

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121018\
 Data File : VD060520.D
 Acq On : 10 Dec 2018 13:01
 Operator : VA/AP
 Sample : J6196-03
 Misc : 7.01g/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-03-120718-B

Quant Time: Dec 11 08:04:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

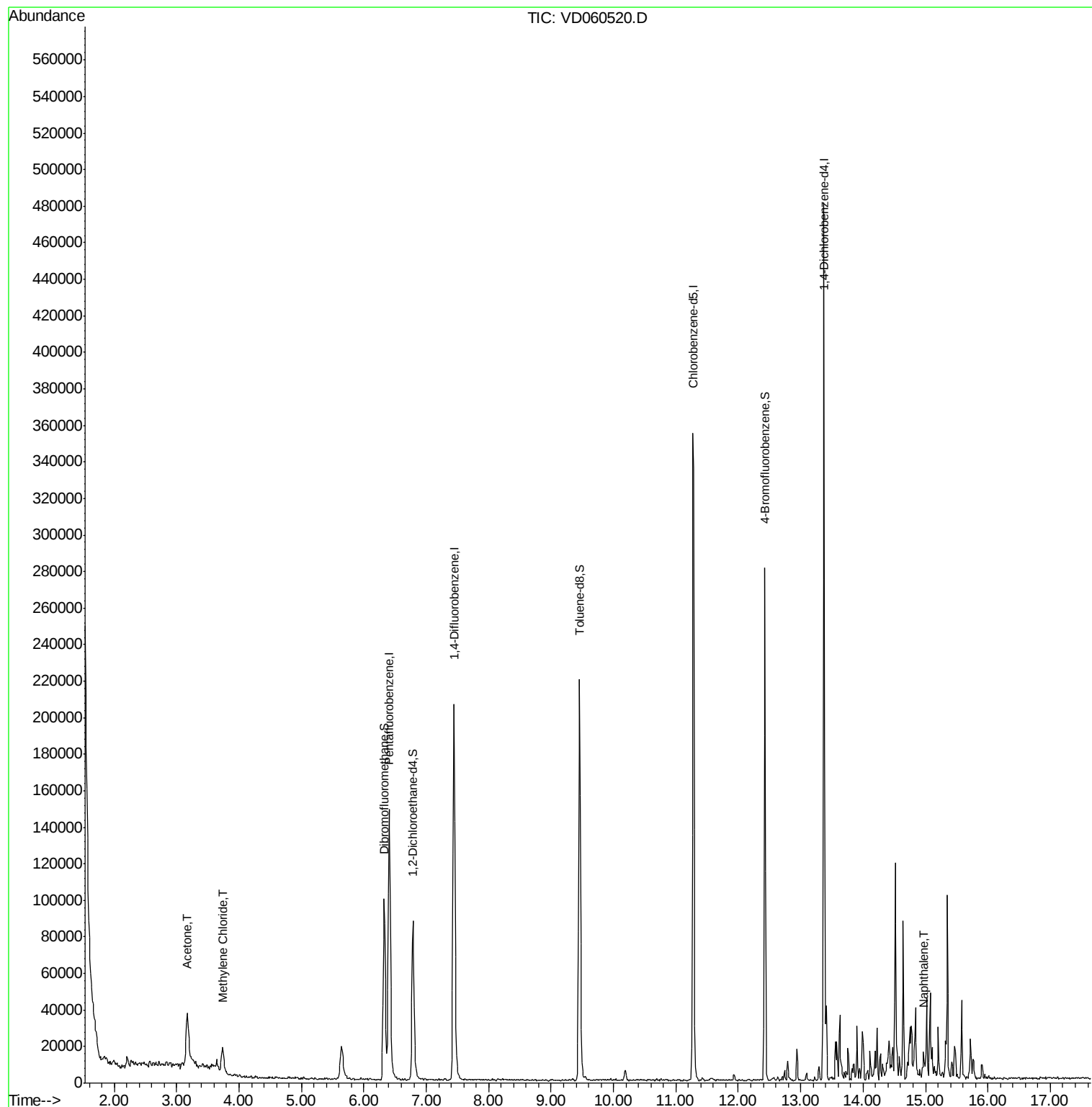
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	147695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	228442	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	199285	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	103898	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	73978	70.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	141.34%	
35) Dibromofluoromethane	6.32	113	80642	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
50) Toluene-d8	9.45	98	169191	34.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.68%	
62) 4-Bromofluorobenzene	12.43	95	78270	45.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.10%	
Target Compounds						
16) Acetone	3.17	43	70821	422.050	ug/l	98
20) Methylene Chloride	3.74	84	8758	1.330	ug/l #	80
95) Naphthalene	14.97	128	6570	2.471	ug/l	98

