

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121118\
 Data File : VD060531.D
 Acq On : 11 Dec 2018 13:10
 Operator : VA/AP
 Sample : J6195-07
 Misc : 5.92g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-121018-B

Quant Time: Dec 12 03:34:40 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

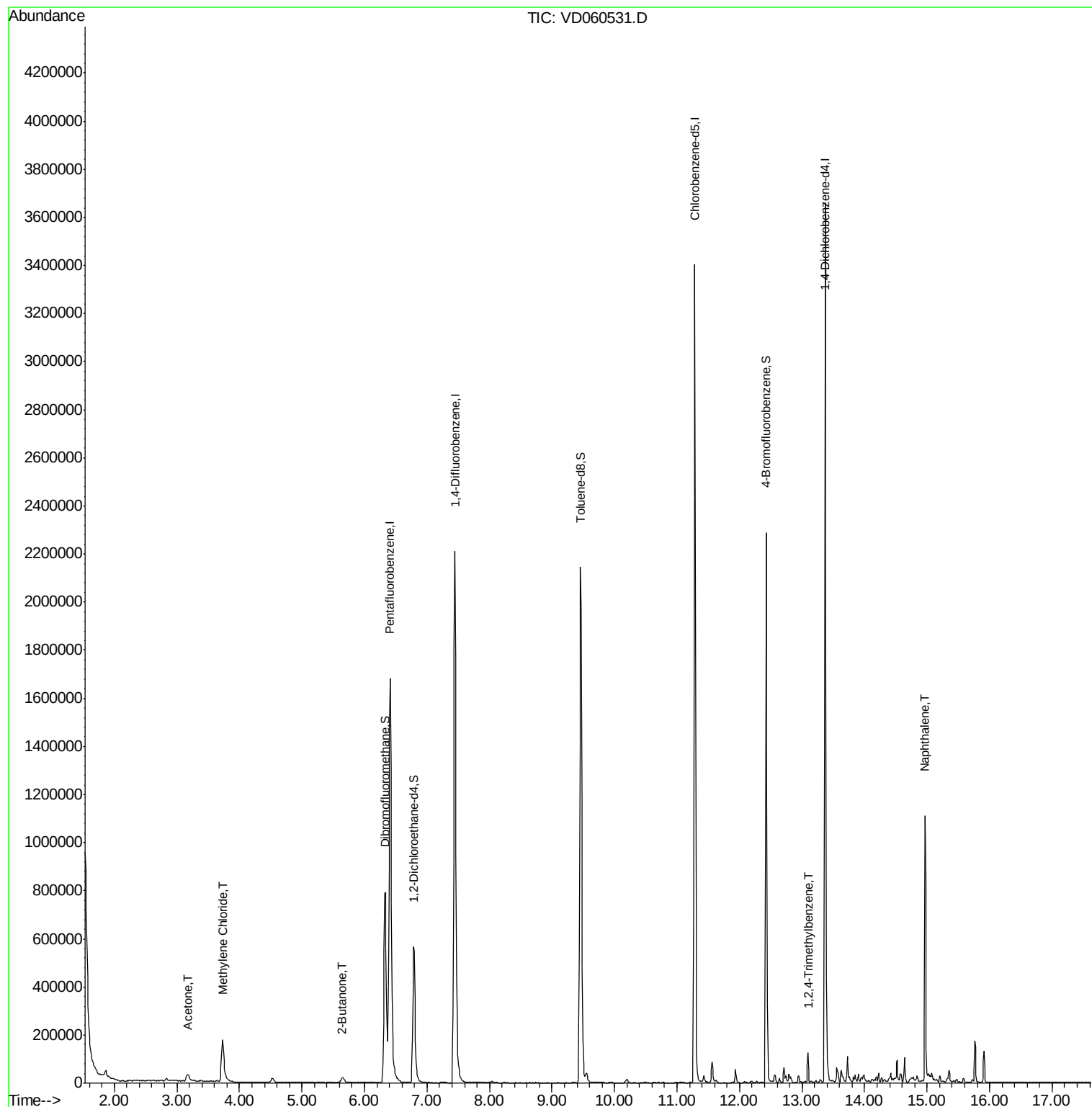
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1640683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	2340018	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	1850783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	820266	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	490296	42.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.32%	
35) Dibromofluoromethane	6.33	113	665817	38.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.48%	
50) Toluene-d8	9.45	98	1788638	35.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.92%	
62) 4-Bromofluorobenzene	12.43	95	634154	35.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.26%	
Target Compounds						
16) Acetone	3.17	43	70905	38.038	ug/l	91
20) Methylene Chloride	3.73	84	124337	3.066	ug/l	96
25) 2-Butanone	5.63	43	16862	4.598	ug/l #	89
84) 1,2,4-Trimethylbenzene	13.09	105	52633	1.146	ug/l	100
95) Naphthalene	14.96	128	685422	32.647	ug/l	99

