

Data File : VW005927.D
Acq On : 09 Oct 2018 07:04
Operator : SY/AP
Sample : J5287-01
Misc : 5.68G/5ML/MSVOA_W/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TRACK-D-3

Quant Time: Oct 09 08:16:54 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	236127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	380133	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	341099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	160436	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	83414	36.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.78%	
35) Dibromofluoromethane	7.88	113	85238	35.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.24%	
50) Toluene-d8	10.33	98	284931	30.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.02%	
62) 4-Bromofluorobenzene	12.62	95	105402	29.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.34%	

Target Compounds

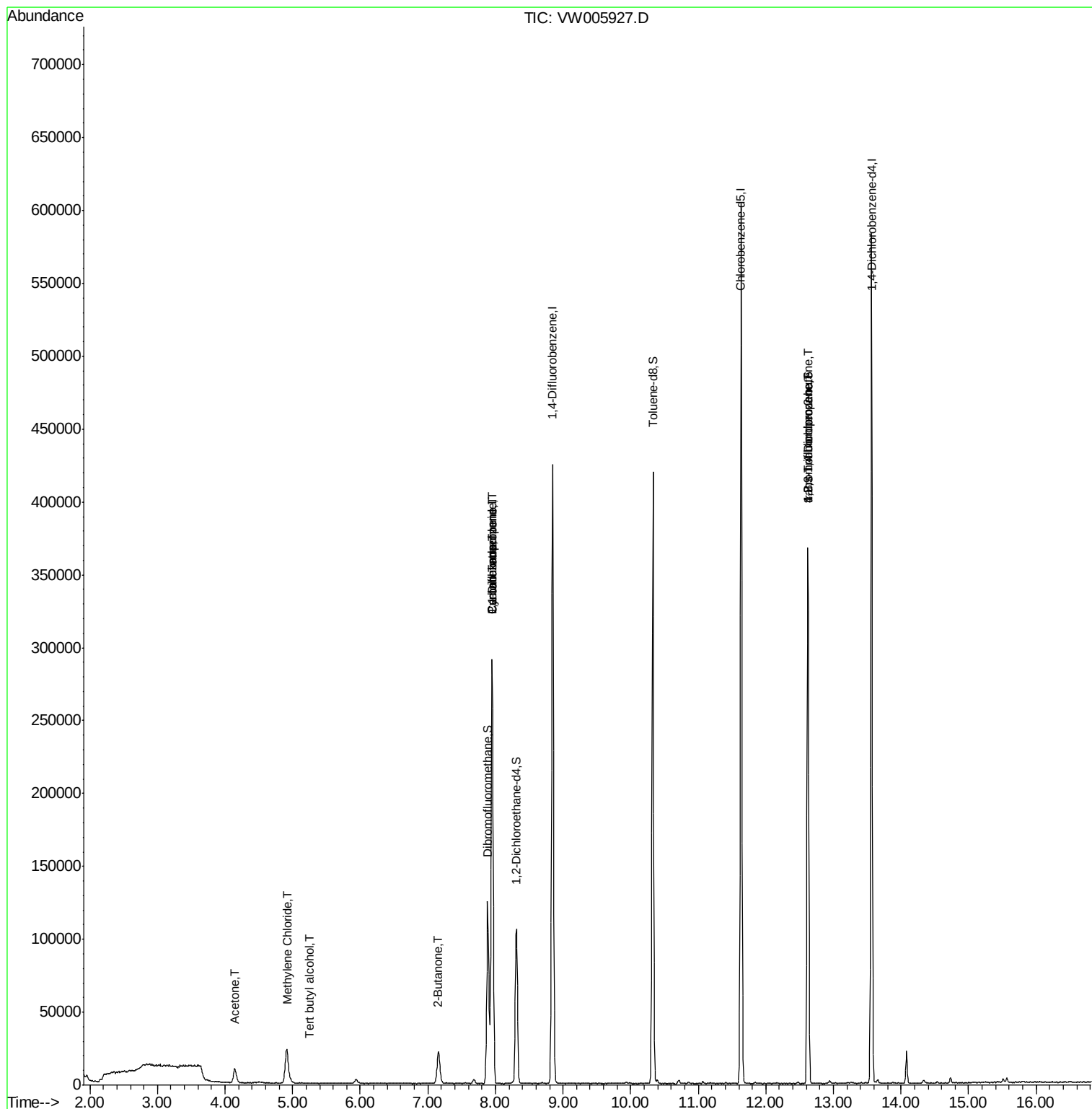
						Qvalue
11) Tert butyl alcohol	5.24	59	187	1.113	ug/l #	74
16) Acetone	4.14	43	18402	40.191	ug/l	96
20) Methylene Chloride	4.91	84	19545	8.520	ug/l	94
25) 2-Butanone	7.15	43	1033	1.586	ug/l #	49
31) Cyclohexane	7.95	56	4707	1.173	ug/l #	17
36) 1,1-Dichloropropene	7.95	75	15550	4.269	ug/l #	49
38) Carbon Tetrachloride	7.95	117	21139	5.402	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	54492	38.023	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	54492	80.271	ug/l #	11

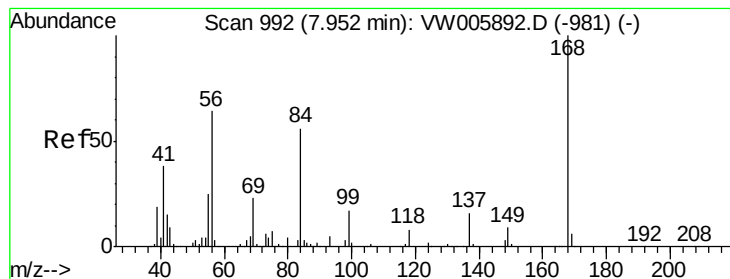
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005927.D

Acq: 09 Oct 2018 07:04

Instrument :

MSVOA_W

ClientSampleId :

