

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
 Data File : VW008123.D
 Acq On : 10 Jan 2019 01:51
 Operator : SY/AP
 Sample : K1083-01RE
 Misc : 5.09G/5ML/MSVOA_W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OILY-STONESRE

Quant Time: Jan 10 06:02:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	67610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	122595	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	109274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	48744	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	42967	56.54	ug/l	0.00
Spiked Amount			Recovery	=	113.08%	
35) Dibromofluoromethane	7.88	113	38553	53.92	ug/l	0.00
Spiked Amount			Recovery	=	107.84%	
50) Toluene-d8	10.32	98	155566	51.85	ug/l	0.00
Spiked Amount			Recovery	=	103.70%	
62) 4-Bromofluorobenzene	12.62	95	50910	47.33	ug/l	0.00
Spiked Amount			Recovery	=	94.66%	

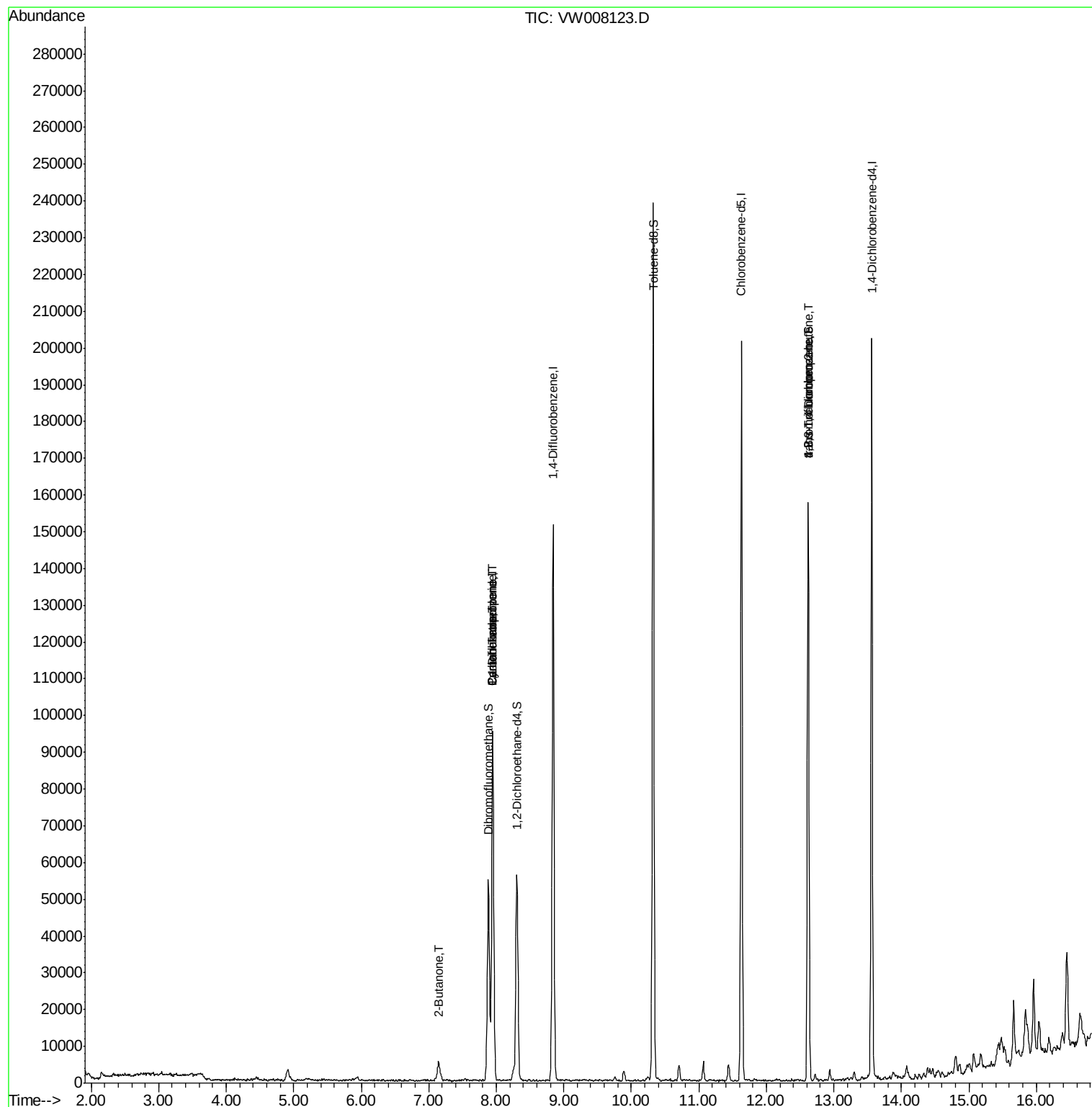
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	1250	Below Cal	#	100
13) Acrolein	3.88	56	48	Below Cal	#	70
16) Acetone	4.14	43	694	Below Cal		90
20) Methylene Chloride	4.92	84	2082	Below Cal		88
25) 2-Butanone	7.14	43	332	1.570	ug/l #	49
31) Cyclohexane	7.94	56	1638	1.024	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	5936	4.700	ug/l #	50
38) Carbon Tetrachloride	7.95	117	7369	6.375	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	25983	58.474	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	25983	136.167	ug/l #	10

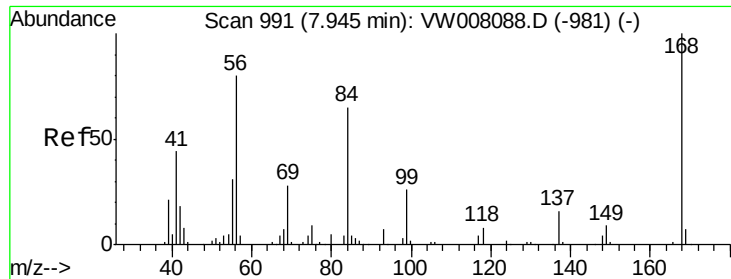
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008123.D

Acq: 10 Jan 2019 01:51

Instrument :

MSVOA_W

ClientSampleId :