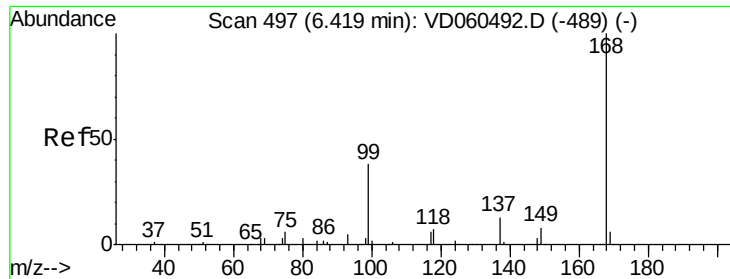
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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OR-02-121018-B

Quant Time: Dec 12 03:34:40 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
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: VD060531.D

Acq: 11 Dec 2018 13:10

Instrument :

MSVOA_D

ClientSampleId :

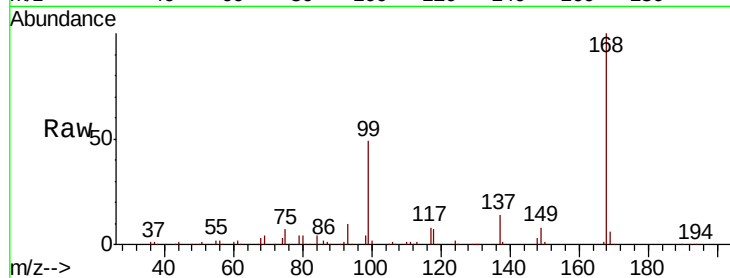
OR-02-121018-B

Tot Ion:168 Resp: 1640683

Ion Ratio Lower Upper

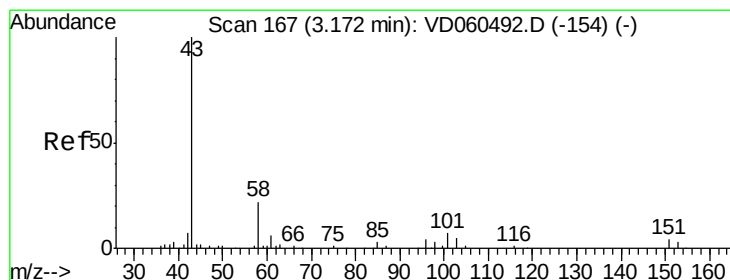
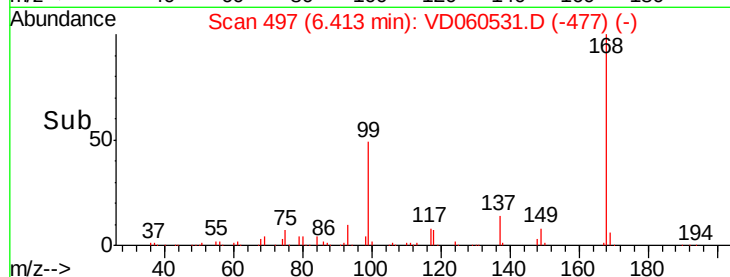
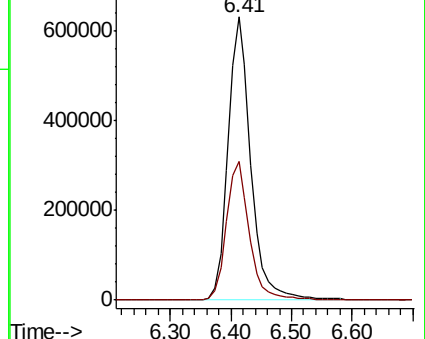
168 100