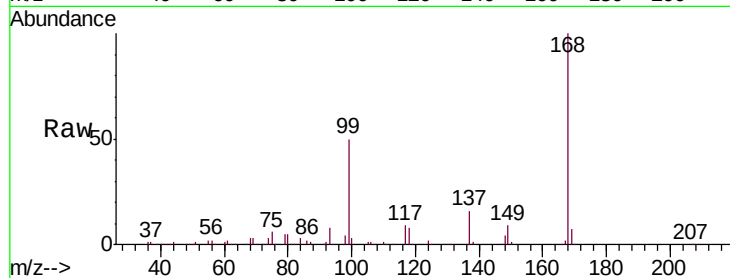
TRACK-D-3

Tgt Ion:168 Resp: 236127

Ion Ratio Lower Upper

168 100

99 50.2 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

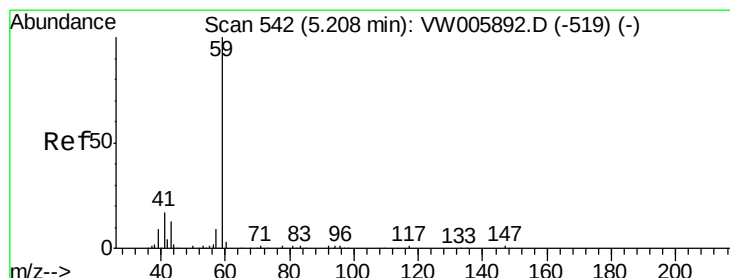
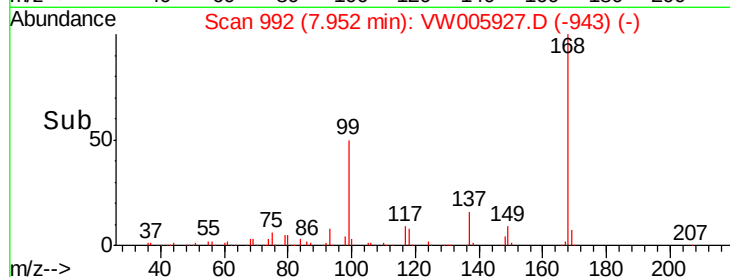
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 1.113 ug/l

RT: 5.24 min Scan# 547

Delta R.T. 0.03 min

Lab File: VW005927.D

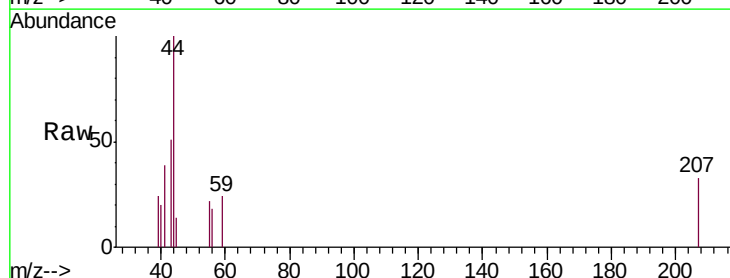
Acq: 09 Oct 2018 07:04

Tgt Ion: 59 Resp: 187

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.24

120

100

80

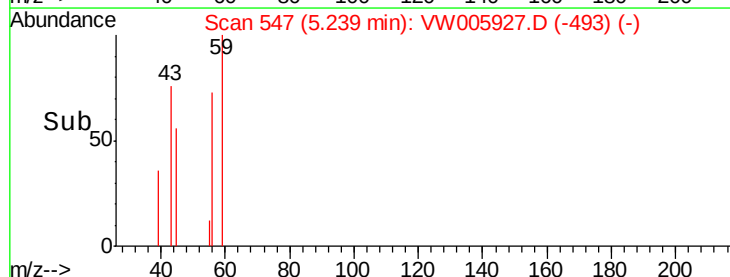
60

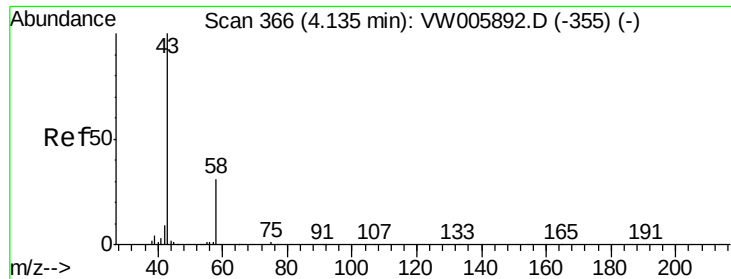
40

20

0

Time--> 5.20 5.25

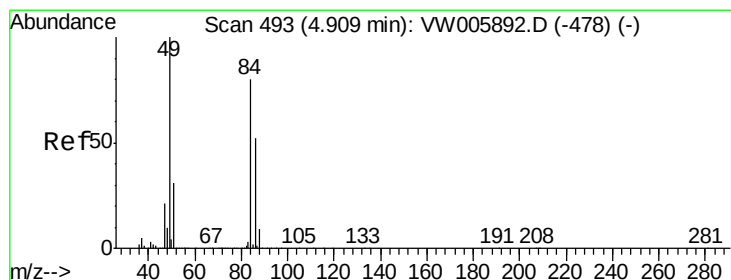
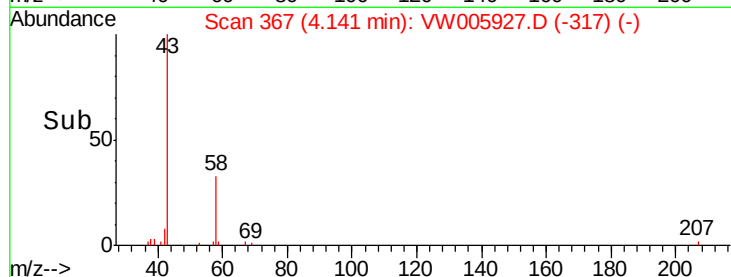
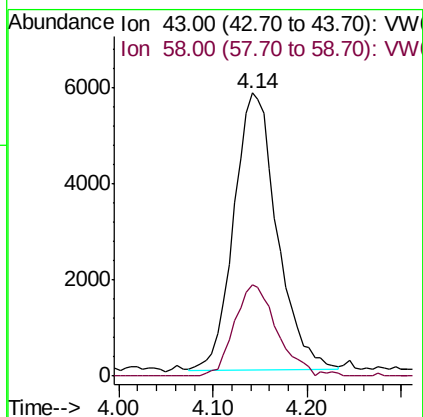
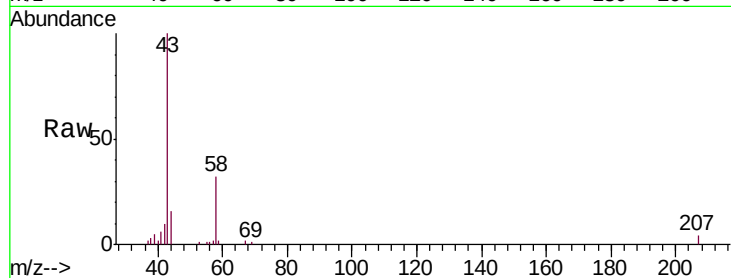