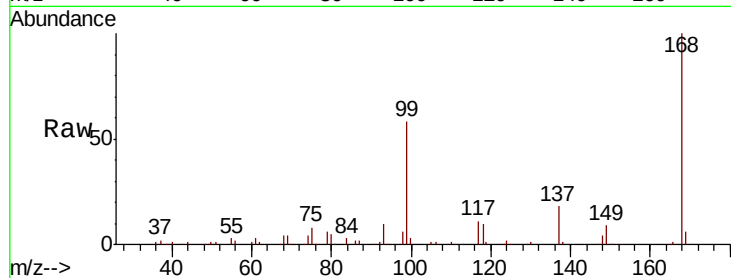
OILY-STONESRE

Tgt Ion: 168 Resp: 67610

Ion Ratio Lower Upper

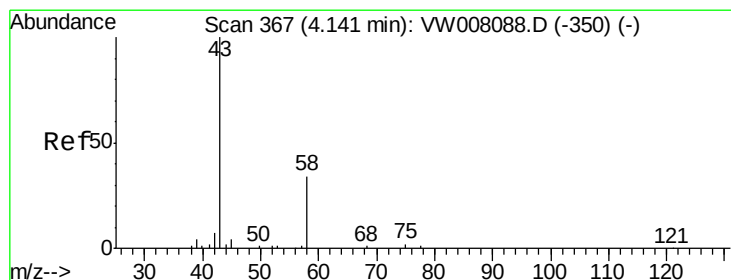
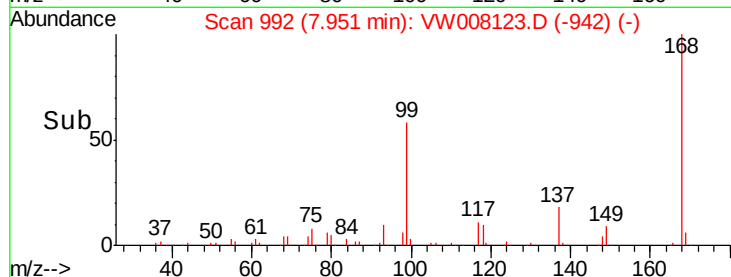
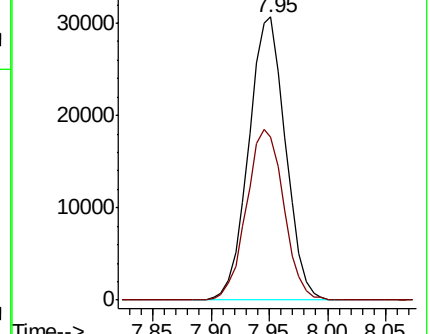
168 100

99 57.8 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

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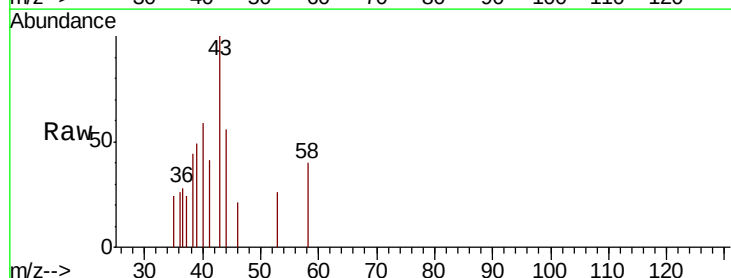
Acq: 10 Jan 2019 01:51

Tgt Ion: 43 Resp: 694

Ion Ratio Lower Upper

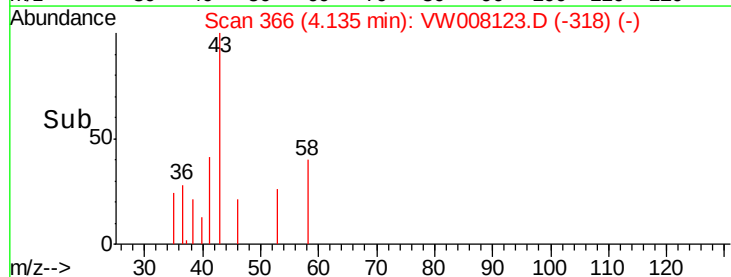
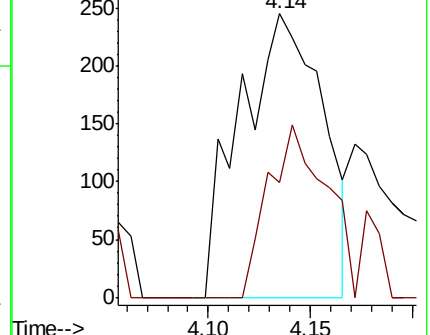
43 100

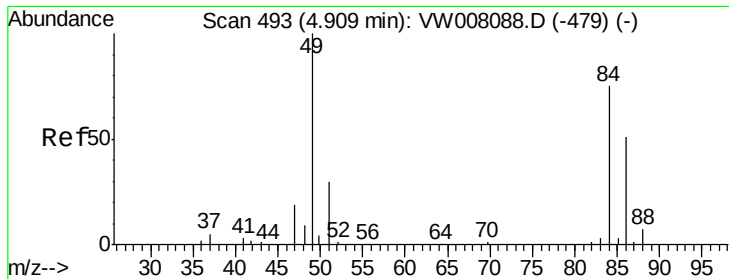
58 40.4 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

