

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100918\
 Data File : VD060156.D
 Acq On : 9 Oct 2018 17:38
 Operator : VA/AP
 Sample : J5201-05
 Misc : 6.63q/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-100818-C

Quant Time: Oct 10 01:16:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.37	168	1261388	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.41	114	1716440	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.27	117	1256378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	521340	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.75	65	635014	66.41	ug/l	0.00
Spiked Amount						
			Recovery	=	132.82%	
35) Dibromofluoromethane	6.29	113	790090	60.62	ug/l	0.00
Spiked Amount						
			Recovery	=	121.24%	
50) Toluene-d8	9.43	98	1538588	41.40	ug/l	0.00
Spiked Amount						
			Recovery	=	82.80%	
62) 4-Bromofluorobenzene	12.41	95	660486	47.46	ug/l	0.00
Spiked Amount						
			Recovery	=	94.92%	

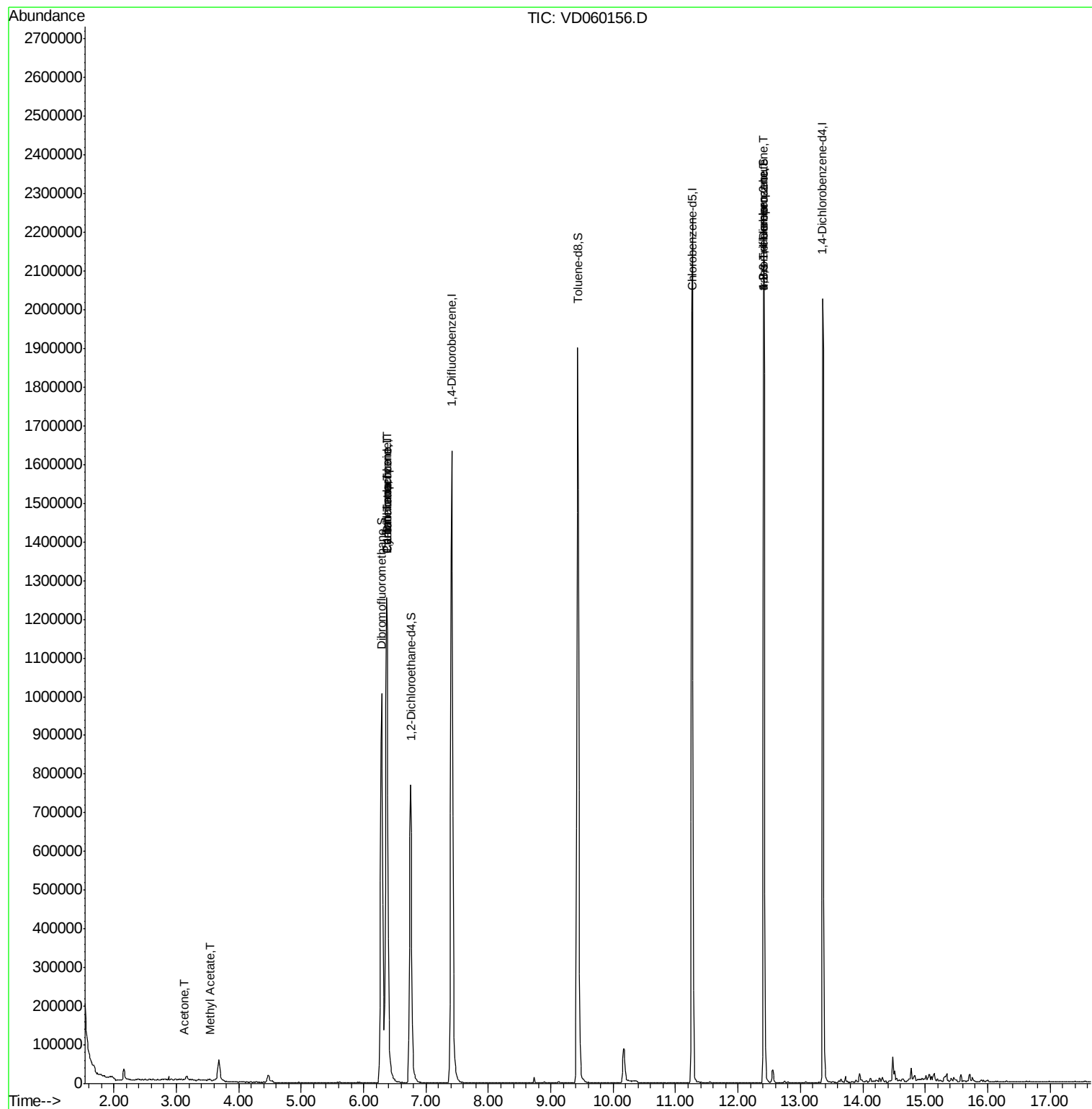
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.12	43	5659	3.262	ug/l #	54
18) Methyl Acetate	3.53	43	7641	2.049	ug/l #	63
20) Methylene Chloride	3.68	84	33664	Below Cal		97
31) Cyclohexane	6.37	56	21357	1.031	ug/l #	1
36) 1,1-Dichloropropene	6.37	75	83617	5.098	ug/l #	45
38) Carbon Tetrachloride	6.37	117	94632	6.357	ug/l #	15
76) 1,2,3-Trichloropropane	12.41	75	212512	28.305	ug/l #	45
81) trans-1,4-Dichloro-2-buten	12.41	75	264761	125.501	ug/l #	13

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

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Sample : J5201-05
Misc : 6.63g/5ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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Quant Time: Oct 10 01:16:03 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.37 min Scan# 492

Delta R.T. -0.02 min

Lab File: VD060156.D

Acq: 9 Oct 2018 17:38

Instrument :

MSVOA_D

ClientSampleId :

