

Data File : VW006013.D
Acq On : 11 Oct 2018 03:43
Operator : SY/AP
Sample : J5287-07RE
Misc : 7.16G/5ML/MSVOA_W/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TRACK-D-5RE

Quant Time: Oct 11 05:42:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	90191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	143084	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	125870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	63945	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	47767	54.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.12%	
35) Dibromofluoromethane	7.88	113	43435	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	
50) Toluene-d8	10.33	98	163573	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	
62) 4-Bromofluorobenzene	12.62	95	57701	43.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.30%	

Target Compounds

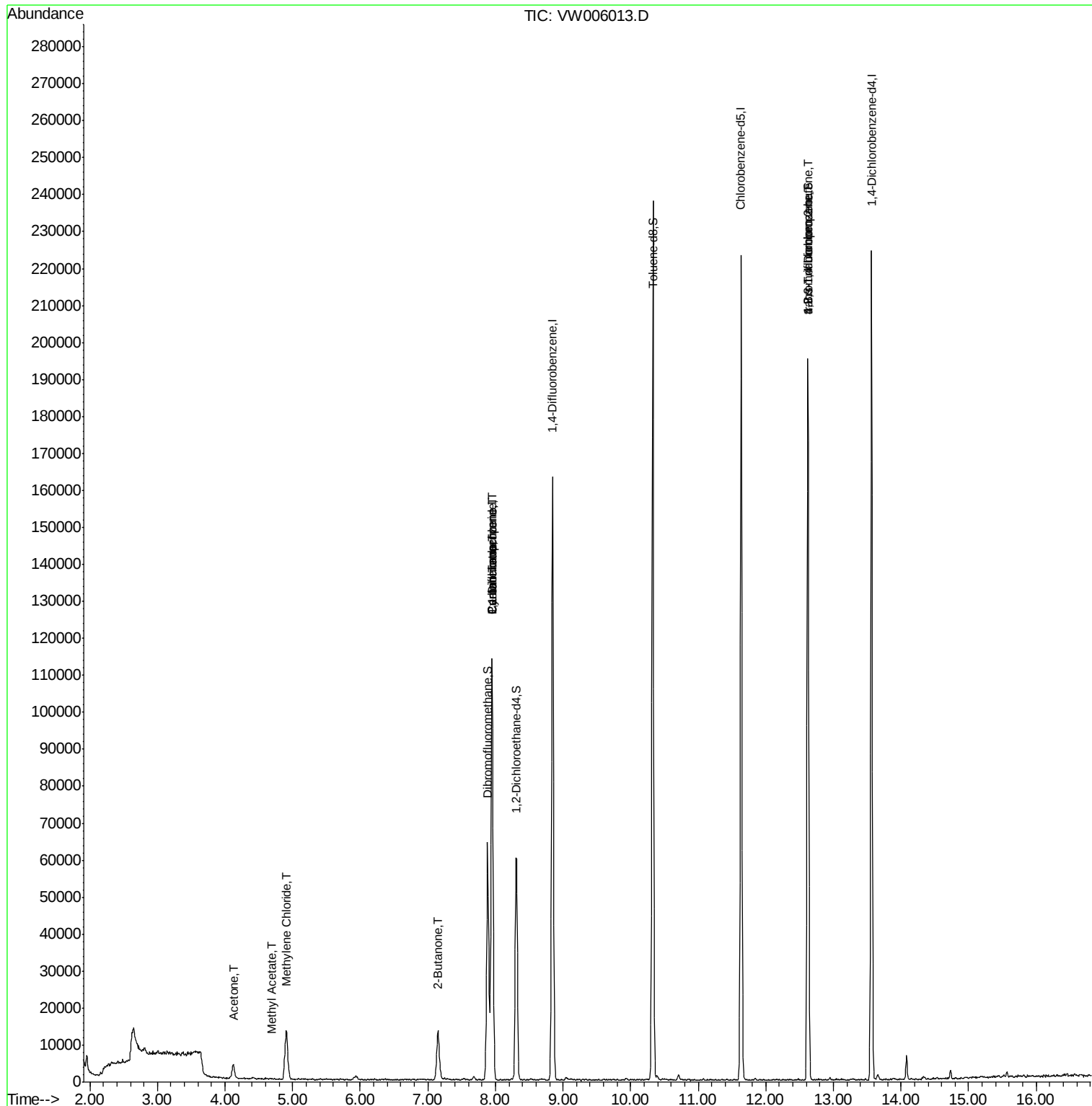
						Qvalue
16) Acetone	4.12	43	6429	36.761	ug/l	99
18) Methyl Acetate	4.69	43	592	1.341	ug/l #	51
20) Methylene Chloride	4.91	84	9774	11.155	ug/l	93
25) 2-Butanone	7.14	43	1194	4.800	ug/l #	49
31) Cyclohexane	7.95	56	1859	1.213	ug/l #	50
36) 1,1-Dichloropropene	7.95	75	6057	4.418	ug/l #	49
38) Carbon Tetrachloride	7.95	117	8229	5.587	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	29313	51.318	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	29313	108.338	ug/l #	11

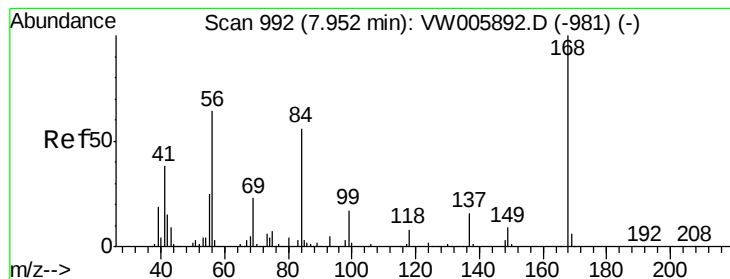
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006013.D

Acq: 11 Oct 2018 03:43

Instrument :

MSVOA_W

ClientSampleId :