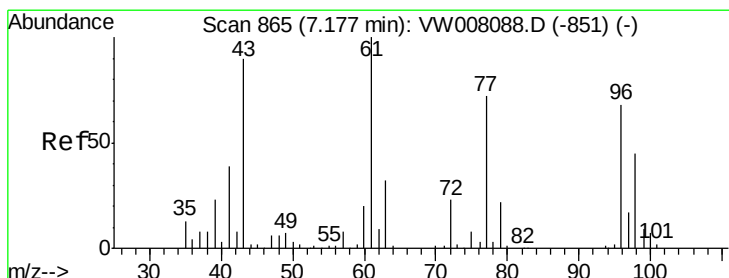
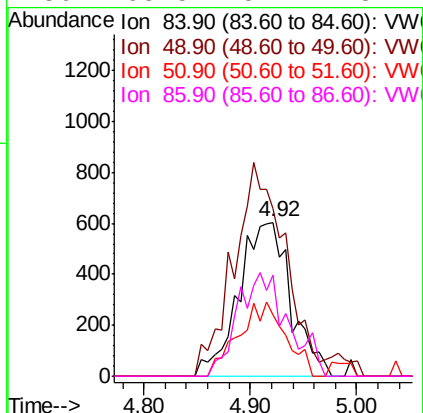
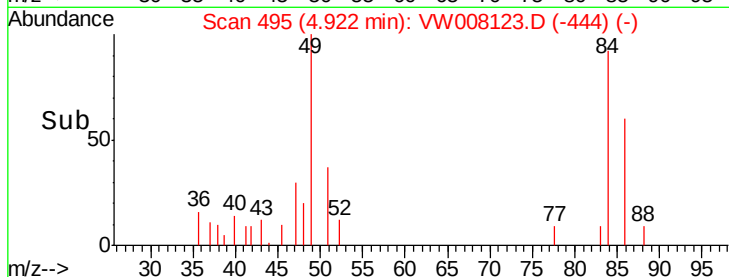
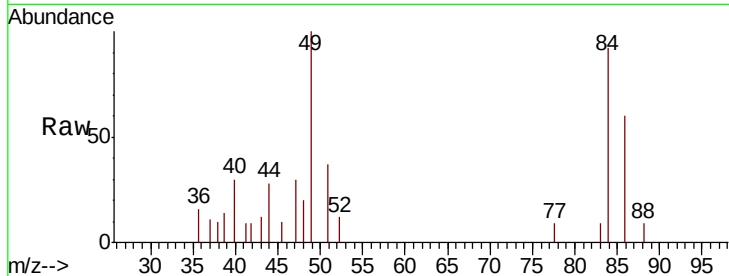




#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW008123.D
Acq: 10 Jan 2019 01:51

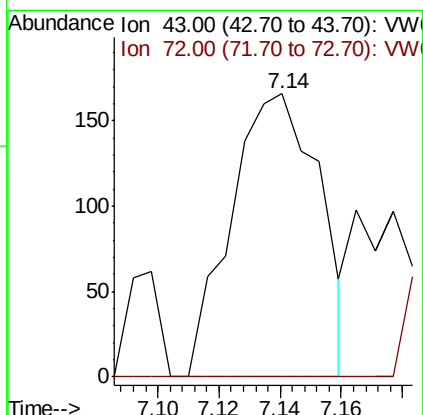
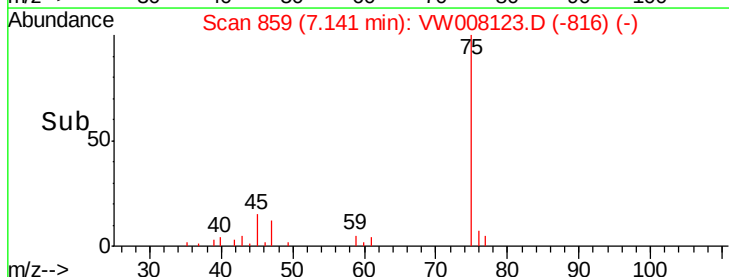
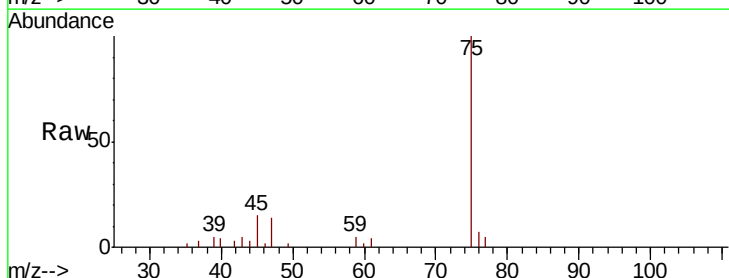
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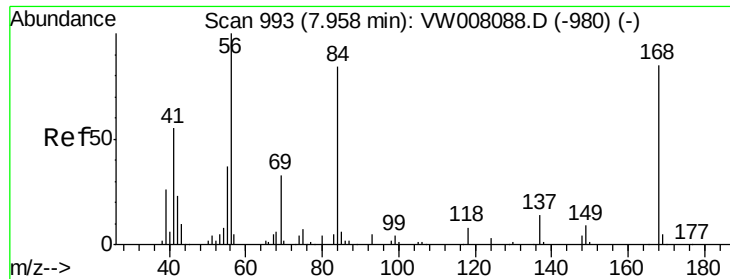
Tgt Ion: 84 Resp: 2082
Ion Ratio Lower Upper
84 100
49 109.1 107.1 160.7
51 40.1 32.4 48.6
86 65.5 54.2 81.4



#25
2-Butanone
Concen: 1.570 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.04 min
Lab File: VW008123.D
Acq: 10 Jan 2019 01:51