99 48.8 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 38.038 ug/l

RT: 3.17 min Scan# 168

Delta R.T. 0.00 min

Lab File: VD060531.D

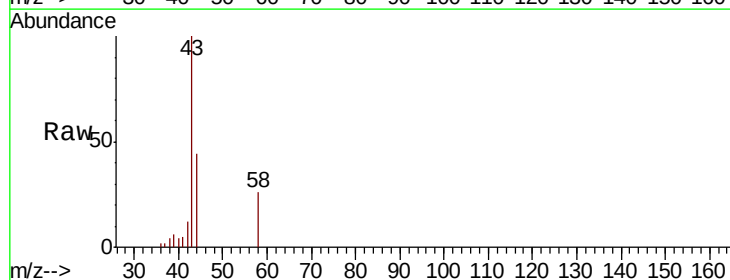
Acq: 11 Dec 2018 13:10

Tgt Ion: 43 Resp: 70905

Ion Ratio Lower Upper

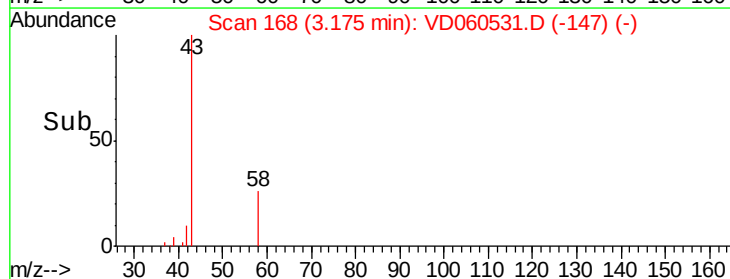
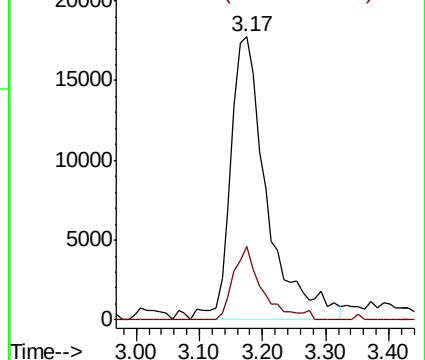
43 100

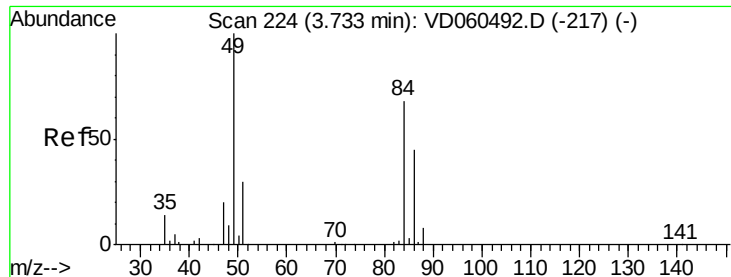
58 25.9 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

