

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120418\
 Data File : VW007208.D
 Acq On : 05 Dec 2018 02:17
 Operator : SY/AP
 Sample : J6192-01RE
 Misc : 6.75G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HD-02-120318RE

Quant Time: Dec 05 07:25:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 2018
 Response via : Initial Calibration

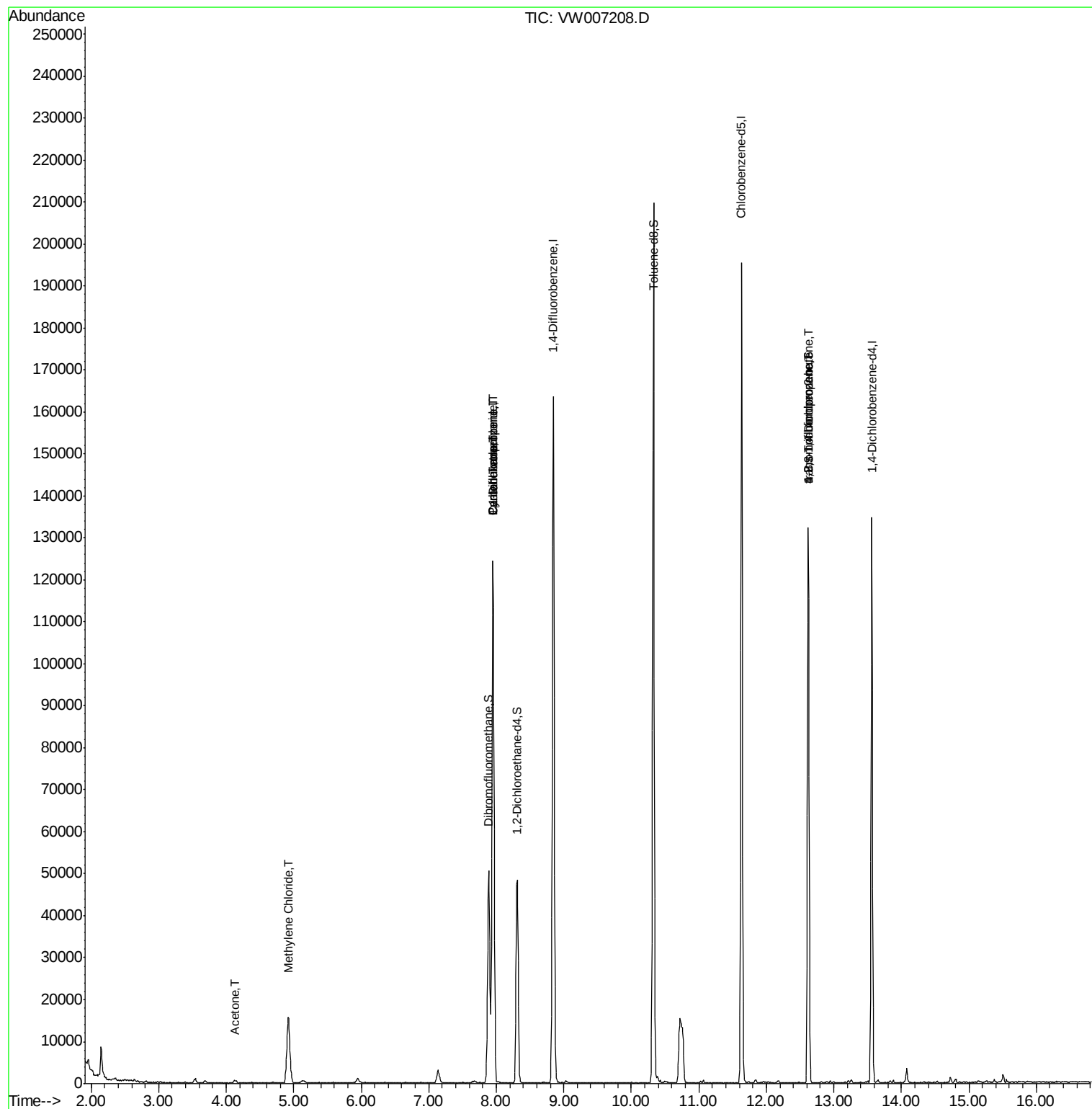
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	92848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	145837	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	114952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	37049	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	39376	45.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.10%	
35) Dibromofluoromethane	7.89	113	38320	45.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.78%	
50) Toluene-d8	10.33	98	143976	39.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.28%	
62) 4-Bromofluorobenzene	12.62	95	43863	31.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.18%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.14	59	526	Below Cal	#	75
16) Acetone	4.12	43	702	3.430	ug/l	90
20) Methylene Chloride	4.92	84	12530	7.751	ug/l	96
31) Cyclohexane	7.95	56	1879	1.095	ug/l #	17
36) 1,1-Dichloropropene	7.95	75	7137	5.030	ug/l #	49
38) Carbon Tetrachloride	7.95	117	9633	6.651	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	21655	38.894	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	21655	162.700	ug/l #	13

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 04 14:18:19 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007208.D