Tgt Ion: 43 Resp: 332
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#

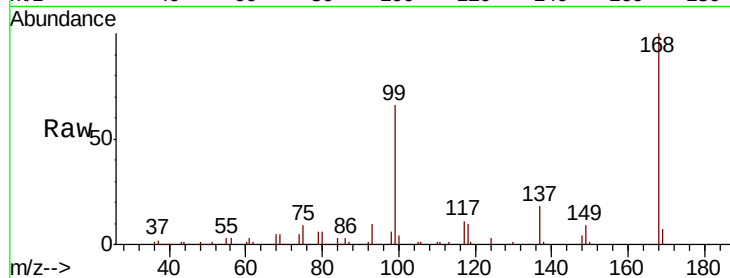




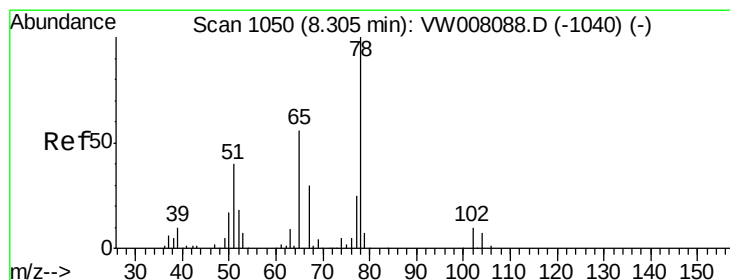
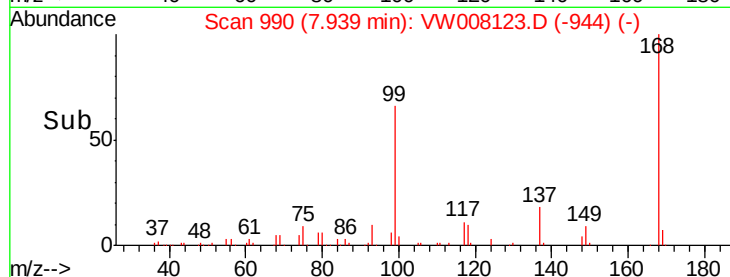
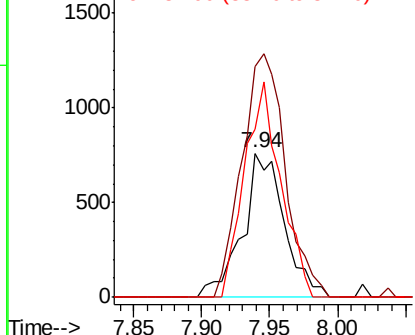
#31
Cyclohexane
Concen: 1.024 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.02 min
Lab File: VW008123.D
Acq: 10 Jan 2019 01:51

Instrument :
MSVOA_W
ClientSampleId :
OILY-STONESRE

Tgt Ion: 56 Resp: 1638
Ion Ratio Lower Upper
56 100
69 159.8 26.2 39.4#
84 130.5 67.4 101.2#

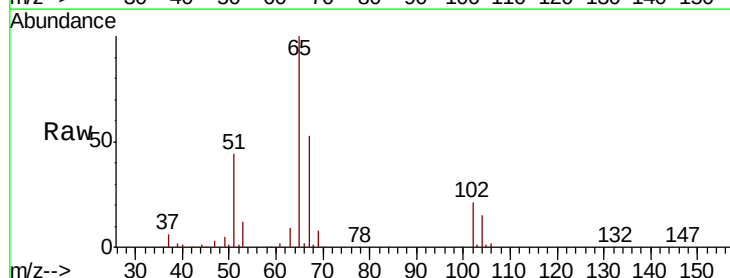


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

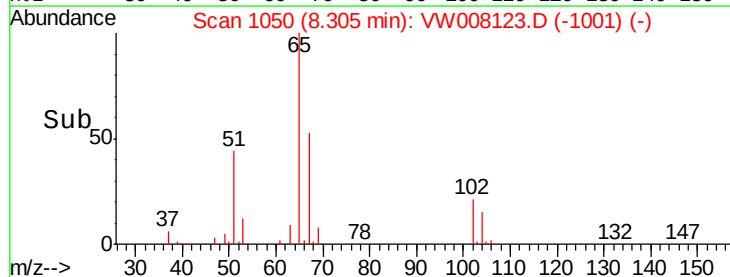
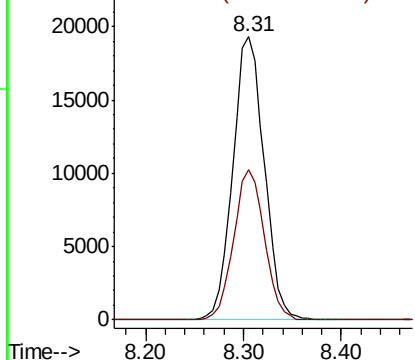


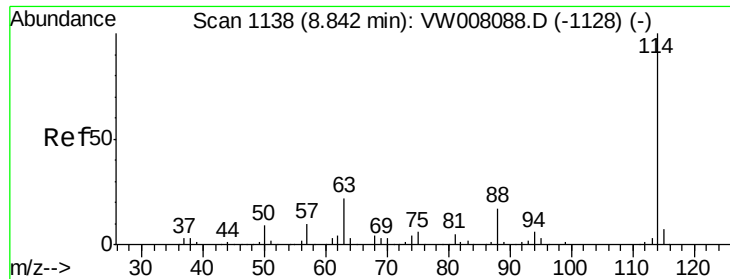
#33
1,2-Dichloroethane-d4
Concen: 56.545 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008123.D
Acq: 10 Jan 2019 01:51

