

Data File : VW005903.D
Acq On : 08 Oct 2018 18:35
Operator : SY/AP
Sample : J5255-01
Misc : 6.40G/5ML/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TRACK-D-1

Quant Time: Oct 09 06:11:24 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	295108	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	432529	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	376593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	172828	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	92112	32.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.30%	
35) Dibromofluoromethane	7.88	113	93497	33.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.72%	
50) Toluene-d8	10.33	98	316191	29.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.52%	
62) 4-Bromofluorobenzene	12.62	95	114439	28.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.62%	

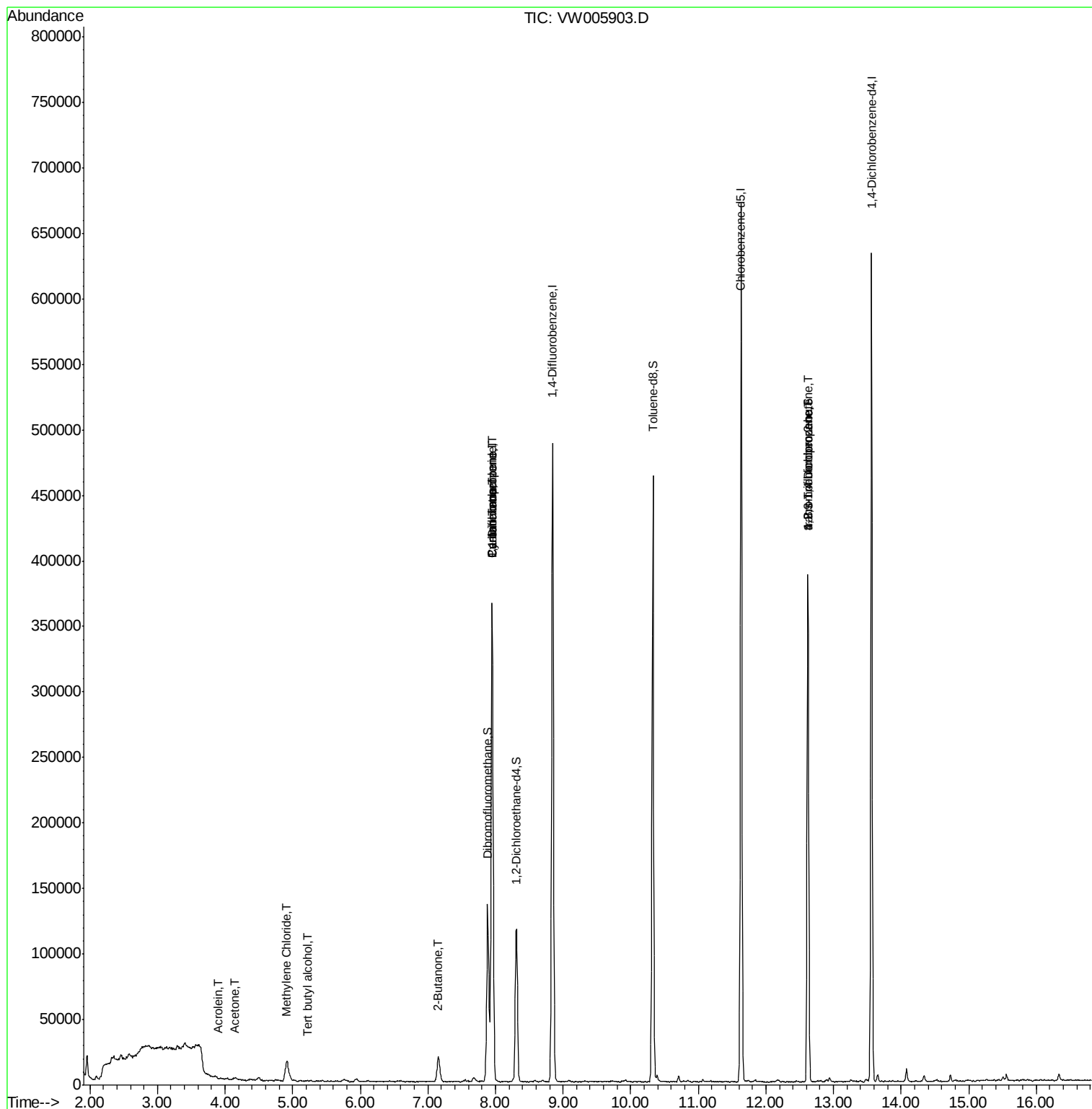
Target Compounds				Qvalue		
11) Tert butyl alcohol	5.22	59	1573	7.492	ug/l #	74
13) Acrolein	3.90	56	192	1.026	ug/l #	16
16) Acetone	4.15	43	1861	3.252	ug/l	90
20) Methylene Chloride	4.91	84	13137	4.582	ug/l	98
25) 2-Butanone	7.16	43	1264	1.553	ug/l #	74
31) Cyclohexane	7.95	56	5912	1.179	ug/l #	27
36) 1,1-Dichloropropene	7.95	75	19866	4.793	ug/l #	49
38) Carbon Tetrachloride	7.95	117	25848	5.805	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	58752	38.056	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	58752	80.340	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

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MSVOA_W

ClientSampleId :

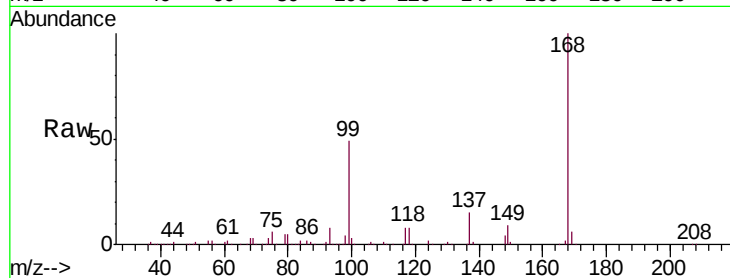
TRACK-D-1

Tgt Ion:168 Resp: 295108

Ion Ratio Lower Upper

168 100

99 48.9 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

150000

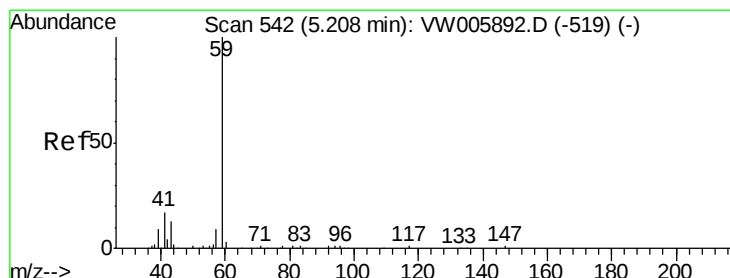
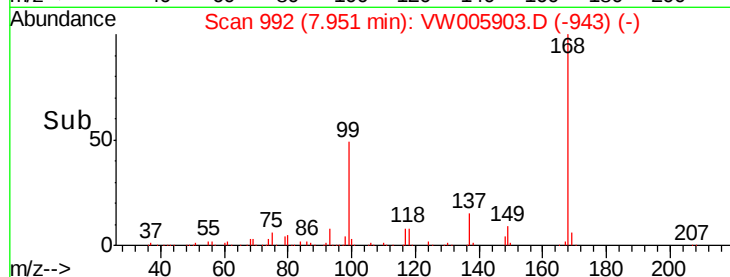
100000