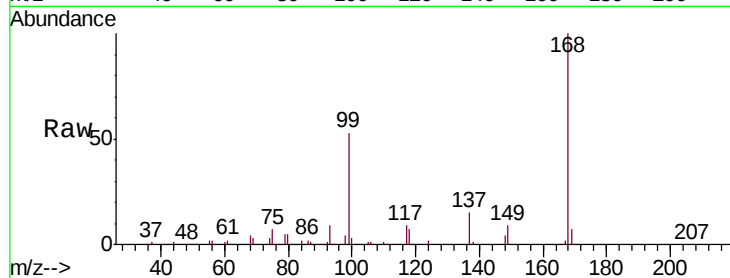
TRACK-D-5RE

Tgt Ion:168 Resp: 90191

Ion Ratio Lower Upper

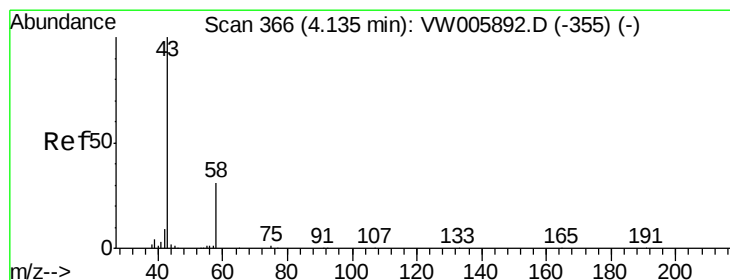
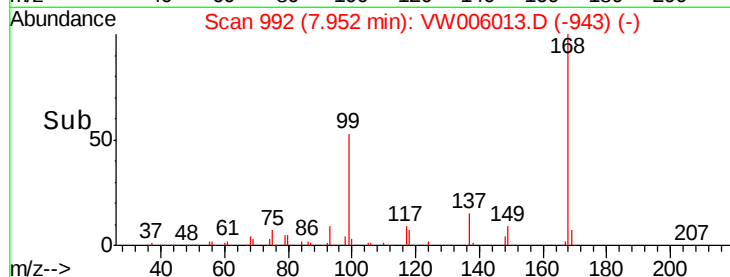
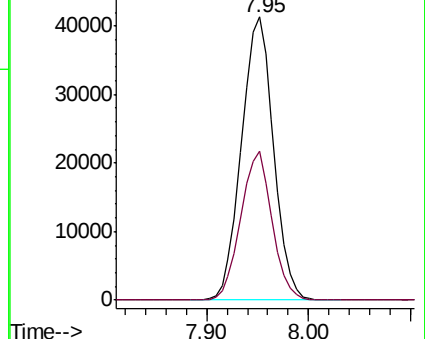
168 100

99 52.8 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 36.761 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW006013.D

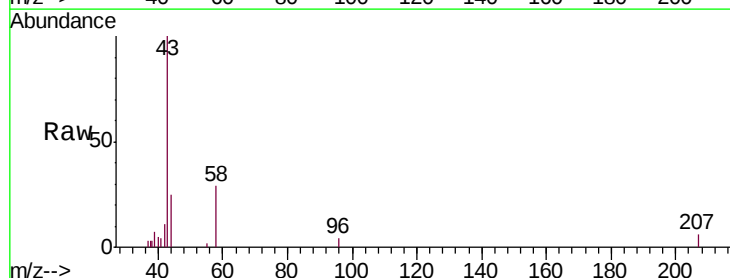
Acq: 11 Oct 2018 03:43

Tgt Ion: 43 Resp: 6429

Ion Ratio Lower Upper

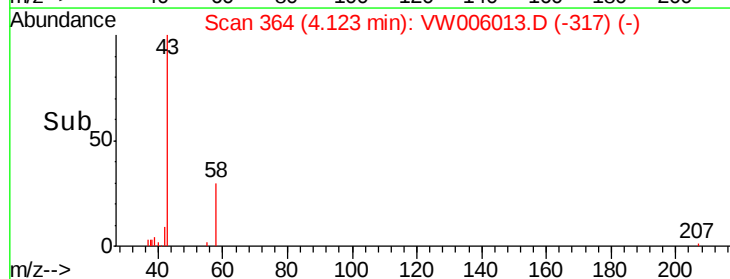
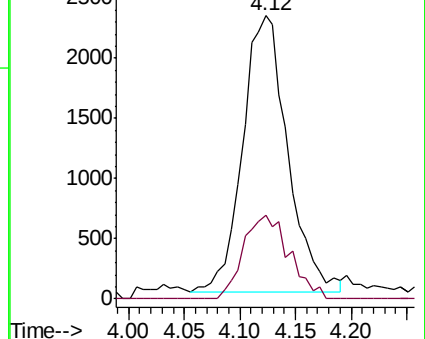
43 100

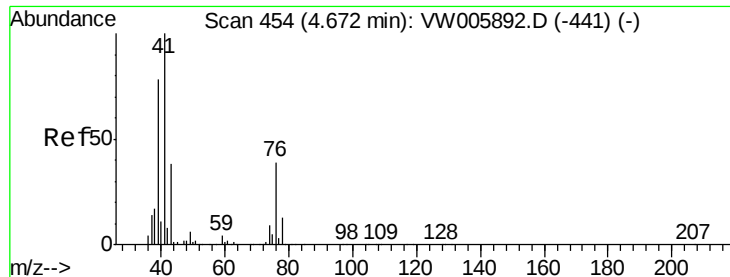
58 30.3 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

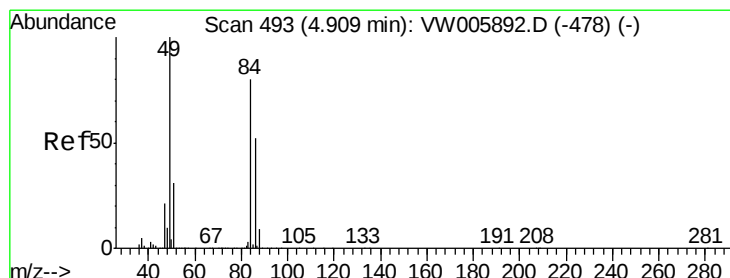
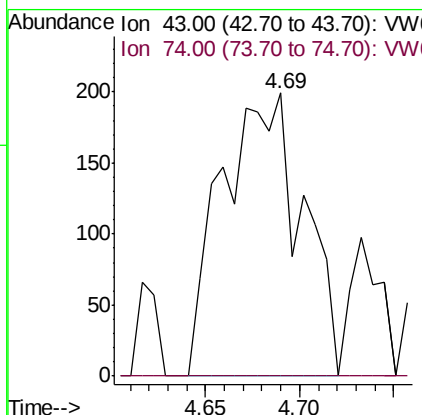
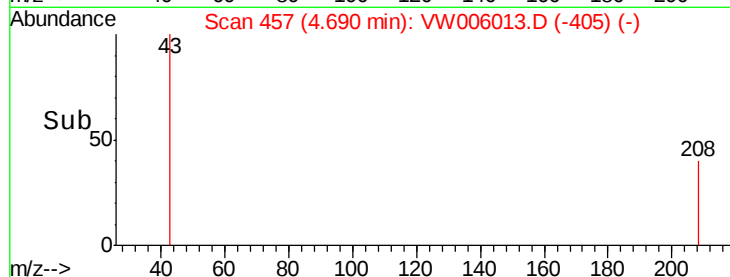
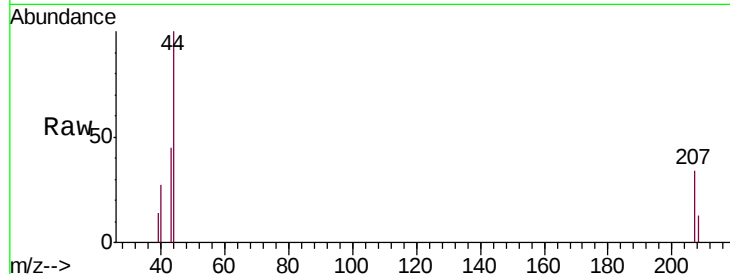




