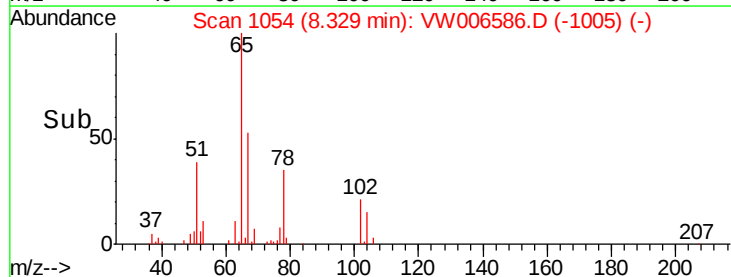
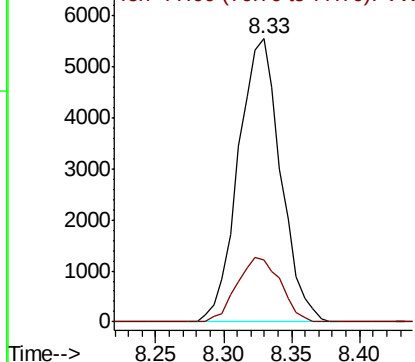


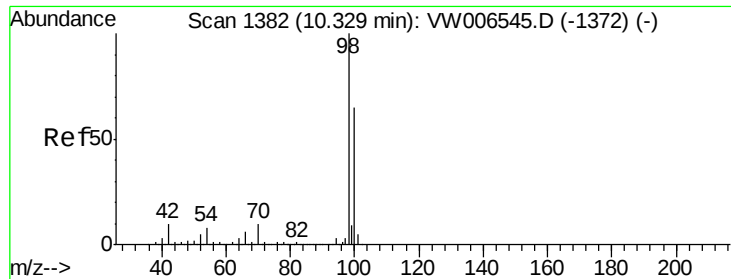
#40
Benzene
Concen: 1.409 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006586.D
Acq: 02 Nov 2018 04:36

Tgt Ion: 78 Resp: 12098
Ion Ratio Lower Upper
78 100
77 21.8 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW





#50

Toluene-d8

Concen: 29.281 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006586.D

Acq: 02 Nov 2018 04:36

Instrument :

MSVOA_W

ClientSampleId :

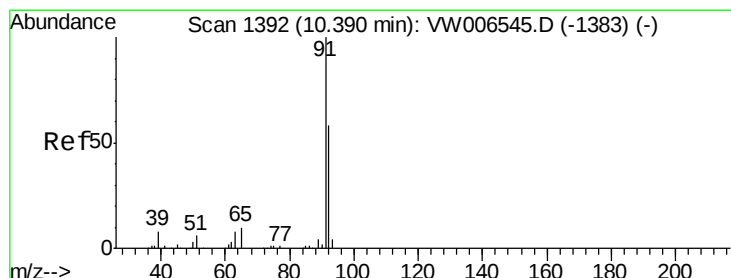
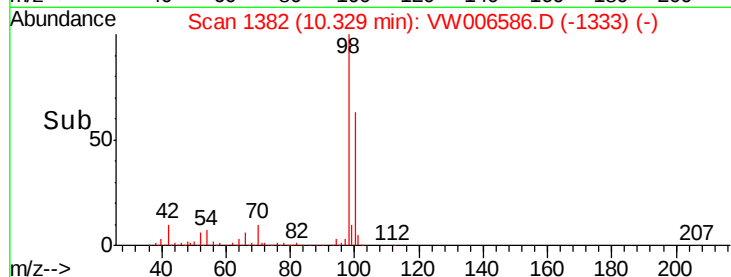
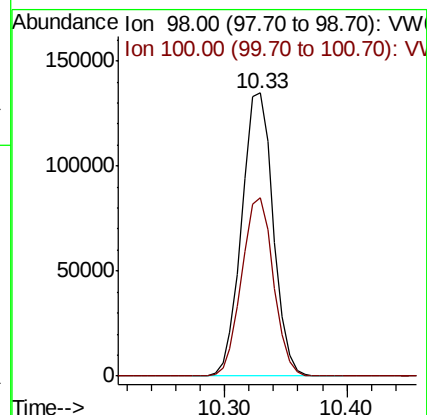
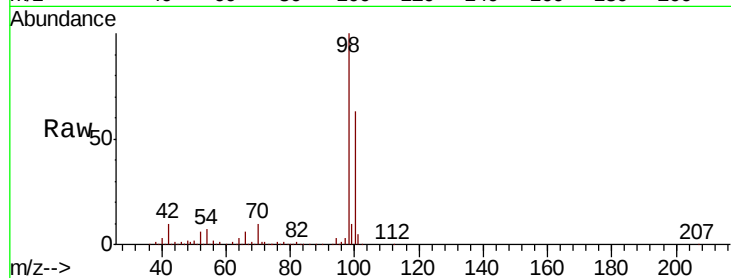
TR-04-103018-ARE