50000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 7.492 ug/l

RT: 5.22 min Scan# 544

Delta R.T. 0.01 min

Lab File: VW005903.D

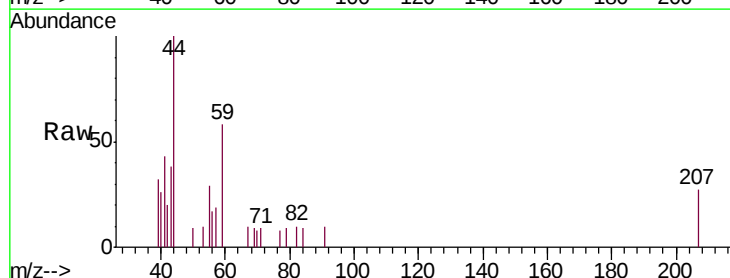
Acq: 08 Oct 2018 18:35

Tgt Ion: 59 Resp: 1573

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

5.22

400

300

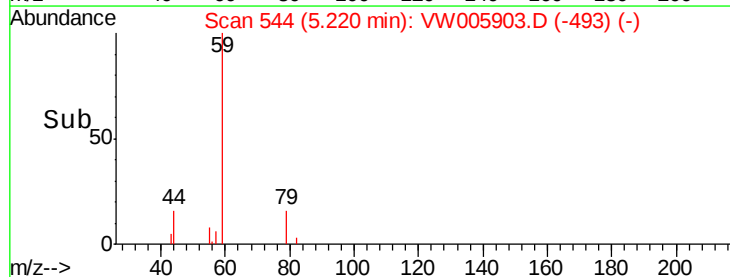
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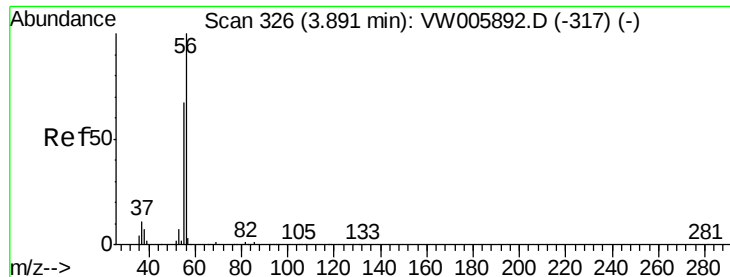
100

0

5.10 5.20 5.30

Time-->





#13

Acrolein

Concen: 1.026 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW005903.D

Acq: 08 Oct 2018 18:35

Instrument :

MSVOA_W

ClientSampled :

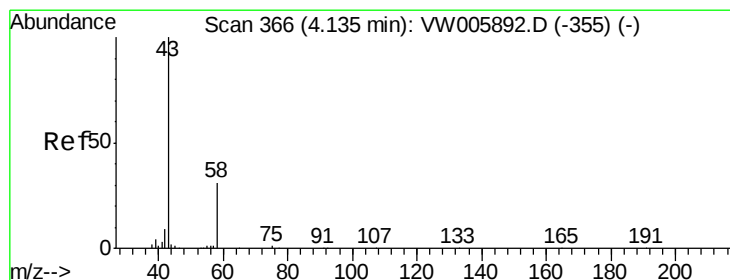
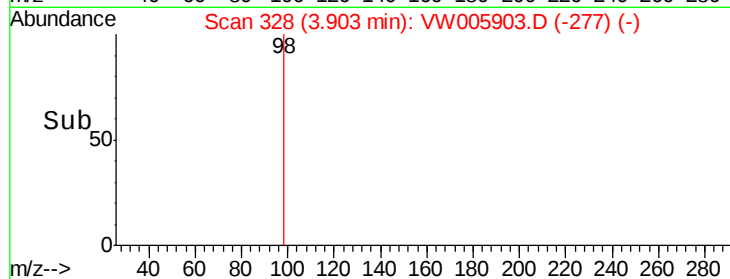
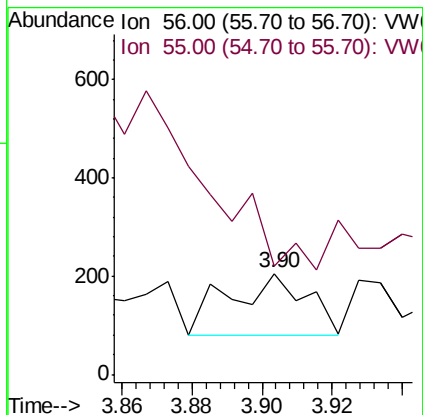
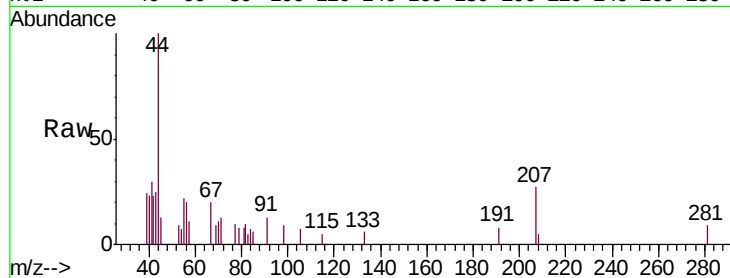
TRACK-D-1