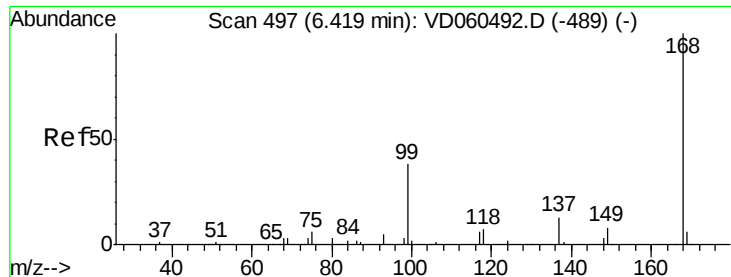
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060520.D

Acq: 10 Dec 2018 13:01

Instrument :

MSVOA_D

ClientSampleId :

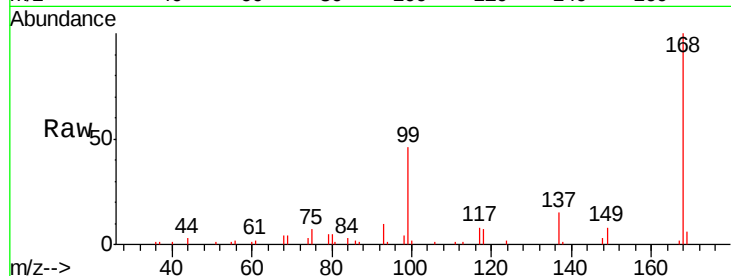
EO-03-120718-B

Tgt Ion:168 Resp: 147695

Ion Ratio Lower Upper

168 100

99 46.1 35.6 53.4



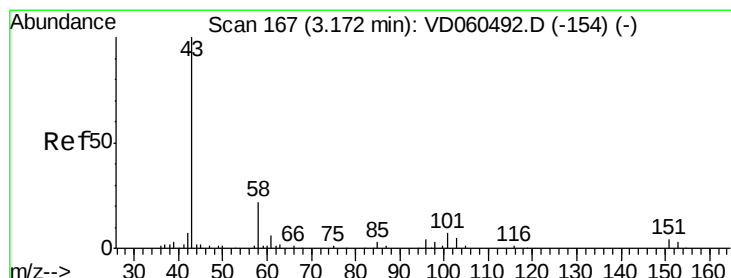
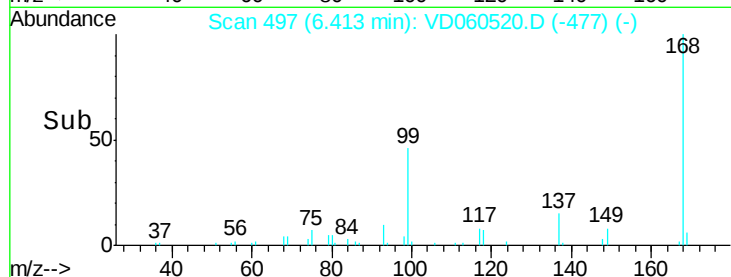
Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.41