#18
Methyl Acetate
Concen: 1.341 ug/l
RT: 4.69 min Scan# 457
Delta R.T. 0.02 min
Lab File: VW006013.D
Acq: 11 Oct 2018 03:43

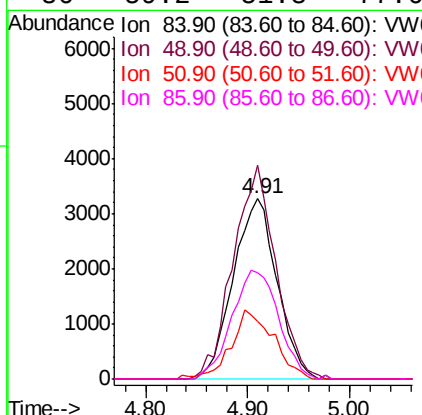
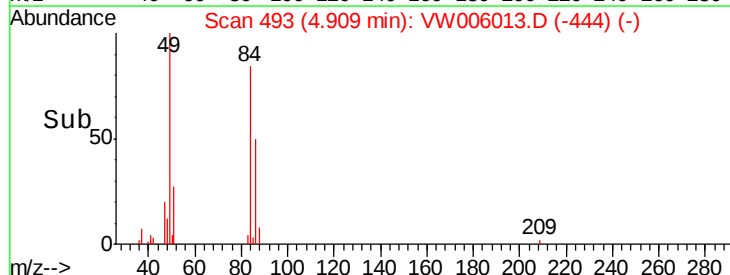
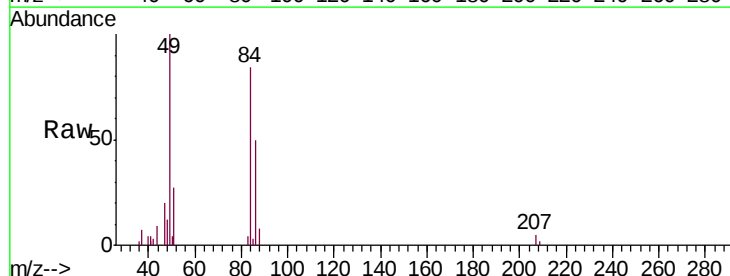
Instrument :
MSVOA_W
ClientSampleId :
TRACK-D-5RE

Tgt Ion: 43 Resp: 592
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#20
Methylene Chloride
Concen: 11.155 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW006013.D
Acq: 11 Oct 2018 03:43

Tgt Ion: 84 Resp: 9774
Ion Ratio Lower Upper
84 100
49 118.7 99.9 149.9
51 31.9 31.1 46.7
86 59.2 51.8 77.6

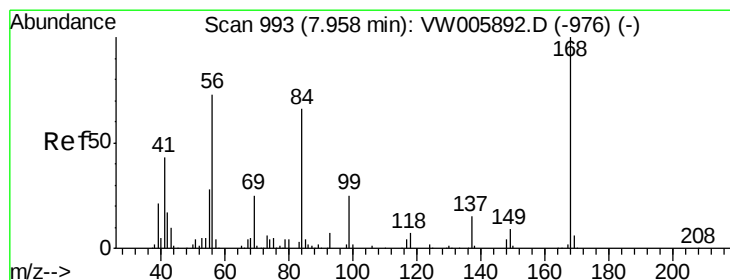
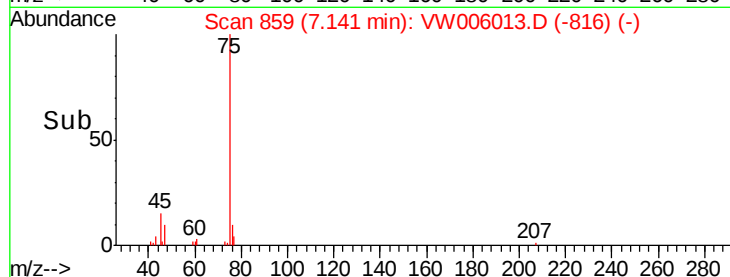
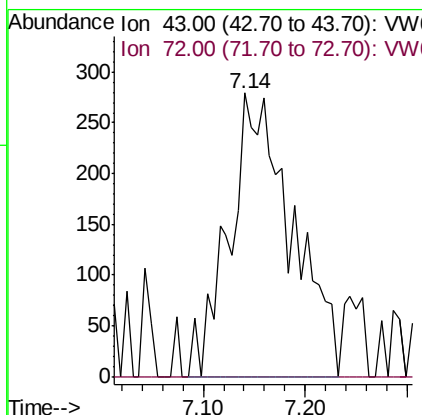
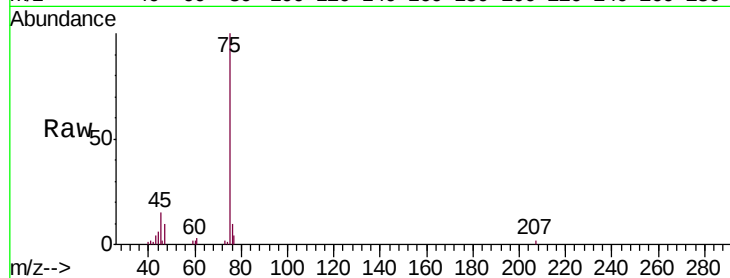




#25
2-Butanone
Concen: 4.800 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.04 min
Lab File: VW006013.D
Acq: 11 Oct 2018 03:43