Tgt Ion: 56 Resp: 192

Ion Ratio Lower Upper

56 100

55 0.0 54.6 82.0#



#16

Acetone

Concen: 3.252 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW005903.D

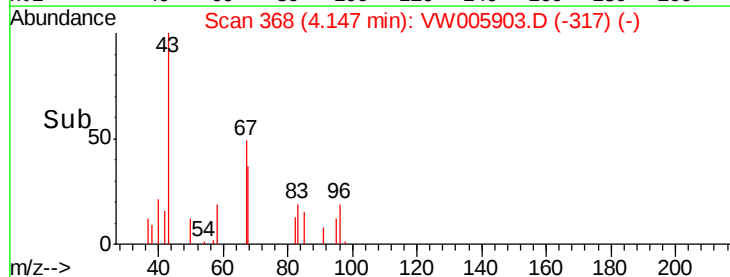
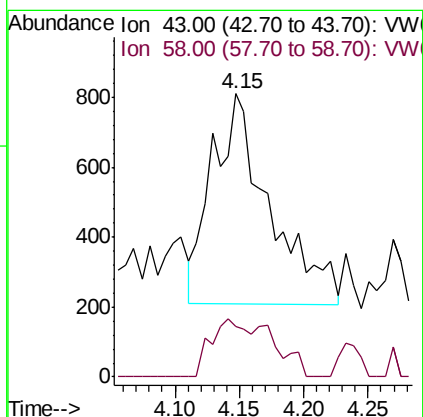
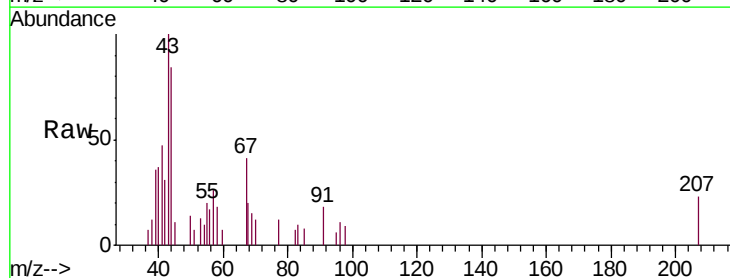
Acq: 08 Oct 2018 18:35

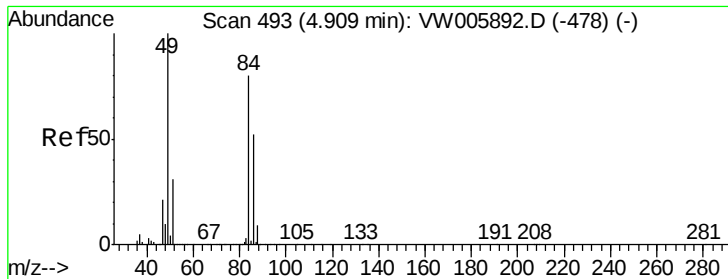
Tgt Ion: 43 Resp: 1861

Ion Ratio Lower Upper

43 100

58 25.3 24.7 37.1

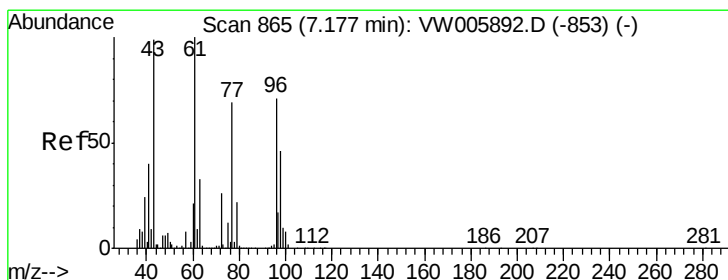
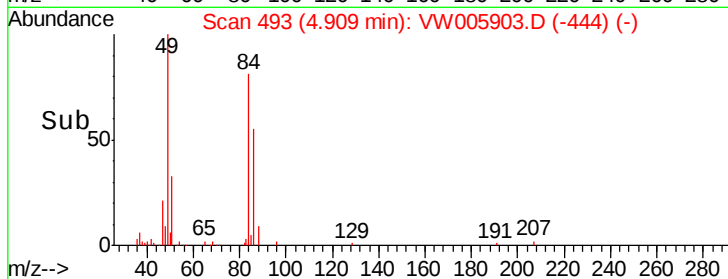
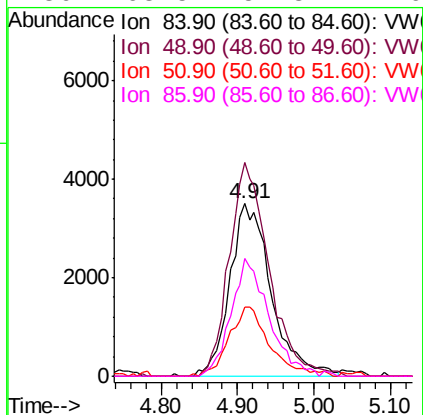
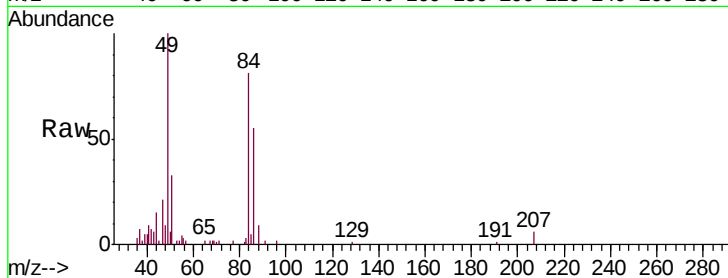




#20
Methylene Chloride
Concen: 4.582 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW005903.D
Acq: 08 Oct 2018 18:35

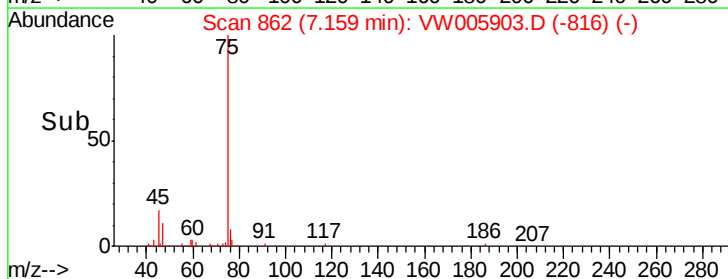
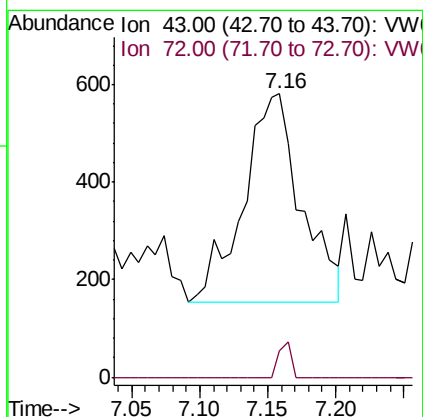
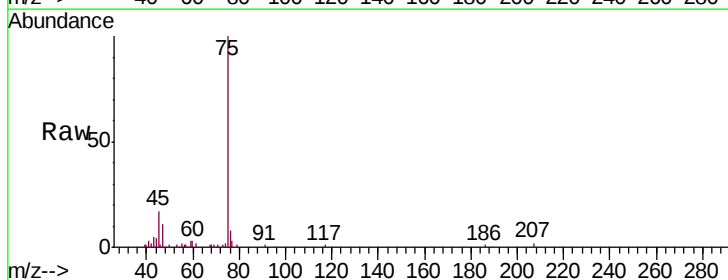
Instrument :
MSVOA_W
ClientSampleId :
TRACK-D-1