Tgt Ion: 65 Resp: 42967
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.8



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

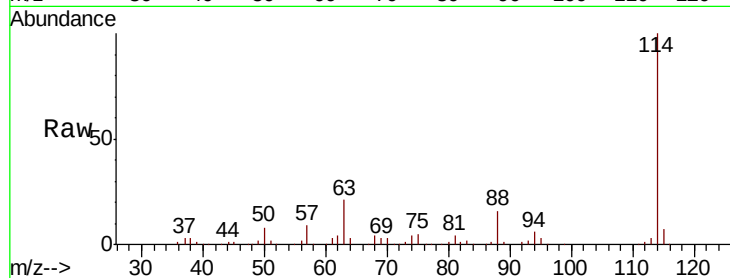




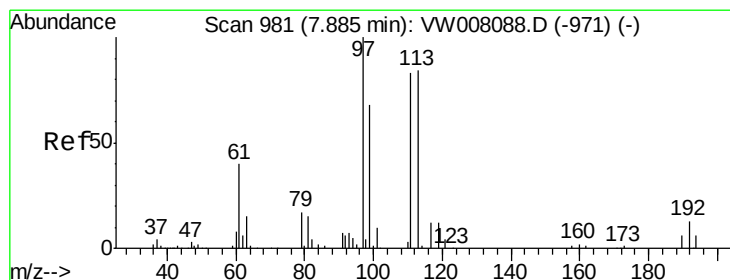
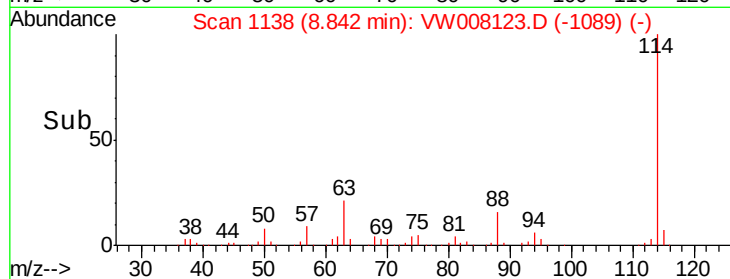
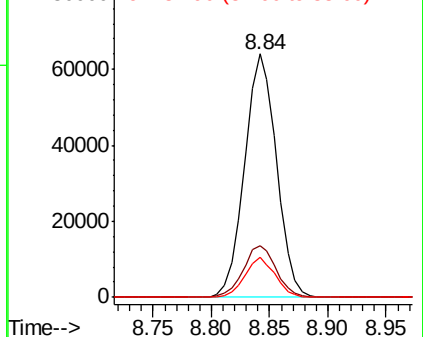
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW008123.D
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Tgt Ion:114 Resp: 122595
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.4
88 16.3 0.0 33.4

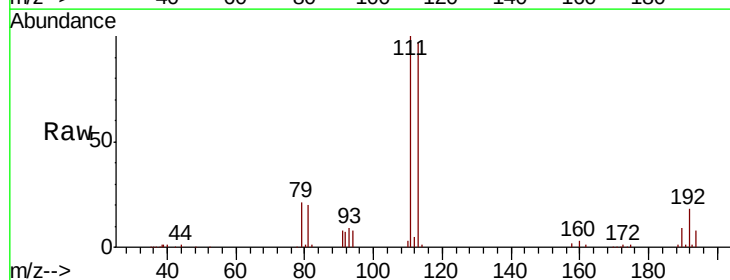


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

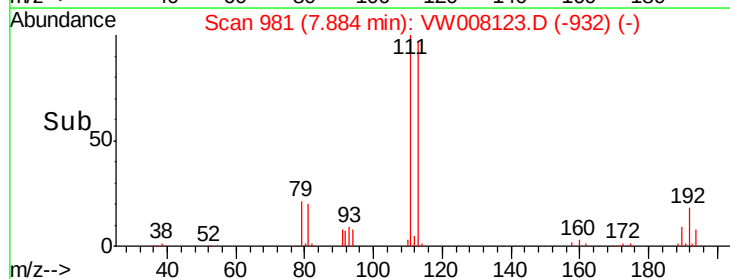
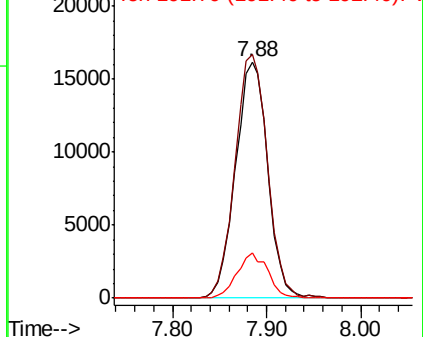


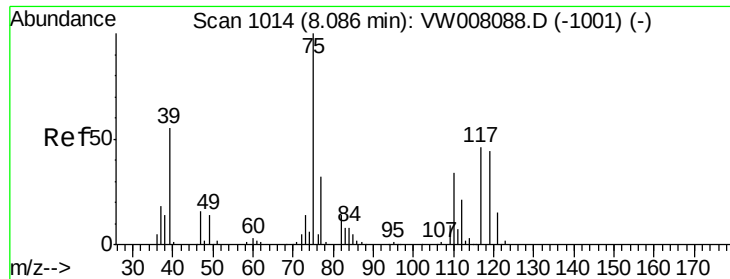
#35
Dibromofluoromethane
Concen: 53.919 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW008123.D
Acq: 10 Jan 2019 01:51

Tgt Ion:113 Resp: 38553
Ion Ratio Lower Upper
113 100
111 104.0 81.8 122.8
192 18.3 12.8 19.2



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

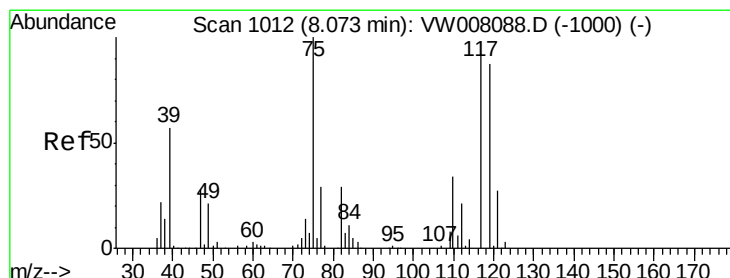
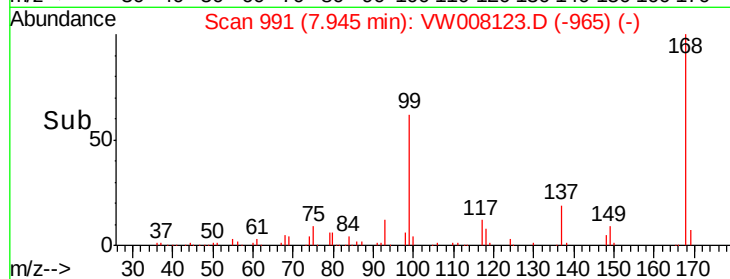
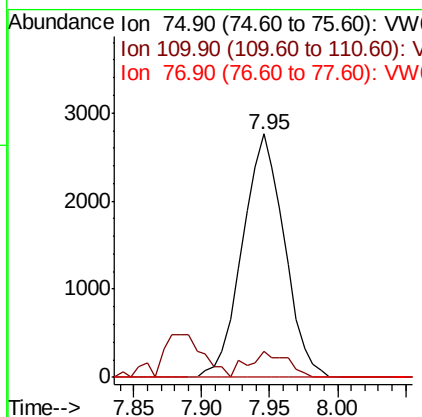
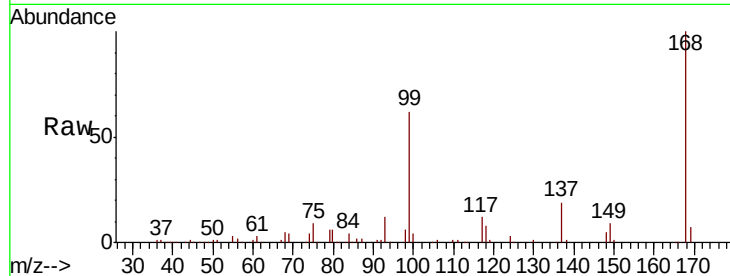