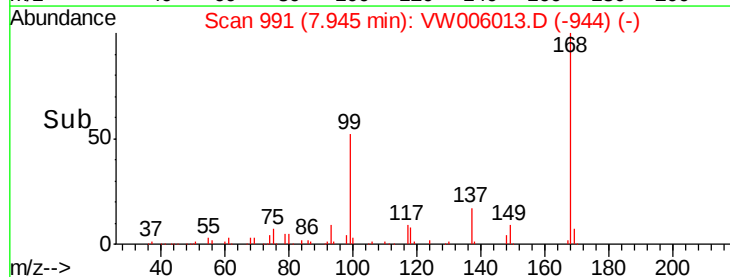
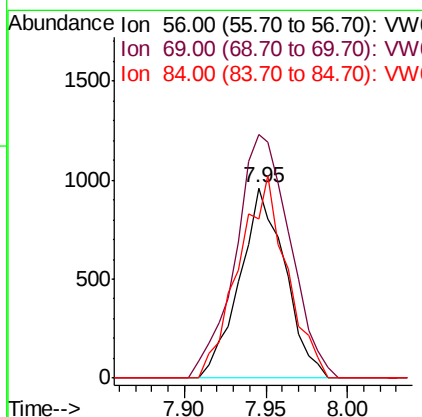
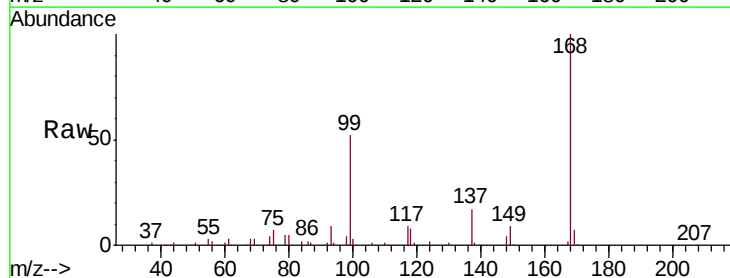
Instrument :
MSVOA_W
ClientSampleId :
TRACK-D-5RE

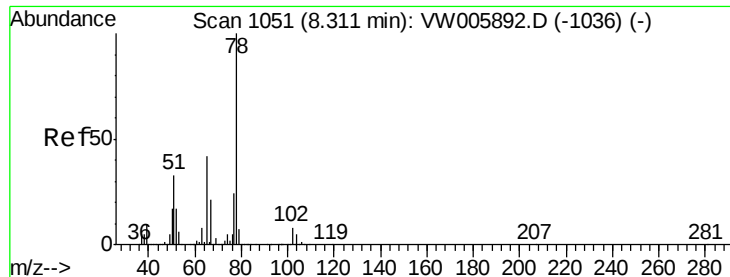
Tgt Ion: 43 Resp: 1194
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



#31
Cyclohexane
Concen: 1.213 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006013.D
Acq: 11 Oct 2018 03:43

Tgt Ion: 56 Resp: 1859
Ion Ratio Lower Upper
56 100
69 128.1 27.9 41.9#
84 84.0 72.3 108.5





#33

1,2-Dichloroethane-d4

Concen: 54.556 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006013.D

Acq: 11 Oct 2018 03:43

Instrument :

MSVOA_W

ClientSampleId :

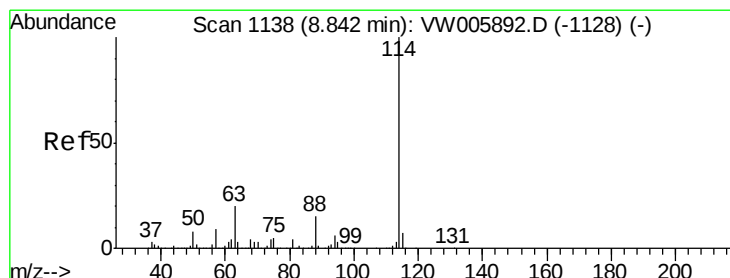
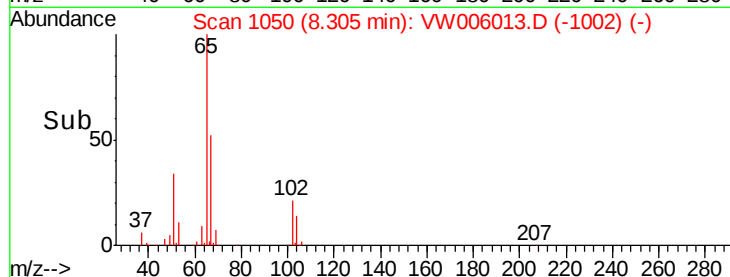
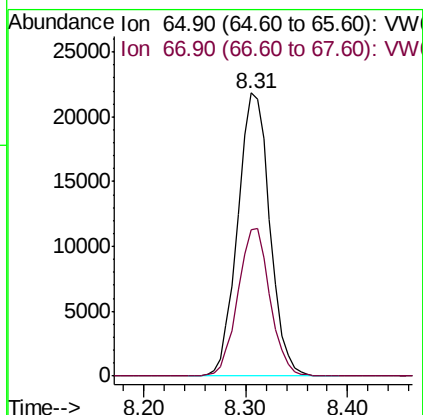
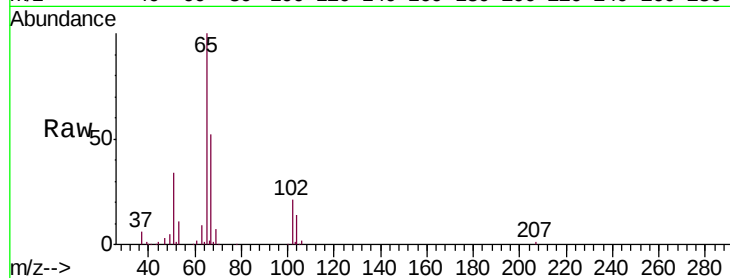
TRACK-D-5RE