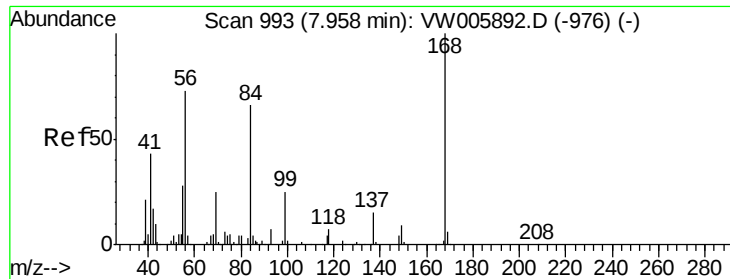
Tgt Ion:	84	Resp:	13137
Ion	Ratio	Lower	Upper
84	100		
49	123.9	99.9	149.9
51	40.4	31.1	46.7
86	68.5	51.8	77.6



#25
2-Butanone
Concen: 1.553 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: VW005903.D
Acq: 08 Oct 2018 18:35

Tgt Ion:	43	Resp:	1264
Ion	Ratio	Lower	Upper
43	100		
72	12.9	21.0	31.4#

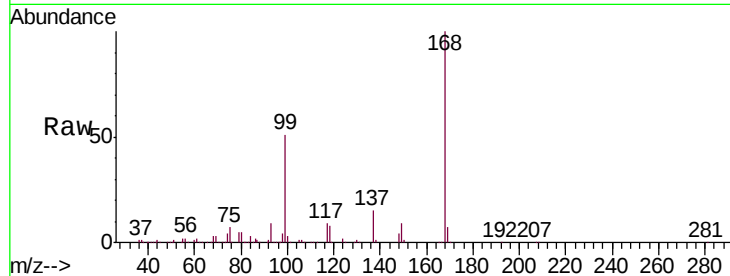




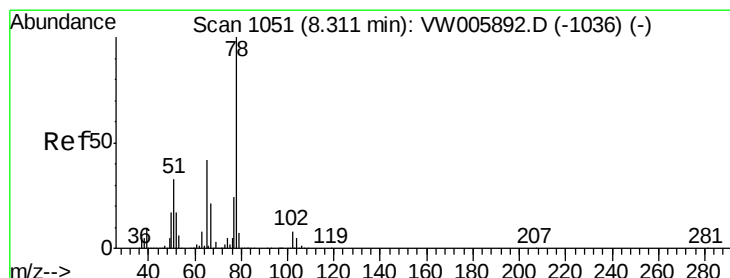
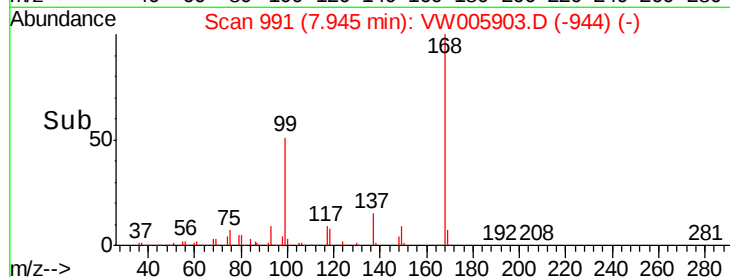
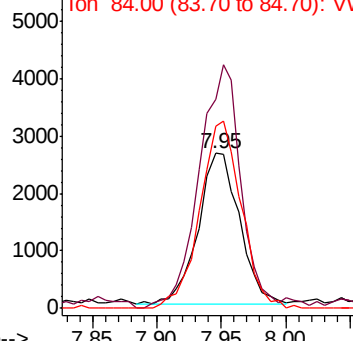
#31
Cyclohexane
Concen: 1.179 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW005903.D
Acq: 08 Oct 2018 18:35

Instrument :
MSVOA_W
ClientSampled :
TRACK-D-1

Tgt Ion: 56 Resp: 5912
Ion Ratio Lower Upper
56 100
69 138.2 27.9 41.9#
84 120.7 72.3 108.5#

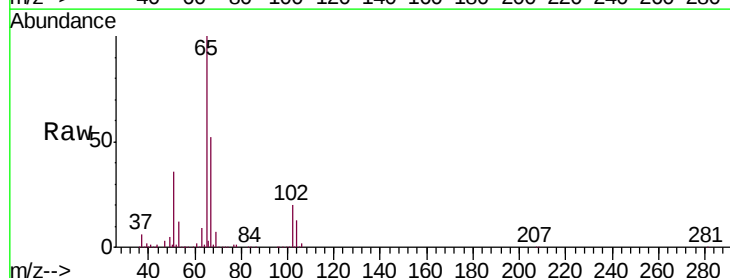


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

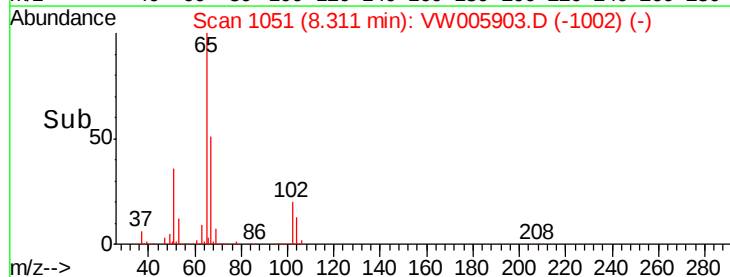
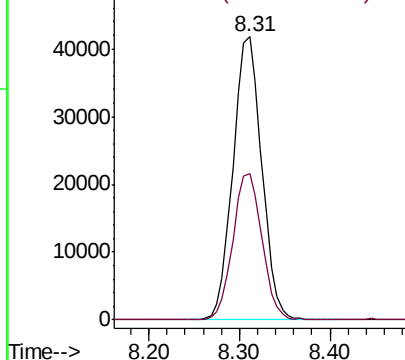