Tgt Ion: 98 Resp: 240488

Ion Ratio Lower Upper

98 100

100 63.5 51.6 77.4



#52

Toluene

Concen: 12.643 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006586.D

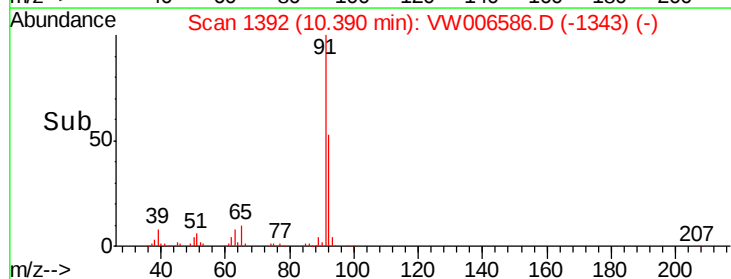
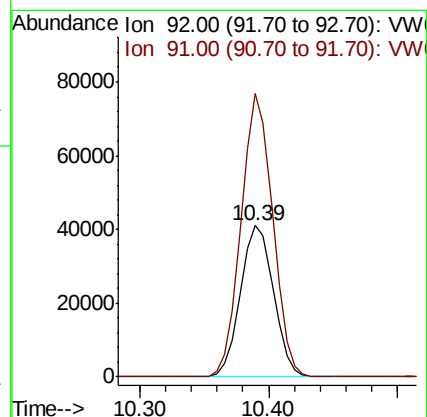
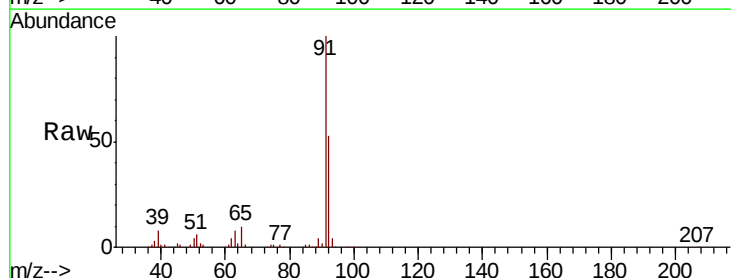
Acq: 02 Nov 2018 04:36