Acq: 05 Dec 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

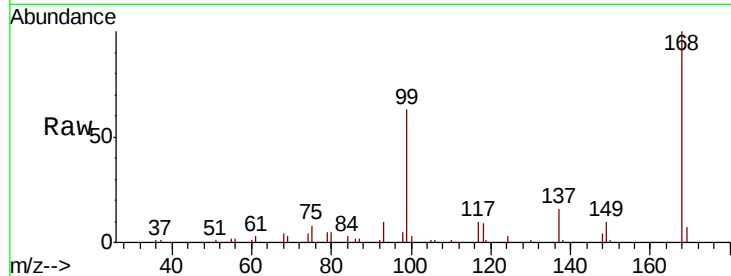
HD-02-120318RE

Tot Ion:168 Resp: 92848

Ion Ratio Lower Upper

168 100

99 63.1 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

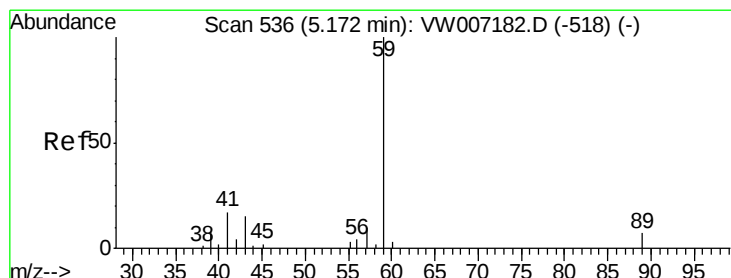
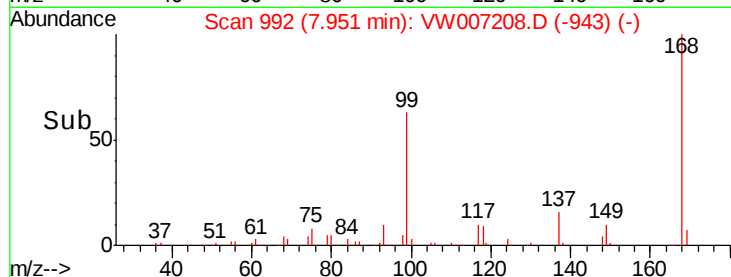
30000

20000

10000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.14 min Scan# 531

Delta R.T. -0.03 min

Lab File: VW007208.D

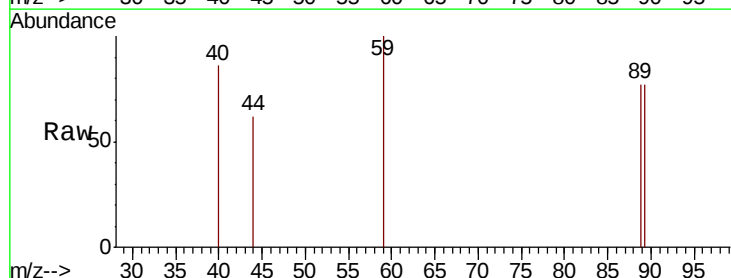
Acq: 05 Dec 2018 02:17

Tgt Ion: 59 Resp: 526

Ion Ratio Lower Upper

59 100

57 0.0 7.1 10.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.14

200

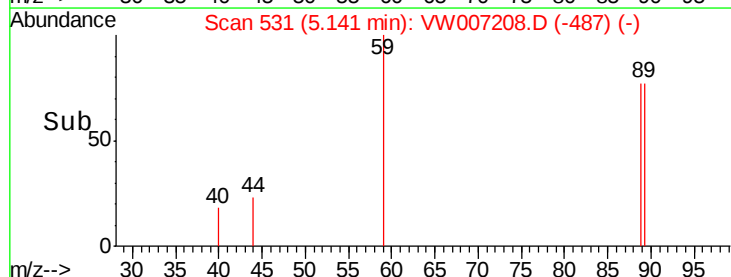
150

100

50

0

Time--> 5.05 5.10 5.15 5.20





#16

Acetone

Concen: 3.430 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW007208.D

Acq: 05 Dec 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

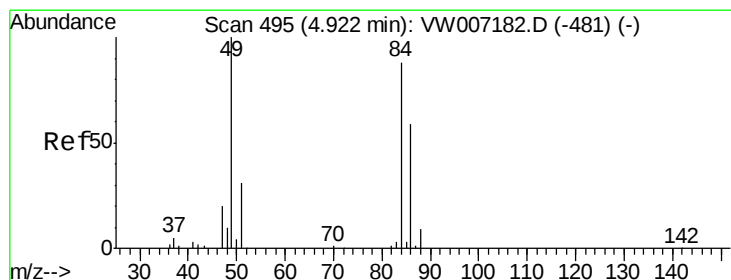
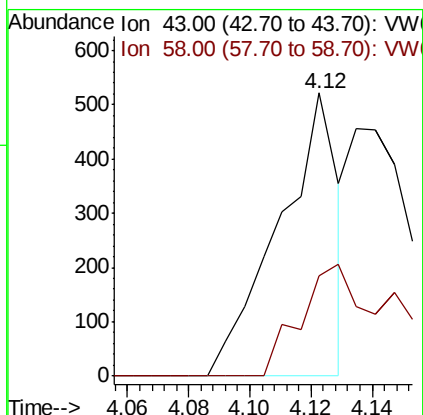
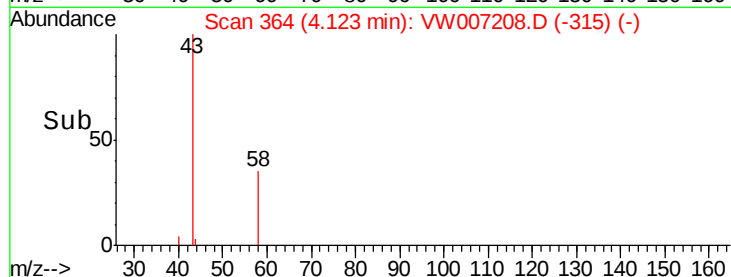
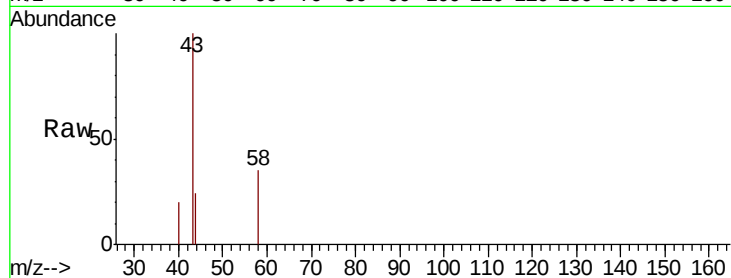
HD-02-120318RE