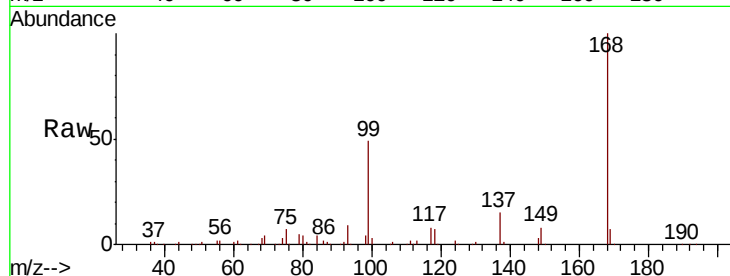
EO-02-100818-C

Tot Ion:168 Resp: 1261388

Ion Ratio Lower Upper

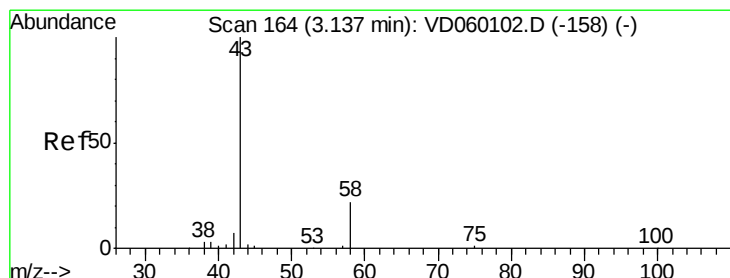
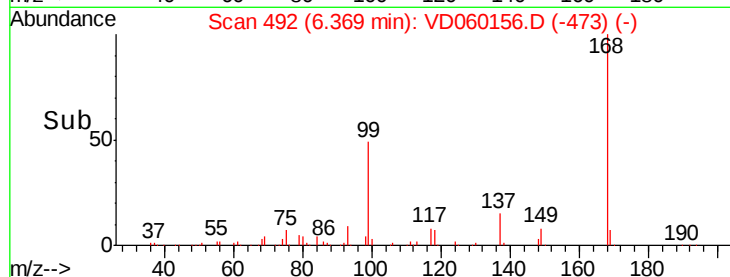
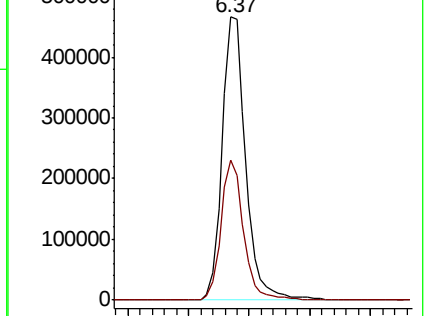
168 100

99 49.4 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 3.262 ug/l

RT: 3.12 min Scan# 162

Delta R.T. -0.02 min

Lab File: VD060156.D

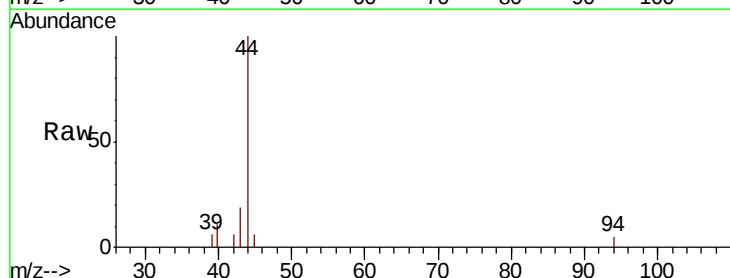
Acq: 9 Oct 2018 17:38

Tgt Ion: 43 Resp: 5659

Ion Ratio Lower Upper

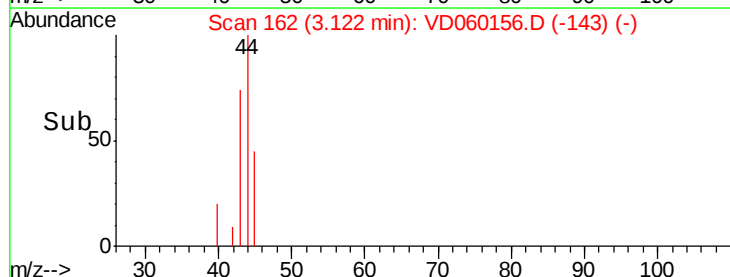
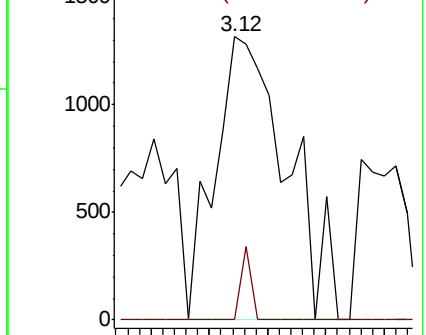
43 100

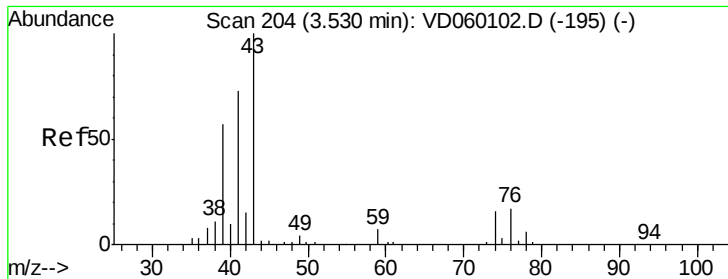
58 0.0 17.7 26.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