#36
 1,1-Dichloropropene
 Concen: 4.700 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW008123.D
 Acq: 10 Jan 2019 01:51

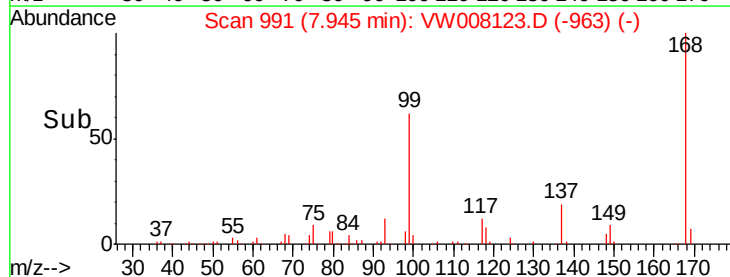
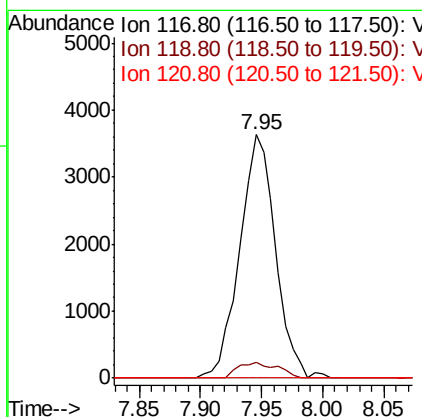
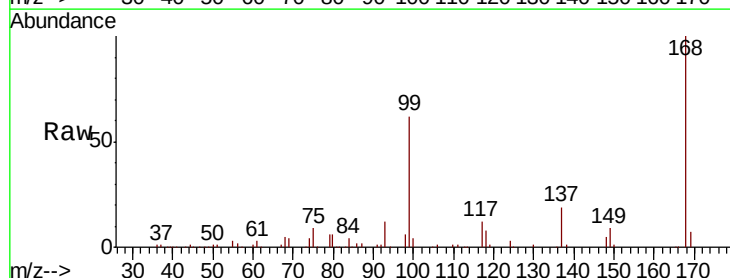
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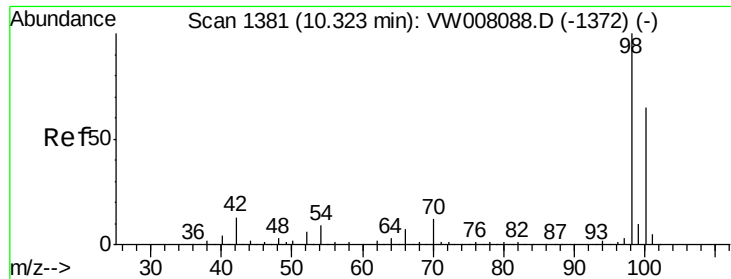
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.1	51.3#
77	0.0	25.5	38.3#



#38
 Carbon Tetrachloride
 Concen: 6.375 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008123.D
 Acq: 10 Jan 2019 01:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.4	75.8	113.8#
121	0.0	23.7	35.5#

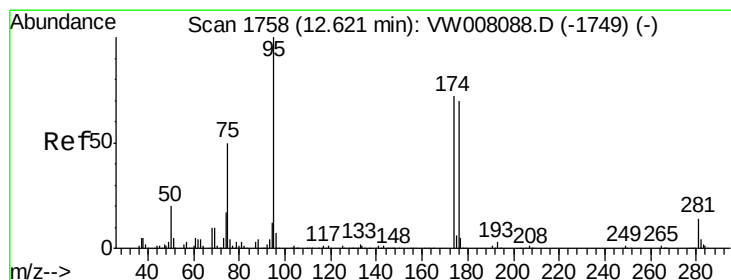
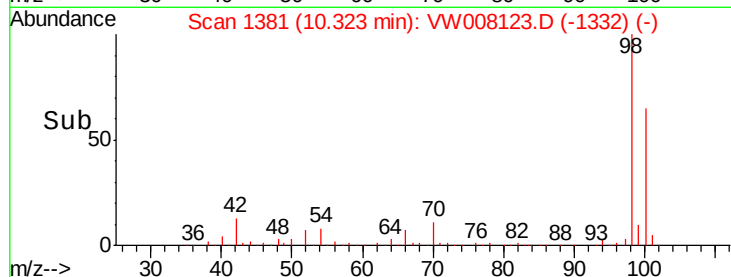
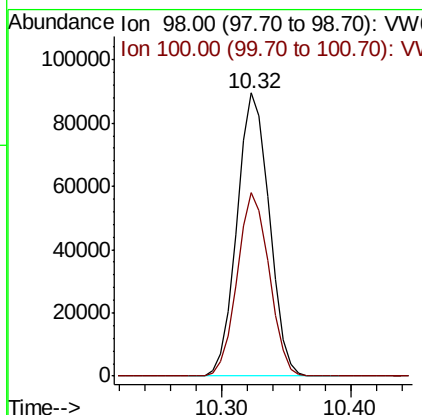
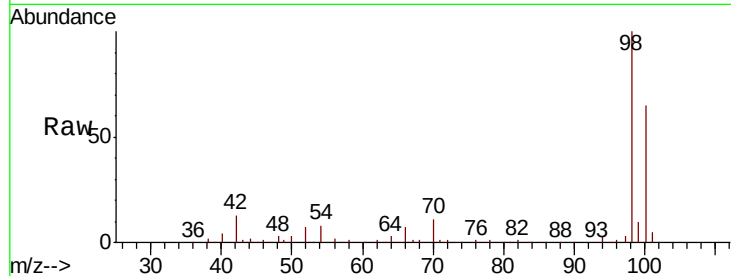