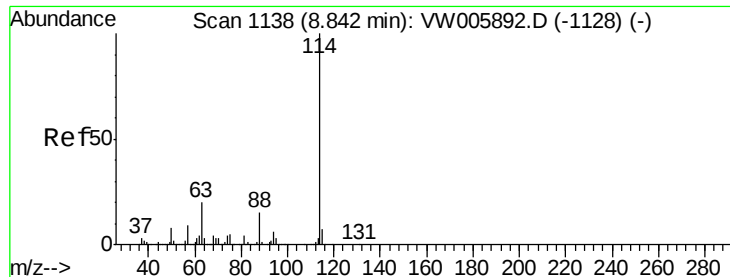
#33
1,2-Dichloroethane-d4
Concen: 32.153 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005903.D
Acq: 08 Oct 2018 18:35

Tgt Ion: 65 Resp: 92112
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.6



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

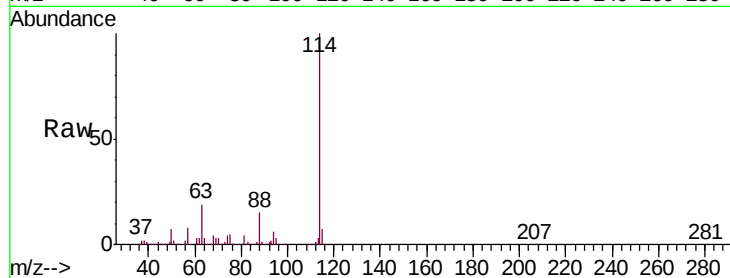




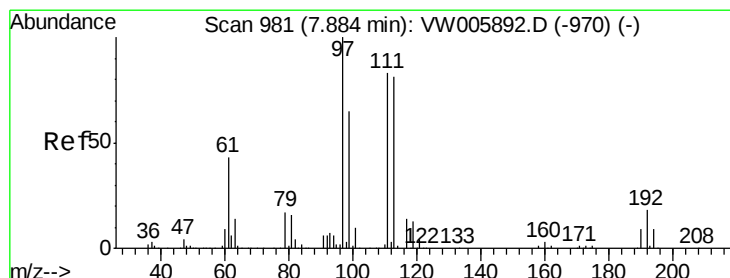
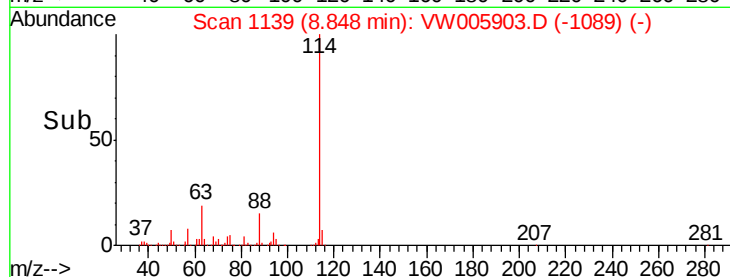
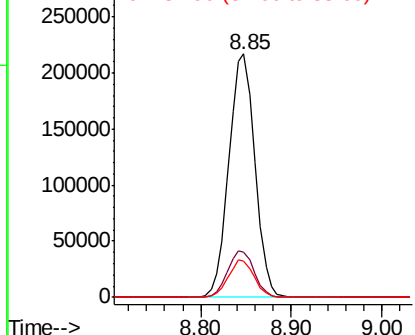
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005903.D
 Acq: 08 Oct 2018 18:35

Instrument :
 MSVOA_W
 ClientSampleId :
 TRACK-D-1

Tgt Ion:114 Resp: 432529
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.2
 88 14.9 0.0 30.8

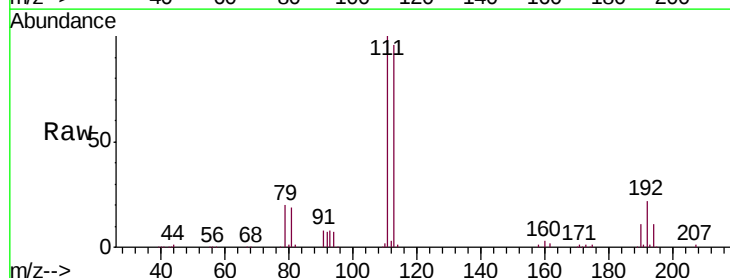


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

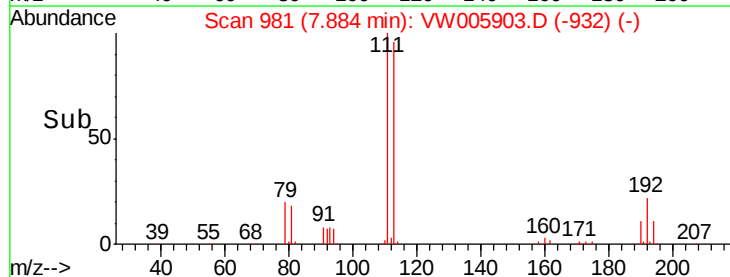
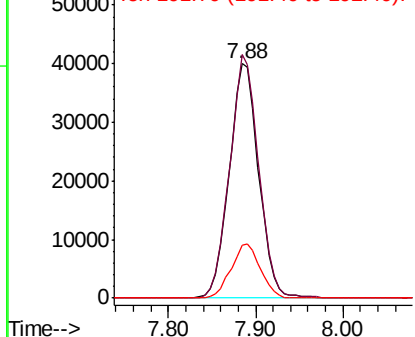


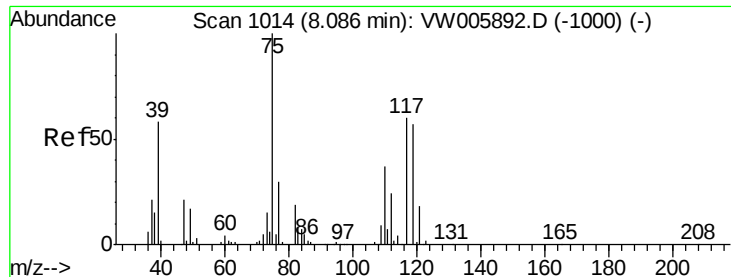
#35
 Dibromofluoromethane
 Concen: 33.857 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005903.D
 Acq: 08 Oct 2018 18:35

Tgt Ion:113 Resp: 93497
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.0 123.0
 192 22.9 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