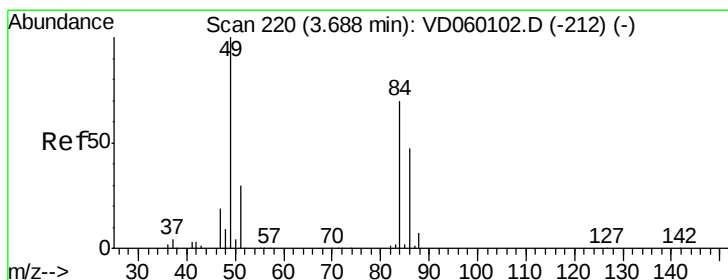
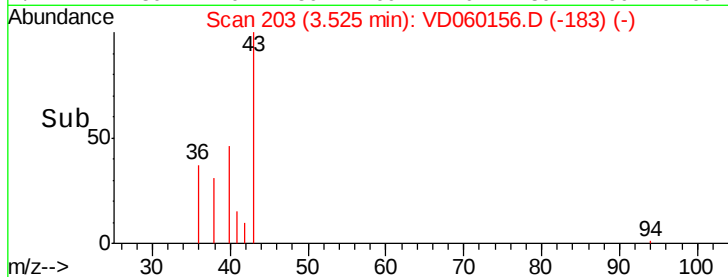
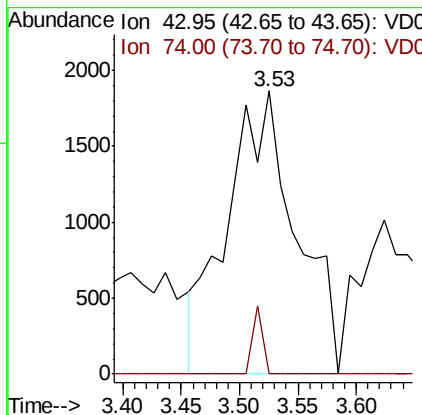
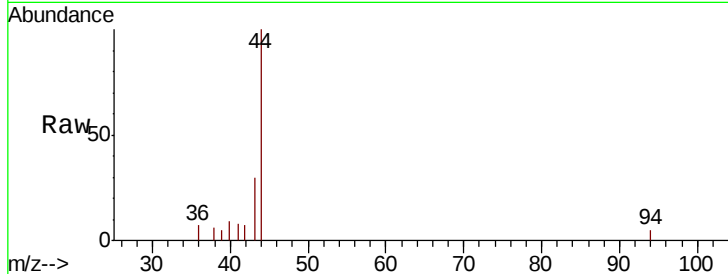




#18
Methyl Acetate
Concen: 2.049 ug/l
RT: 3.53 min Scan# 203
Delta R.T. -0.01 min
Lab File: VD060156.D
Acq: 9 Oct 2018 17:38

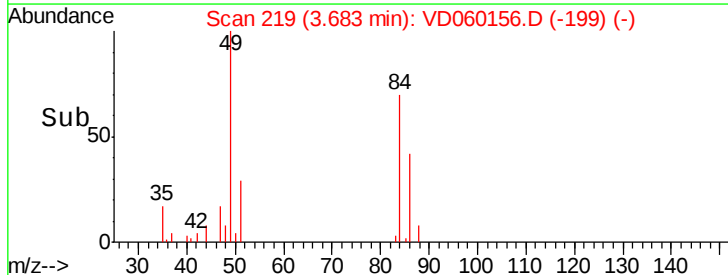
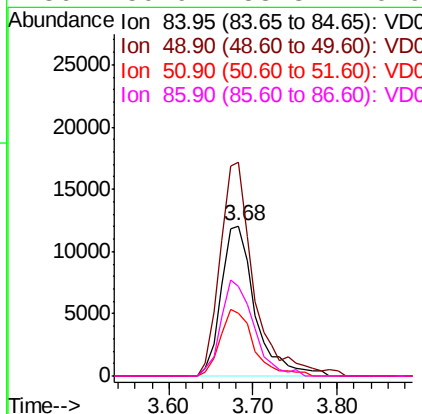
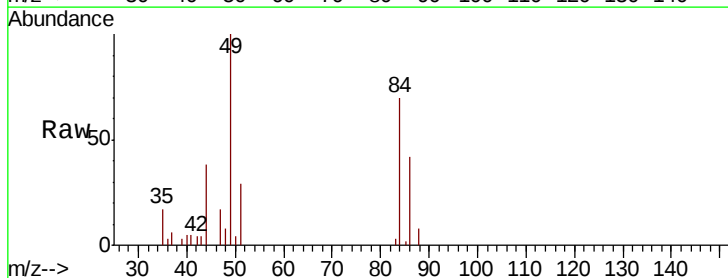
Instrument :
MSVOA_D
ClientSampleId :
EO-02-100818-C

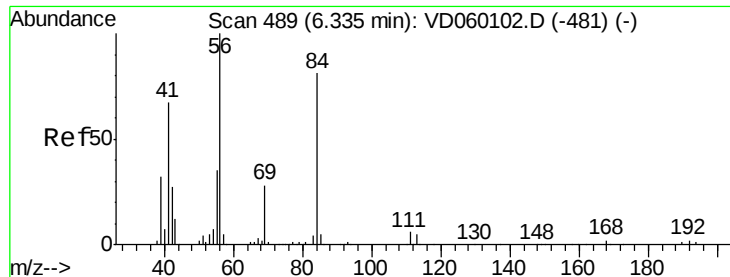
Tot Ion: 43 Resp: 7641
Ion Ratio Lower Upper
43 100
74 0.0 12.6 19.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 3.68 min Scan# 219
Delta R.T. -0.00 min
Lab File: VD060156.D
Acq: 9 Oct 2018 17:38

Tgt Ion: 84 Resp: 33664
Ion Ratio Lower Upper
84 100
49 142.0 114.6 172.0
51 41.3 33.8 50.8
86 59.9 53.3 79.9