#16
Acetone
Concen: 40.191 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.01 min
Lab File: VW005927.D
Acq: 09 Oct 2018 07:04

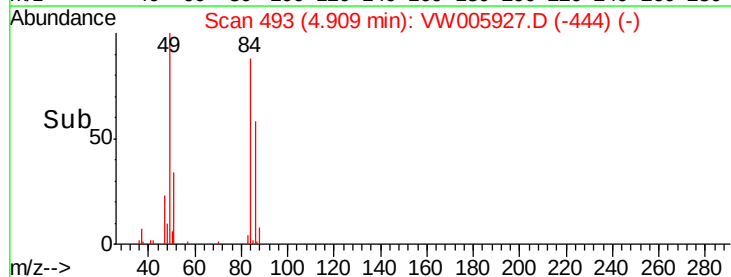
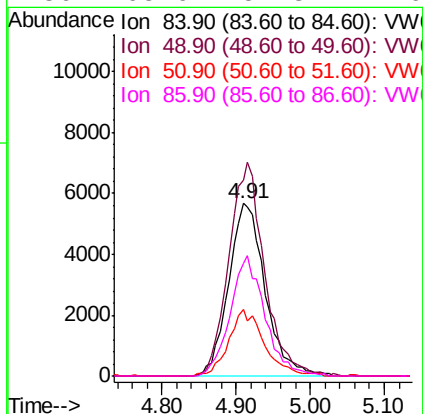
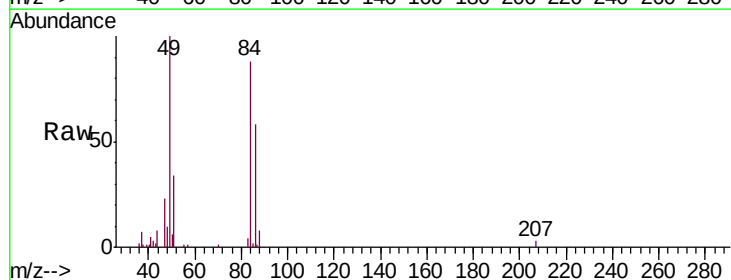
Instrument :
MSVOA_W
ClientSampleId :
TRACK-D-3

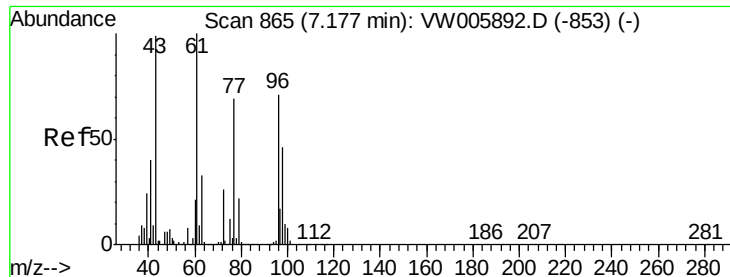
Tgt Ion: 43 Resp: 18402
Ion Ratio Lower Upper
43 100
58 33.1 24.7 37.1



#20
Methylene Chloride
Concen: 8.520 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW005927.D
Acq: 09 Oct 2018 07:04

Tgt Ion: 84 Resp: 19545
Ion Ratio Lower Upper
84 100
49 113.5 99.9 149.9
51 38.7 31.1 46.7
86 65.6 51.8 77.6

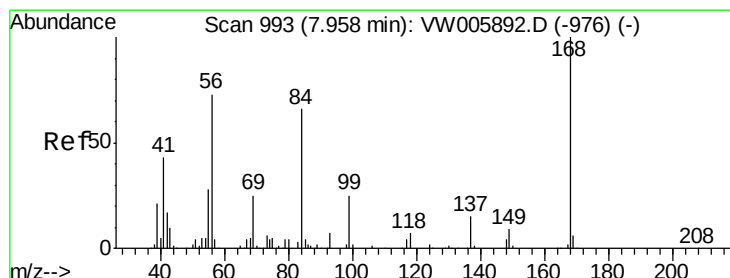
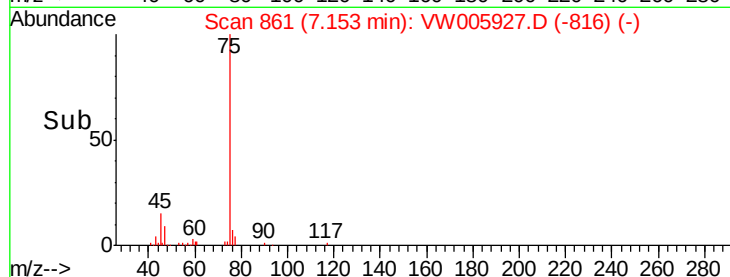
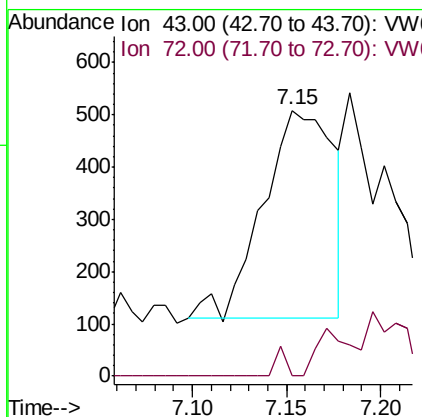
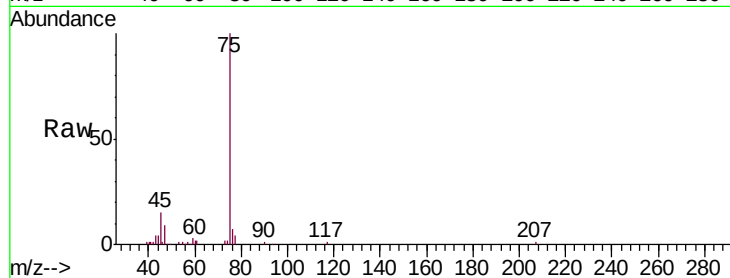




#25
2-Butanone
Concen: 1.586 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW005927.D
Acq: 09 Oct 2018 07:04