Tgt Ion: 65 Resp: 47767

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW006013.D

Acq: 11 Oct 2018 03:43

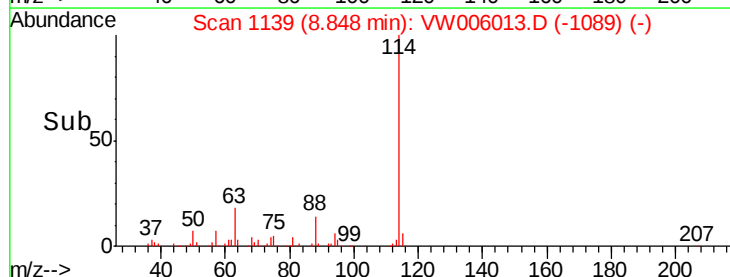
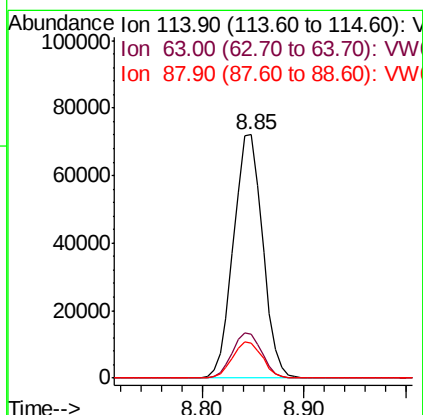
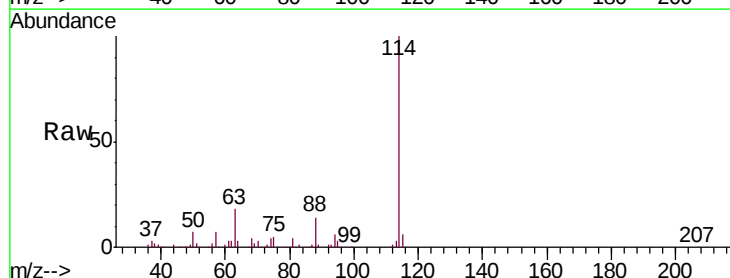
Tgt Ion: 114 Resp: 143084

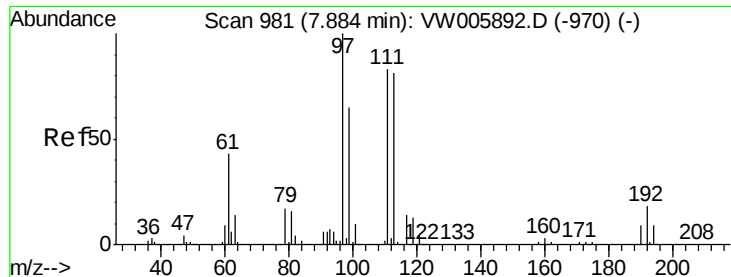
Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.2

88 14.3 0.0 30.8

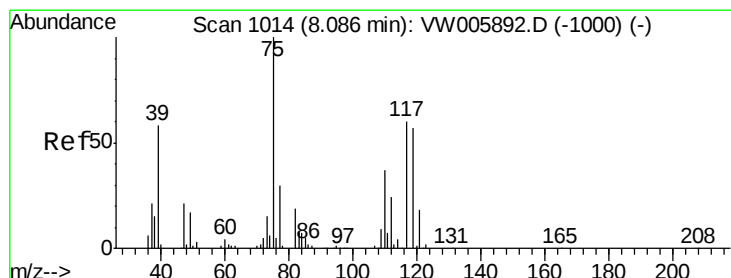
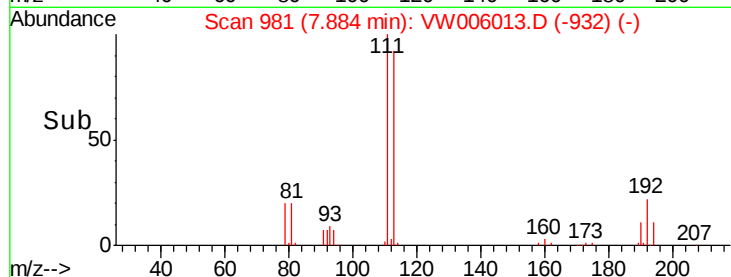
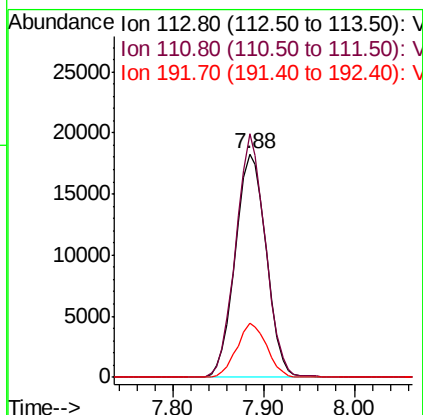
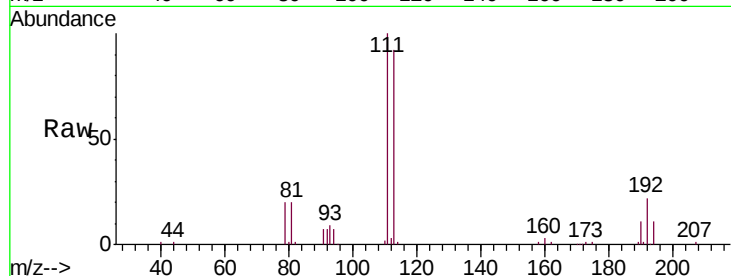




#35
 Dibromofluoromethane
 Concen: 47.546 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW006013.D
 Acq: 11 Oct 2018 03:43

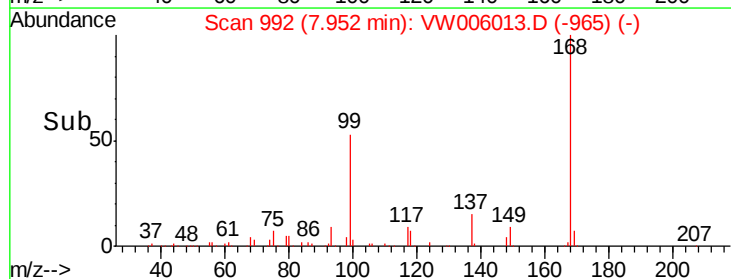
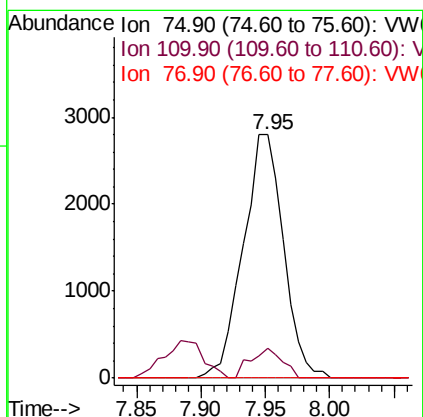
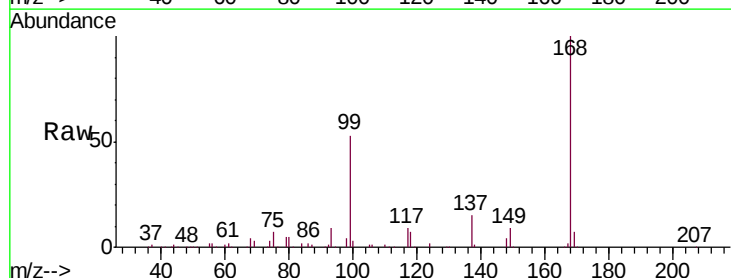
Instrument :
 MSVOA_W
 ClientSampleId :
 TRACK-D-5RE