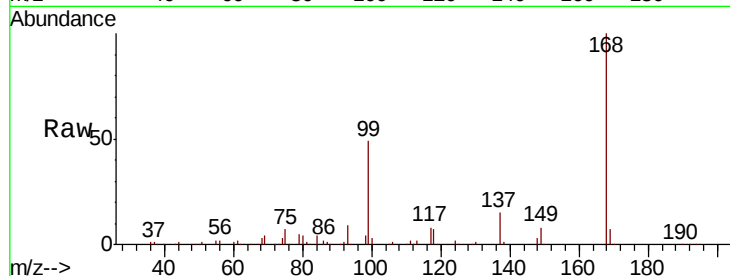




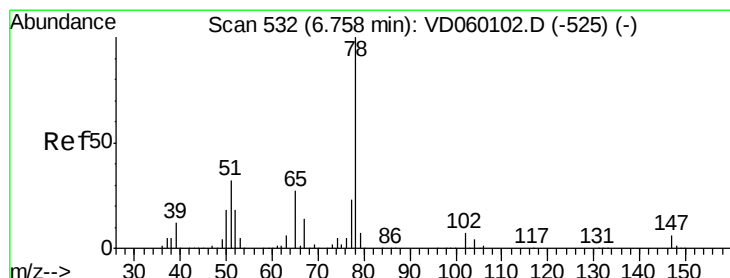
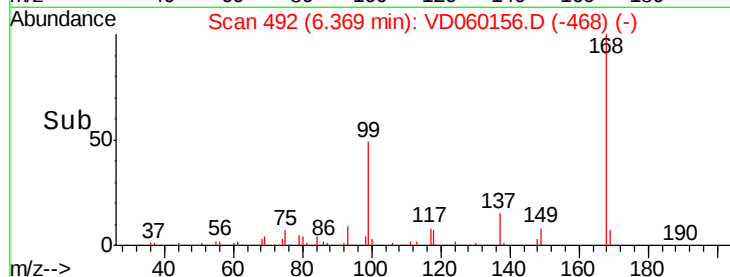
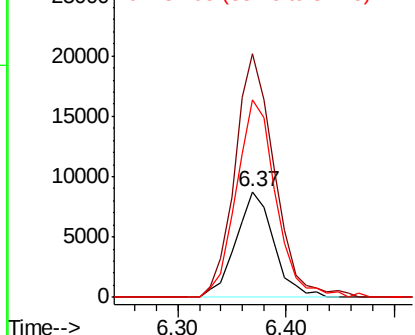
#31
Cyclohexane
Concen: 1.031 ug/l
RT: 6.37 min Scan# 492
Delta R.T. 0.03 min
Lab File: VD060156.D
Acq: 9 Oct 2018 17:38

Instrument :
MSVOA_D
ClientSampleId :
EO-02-100818-C

Tot Ion: 56 Resp: 21357
Ion Ratio Lower Upper
56 100
69 229.9 22.8 34.2#
84 186.9 64.9 97.3#

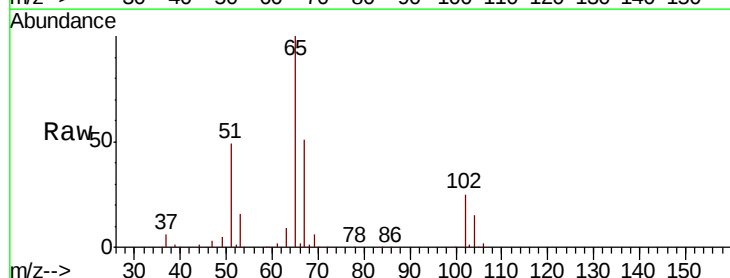


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

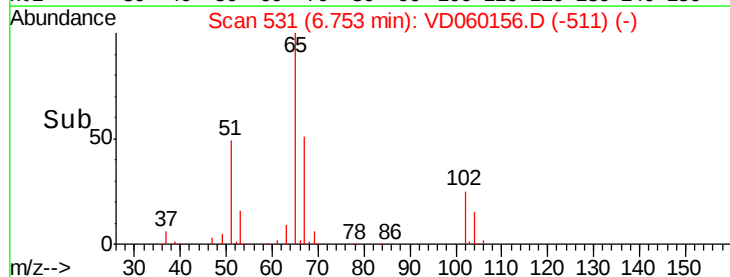
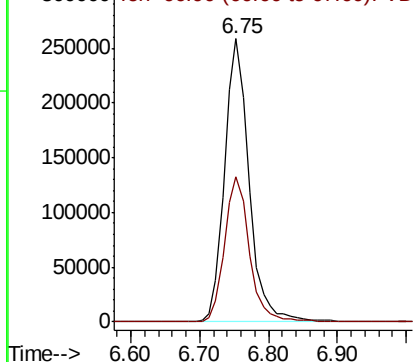


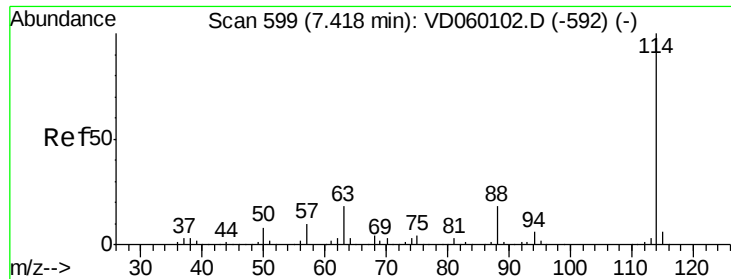
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.75 min Scan# 531
Delta R.T. -0.01 min
Lab File: VD060156.D
Acq: 9 Oct 2018 17:38

Tgt Ion: 65 Resp: 635014
Ion Ratio Lower Upper
65 100
67 51.2 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

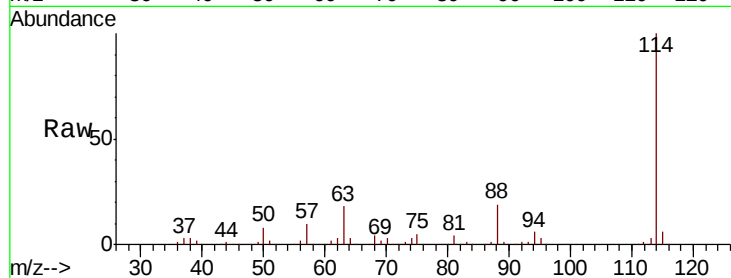




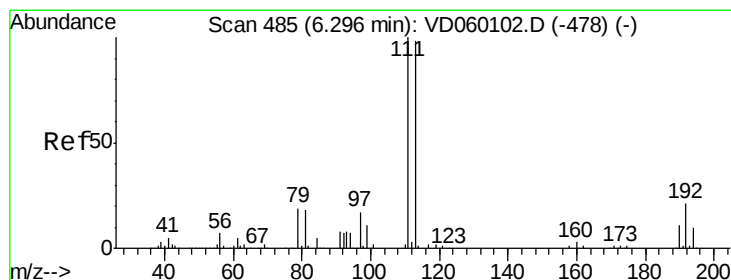
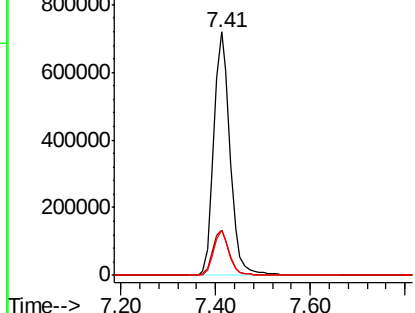
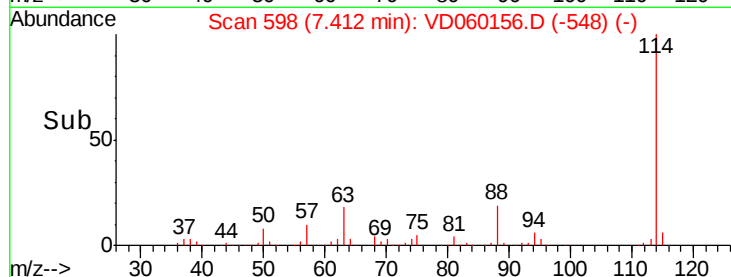
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.41 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: VD060156.D
 Acq: 9 Oct 2018 17:38