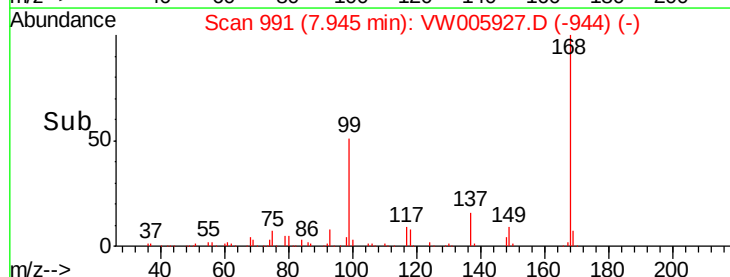
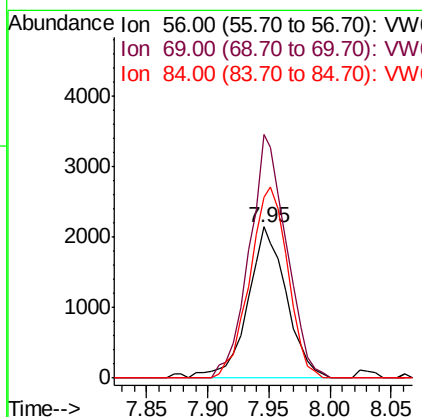
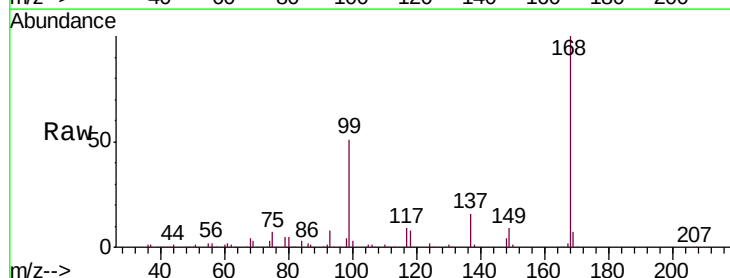
Instrument :
MSVOA_W
ClientSampled :
TRACK-D-3

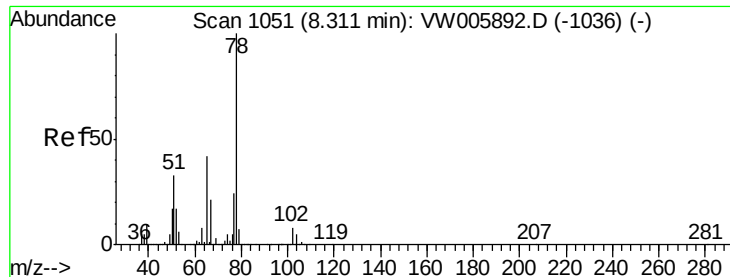
Tgt Ion: 43 Resp: 1033
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



#31
Cyclohexane
Concen: 1.173 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW005927.D
Acq: 09 Oct 2018 07:04

Tgt Ion: 56 Resp: 4707
Ion Ratio Lower Upper
56 100
69 161.0 27.9 41.9#
84 119.2 72.3 108.5#

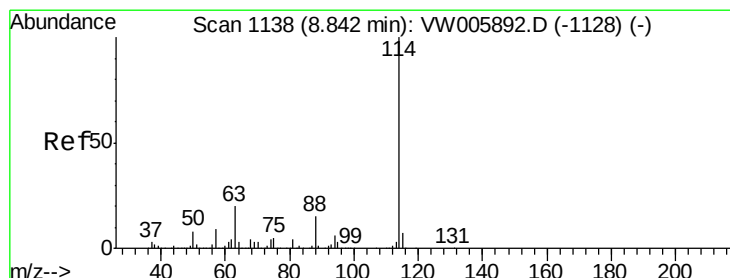
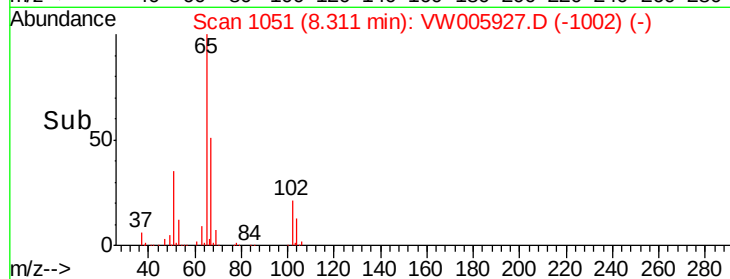
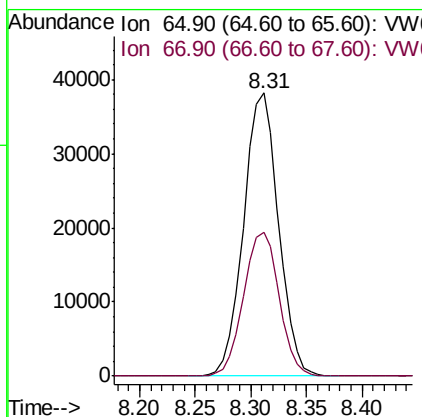
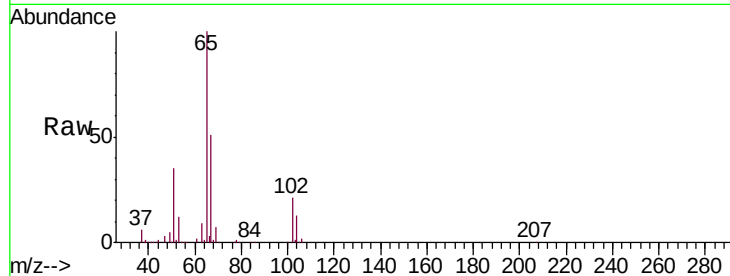




#33
 1,2-Dichloroethane-d4
 Concen: 36.389 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005927.D
 Acq: 09 Oct 2018 07:04