6.30 6.40 6.50 6.60

Time-->



#16

Acetone

Concen: 422.050 ug/l

RT: 3.17 min Scan# 167

Delta R.T. -0.01 min

Lab File: VD060520.D

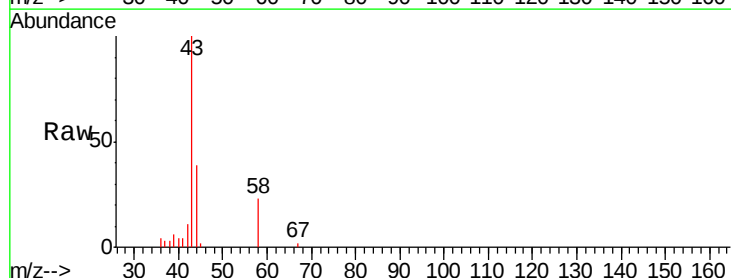
Acq: 10 Dec 2018 13:01

Tgt Ion: 43 Resp: 70821

Ion Ratio Lower Upper

43 100

58 22.7 17.3 25.9



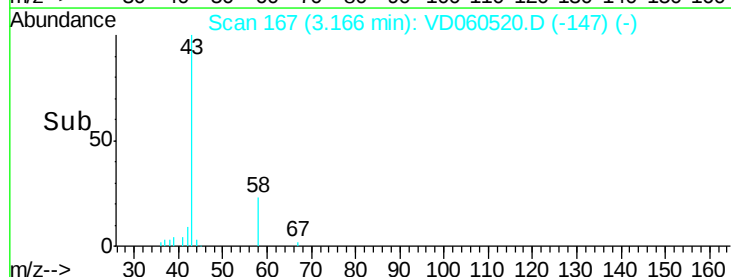
Abundance Ion 42.95 (42.65 to 43.65): VDC

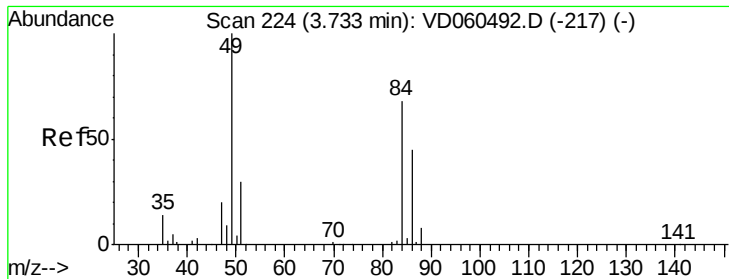
Ion 57.95 (57.65 to 58.65): VDC

3.17

3.00 3.10 3.20 3.30 3.40

Time-->

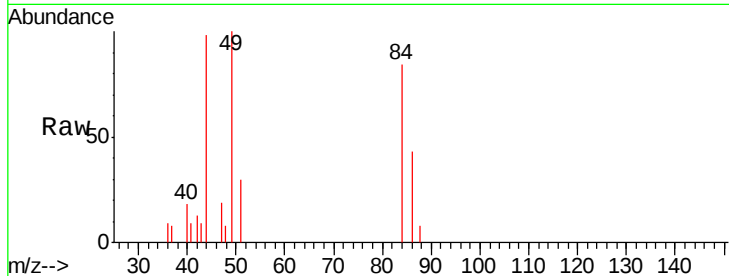




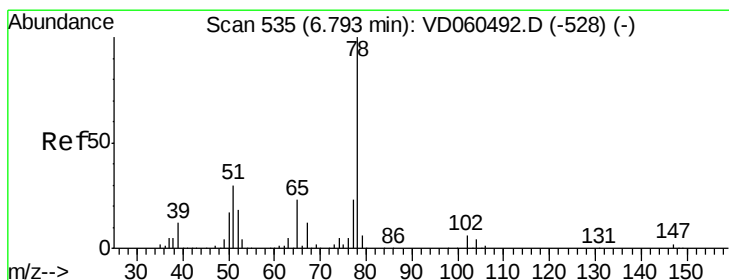
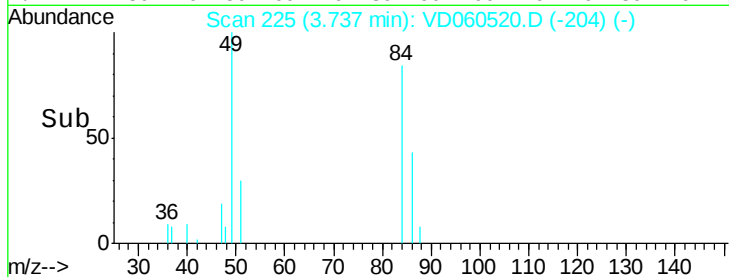
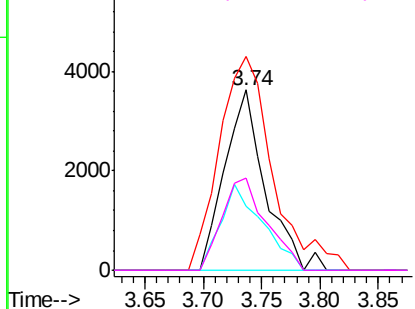
#20
Methylene Chloride
Concen: 1.330 ug/l
RT: 3.74 min Scan# 225
Delta R.T. 0.00 min
Lab File: VD060520.D
Acq: 10 Dec 2018 13:01

