

Data File : VW006015.D
Acq On : 11 Oct 2018 04:35
Operator : SY/AP
Sample : J5287-13RE
Misc : 7.06G/5ML/MSVOA_W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TRACK-D-7RE

Quant Time: Oct 11 05:42:58 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

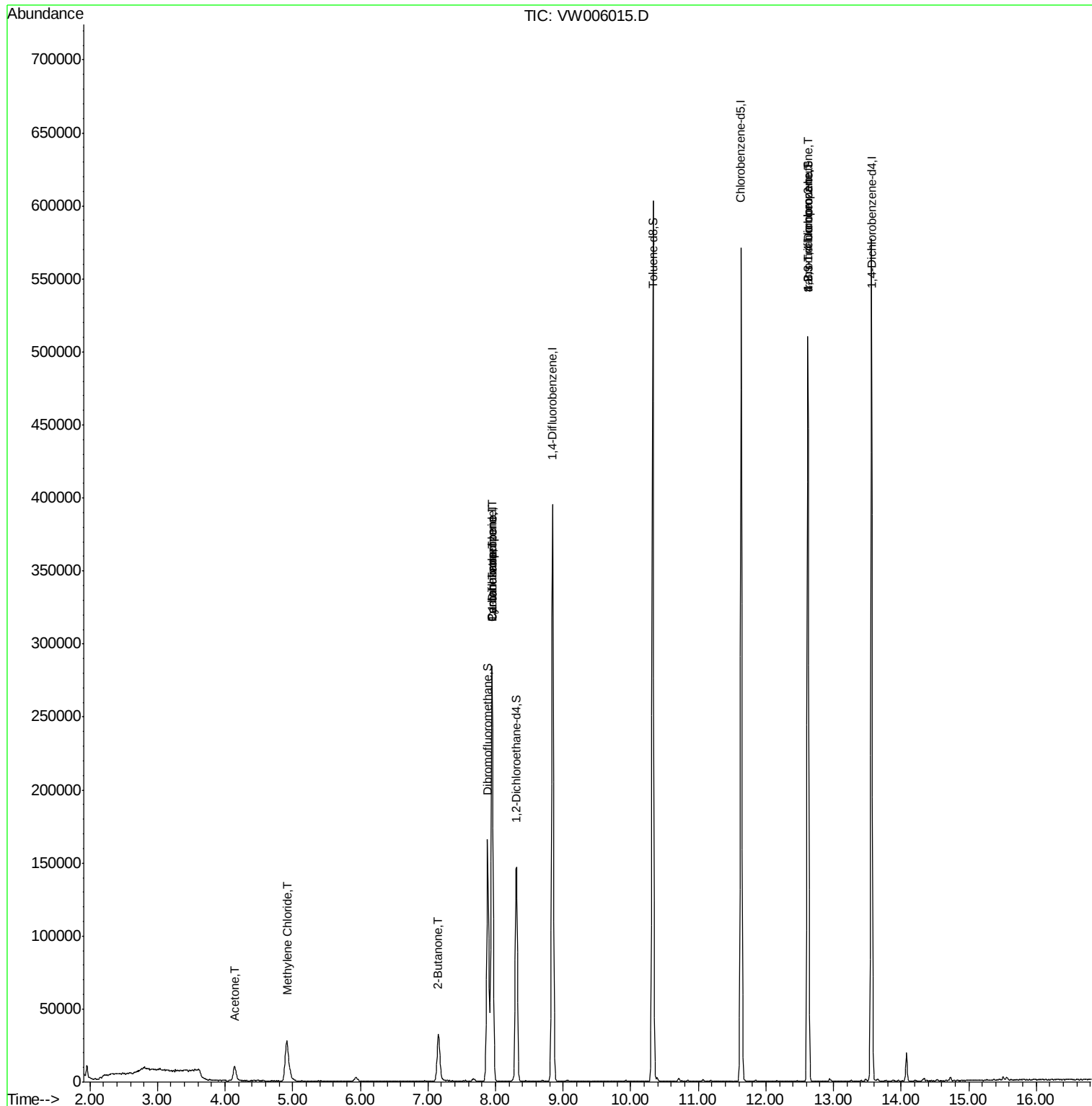
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	224137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	355401	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	321943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	160054	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	117519	54.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.02%	
35) Dibromofluoromethane	7.88	113	114790	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
50) Toluene-d8	10.33	98	418660	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
62) 4-Bromofluorobenzene	12.62	95	147951	44.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.08%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	20551	47.286	ug/l	98
20) Methylene Chloride	4.91	84	27132	12.460	ug/l	94
25) 2-Butanone	7.15	43	2561	4.143	ug/l #	74
31) Cyclohexane	7.95	56	4193	1.101	ug/l #	2
36) 1,1-Dichloropropene	7.95	75	15213	4.467	ug/l #	48
38) Carbon Tetrachloride	7.95	117	20075	5.487	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	75140	52.556	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	75140	110.951	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: VW006015.D

Acq: 11 Oct 2018 04:35

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MSVOA_W

ClientSampleId :