Tot Ion: 43 Resp: 702

Ion Ratio Lower Upper

43 100

58 35.2 23.8 35.8



#20

Methylene Chloride

Concen: 7.751 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW007208.D

Acq: 05 Dec 2018 02:17

Tgt Ion: 84 Resp: 12530

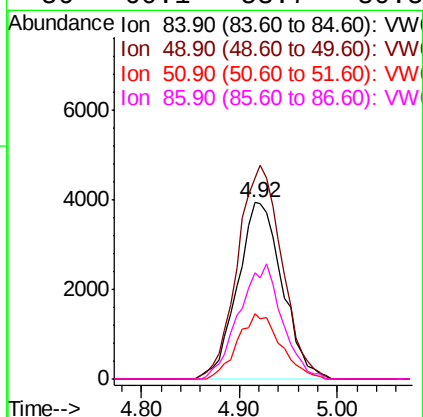
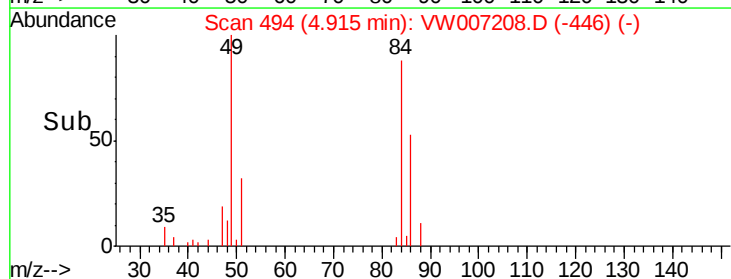
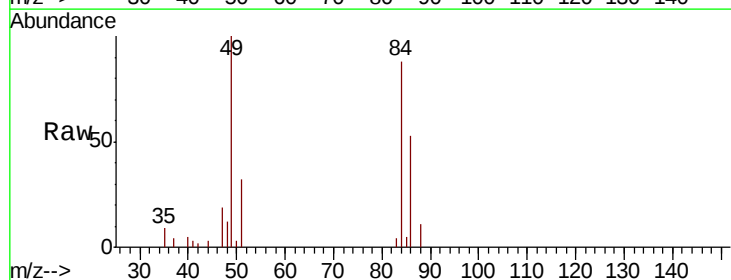
Ion Ratio Lower Upper

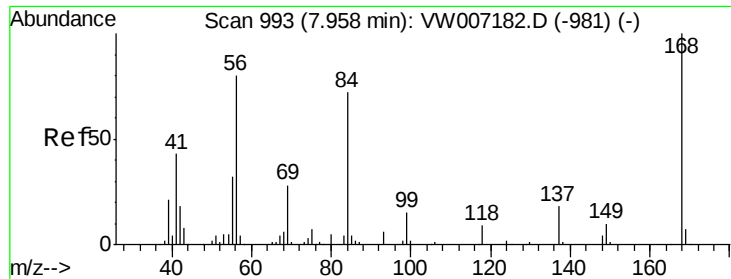
84 100

49 113.9 90.6 135.8

51 36.8 27.6 41.4

86 60.1 53.7 80.5

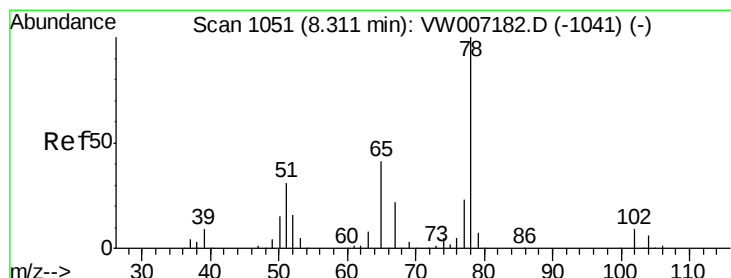
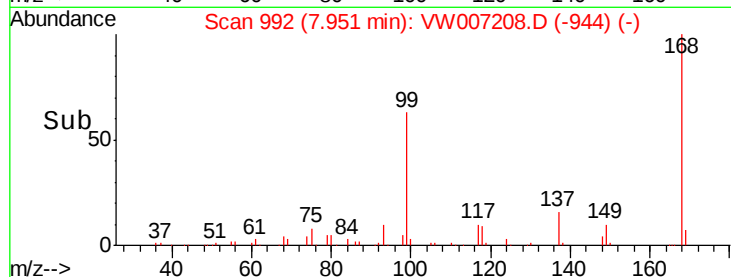
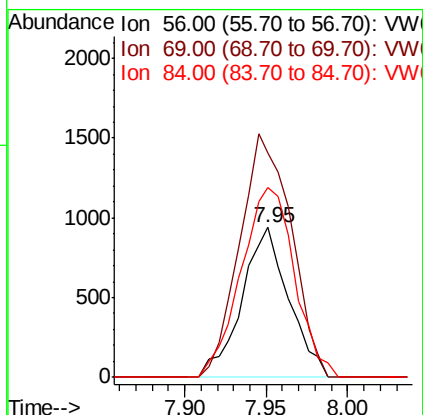
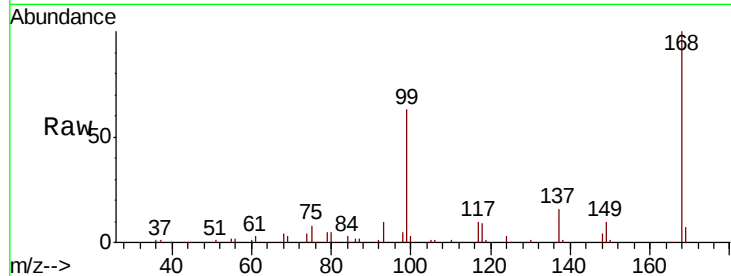