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-100818-C

Tot Ion:114 Resp: 1716440
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.0
 88 18.8 0.0 36.2

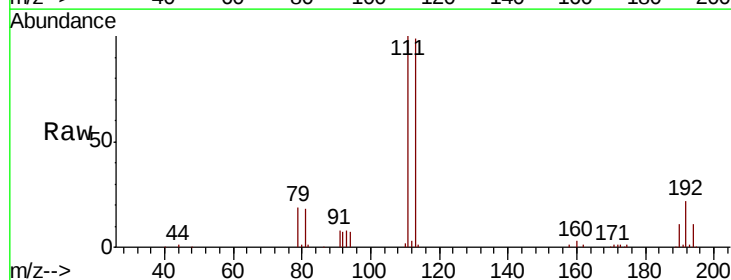


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

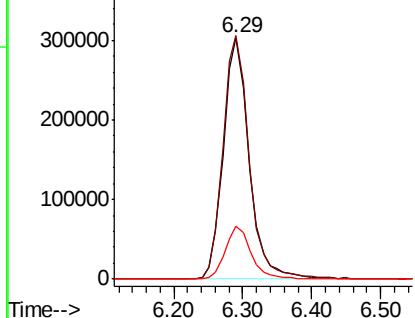
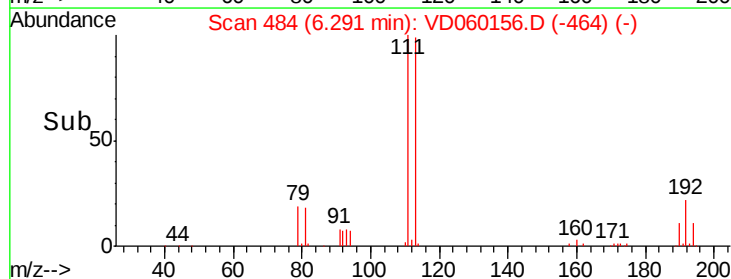


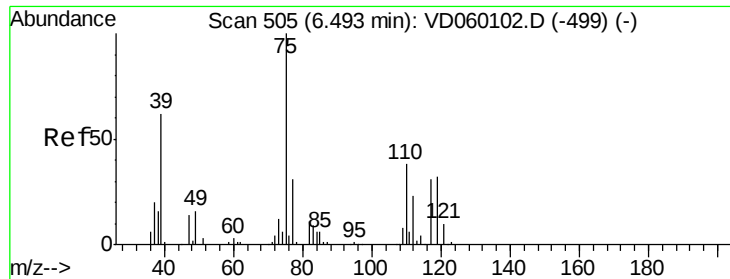
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.29 min Scan# 484
 Delta R.T. -0.01 min
 Lab File: VD060156.D
 Acq: 9 Oct 2018 17:38

Tgt Ion:113 Resp: 790090
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.5 122.3
 192 21.9 17.4 26.0



Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

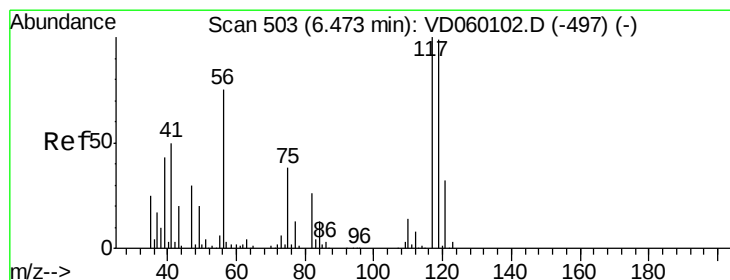
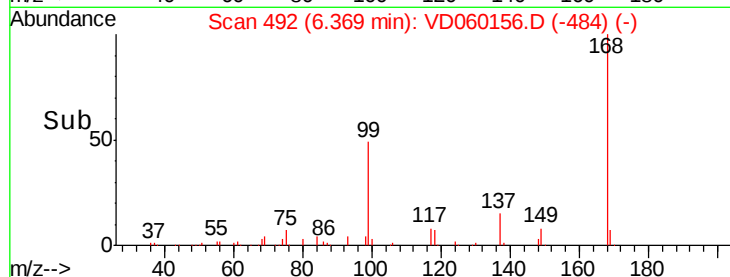
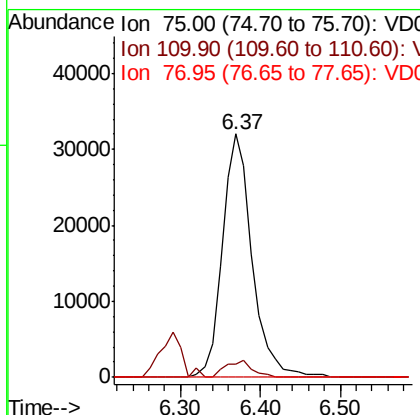
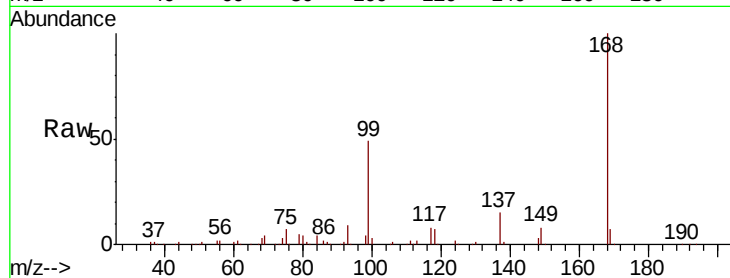