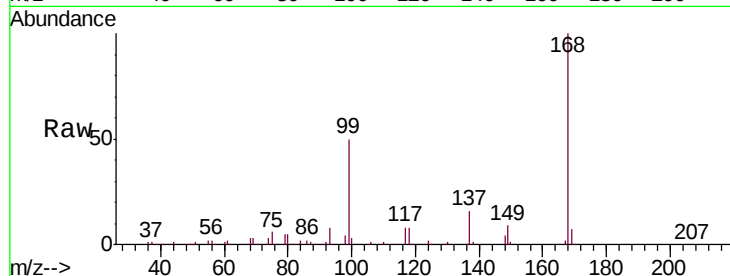
TRACK-D-7RE

Tgt Ion:168 Resp: 224137

Ion Ratio Lower Upper

168 100

99 49.8 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

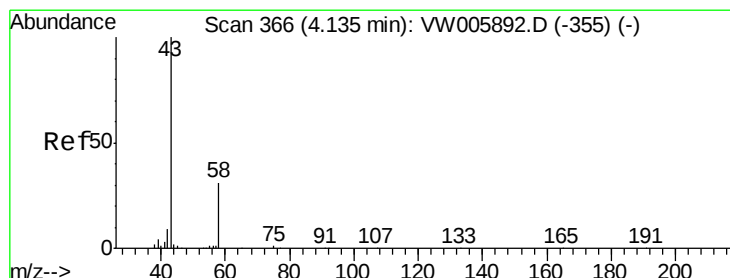
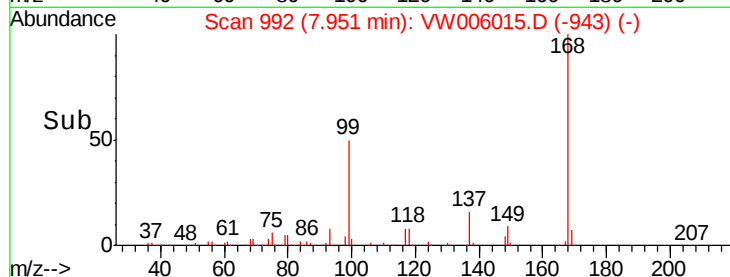
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 47.286 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW006015.D

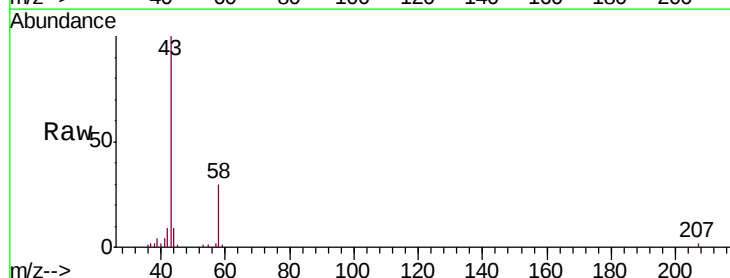
Acq: 11 Oct 2018 04:35

Tgt Ion: 43 Resp: 20551

Ion Ratio Lower Upper

43 100

58 29.7 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

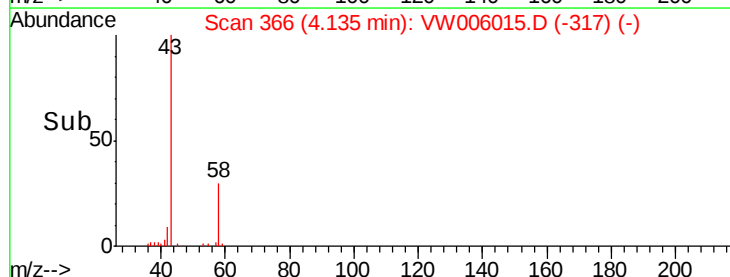
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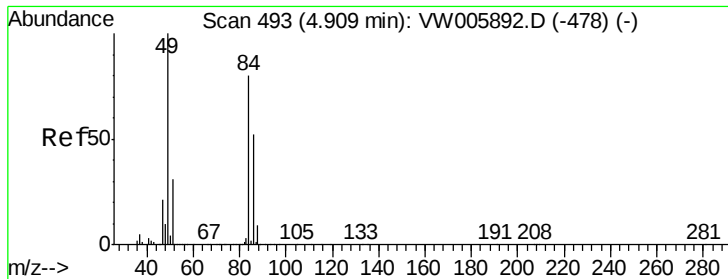
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Time-->

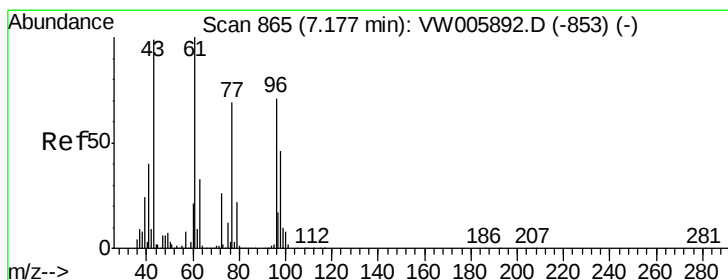
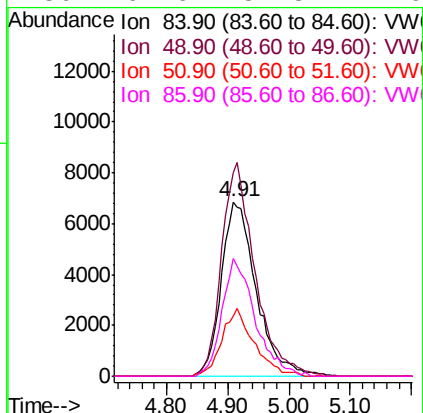
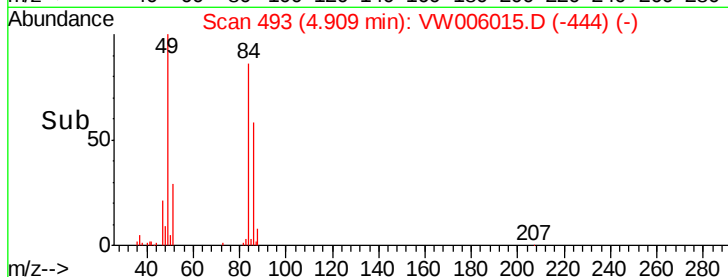
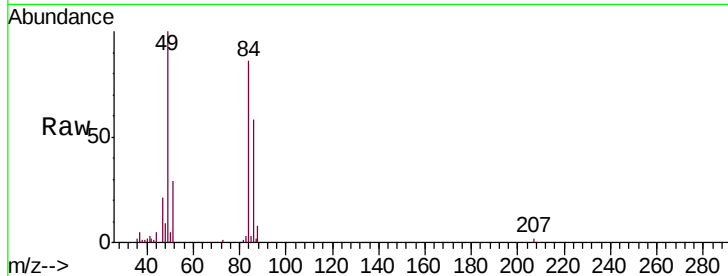