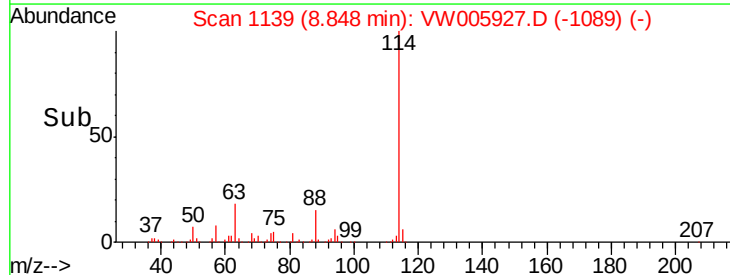
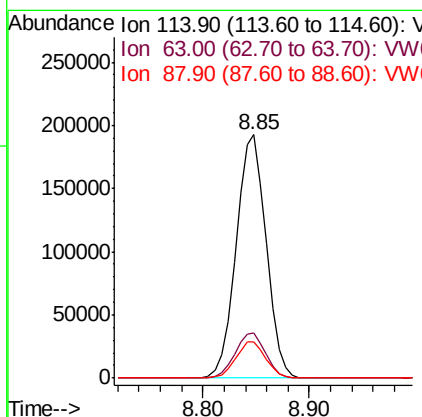
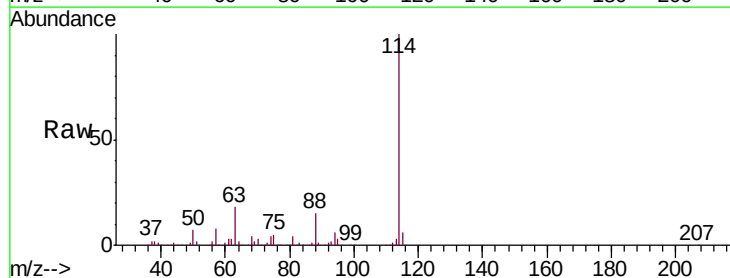
Instrument :
 MSVOA_W
 ClientSampleId :
 TRACK-D-3

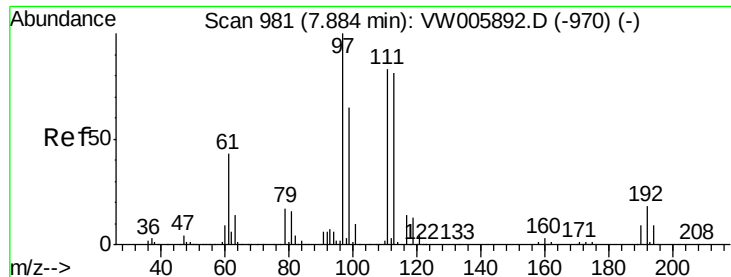
Tgt Ion: 65 Resp: 83414
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005927.D
 Acq: 09 Oct 2018 07:04

Tgt Ion: 114 Resp: 380133
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.2
 88 14.8 0.0 30.8





#35

Dibromofluoromethane

Concen: 35.121 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW005927.D

Acq: 09 Oct 2018 07:04

Instrument :

MSVOA_W

ClientSampleId :

TRACK-D-3

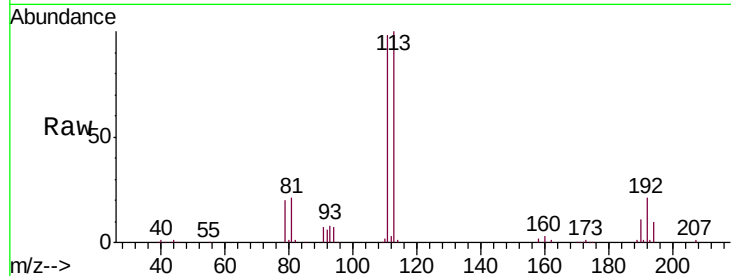
Tgt Ion:113 Resp: 85238

Ion Ratio Lower Upper

113 100

111 101.7 82.0 123.0

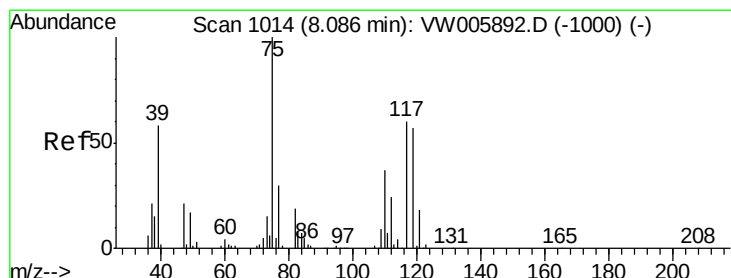
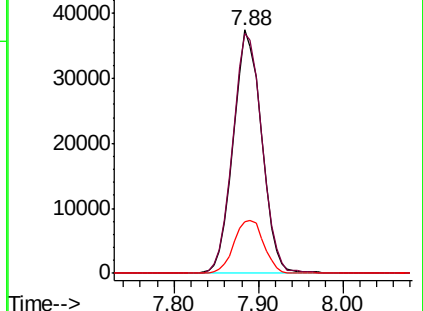
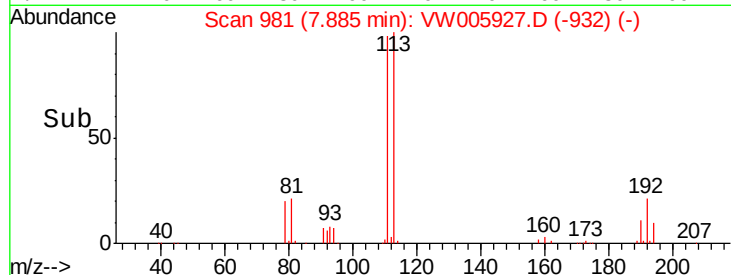
192 22.8 18.3 27.5



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: 4.269 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW005927.D

Acq: 09 Oct 2018 07:04

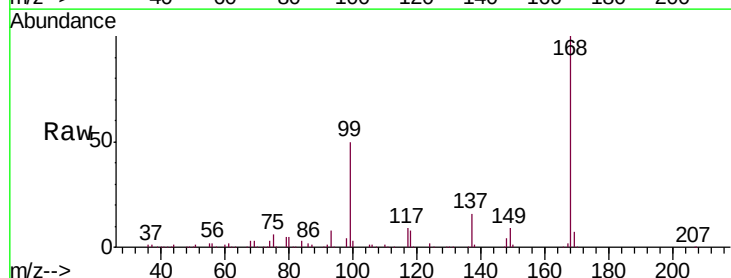
Tgt Ion: 75 Resp: 15550

Ion Ratio Lower Upper

75 100

110 9.9 18.6 56.0#

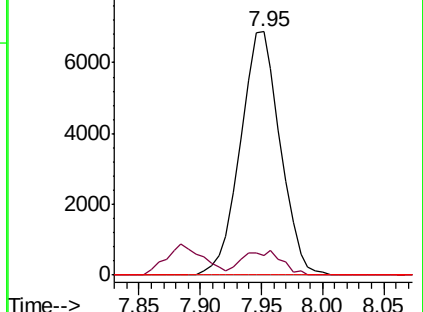
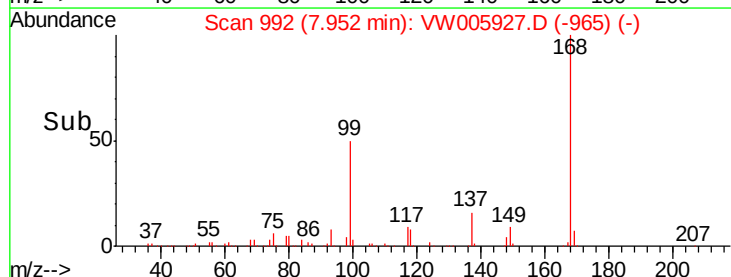
77 0.0 24.7 37.1#