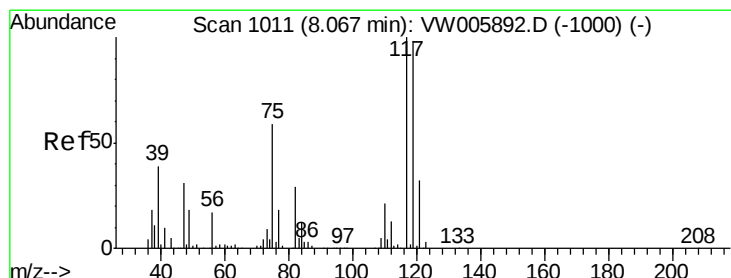
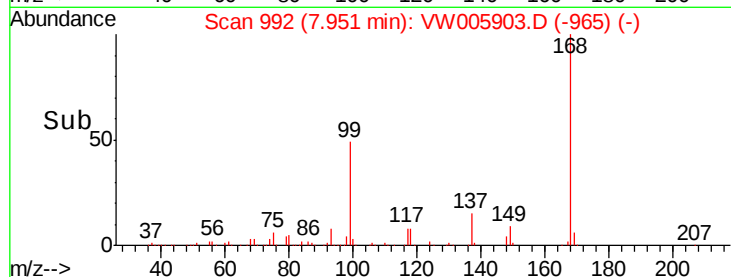
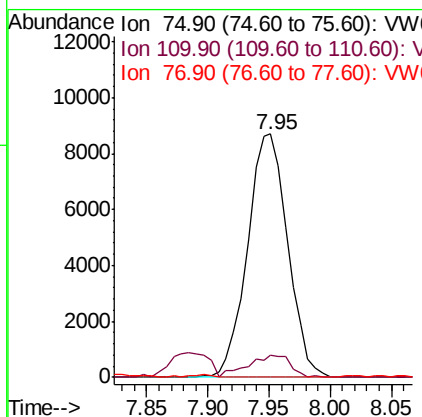
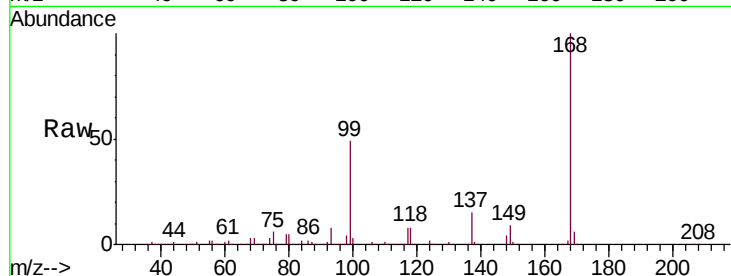




#36
 1,1-Dichloropropene
 Concen: 4.793 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005903.D
 Acq: 08 Oct 2018 18:35

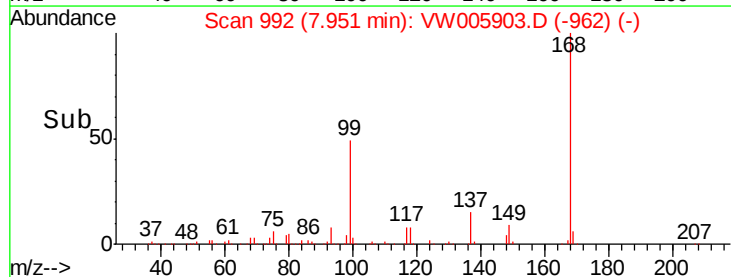
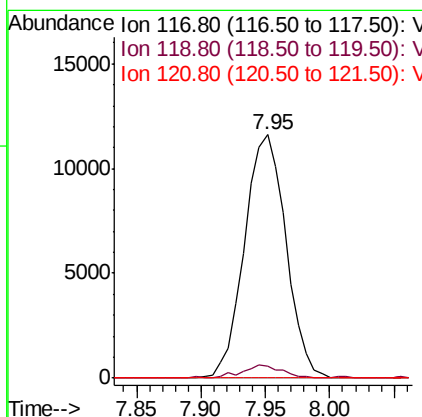
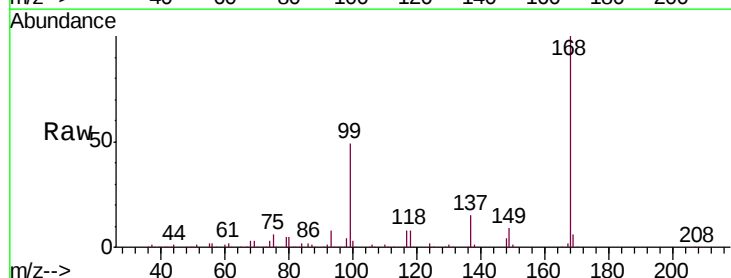
Instrument :
 MSVOA_W
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 TRACK-D-1

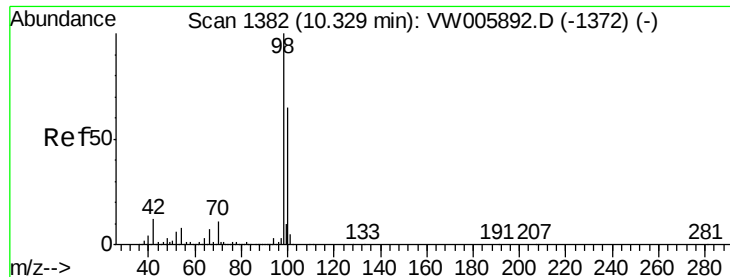
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.6	56.0#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.805 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW005903.D
 Acq: 08 Oct 2018 18:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	78.6	117.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 29.760 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005903.D

Acq: 08 Oct 2018 18:35

Instrument :

MSVOA_W

ClientSampleId :