#20
Methylene Chloride
Concen: 12.460 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW006015.D
Acq: 11 Oct 2018 04:35

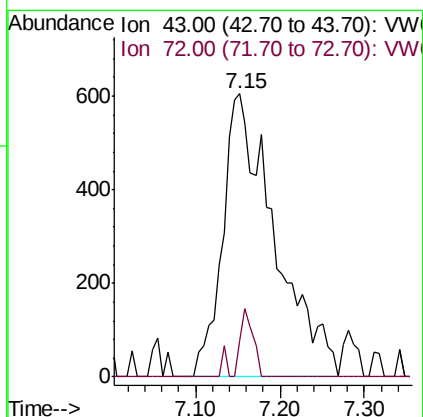
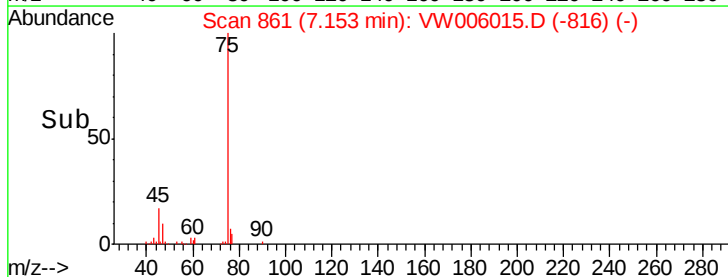
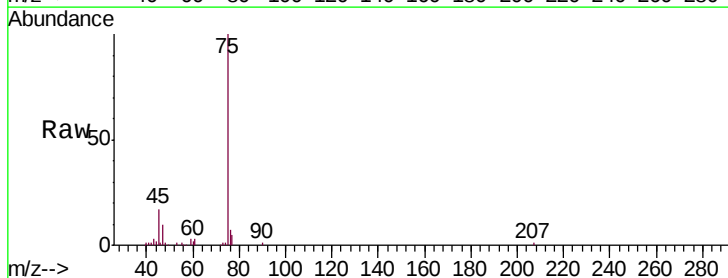
Instrument :
MSVOA_W
ClientSampleId :
TRACK-D-7RE

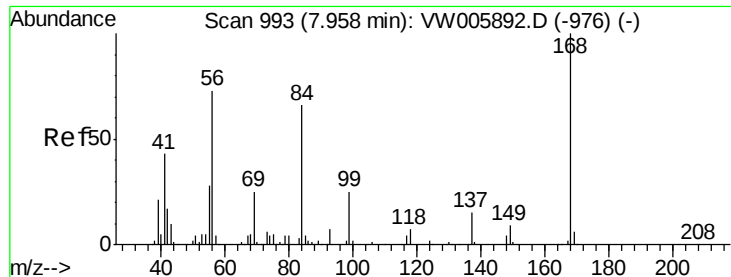
Tgt Ion:	84	Resp:	27132
Ion	Ratio	Lower	Upper
84	100		
49	116.7	99.9	149.9
51	34.3	31.1	46.7
86	67.6	51.8	77.6



#25
2-Butanone
Concen: 4.143 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW006015.D
Acq: 11 Oct 2018 04:35

Tgt Ion:	43	Resp:	2561
Ion	Ratio	Lower	Upper
43	100		
72	12.9	21.0	31.4#

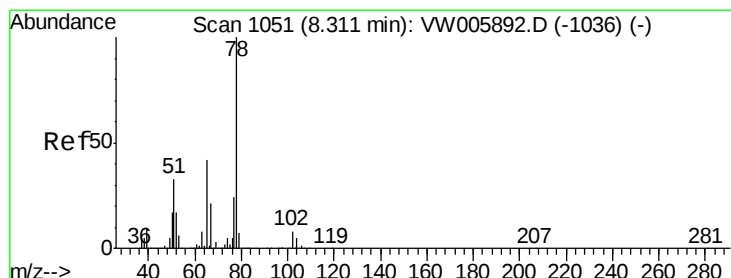
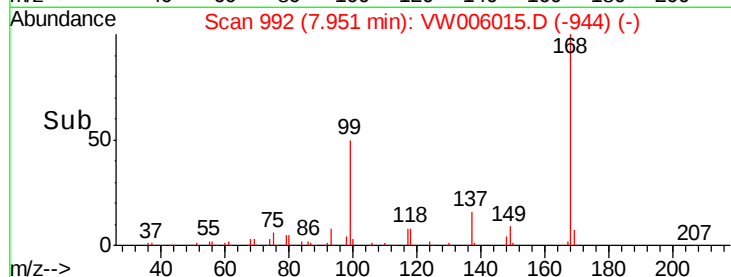
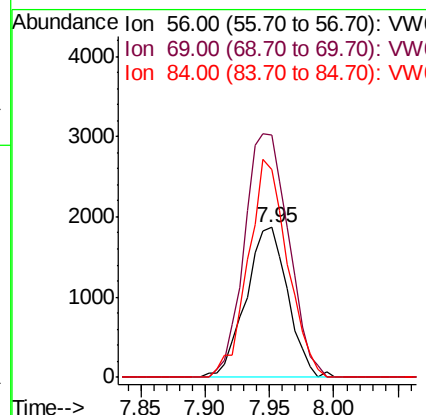
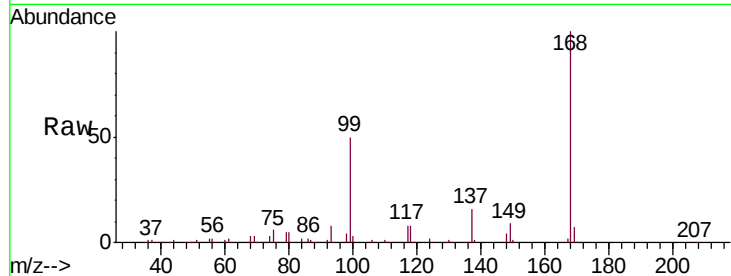