Instrument :
MSVOA_D
ClientSampleId :
EO-03-120718-B

Tgt Ion: 84 Resp: 8758
Ion Ratio Lower Upper
84 100
49 118.4 117.2 175.8
51 35.6 35.3 52.9
86 51.0 53.2 79.8#

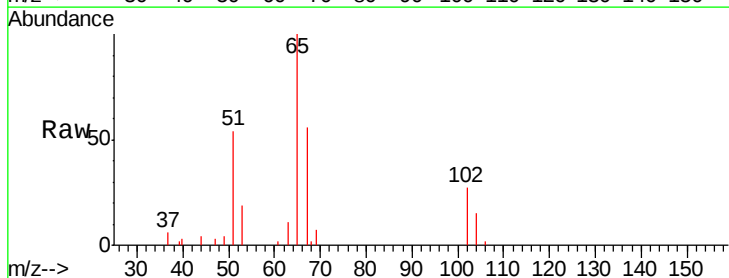


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

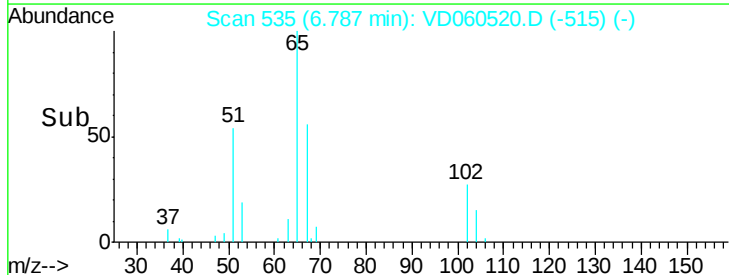
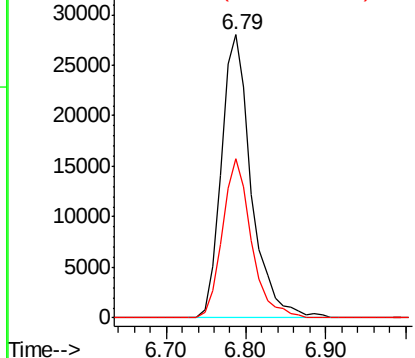


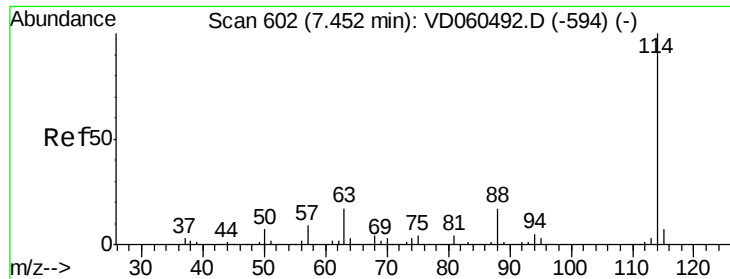
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.01 min
Lab File: VD060520.D
Acq: 10 Dec 2018 13:01