#31
Cyclohexane
Concen: 1.095 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007208.D
Acq: 05 Dec 2018 02:17

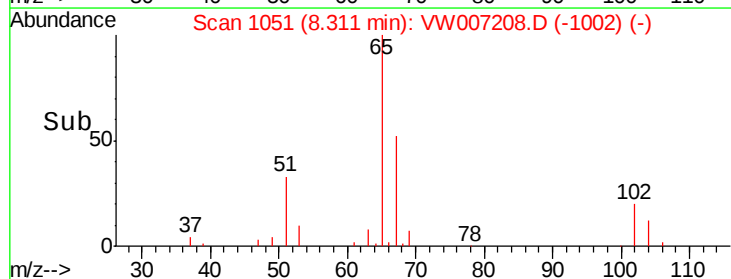
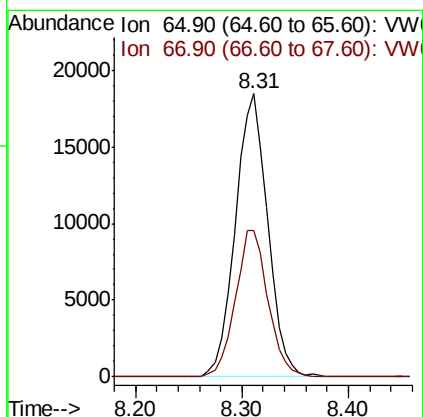
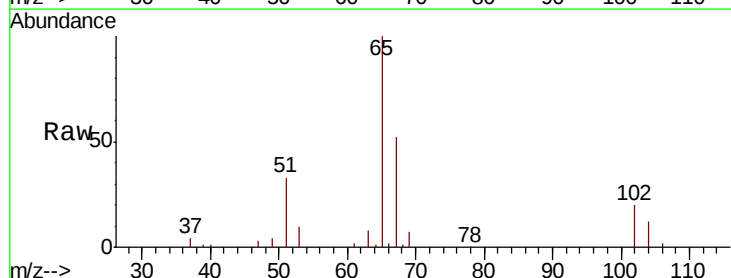
Instrument :
MSVOA_W
ClientSampleId :
HD-02-120318RE

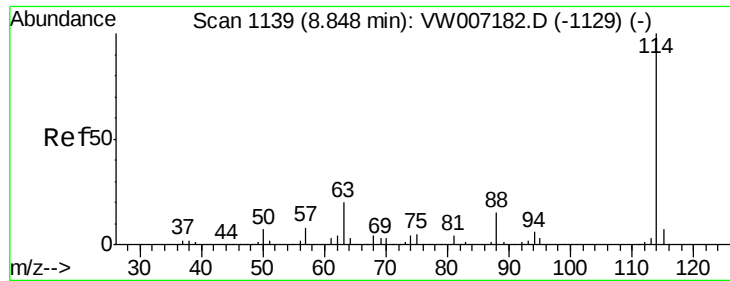
Tot Ion: 56 Resp: 1879
Ion Ratio Lower Upper
56 100
69 149.9 28.2 42.2#
84 126.2 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 45.550 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW007208.D
Acq: 05 Dec 2018 02:17

Tgt Ion: 65 Resp: 39376
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.4

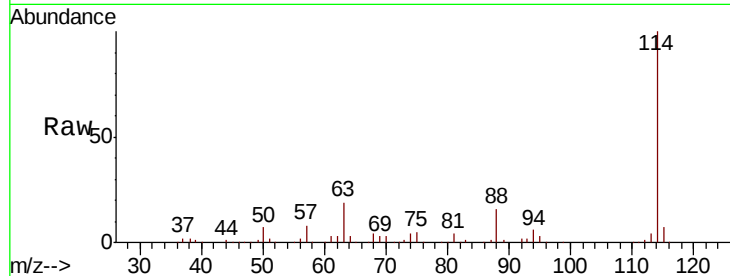




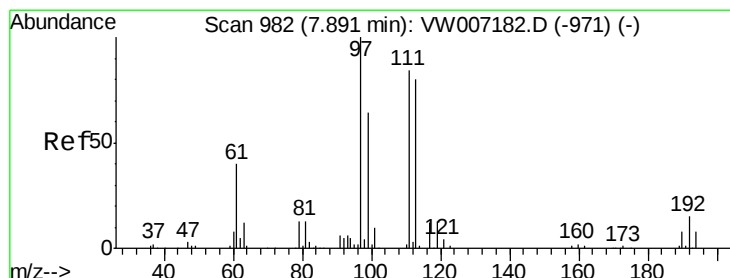
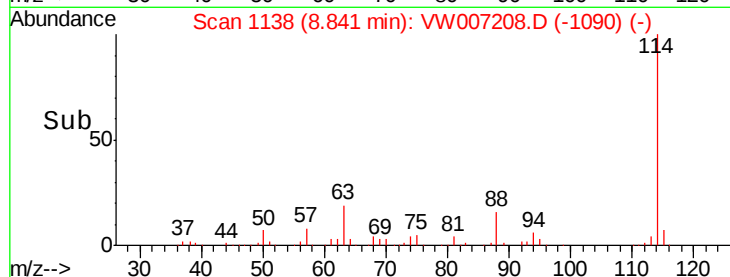
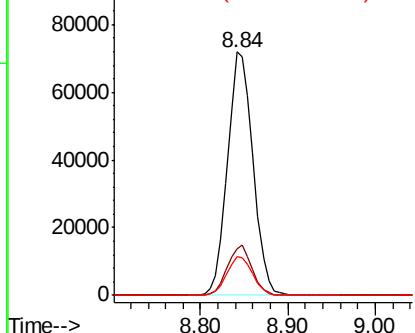
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007208.D
 Acq: 05 Dec 2018 02:17