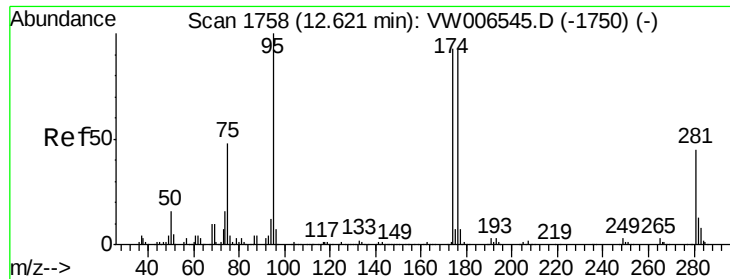
Tgt Ion: 92 Resp: 72818

Ion Ratio Lower Upper

92 100

91 179.7 138.6 208.0

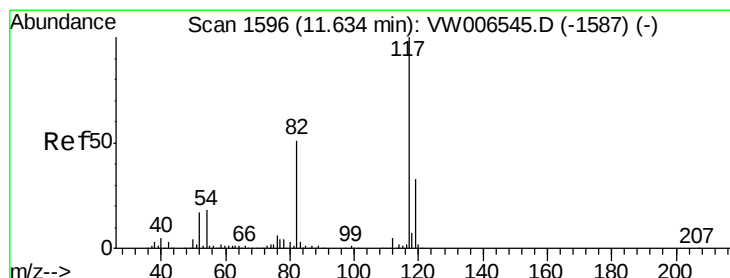
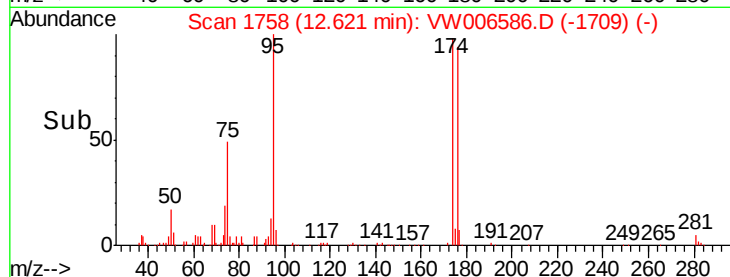
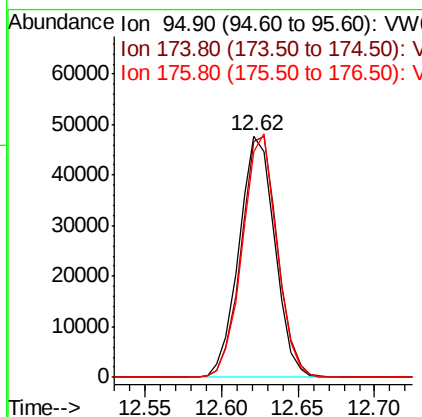
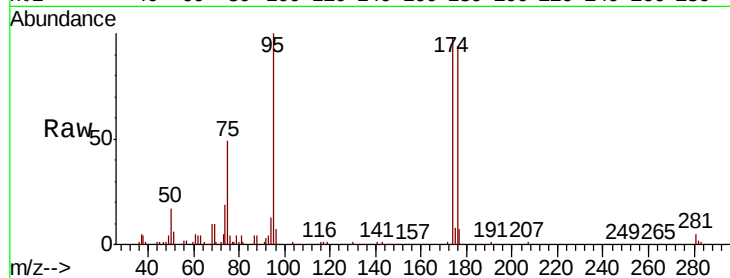




#62
4-Bromofluorobenzene
Concen: 25.977 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006586.D
Acq: 02 Nov 2018 04:36