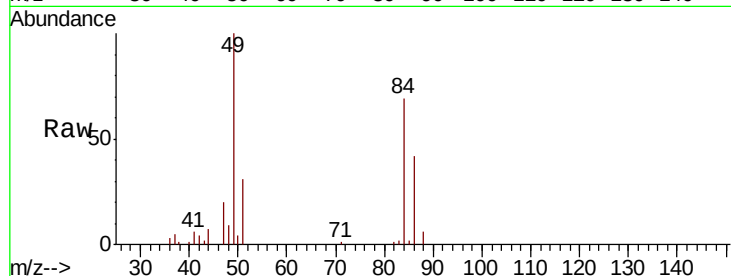




#20
Methvlene Chloride
Concen: 3.066 ug/l
RT: 3.73 min Scan# 224
Delta R.T. -0.01 min
Lab File: VD060531.D
Acq: 11 Dec 2018 13:10

Instrument :
MSVOA_D
ClientSampleId :
OR-02-121018-B

Tot Ion	84	Resp	124337
Ion	Ratio	Lower	Upper
84	100		
49	144.2	117.2	175.8
51	45.4	35.3	52.9
86	59.9	53.2	79.8



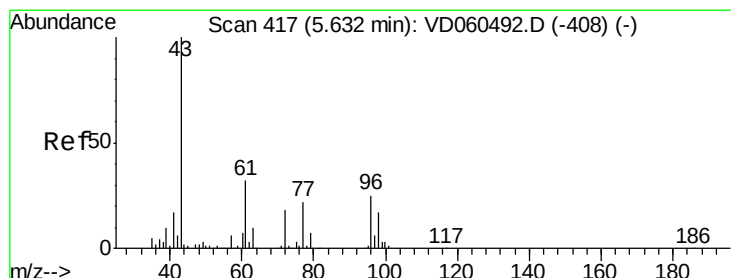
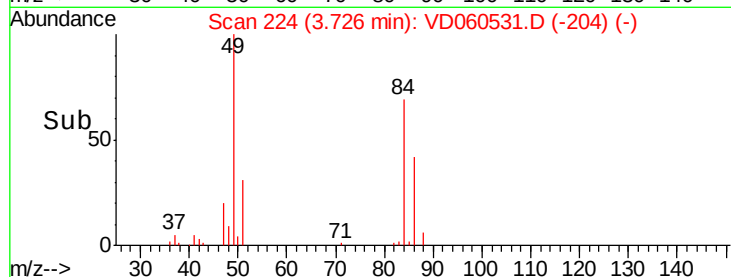
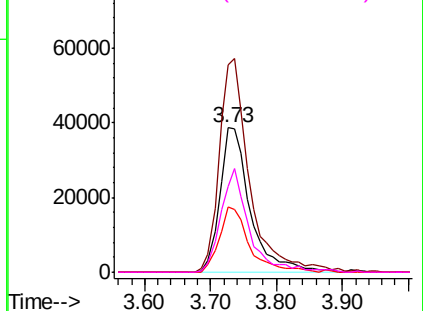
Abundance

Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

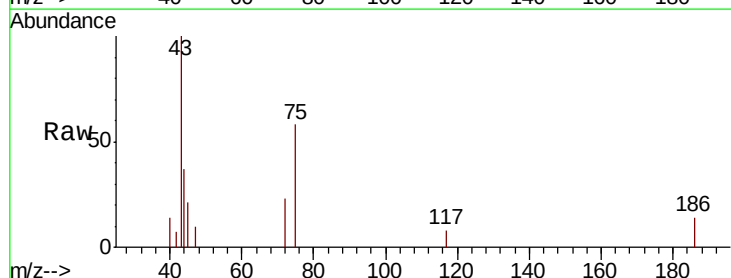
Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#25
2-Butanone
Concen: 4.598 ug/l
RT: 5.63 min Scan# 417
Delta R.T. -0.01 min
Lab File: VD060531.D
Acq: 11 Dec 2018 13:10