Instrument :
 MSVOA_W
 ClientSampleId :
 HD-02-120318RE

Tot Ion:114 Resp: 145837
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.2
 88 16.1 0.0 30.0

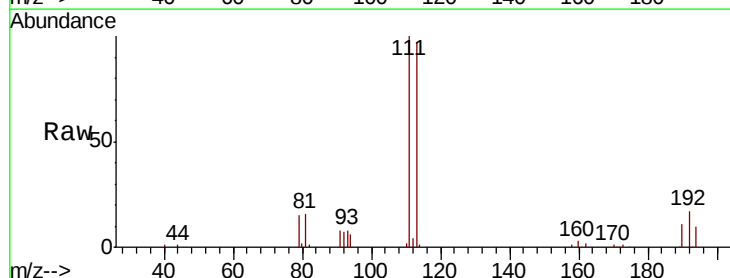


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

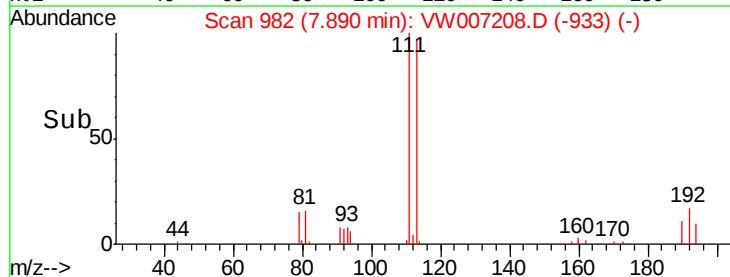
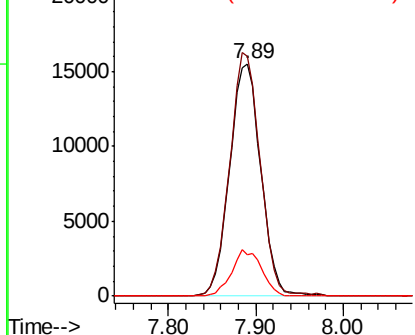


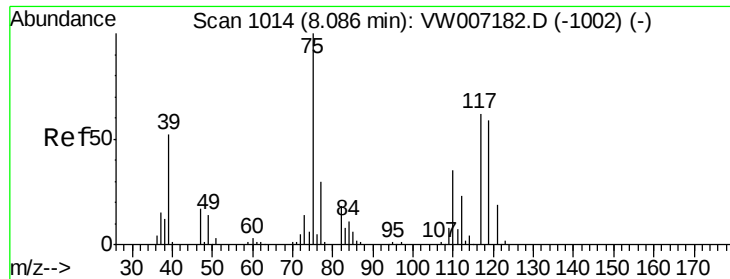
#35
 Dibromofluoromethane
 Concen: 45.889 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007208.D
 Acq: 05 Dec 2018 02:17

Tgt Ion:113 Resp: 38320
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.2 123.4
 192 19.0 14.4 21.6



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

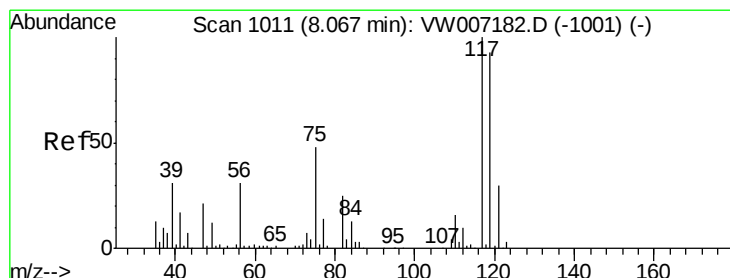
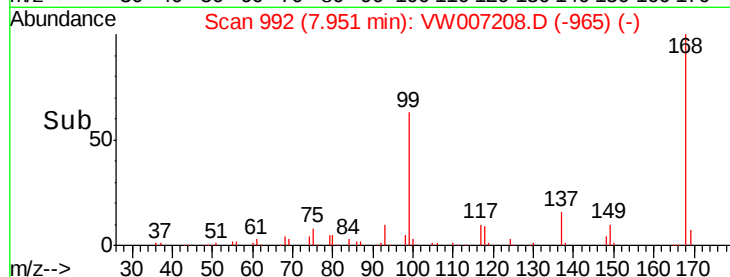
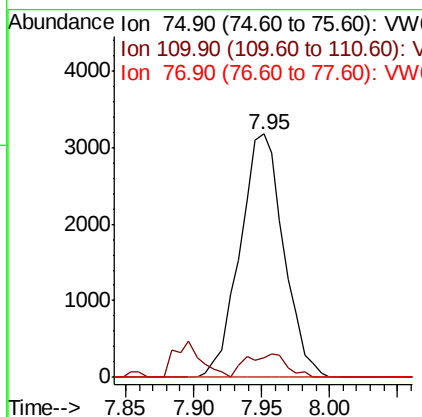
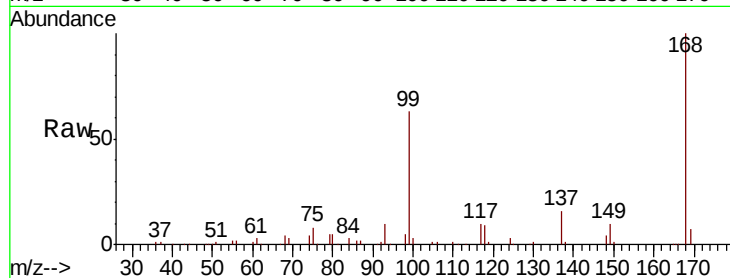




#36
 1,1-Dichloropropene
 Concen: 5.030 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007208.D
 Acq: 05 Dec 2018 02:17