#36
 1,1-Dichloropropene
 Concen: 5.098 ug/l
 RT: 6.37 min Scan# 492
 Delta R.T. -0.12 min
 Lab File: VD060156.D
 Acq: 9 Oct 2018 17:38

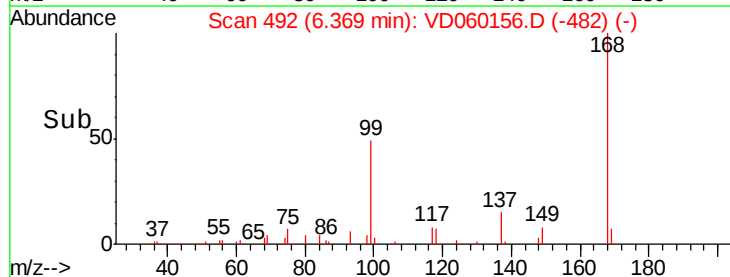
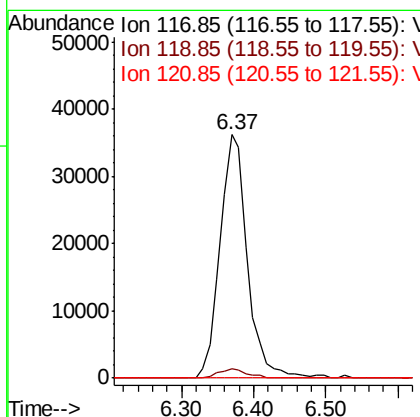
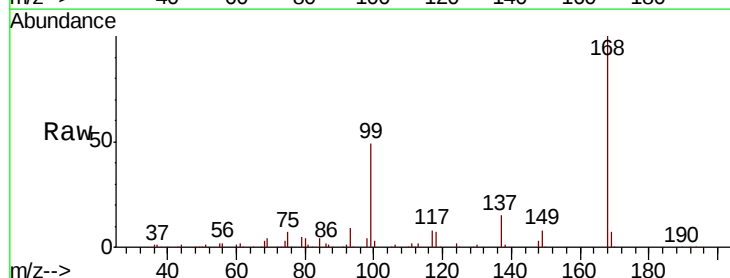
Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-100818-C

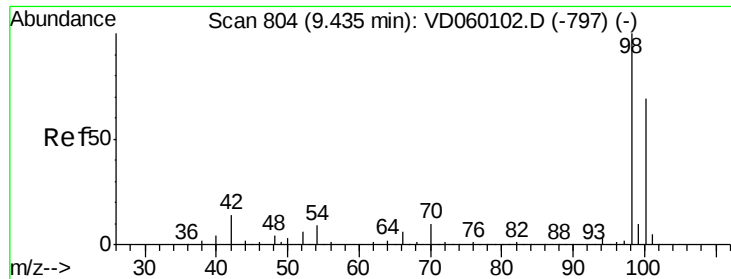
Tot Ion	Ratio	Lower	Upper
75	100		
110	5.5	19.0	57.0#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.357 ug/l
 RT: 6.37 min Scan# 492
 Delta R.T. -0.10 min
 Lab File: VD060156.D
 Acq: 9 Oct 2018 17:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.0	77.8	116.6#
121	0.0	24.8	37.2#

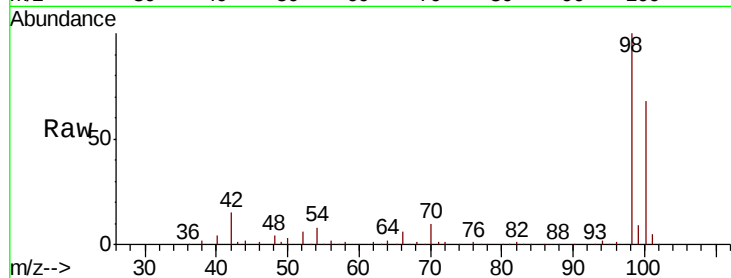




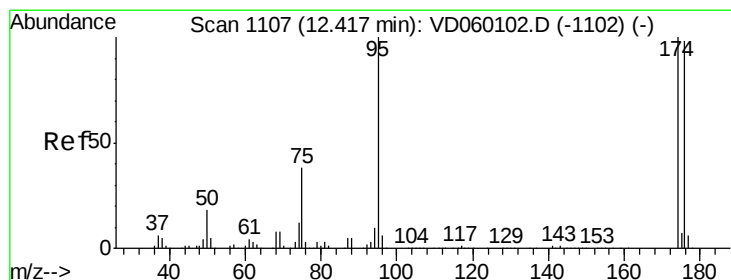
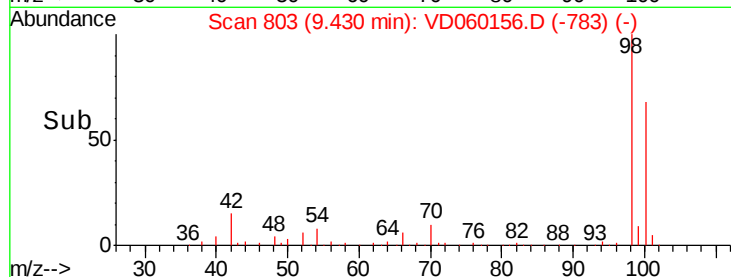
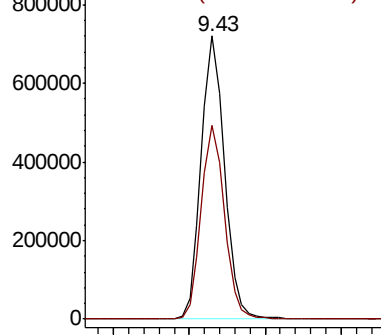
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 803
Delta R.T. -0.01 min
Lab File: VD060156.D
Acq: 9 Oct 2018 17:38