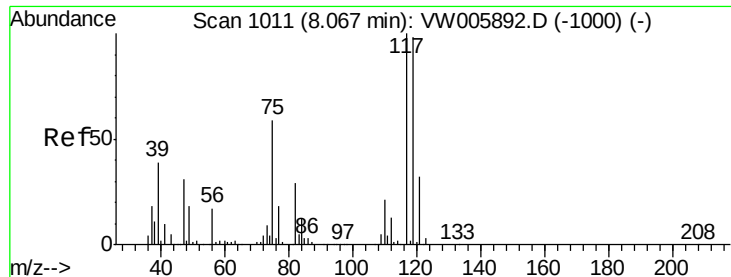


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.402 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW005927.D

Acq: 09 Oct 2018 07:04

Instrument :

MSVOA_W

ClientSampleId :

TRACK-D-3

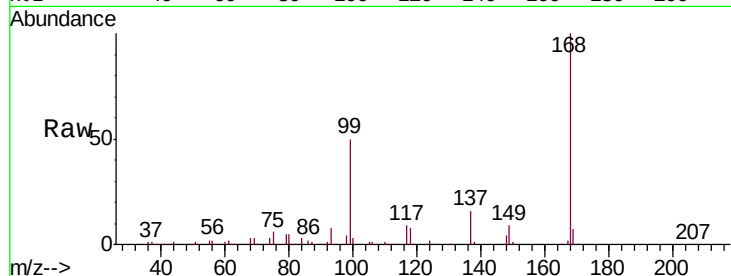
Tgt Ion:117 Resp: 21139

Ion Ratio Lower Upper

117 100

119 5.2 78.6 117.8#

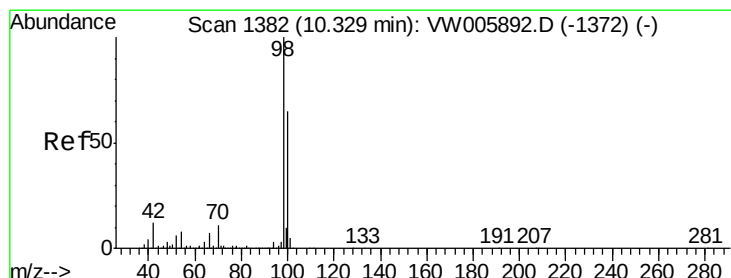
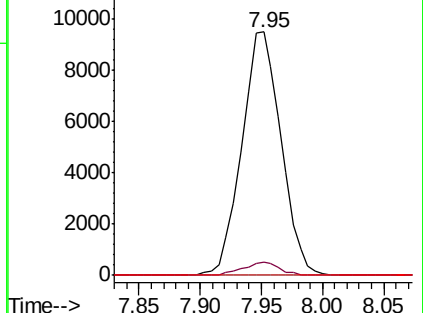
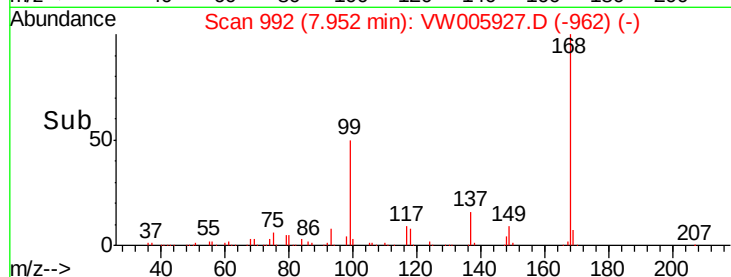
121 0.0 25.3 37.9#



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: 30.514 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005927.D

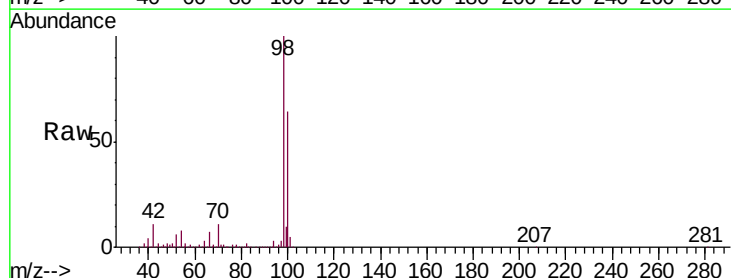
Acq: 09 Oct 2018 07:04

Tgt Ion: 98 Resp: 284931

Ion Ratio Lower Upper

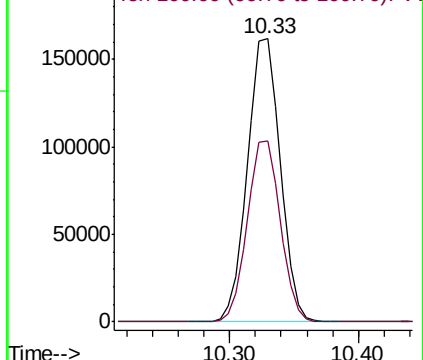
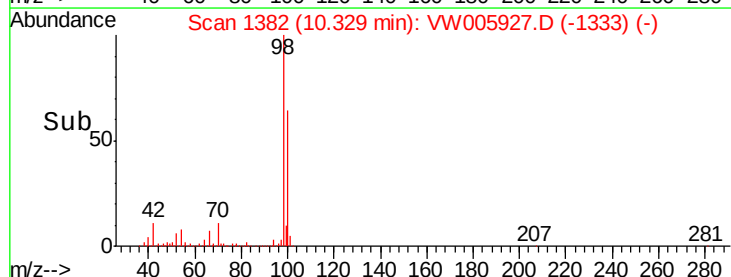
98 100