#31
Cyclohexane
Concen: 1.101 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006015.D
Acq: 11 Oct 2018 04:35

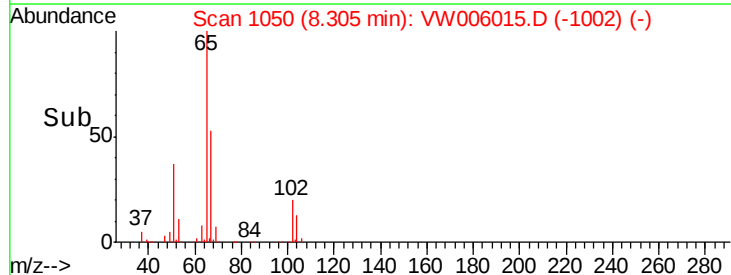
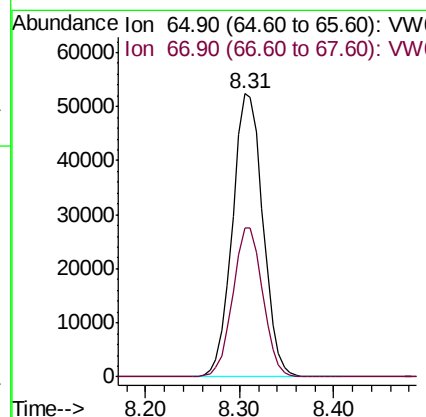
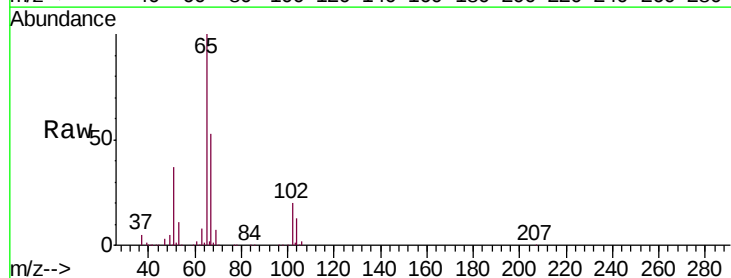
Instrument :
MSVOA_W
ClientSampleId :
TRACK-D-7RE

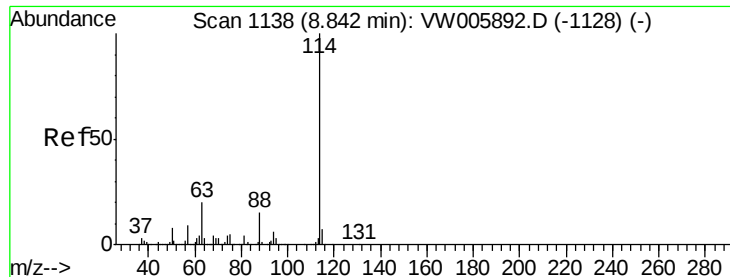
Tgt Ion: 56 Resp: 4193
Ion Ratio Lower Upper
56 100
69 161.5 27.9 41.9#
84 138.4 72.3 108.5#



#33
1,2-Dichloroethane-d4
Concen: 54.010 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW006015.D
Acq: 11 Oct 2018 04:35

Tgt Ion: 65 Resp: 117519
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.6

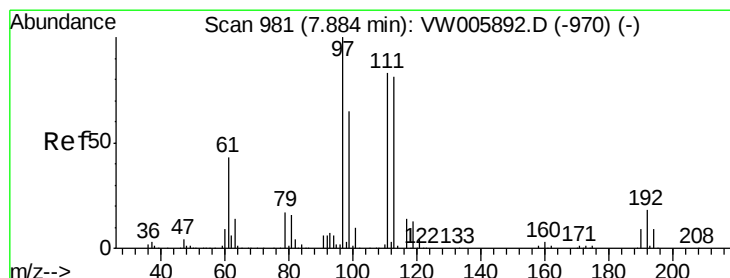
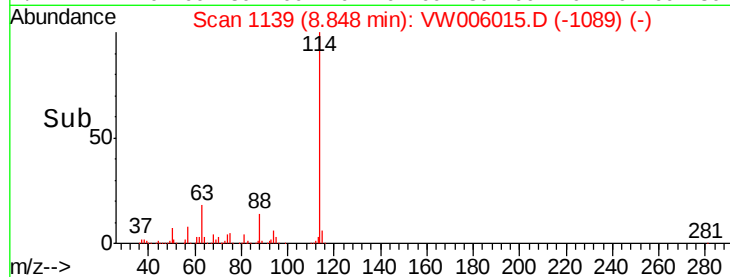
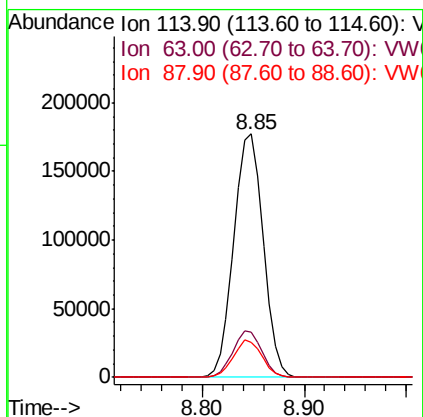
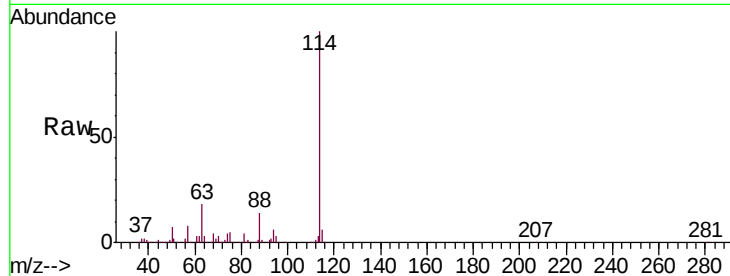