Instrument :
MSVOA_D
ClientSampleId :
EO-02-100818-C

Tot Ion: 98 Resp: 1538588
Ion Ratio Lower Upper
98 100
100 68.3 55.4 83.0

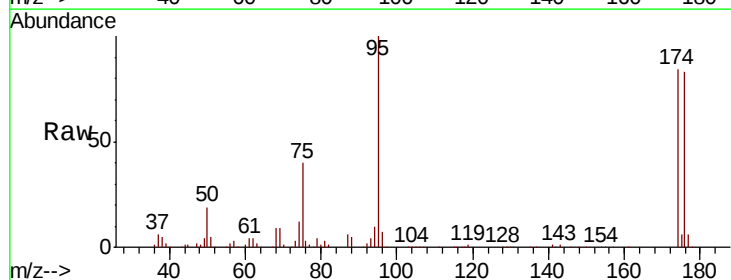


Abundance Ion 98.05 (97.75 to 98.75): VD060102.D (-797) (-)
Ion 100.05 (99.75 to 100.75): VD060102.D (-797) (-)

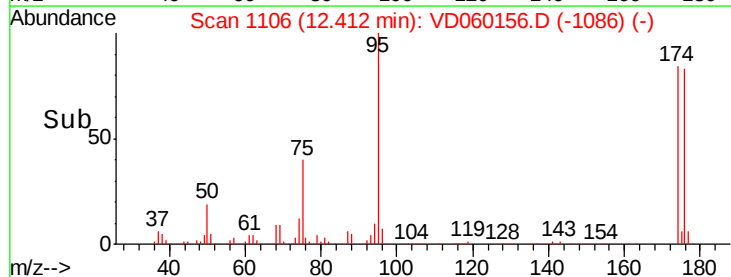
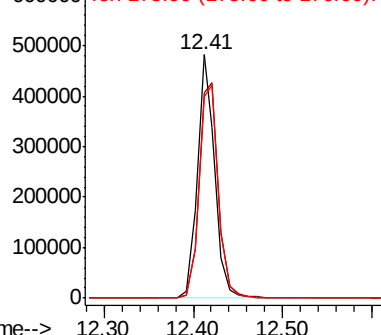


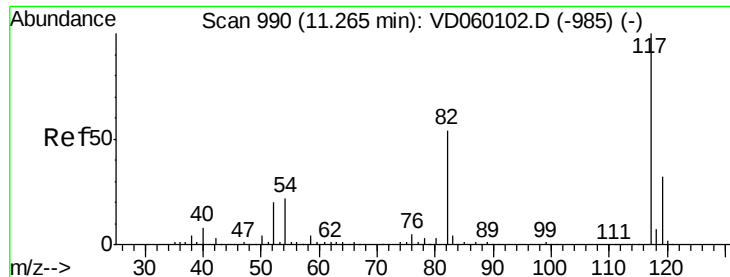
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.41 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD060156.D
Acq: 9 Oct 2018 17:38

Tgt Ion: 95 Resp: 660486
Ion Ratio Lower Upper
95 100
174 84.4 0.0 200.2
176 82.6 0.0 195.6



Abundance Ion 95.00 (94.70 to 95.70): VD060102.D (-1102) (-)
Ion 173.90 (173.60 to 174.60): VD060102.D (-1102) (-)
Ion 175.90 (175.60 to 176.60): VD060102.D (-1102) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.27 min Scan# 990

Delta R.T. 0.00 min

Lab File: VD060156.D

Acq: 9 Oct 2018 17:38

Instrument :

MSVOA_D

ClientSampleId :

EO-02-100818-C

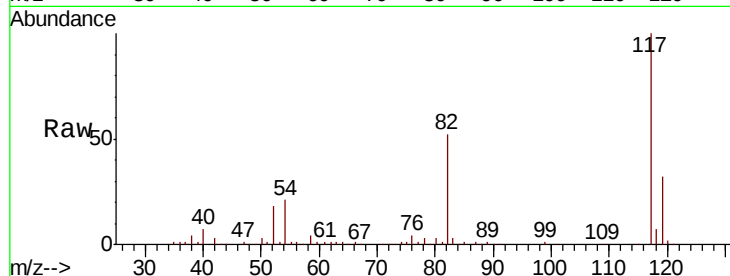
Tot Ion:117 Resp: 1256378

Ion Ratio Lower Upper

117 100

82 51.9 43.4 65.2

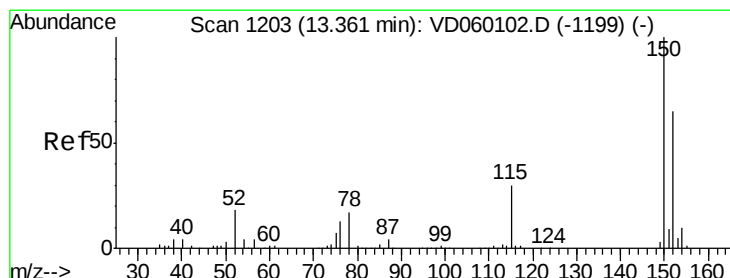
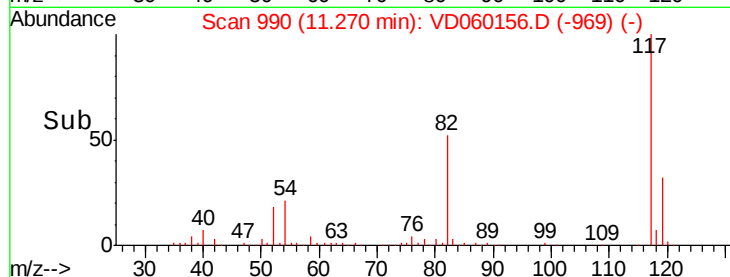
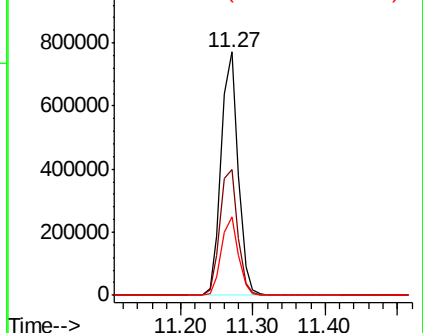
119 32.3 26.0 39.0



Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.37 min Scan# 1203

Delta R.T. 0.00 min

Lab File: VD060156.D

Acq: 9 Oct 2018 17:38

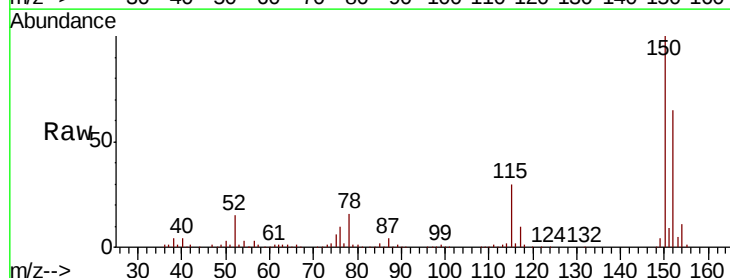
Tgt Ion:152 Resp: 521340

Ion Ratio Lower Upper

152 100

115 46.6 27.1 81.2

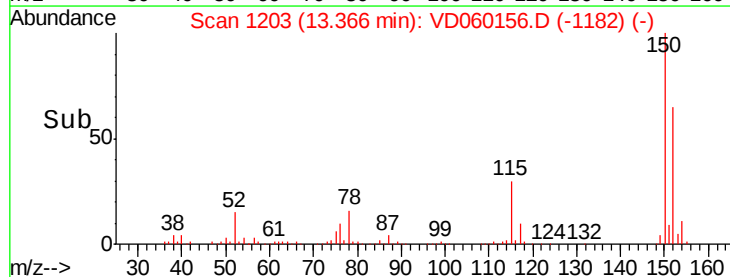
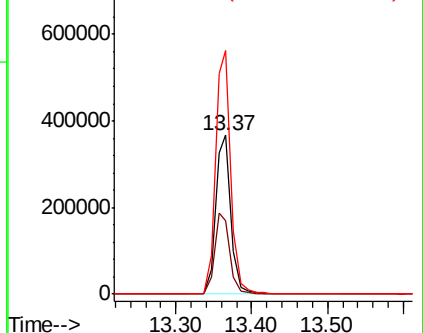
150 153.5 0.0 311.8

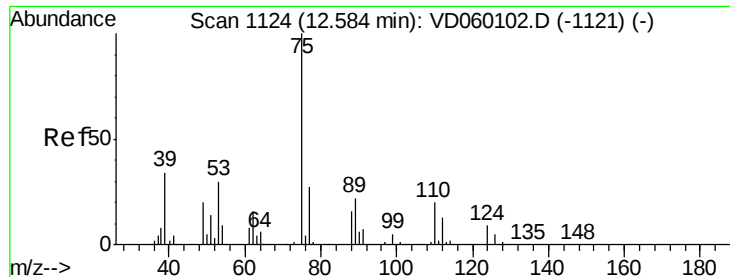


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 28.305 ug/l

RT: 12.41 min Scan# 1106

Delta R.T. -0.17 min

Lab File: VD060156.D

Acq: 9 Oct 2018 17:38

Instrument :

MSVOA_D

ClientSampleId :

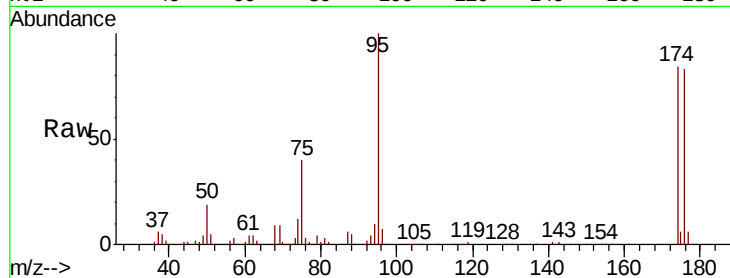
EO-02-100818-C

Tot Ion: 75 Resp: 212512

Ion Ratio Lower Upper

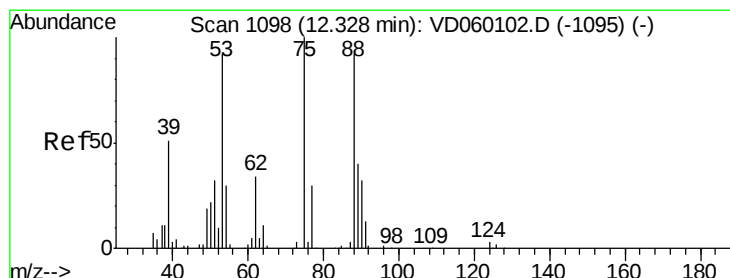
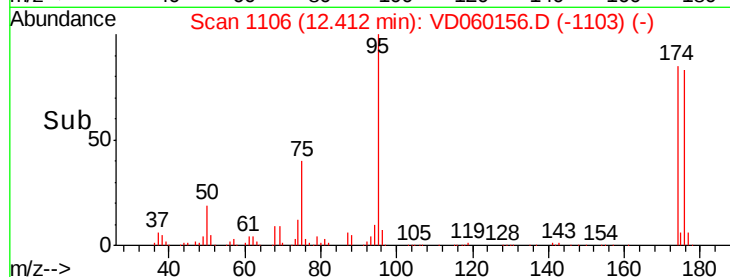
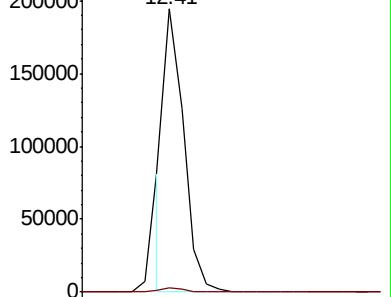
75 100

77 1.5 16.3 48.9#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 125.501 ug/l

RT: 12.41 min Scan# 1106

Delta R.T. 0.08 min

Lab File: VD060156.D

Acq: 9 Oct 2018 17:38

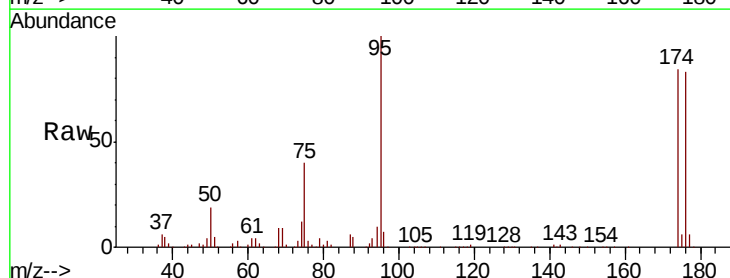
Tgt Ion: 75 Resp: 264761

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.6#

89 0.0 32.0 48.0#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