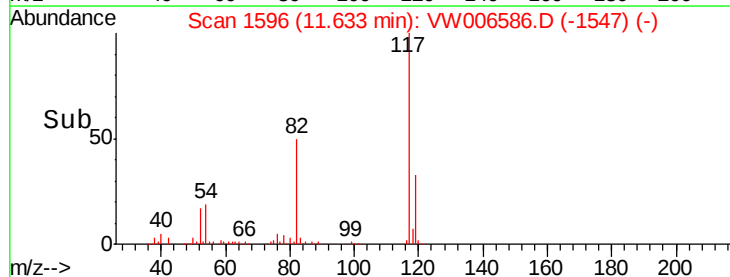
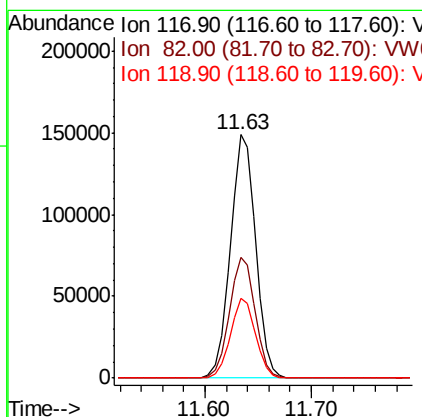
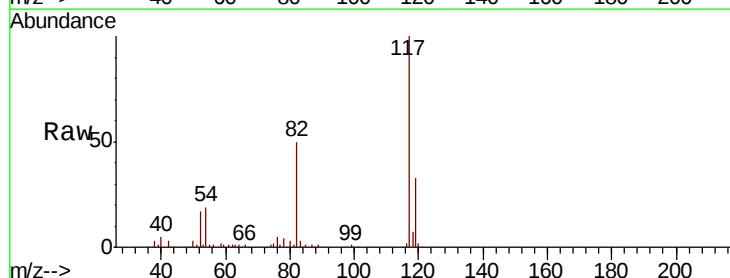
Instrument :
MSVOA_W
ClientSampleId :
TR-04-103018-ARE

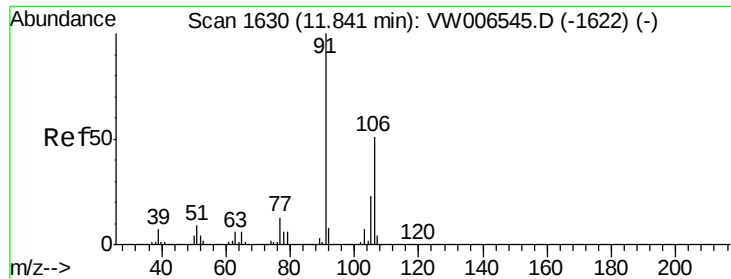
Tgt Ion: 95 Resp: 77349
Ion Ratio Lower Upper
95 100
174 100.9 0.0 192.4
176 97.2 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006586.D
Acq: 02 Nov 2018 04:36

Tgt Ion: 117 Resp: 247750
Ion Ratio Lower Upper
117 100
82 49.5 40.8 61.2
119 32.9 26.1 39.1

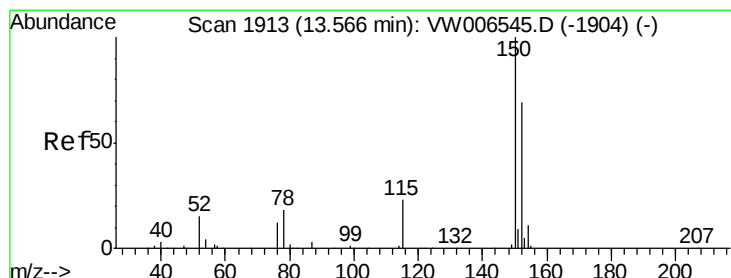
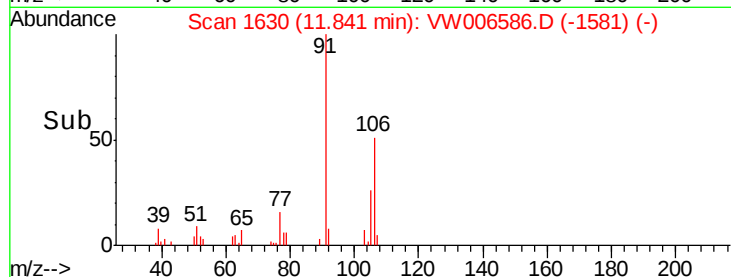
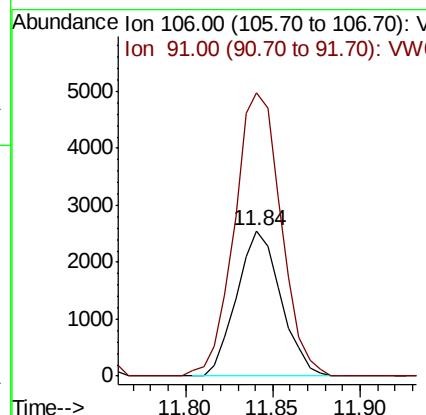
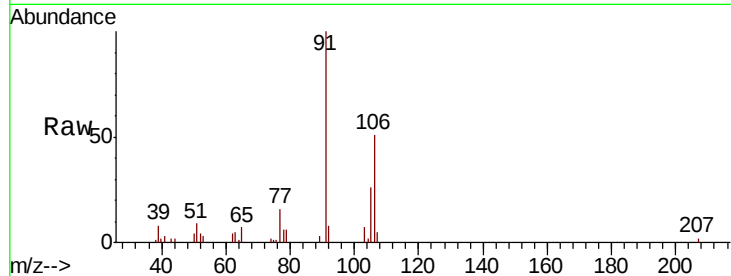