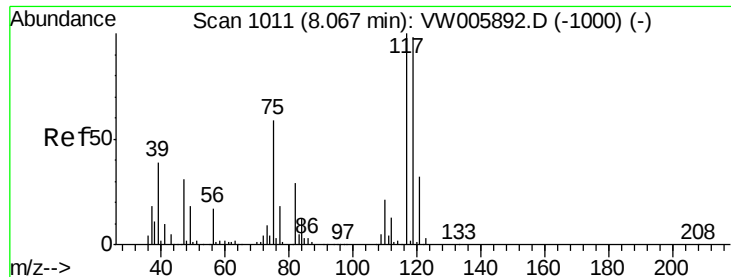
Tgt Ion:113 Resp: 43435
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.0 123.0
 192 23.3 18.3 27.5



#36
 1,1-Dichloropropene
 Concen: 4.418 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006013.D
 Acq: 11 Oct 2018 03:43

Tgt Ion: 75 Resp: 6057
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.6 56.0#
 77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.587 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006013.D

Acq: 11 Oct 2018 03:43

Instrument :

MSVOA_W

ClientSampleId :

TRACK-D-5RE

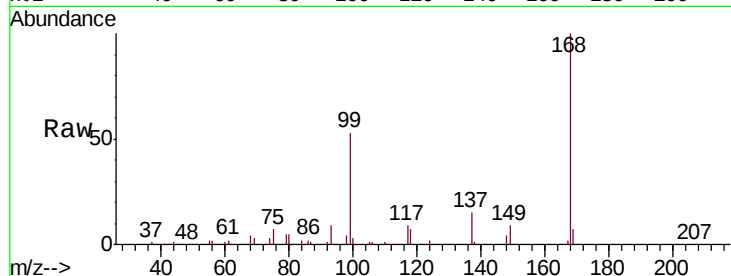
Tgt Ion:117 Resp: 8229

Ion Ratio Lower Upper

117 100

119 4.1 78.6 117.8#

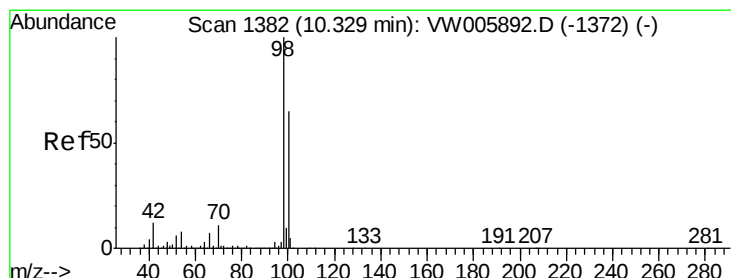
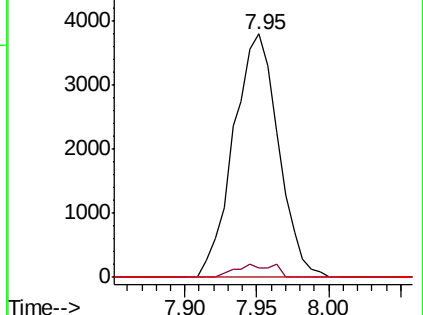
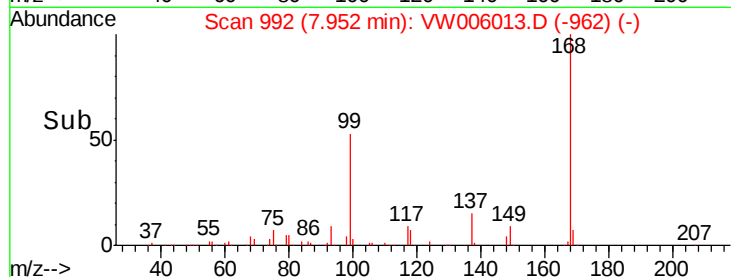
121 0.0 25.3 37.9#



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: 46.539 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006013.D

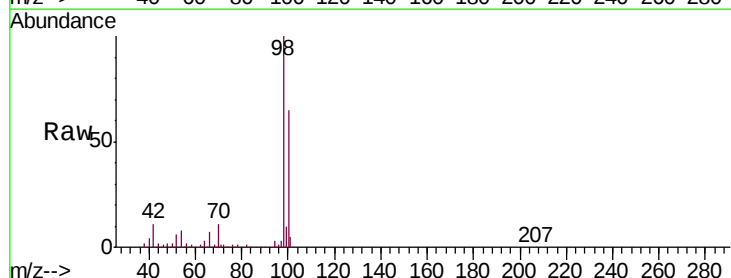
Acq: 11 Oct 2018 03:43

Tgt Ion: 98 Resp: 163573

Ion Ratio Lower Upper

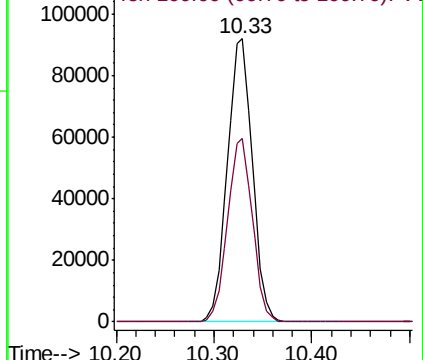
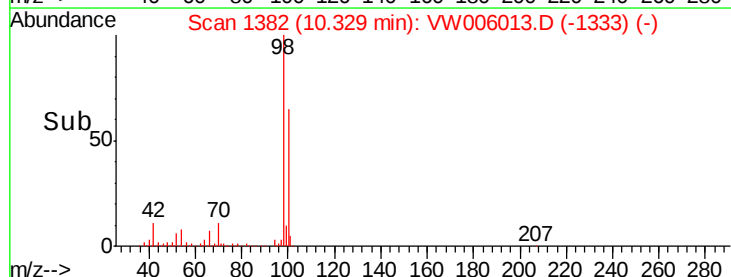
98 100