#50
Toluene-d8
Concen: 51.847 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008123.D
Acq: 10 Jan 2019 01:51

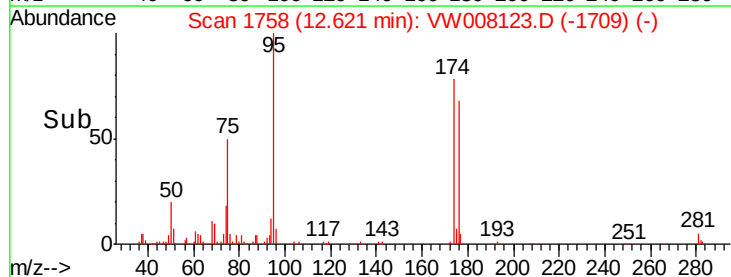
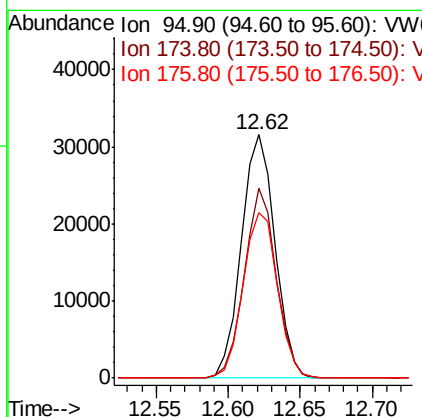
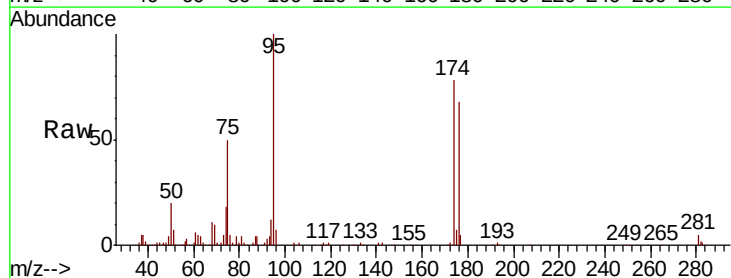
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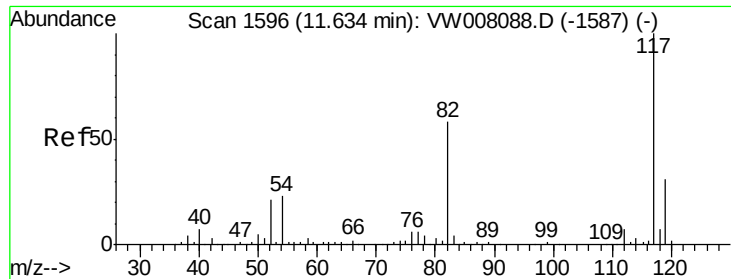
Tgt Ion: 98 Resp: 155566
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 47.328 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008123.D
Acq: 10 Jan 2019 01:51

Tgt Ion: 95 Resp: 50910
Ion Ratio Lower Upper
95 100
174 73.6 0.0 143.0
176 69.8 0.0 140.2

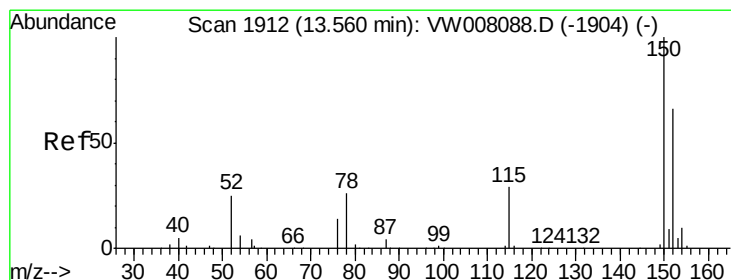
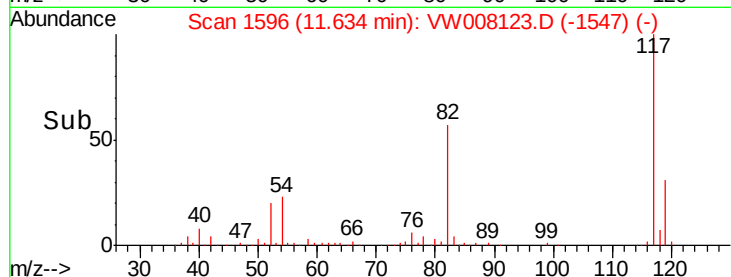
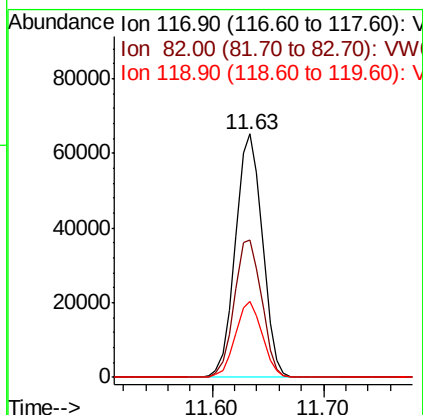
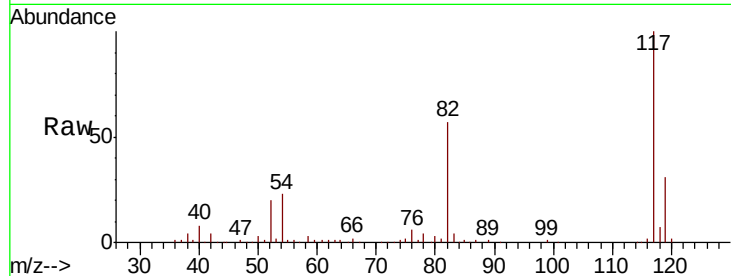




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.63 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: VW008123.D
 Acq: 10 Jan 2019 01:51