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW006015.D
 Acq: 11 Oct 2018 04:35

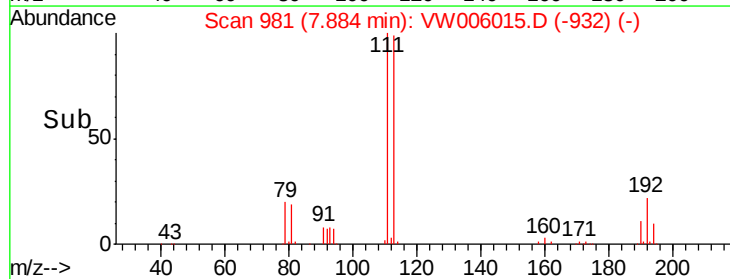
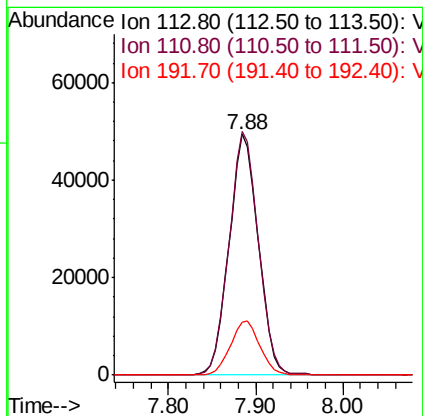
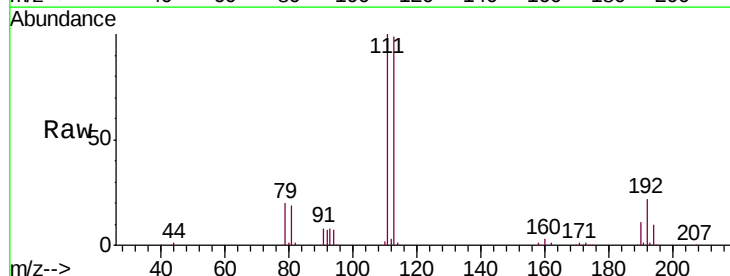
Instrument :
 MSVOA_W
 ClientSampleId :
 TRACK-D-7RE

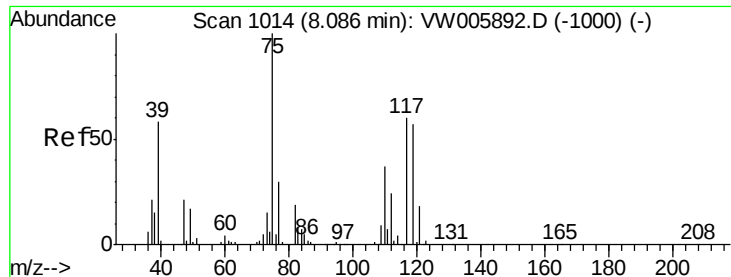
Tgt Ion:114 Resp: 355401
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.2
 88 14.2 0.0 30.8



#35
 Dibromofluoromethane
 Concen: 50.589 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW006015.D
 Acq: 11 Oct 2018 04:35

Tgt Ion:113 Resp: 114790
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.0 123.0
 192 22.6 18.3 27.5

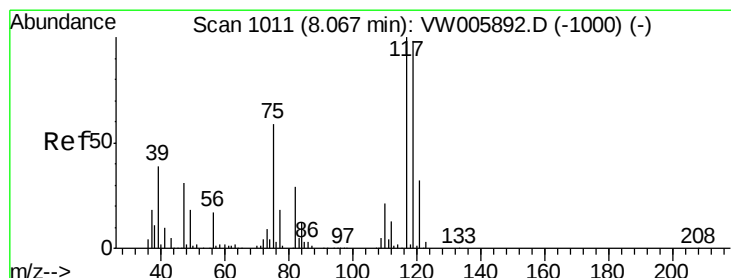
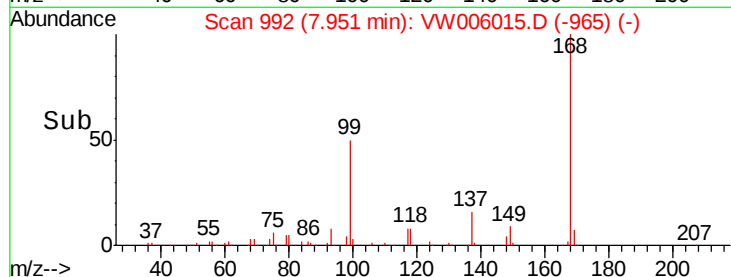
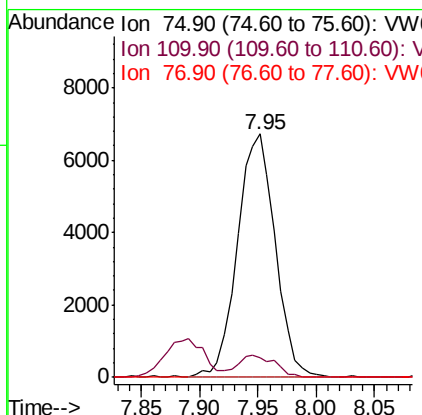
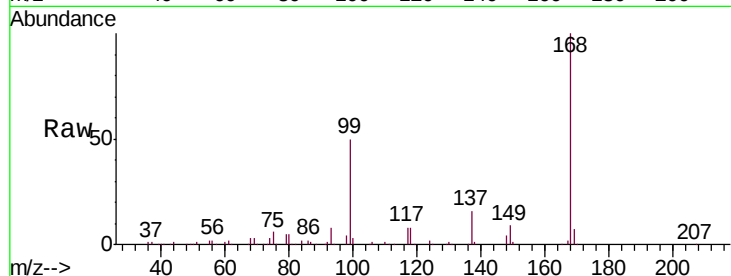




#36
 1,1-Dichloropropene
 Concen: 4.467 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006015.D
 Acq: 11 Oct 2018 04:35