#68
m/p-Xylenes
Concen: 1.292 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006586.D
Acq: 02 Nov 2018 04:36

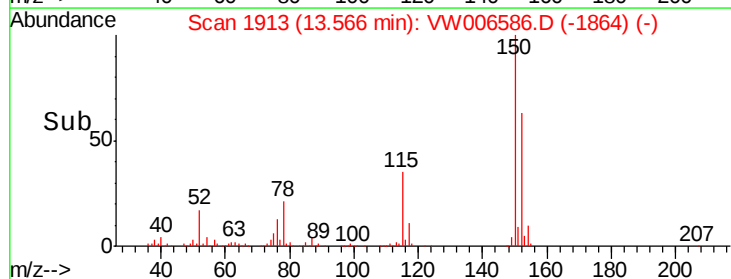
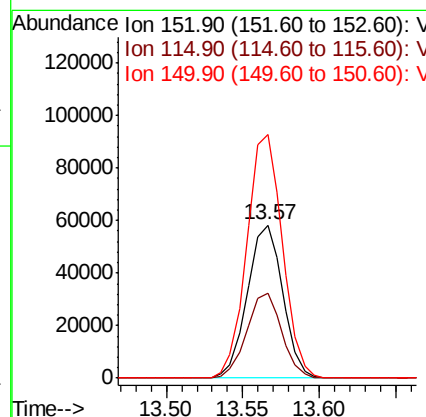
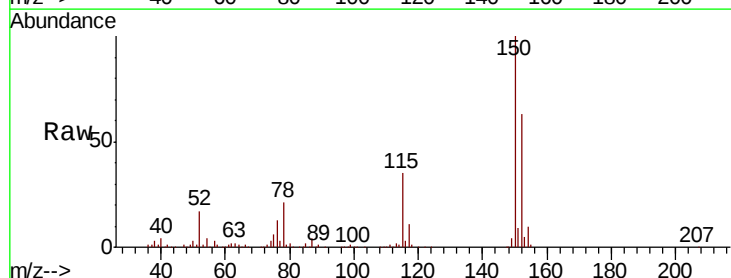
Instrument :
MSVOA_W
ClientSampleId :
TR-04-103018-ARE

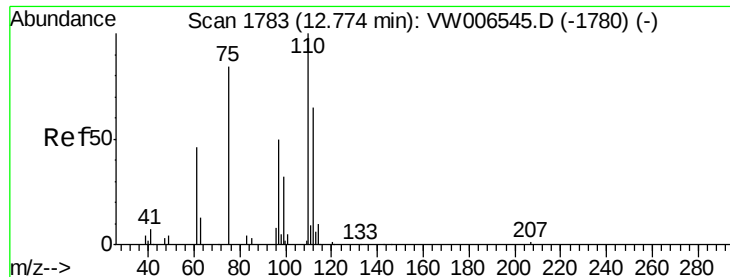
Tgt Ion:106 Resp: 4498
Ion Ratio Lower Upper
106 100
91 205.5 156.7 235.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006586.D
Acq: 02 Nov 2018 04:36