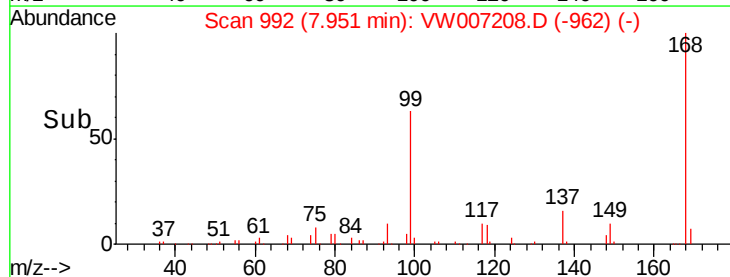
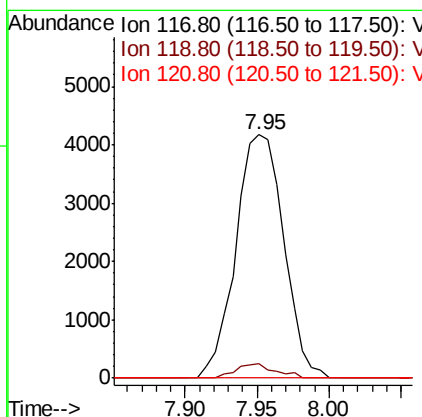
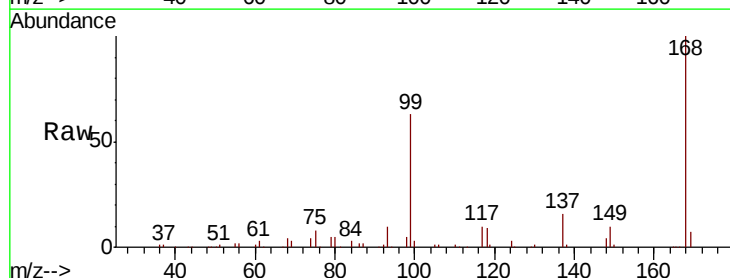
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 ClientSampleId :
 HD-02-120318RE

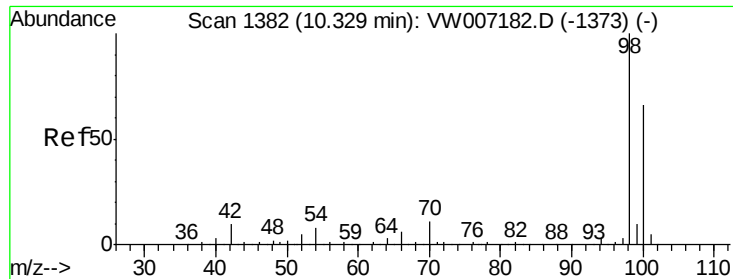
Tot Ion: 75 Resp: 7137
 Ion Ratio Lower Upper
 75 100
 110 9.1 18.3 54.9#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.651 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007208.D
 Acq: 05 Dec 2018 02:17

Tgt Ion: 117 Resp: 9633
 Ion Ratio Lower Upper
 117 100
 119 6.1 74.1 111.1#
 121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 39.141 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007208.D

Acq: 05 Dec 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

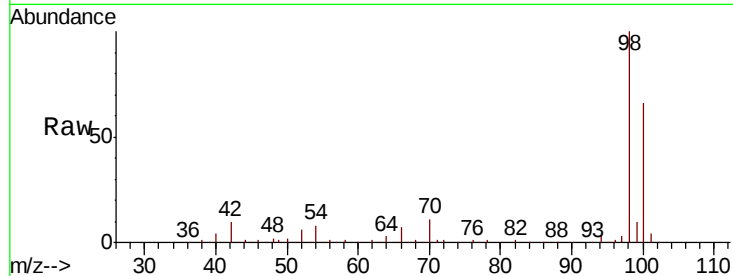
HD-02-120318RE

Tot Ion: 98 Resp: 143976

Ion Ratio Lower Upper

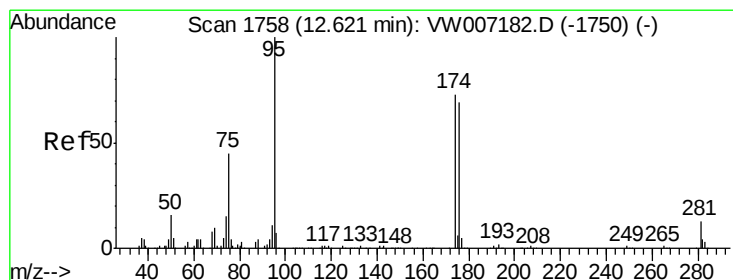
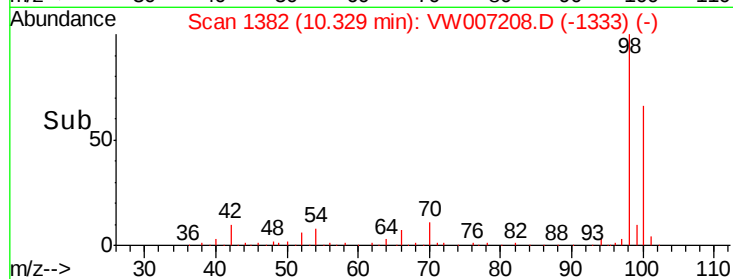
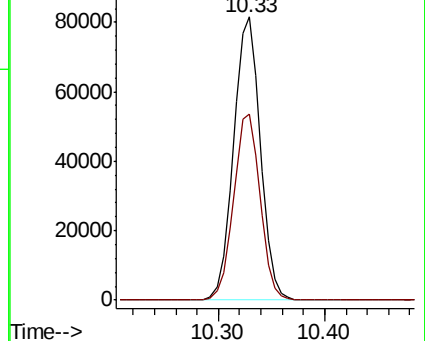
98 100