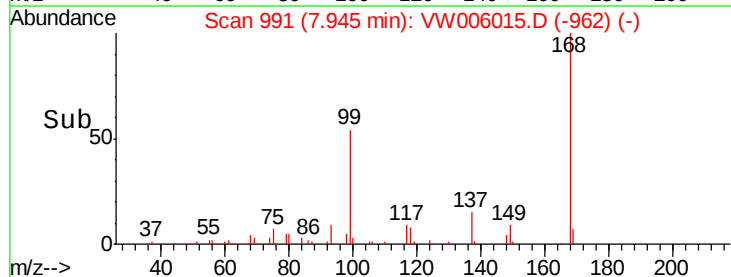
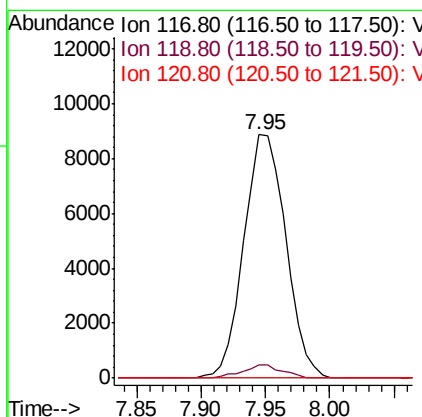
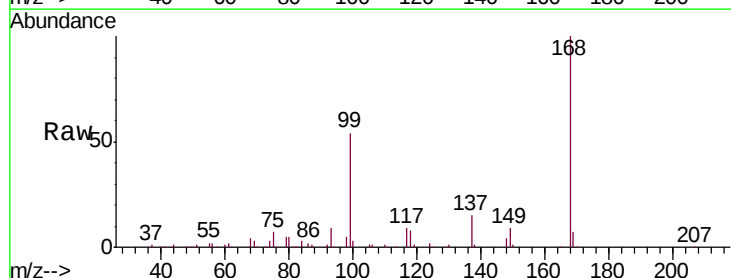
Instrument :
 MSVOA_W
 ClientSampleId :
 TRACK-D-7RE

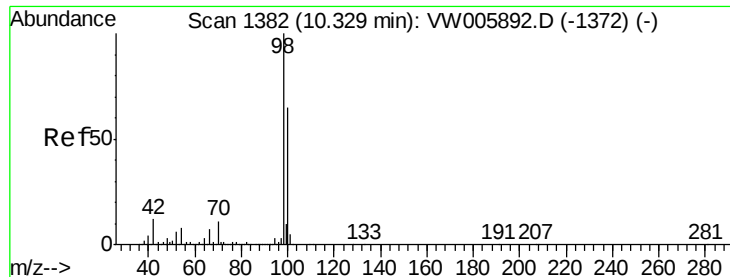
Tgt Ion: 75 Resp: 15213
 Ion Ratio Lower Upper
 75 100
 110 8.9 18.6 56.0#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.487 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW006015.D
 Acq: 11 Oct 2018 04:35

Tgt Ion: 117 Resp: 20075
 Ion Ratio Lower Upper
 117 100
 119 5.5 78.6 117.8#
 121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 47.956 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006015.D

Acq: 11 Oct 2018 04:35

Instrument :

MSVOA_W

ClientSampleId :

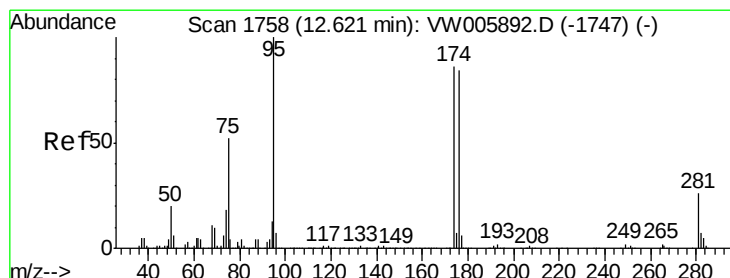
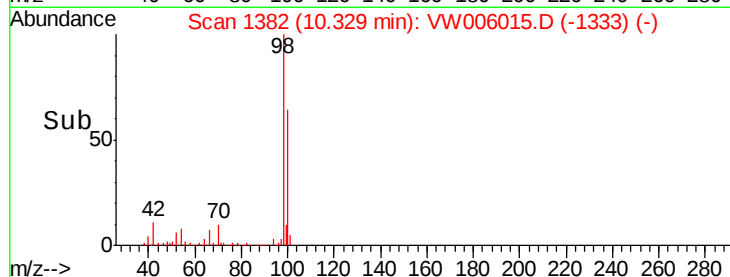
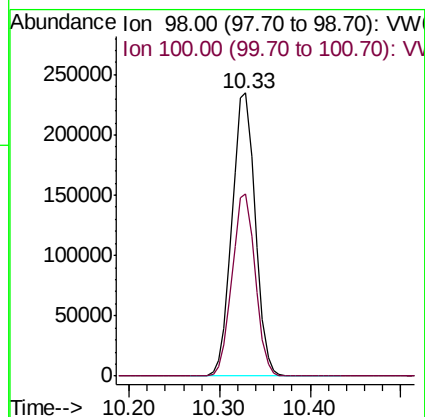
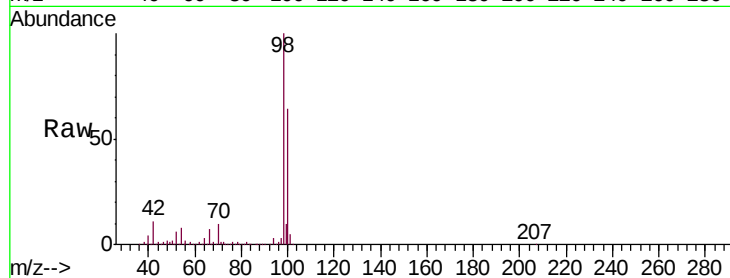
TRACK-D-7RE