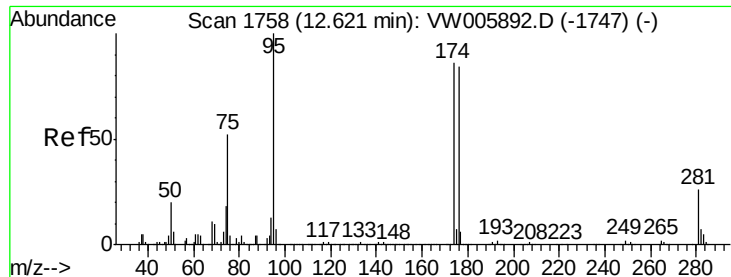
100 64.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 29.669 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW005927.D

Acq: 09 Oct 2018 07:04

Instrument :

MSVOA_W

ClientSampleId :

TRACK-D-3

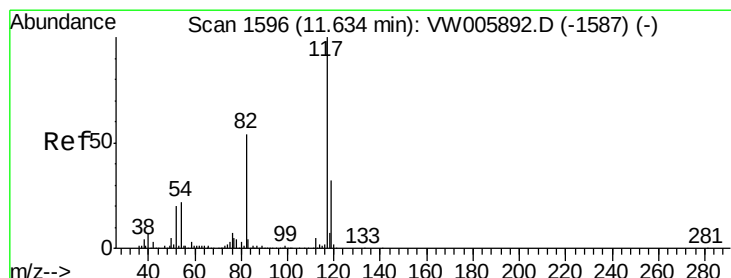
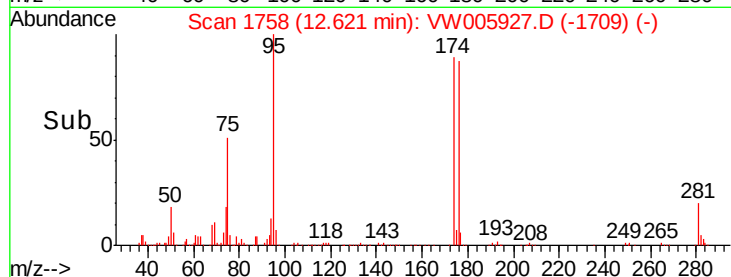
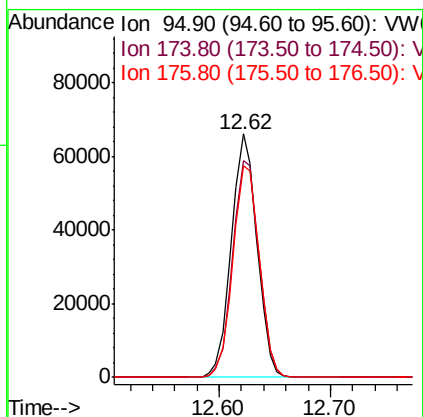
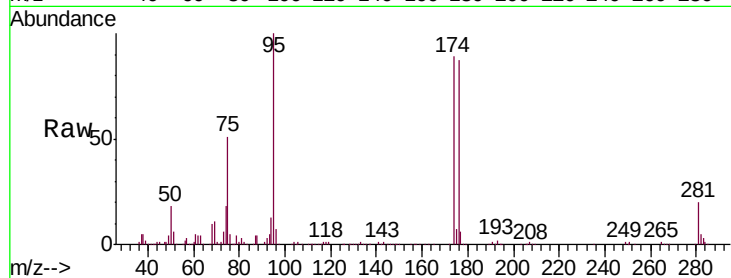
Tgt Ion: 95 Resp: 105402

Ion Ratio Lower Upper

95 100

174 91.8 0.0 176.4

176 89.7 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: VW005927.D

Acq: 09 Oct 2018 07:04

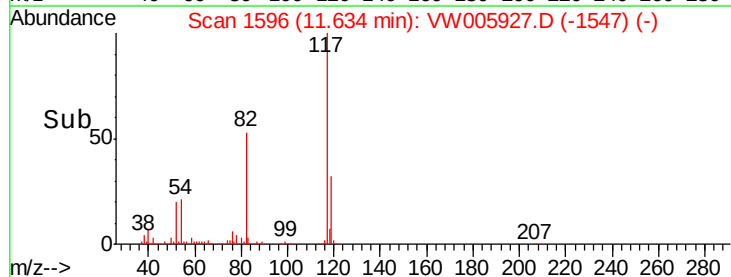
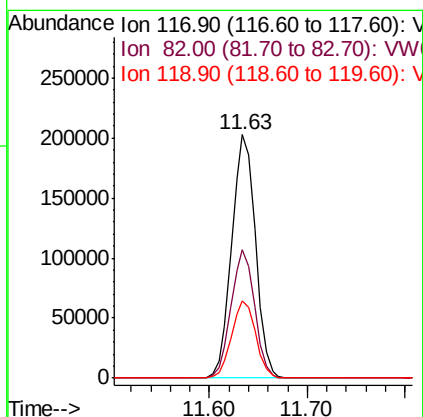
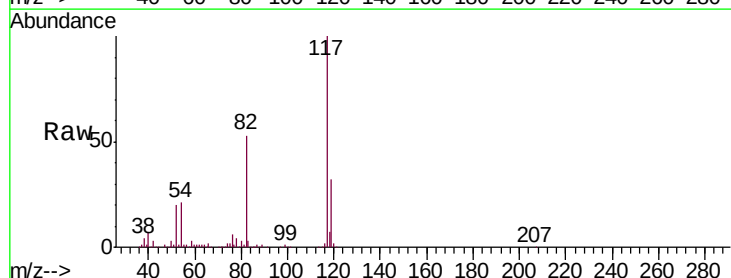
Tgt Ion: 117 Resp: 341099