Tgt Ion: 65 Resp: 73978
Ion Ratio Lower Upper
65 100
67 56.2 0.0 106.8



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

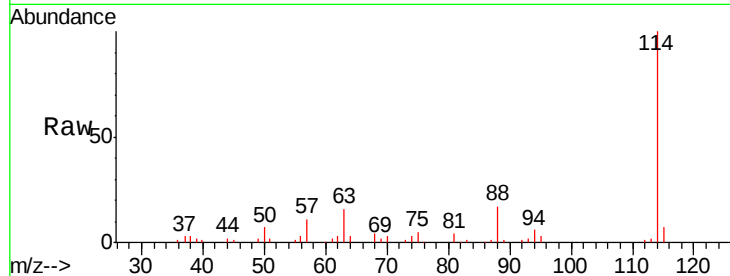




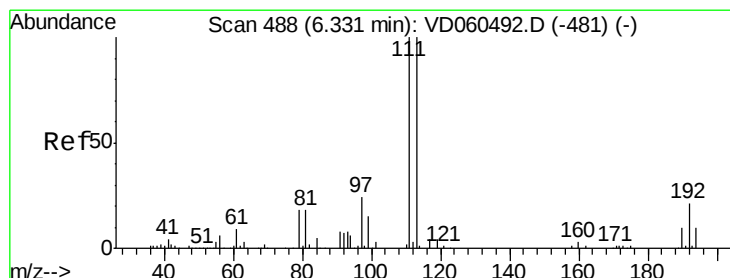
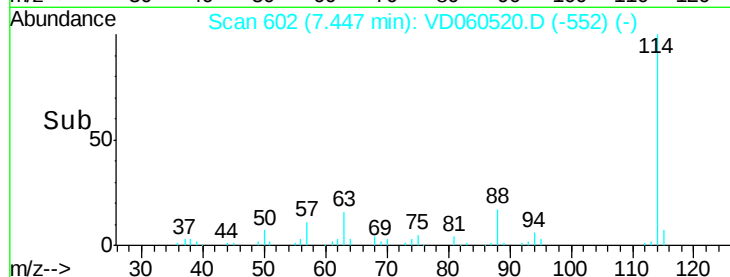
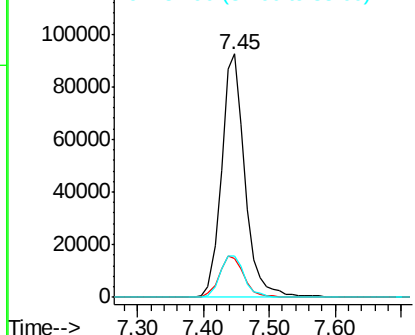
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060520.D
 Acq: 10 Dec 2018 13:01

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-03-120718-B

Tgt Ion:114 Resp: 228442
 Ion Ratio Lower Upper
 114 100
 63 15.8 0.0 34.2
 88 17.1 0.0 35.0

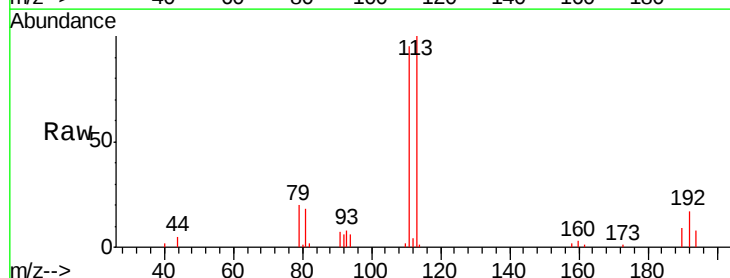


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

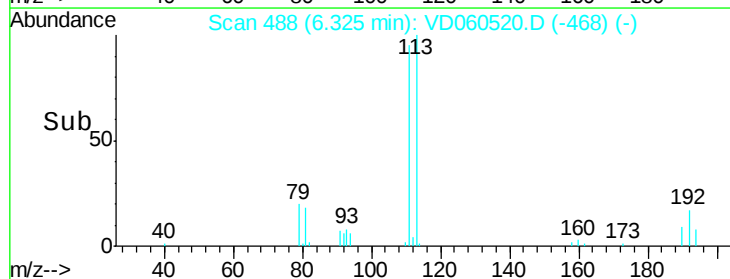
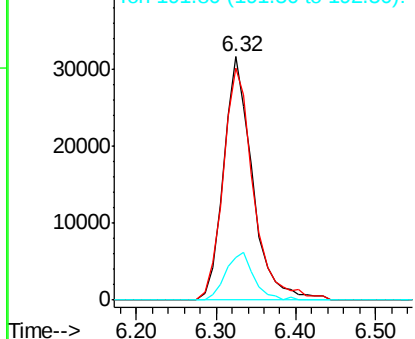


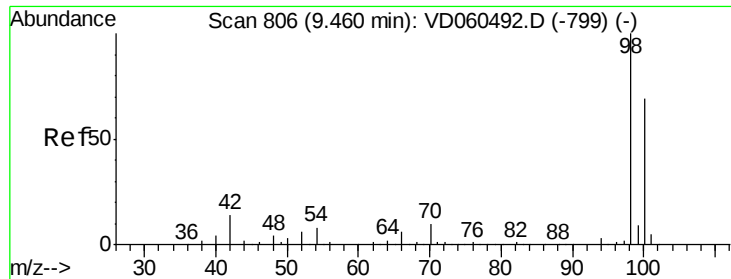
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: VD060520.D
 Acq: 10 Dec 2018 13:01