Tgt Ion: 98 Resp: 418660

Ion Ratio Lower Upper

98 100

100 64.0 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 44.544 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006015.D

Acq: 11 Oct 2018 04:35

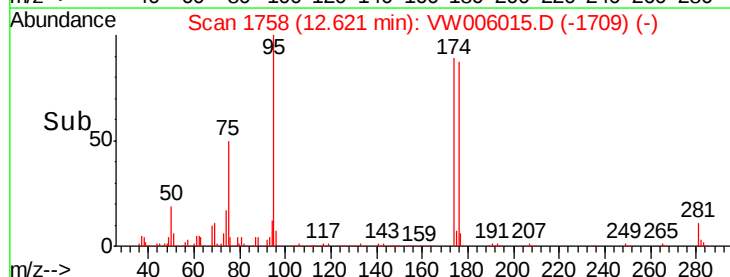
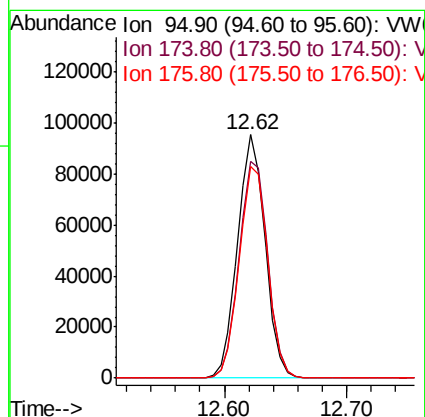
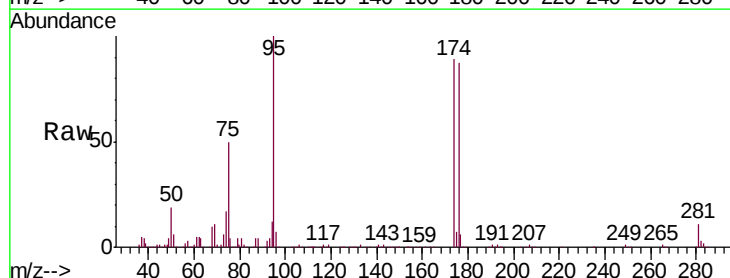
Tgt Ion: 95 Resp: 147951

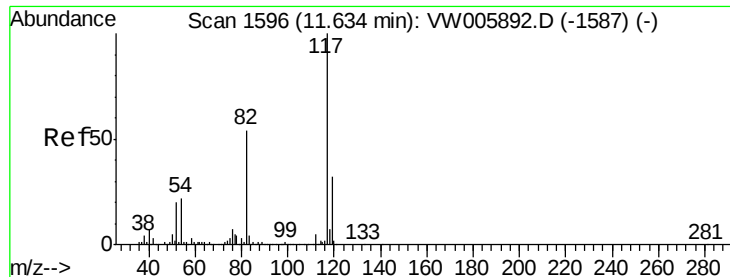
Ion Ratio Lower Upper

95 100

174 93.0 0.0 176.4

176 90.3 0.0 173.0

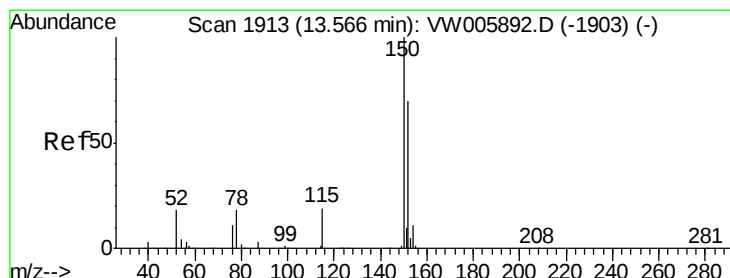
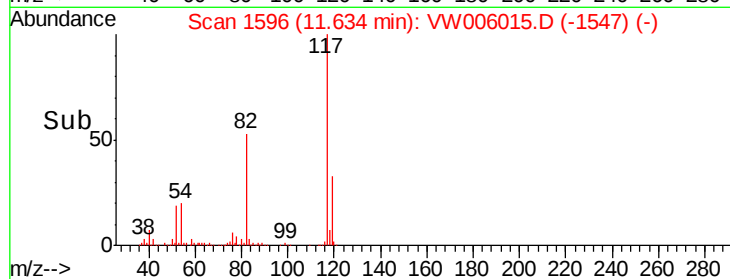
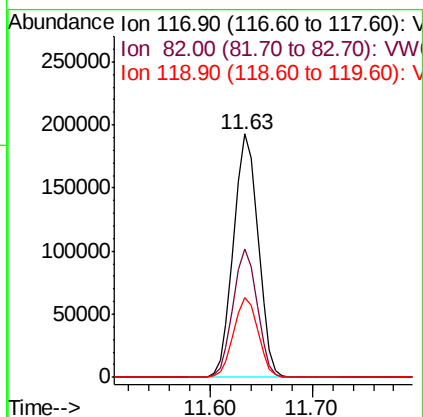
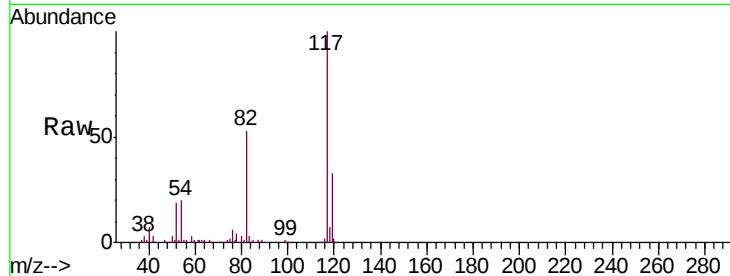




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006015.D
Acq: 11 Oct 2018 04:35