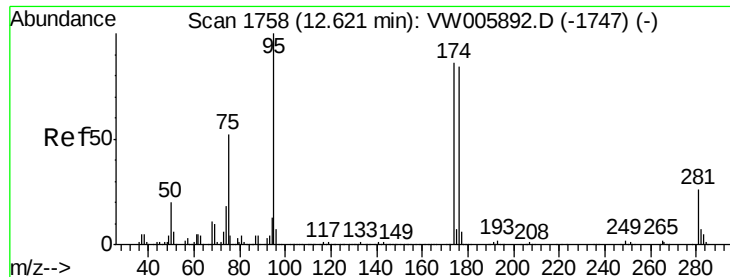
100 64.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

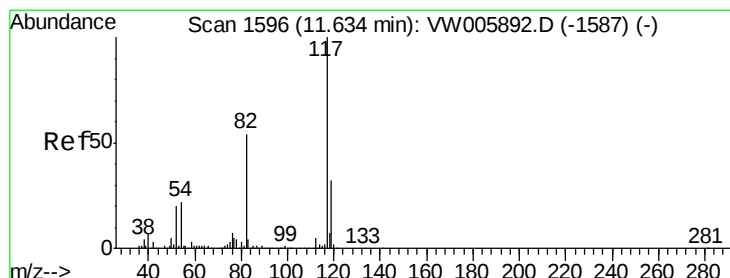
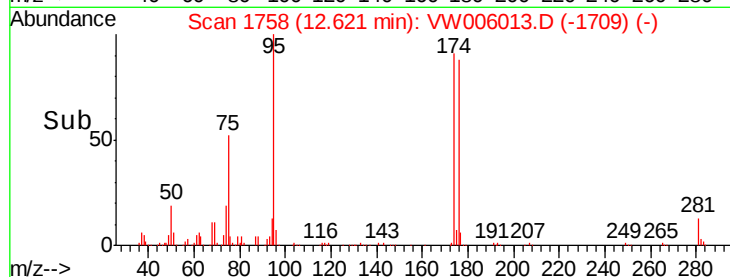
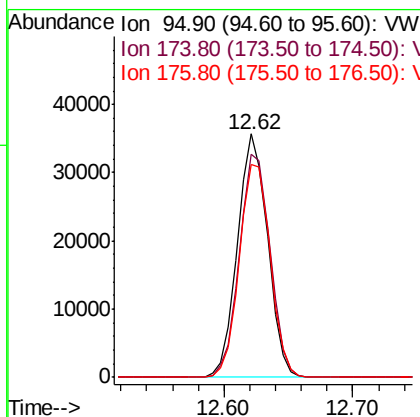
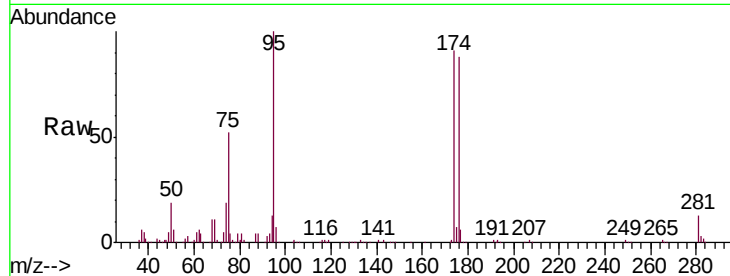




#62
4-Bromofluorobenzene
Concen: 43.150 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006013.D
Acq: 11 Oct 2018 03:43

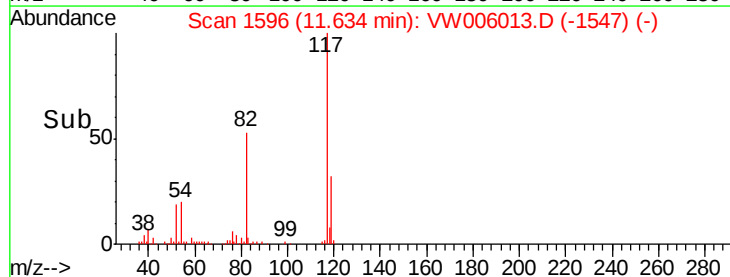
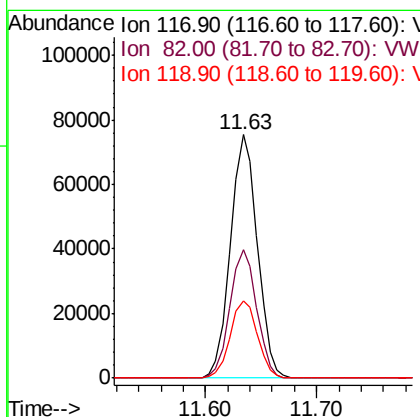
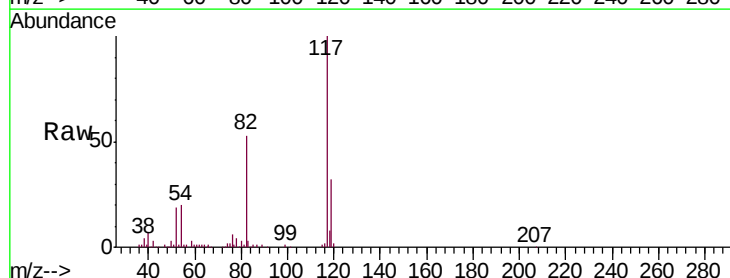
Instrument :
MSVOA_W
ClientSampleId :
TRACK-D-5RE

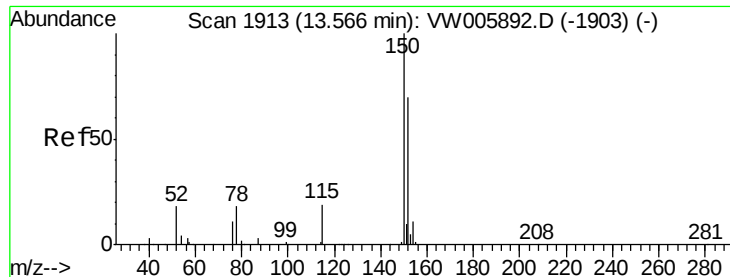
Tgt Ion: 95 Resp: 57701
Ion Ratio Lower Upper
95 100
174 93.5 0.0 176.4
176 90.0 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006013.D
Acq: 11 Oct 2018 03:43

Tgt Ion: 117 Resp: 125870
Ion Ratio Lower Upper
117 100
82 52.7 43.5 65.3
119 31.6 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006013.D

Acq: 11 Oct 2018 03:43

Instrument :