100 65.2 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 31.593 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007208.D

Acq: 05 Dec 2018 02:17

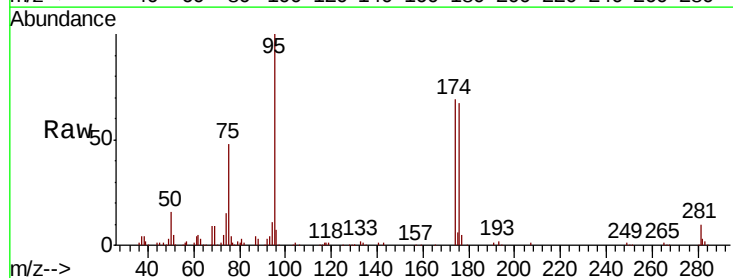
Tgt Ion: 95 Resp: 43863

Ion Ratio Lower Upper

95 100

174 73.3 0.0 148.0

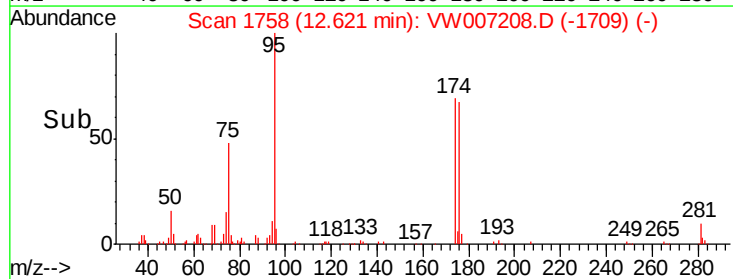
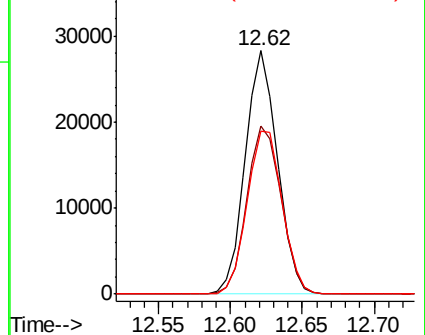
176 72.9 0.0 139.4

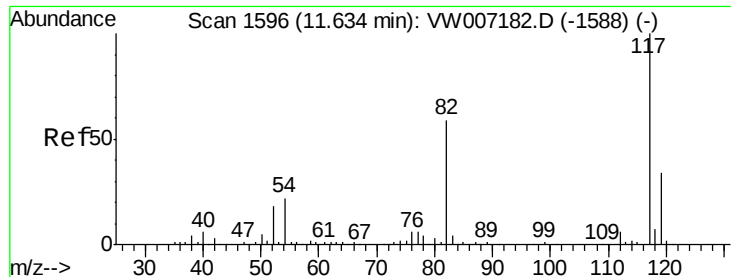


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

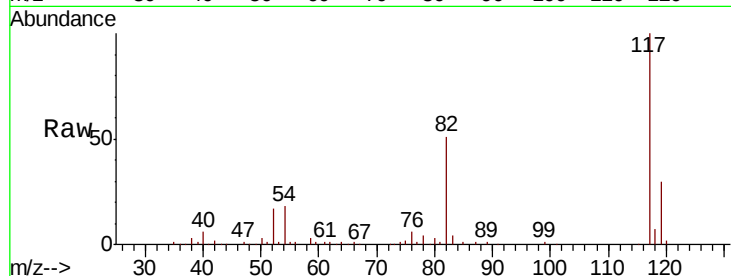




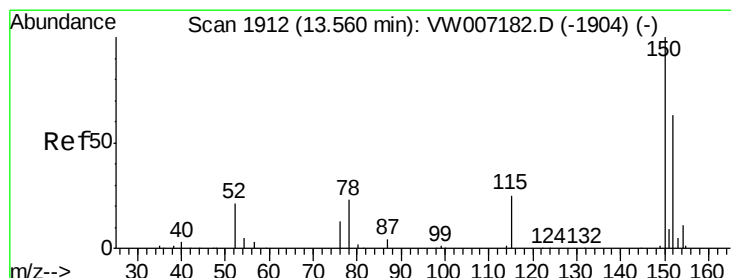
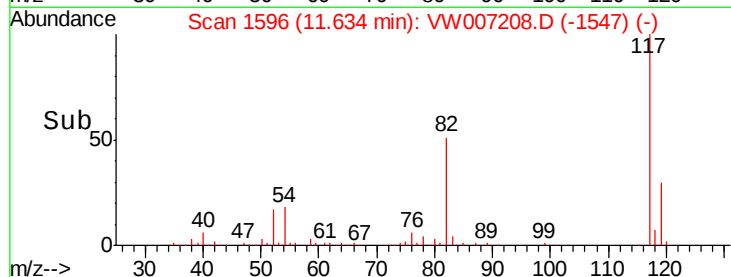
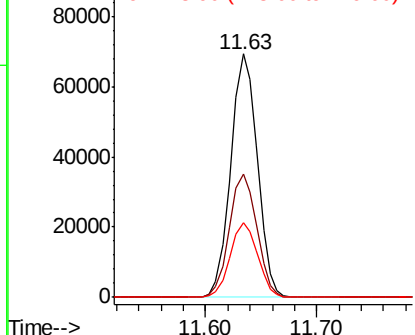
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007208.D
Acq: 05 Dec 2018 02:17

Instrument :
MSVOA_W
ClientSampleId :
HD-02-120318RE

Tot Ion:117 Resp: 114952
Ion Ratio Lower Upper
117 100
82 50.7 47.4 71.2
119 30.5 26.8 40.2