Tgt Ion:152 Resp: 94073
Ion Ratio Lower Upper
152 100
115 54.6 26.6 79.8
150 159.3 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 53.586 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006586.D

Acq: 02 Nov 2018 04:36

Instrument :

MSVOA_W

ClientSampleId :

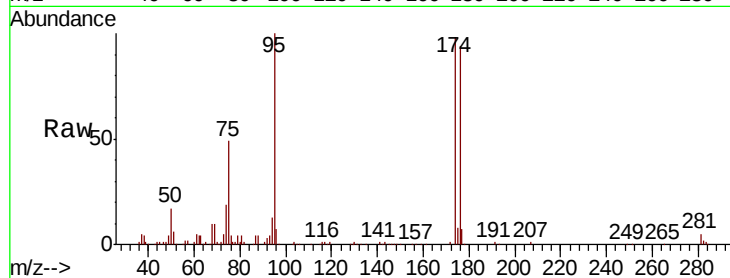
TR-04-103018-ARE

Tgt Ion: 75 Resp: 39331

Ion Ratio Lower Upper

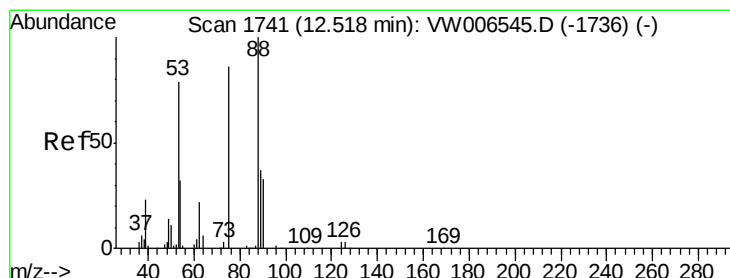
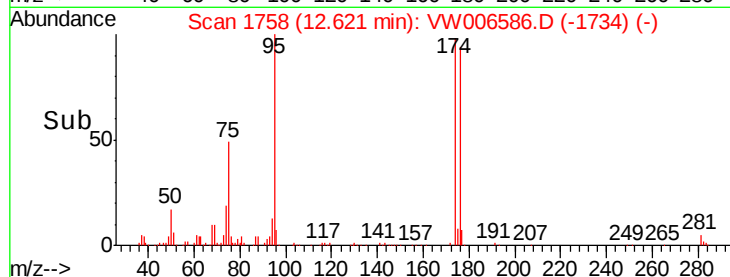
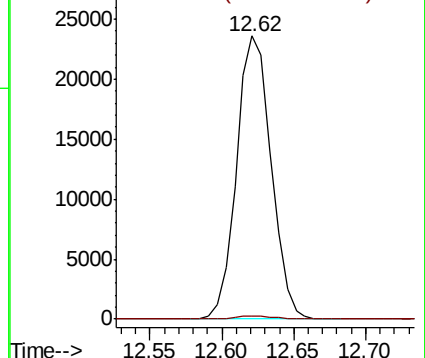
75 100

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: 134.048 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006586.D

Acq: 02 Nov 2018 04:36

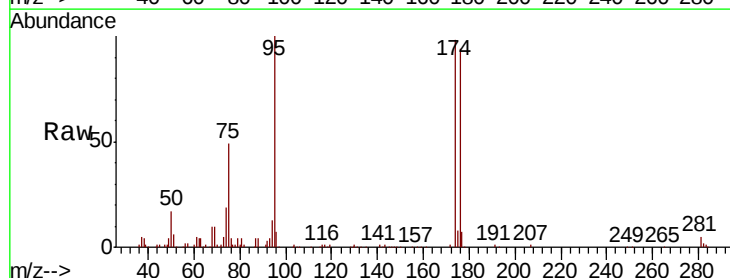
Tgt Ion: 75 Resp: 39331

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 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