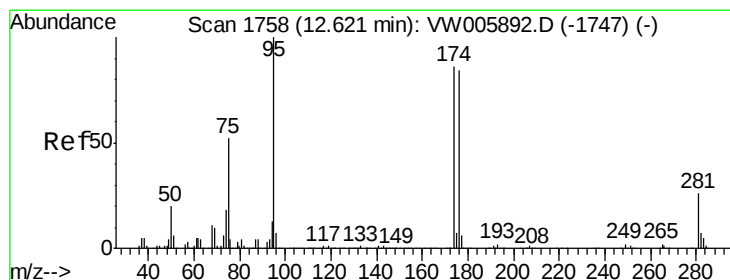
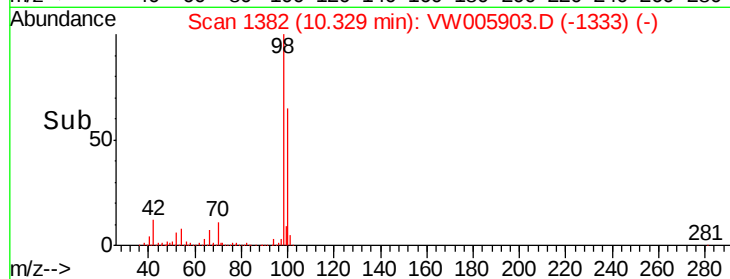
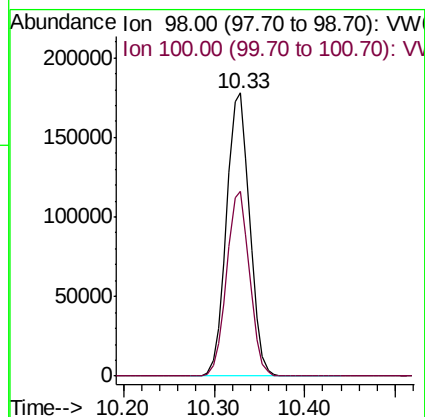
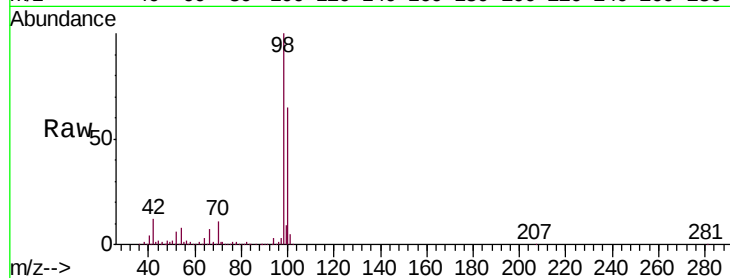
TRACK-D-1

Tgt Ion: 98 Resp: 316191

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 28.310 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005903.D

Acq: 08 Oct 2018 18:35

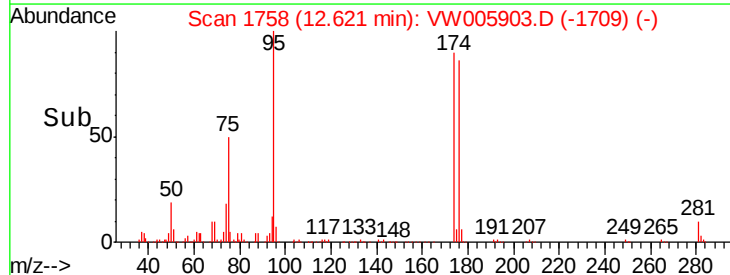
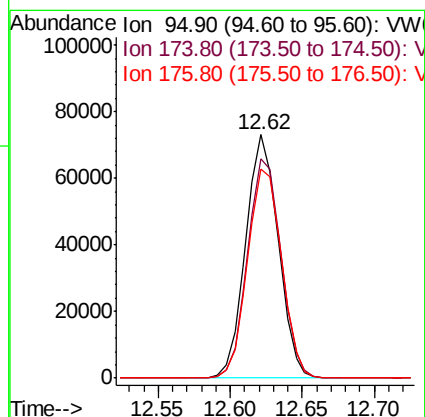
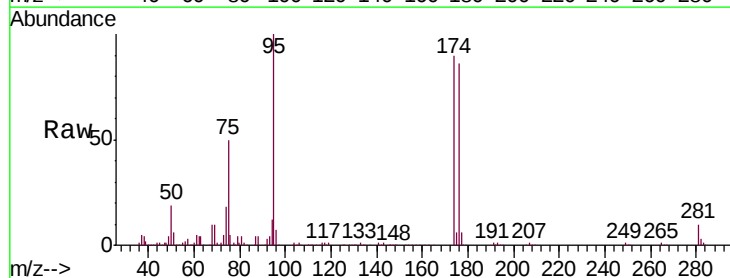
Tgt Ion: 95 Resp: 114439

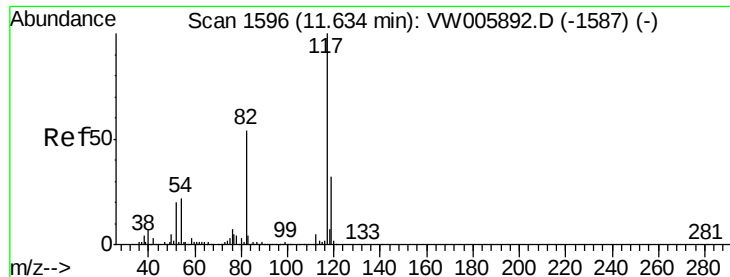
Ion Ratio Lower Upper

95 100

174 92.4 0.0 176.4

176 89.6 0.0 173.0

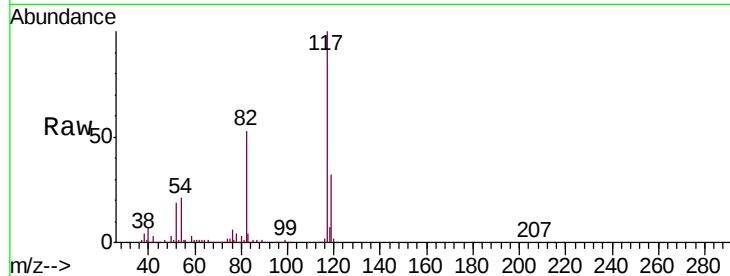




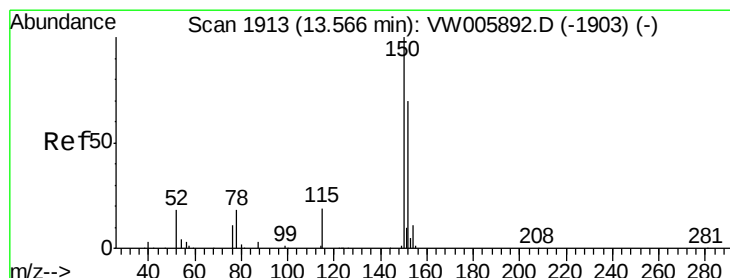
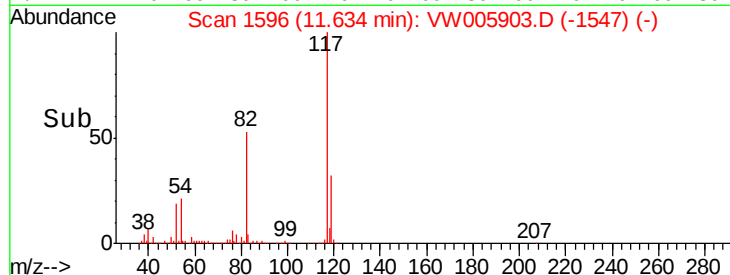
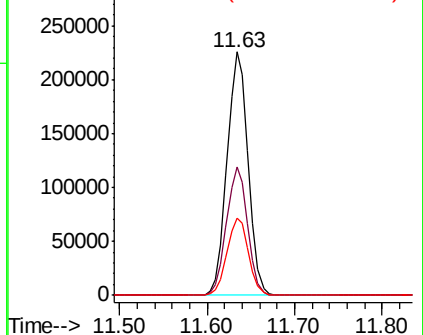
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005903.D
Acq: 08 Oct 2018 18:35