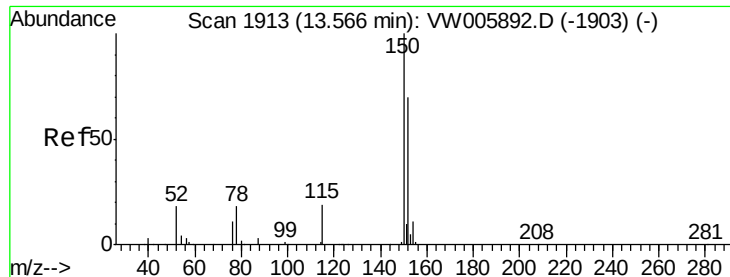
Ion Ratio Lower Upper

117 100

82 52.6 43.5 65.3

119 31.7 25.4 38.2



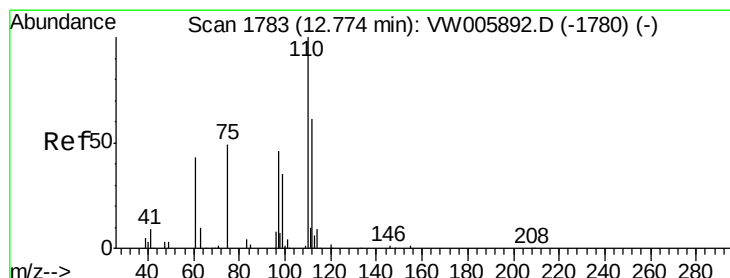
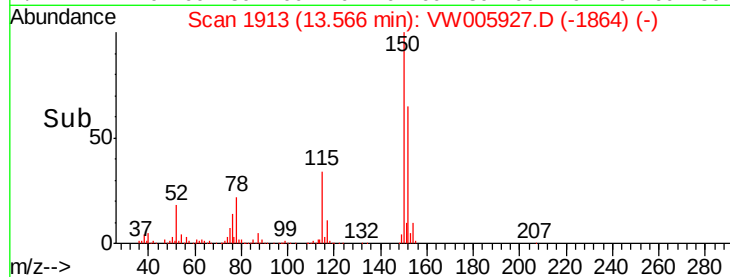
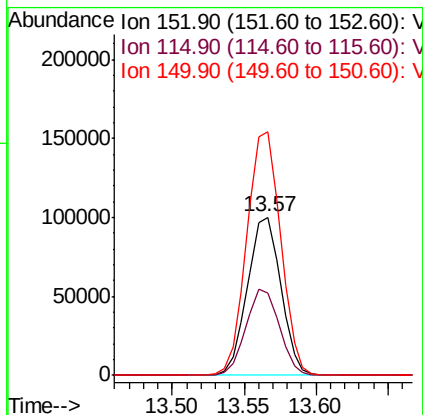
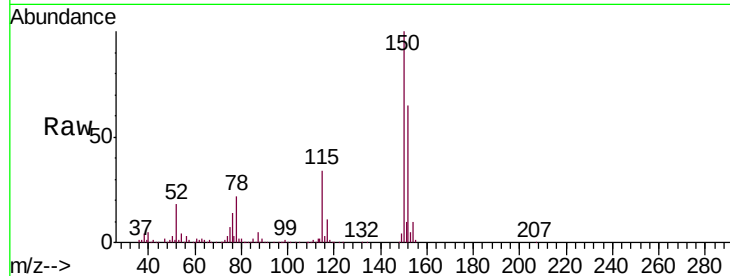


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005927.D
Acq: 09 Oct 2018 07:04

Instrument :
MSVOA_W
ClientSampled :
TRACK-D-3

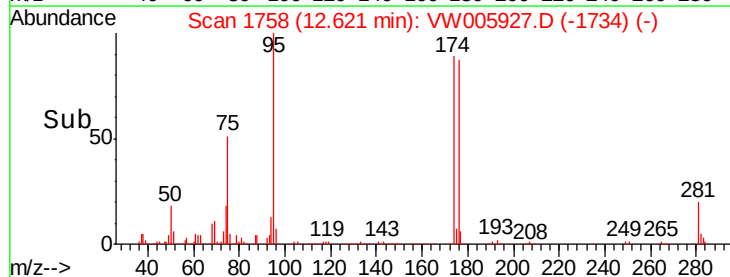
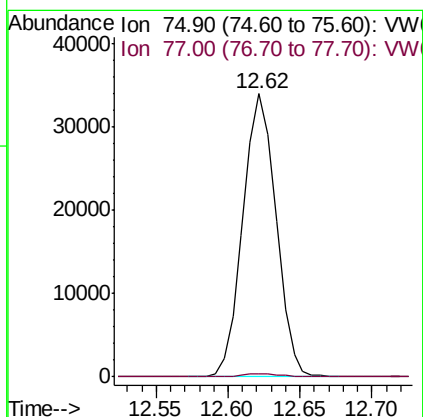
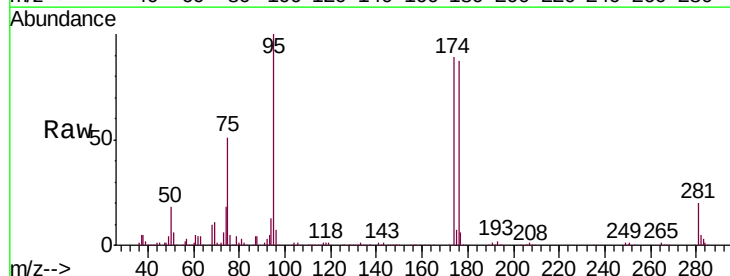
Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	28.3	85.0
150	156.3	0.0	349.2

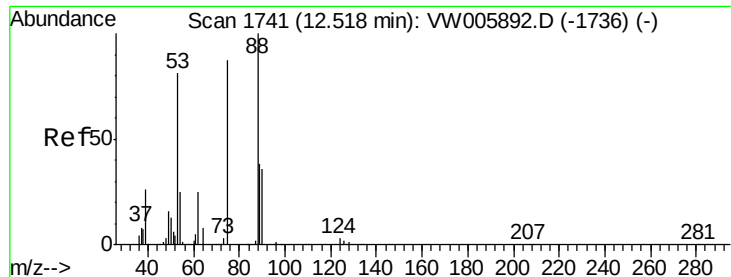


#76

1,2,3-Trichloropropane
Concen: 38.023 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW005927.D
Acq: 09 Oct 2018 07:04

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 80.271 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005927.D

Acq: 09 Oct 2018 07:04

Instrument :

MSVOA_W

ClientSampleId :

TRACK-D-3

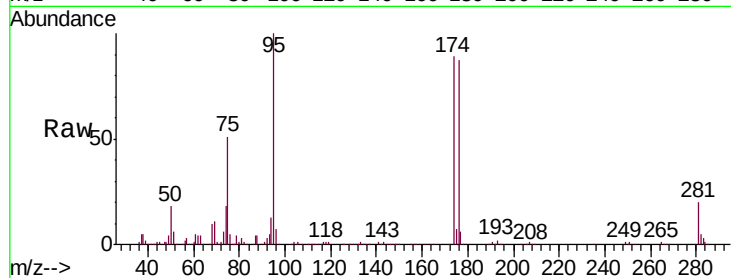
Tgt Ion: 75 Resp: 54492

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