Tgt Ion:113 Resp: 80642
 Ion Ratio Lower Upper
 113 100
 111 95.5 80.2 120.4
 192 17.5 16.6 24.8



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

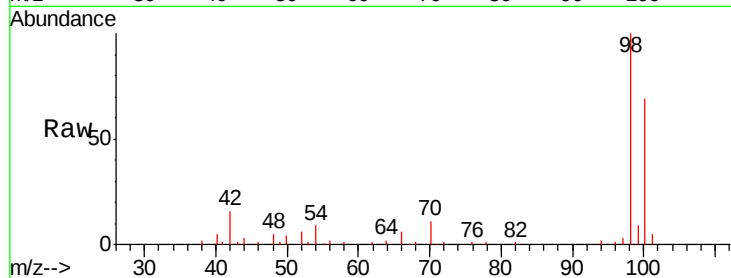




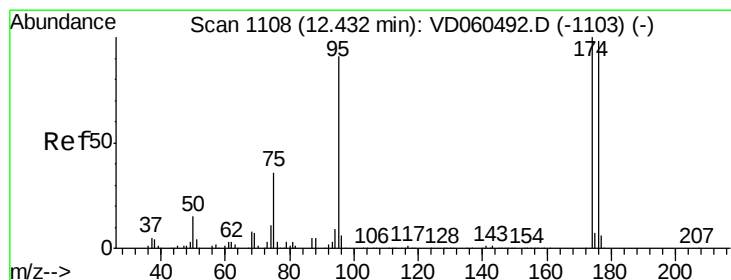
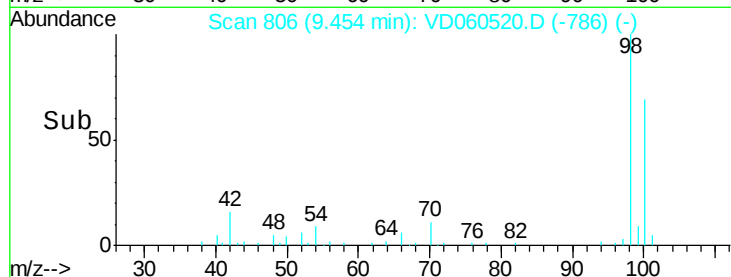
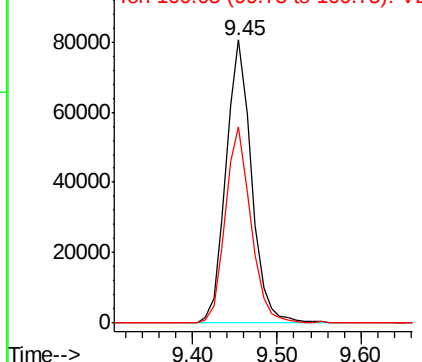
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. -0.01 min
Lab File: VD060520.D
Acq: 10 Dec 2018 13:01

Instrument :
MSVOA_D
ClientSampleId :
EO-03-120718-B

Tgt Ion: 98 Resp: 169191
Ion Ratio Lower Upper
98 100
100 69.5 55.7 83.5

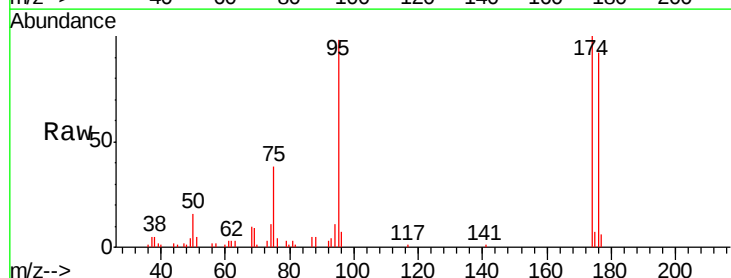


Abundance Ion 98.05 (97.75 to 98.75): VD060492.D (-799) (-)
Ion 100.05 (99.75 to 100.75): VD060492.D (-799) (-)