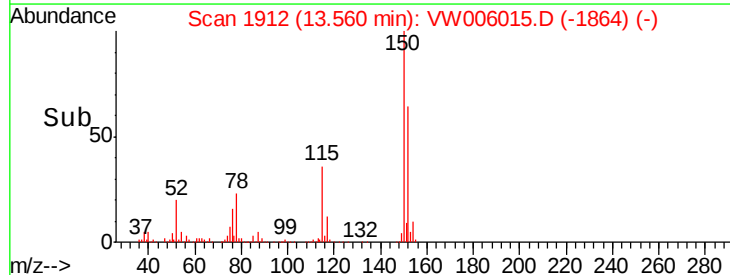
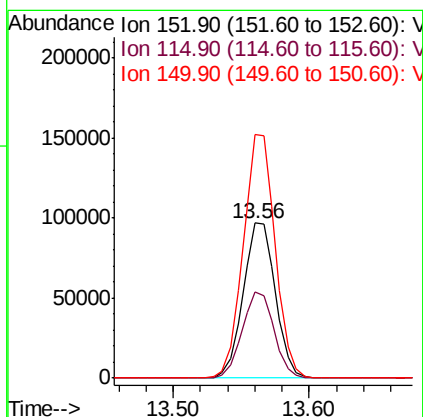
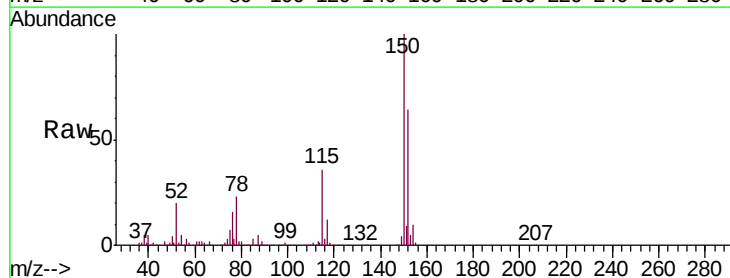
Instrument :
MSVOA_W
ClientSampleId :
TRACK-D-7RE

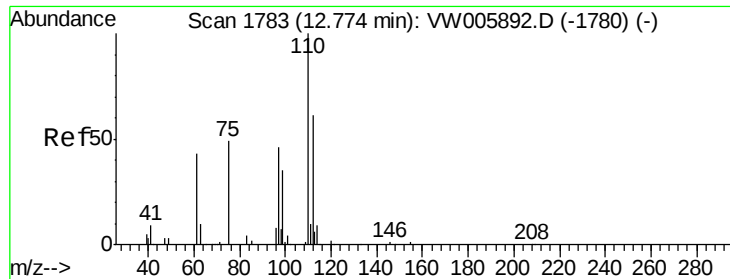
Tgt Ion:117 Resp: 321943
Ion Ratio Lower Upper
117 100
82 52.5 43.5 65.3
119 32.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006015.D
Acq: 11 Oct 2018 04:35

Tgt Ion:152 Resp: 160054
Ion Ratio Lower Upper
152 100
115 54.7 28.3 85.0
150 155.6 0.0 349.2

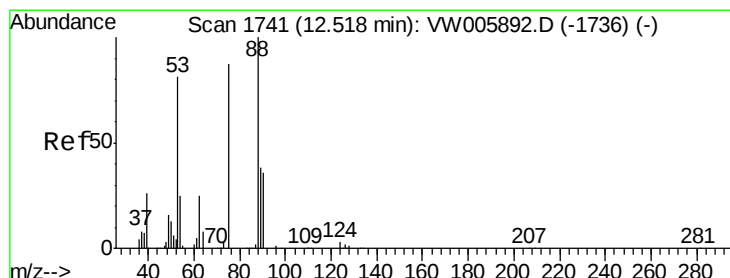
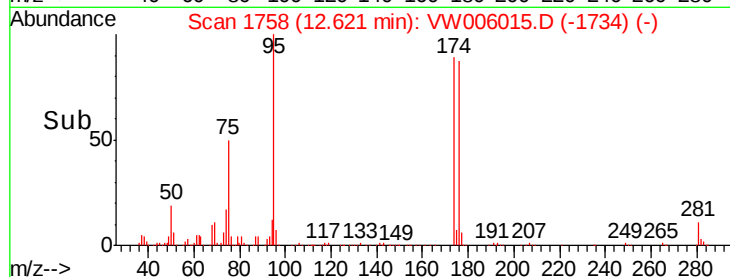
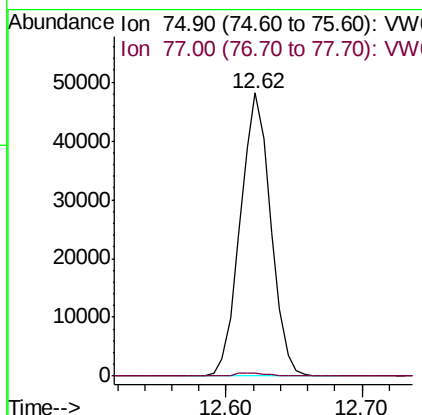
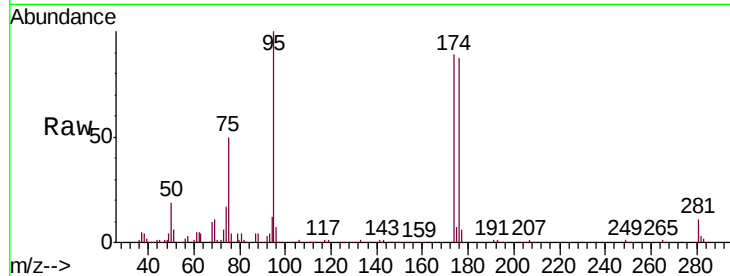




#76
 1,2,3-Trichloropropane
 Concen: 52.556 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006015.D
 Acq: 11 Oct 2018 04:35

Instrument :
 MSVOA_W
 ClientSampled :
 TRACK-D-7RE

Tgt Ion: 75 Resp: 75140
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.951 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006015.D
 Acq: 11 Oct 2018 04:35

Tgt Ion: 75 Resp: 75140
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.5 114.7#
 89 0.0 37.6 56.4#