Instrument :
MSVOA_W
ClientSampleId :
TRACK-D-1

Tgt Ion:117 Resp: 376593
Ion Ratio Lower Upper
117 100
82 52.7 43.5 65.3
119 31.6 25.4 38.2

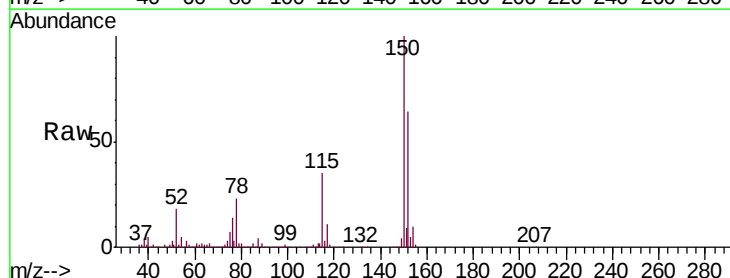


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

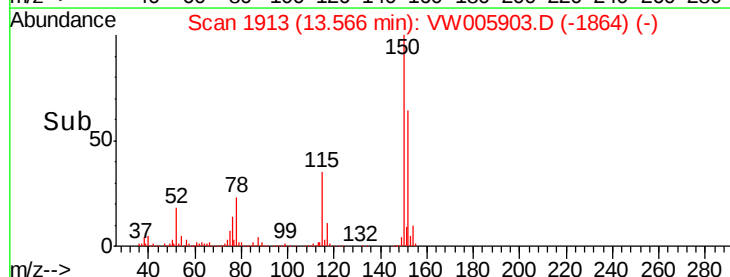
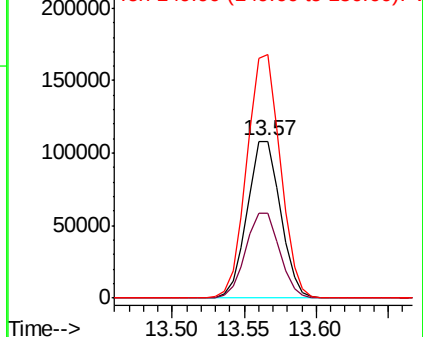


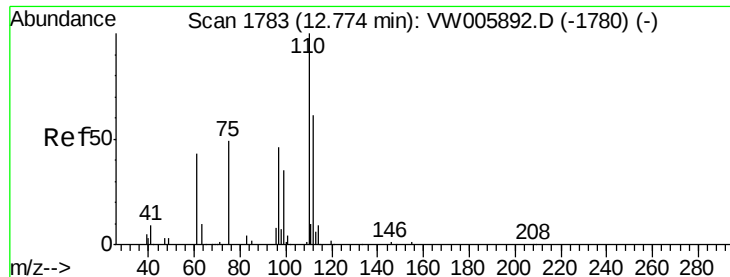
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005903.D
Acq: 08 Oct 2018 18:35

Tgt Ion:152 Resp: 172828
Ion Ratio Lower Upper
152 100
115 55.4 28.3 85.0
150 155.9 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

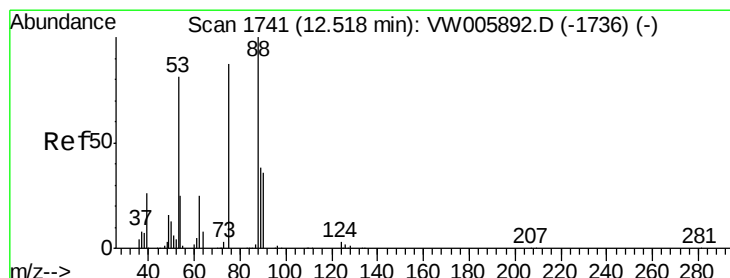
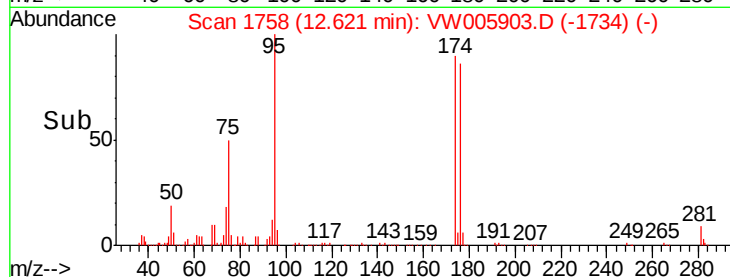
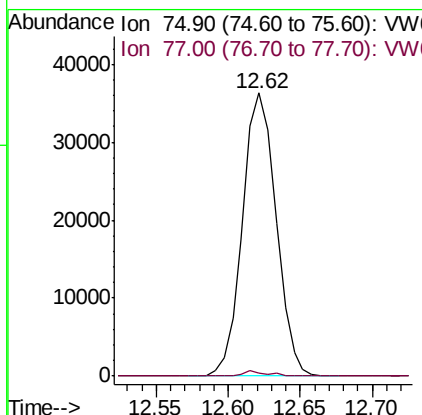
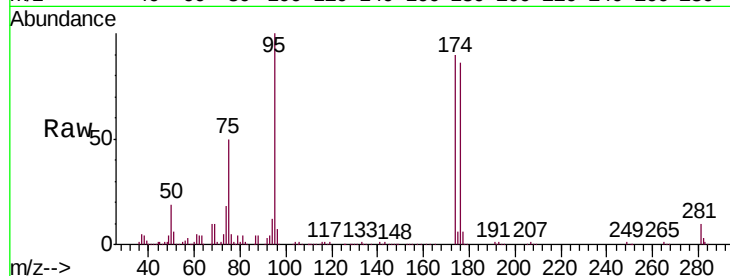




#76
 1,2,3-Trichloropropane
 Concen: 38.056 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW005903.D
 Acq: 08 Oct 2018 18:35

Instrument :
 MSVOA_W
 ClientSampled :
 TRACK-D-1

Tgt Ion: 75 Resp: 58752
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.340 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW005903.D
 Acq: 08 Oct 2018 18:35

Tgt Ion: 75 Resp: 58752
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.5 114.7#
 89 0.0 37.6 56.4#