MSVOA_W

ClientSampleId :

TRACK-D-5RE

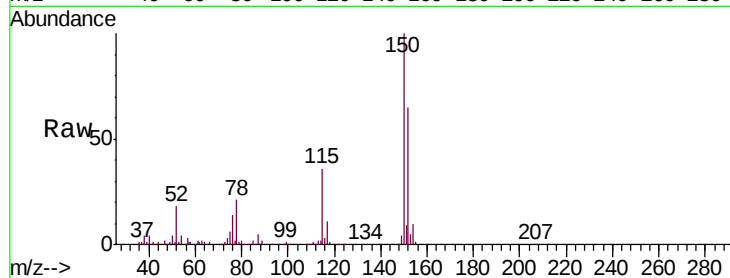
Tgt Ion: 152 Resp: 63945

Ion Ratio Lower Upper

152 100

115 55.3 28.3 85.0

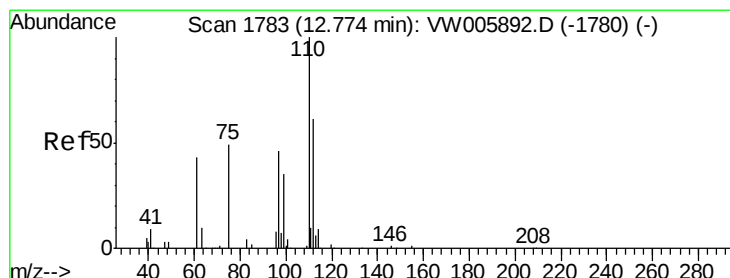
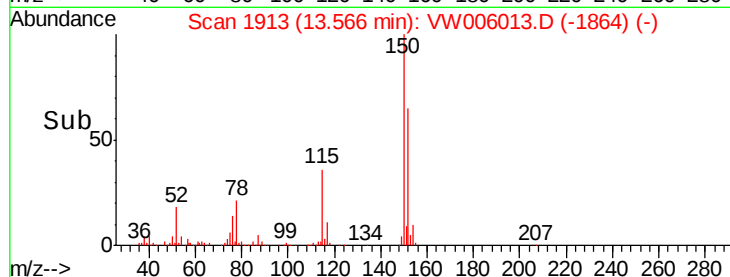
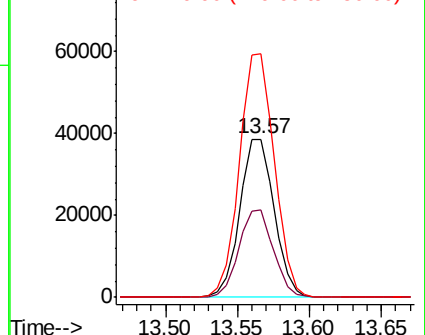
150 156.4 0.0 349.2



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: 51.318 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006013.D

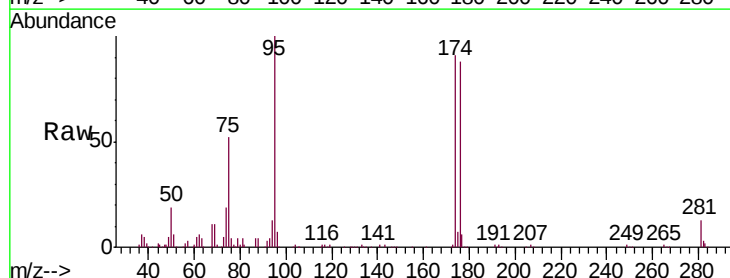
Acq: 11 Oct 2018 03:43

Tgt Ion: 75 Resp: 29313

Ion Ratio Lower Upper

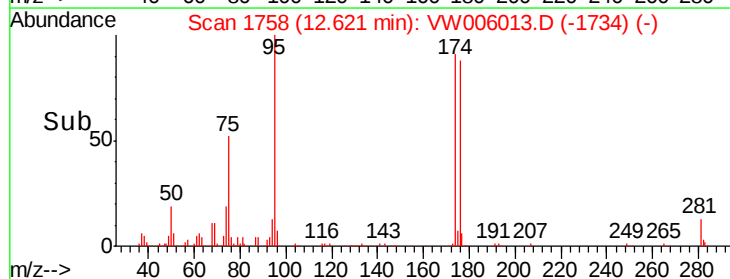
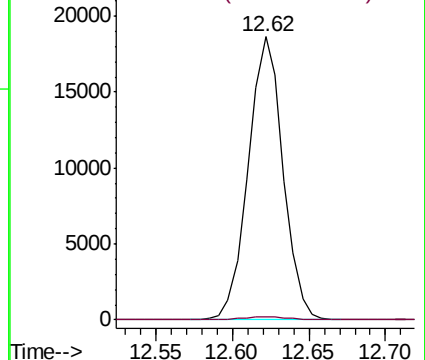
75 100

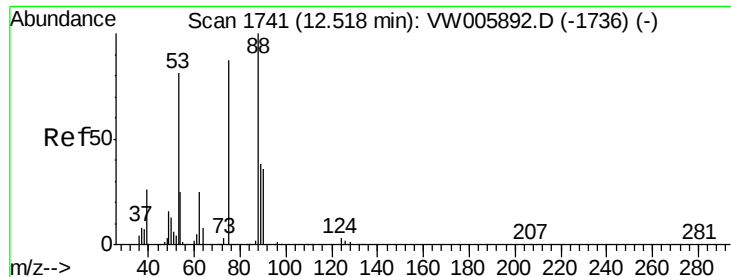
77 1.3 0.0 0.0#



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: 108.338 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006013.D

Acq: 11 Oct 2018 03:43

Instrument :

MSVOA_W

ClientSampleId :

TRACK-D-5RE

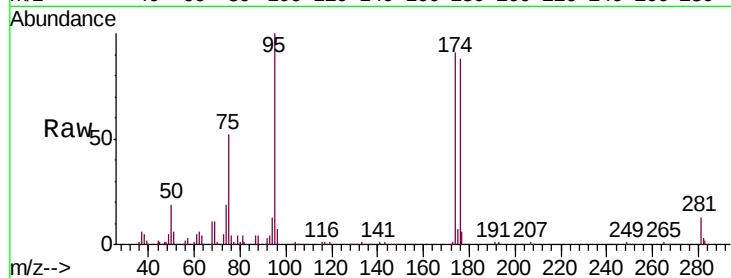
Tgt Ion: 75 Resp: 29313

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.0 37.6 56.4#



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