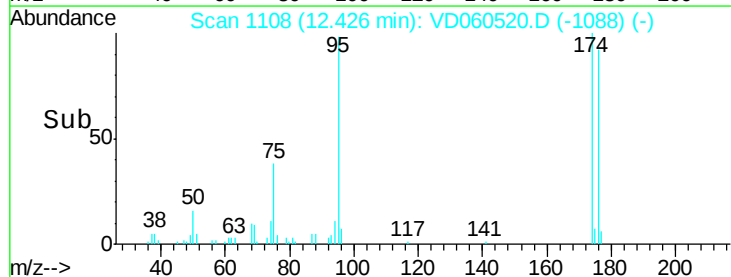
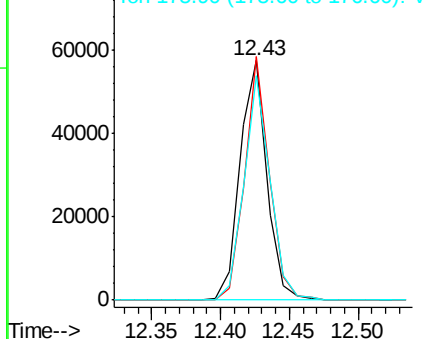


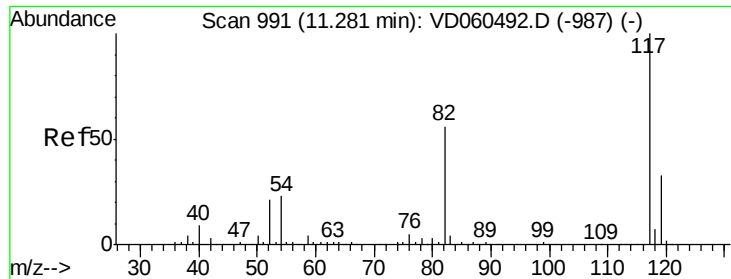
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VD060520.D
Acq: 10 Dec 2018 13:01

Tgt Ion: 95 Resp: 78270
Ion Ratio Lower Upper
95 100
174 101.7 0.0 219.4
176 93.9 0.0 214.6



Abundance Ion 95.00 (94.70 to 95.70): VD060492.D (-1103) (-)
Ion 173.90 (173.60 to 174.60): VD060492.D (-1103) (-)
Ion 175.90 (175.60 to 176.60): VD060492.D (-1103) (-)

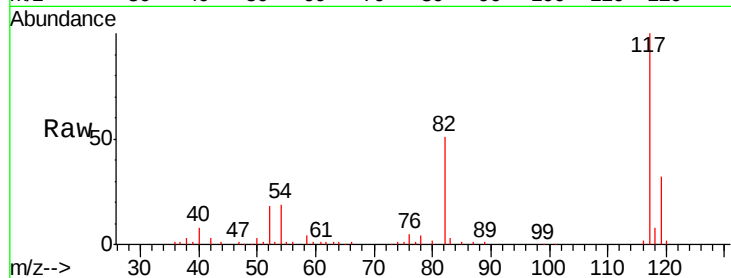




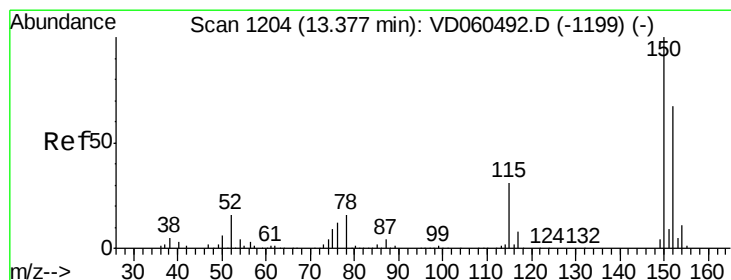
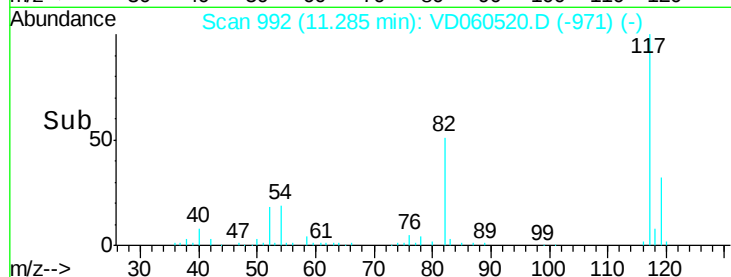
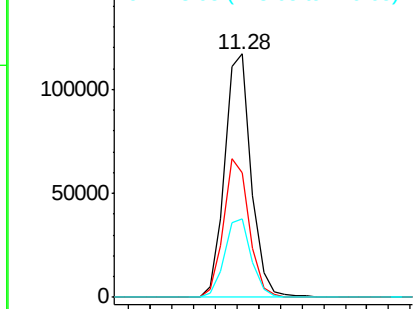
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. 0.00 min
Lab File: VD060520.D
Acq: 10 Dec 2018 13:01