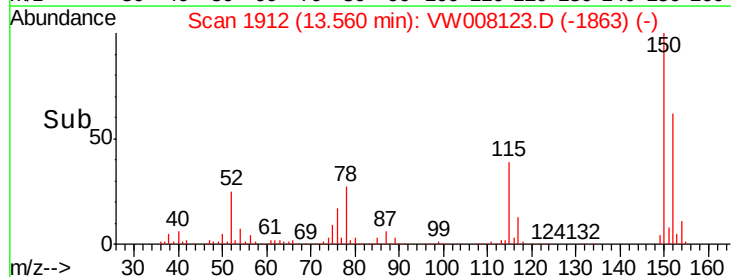
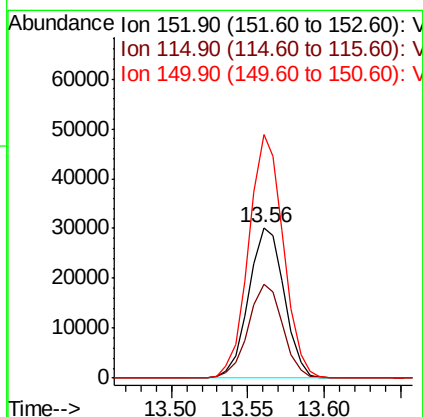
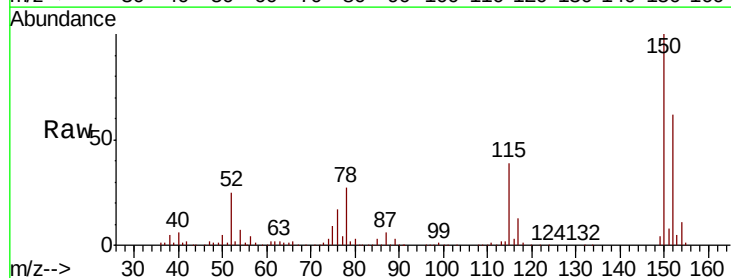
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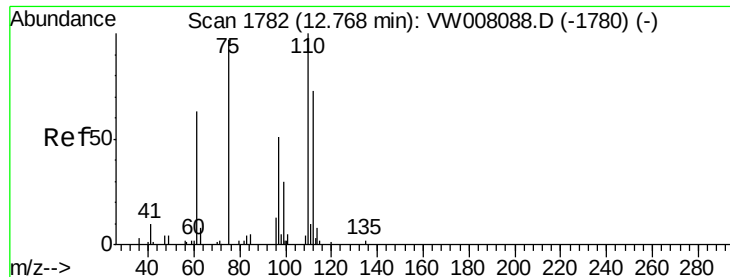
Tgt Ion:117 Resp: 109274
 Ion Ratio Lower Upper
 117 100
 82 56.6 46.4 69.6
 119 31.4 24.7 37.1



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW008123.D
 Acq: 10 Jan 2019 01:51

Tgt Ion:152 Resp: 48744
 Ion Ratio Lower Upper
 152 100
 115 60.7 30.8 92.4
 150 157.3 0.0 350.2





#76

1,2,3-Trichloropropane

Concen: 58.474 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008123.D

Acq: 10 Jan 2019 01:51

Instrument :

MSVOA_W

ClientSampleId :

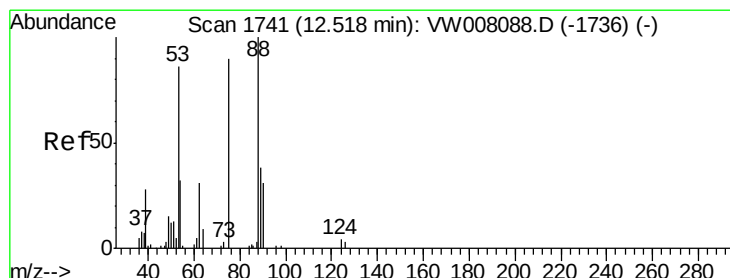
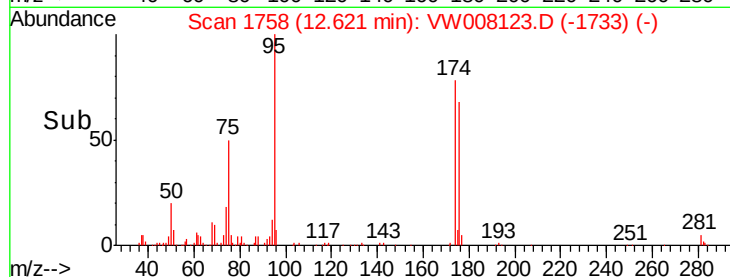
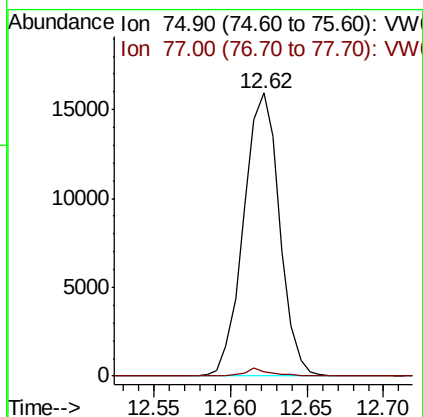
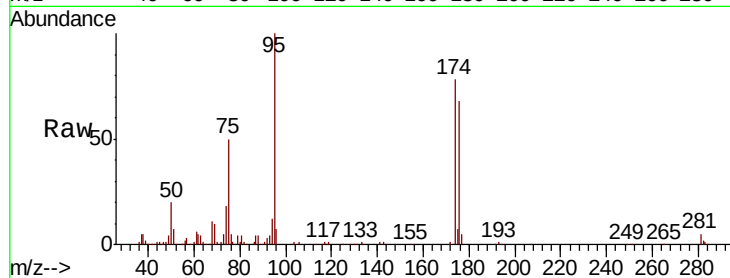
OILY-STONESRE

Tgt Ion: 75 Resp: 25983

Ion Ratio Lower Upper

75 100

77 1.9 179.4 538.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 136.167 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008123.D

Acq: 10 Jan 2019 01:51

Tgt Ion: 75 Resp: 25983

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.0 35.4 53.2#