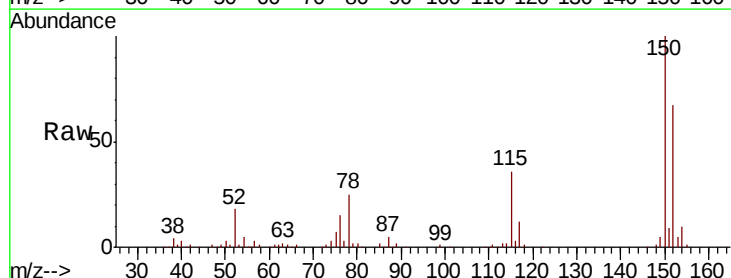


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

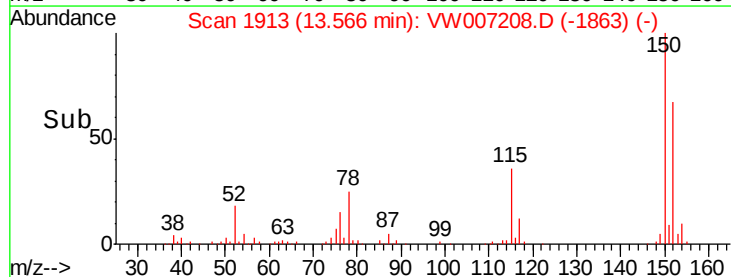
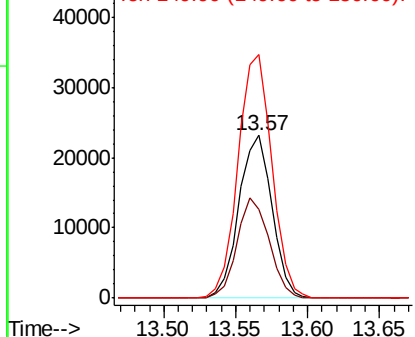


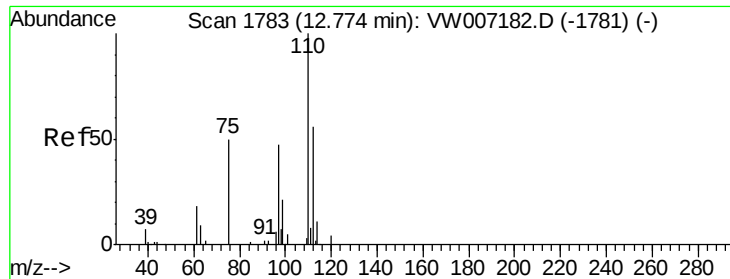
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007208.D
Acq: 05 Dec 2018 02:17

Tgt Ion:152 Resp: 37049
Ion Ratio Lower Upper
152 100
115 60.0 31.3 93.8
150 152.7 0.0 358.0



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

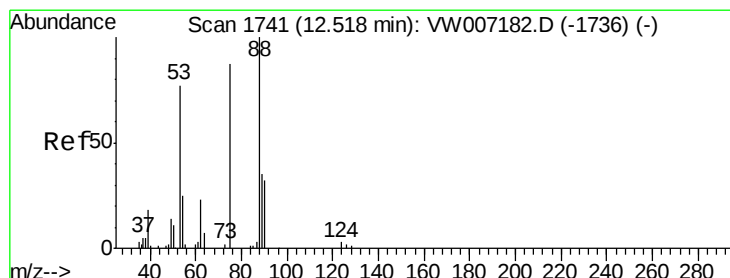
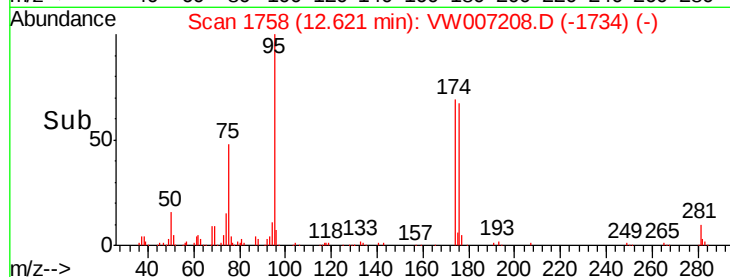
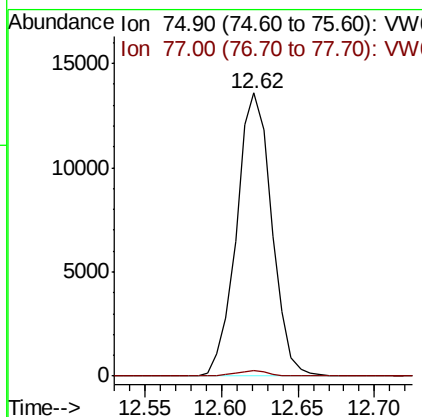
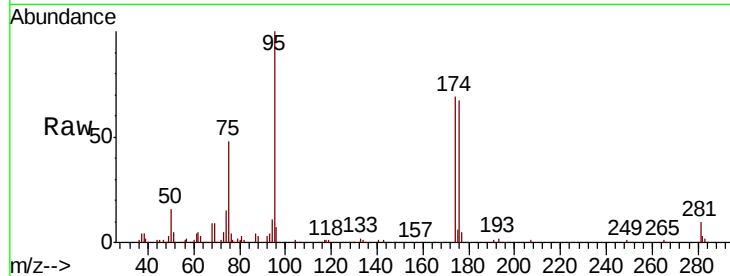




#76
 1,2,3-Trichloropropane
 Concen: 38.894 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW007208.D
 Acq: 05 Dec 2018 02:17

Instrument :
 MSVOA_W
 ClientSampleId :
 HD-02-120318RE

Tot Ion: 75 Resp: 21655
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 162.700 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW007208.D
 Acq: 05 Dec 2018 02:17

Tgt Ion: 75 Resp: 21655
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.8 109.2#
 89 0.0 36.4 54.6#