Instrument :
MSVOA_D
ClientSampleId :
EO-03-120718-B

Tgt Ion:117 Resp: 199285
Ion Ratio Lower Upper
117 100
82 51.1 45.2 67.8
119 32.0 26.1 39.1

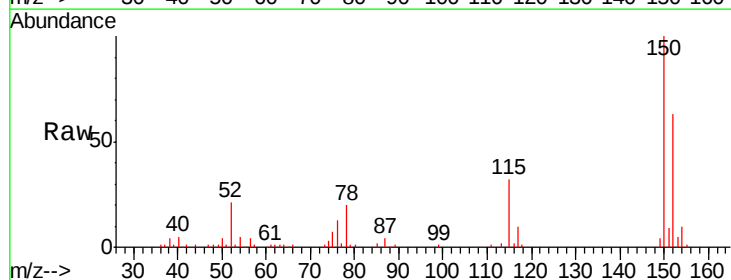


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): VD
Ion 118.95 (118.65 to 119.65): V

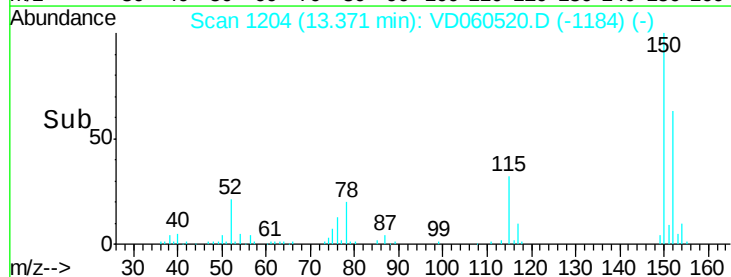
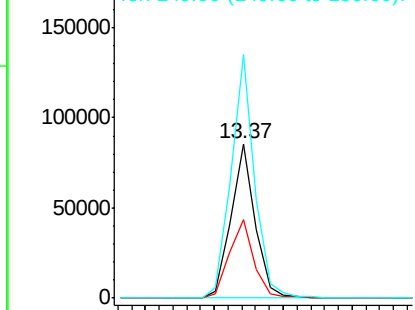


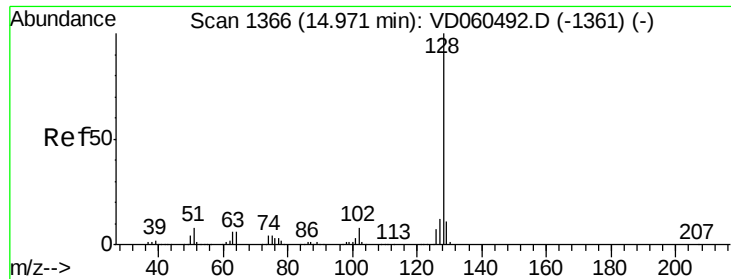
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060520.D
Acq: 10 Dec 2018 13:01

Tgt Ion:152 Resp: 103898
Ion Ratio Lower Upper
152 100
115 51.4 24.6 74.0
150 158.1 0.0 309.0



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





#95
Naphthalene
Concen: 2.471 ug/l
RT: 14.97 min Scan# 1366
Delta R.T. -0.01 min
Lab File: VD060520.D
Acq: 10 Dec 2018 13:01

Instrument :
MSVOA_D
ClientSampleId :
EO-03-120718-B

Tgt Ion:128 Resp: 6570
Ion Ratio Lower Upper
128 100
127 13.1 9.8 14.8
129 11.9 8.6 13.0