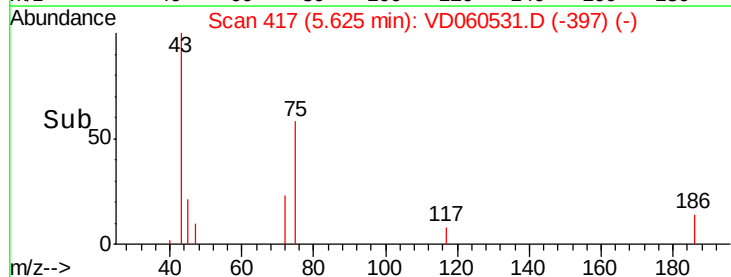
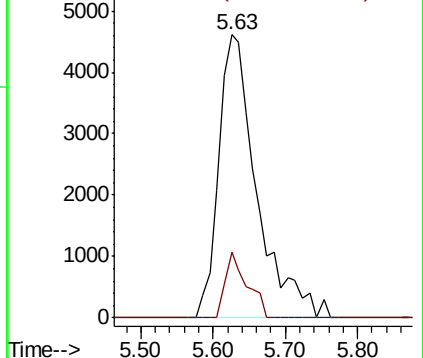
Tgt Ion	43	Resp	16862
Ion	Ratio	Lower	Upper
43	100		
72	23.1	14.6	21.8#

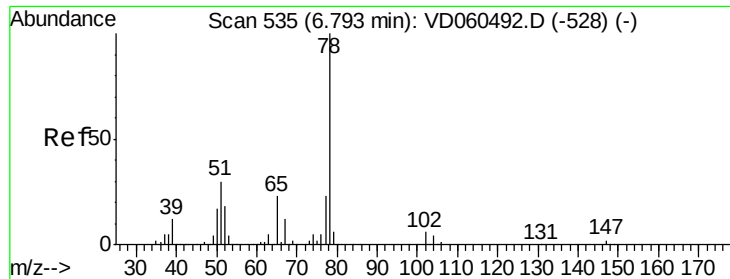


Abundance

Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

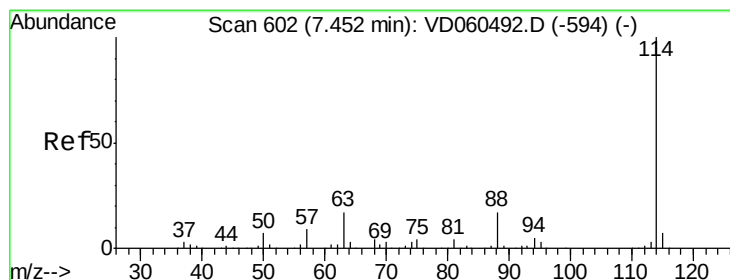
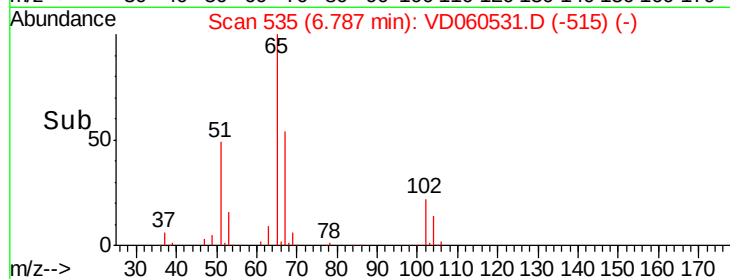
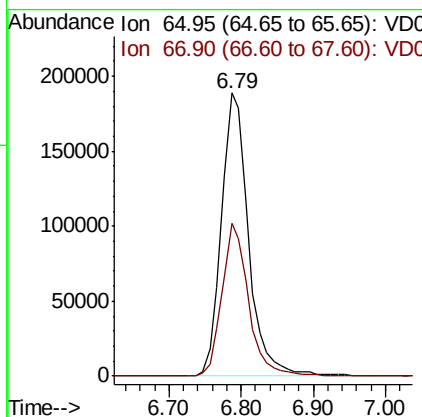
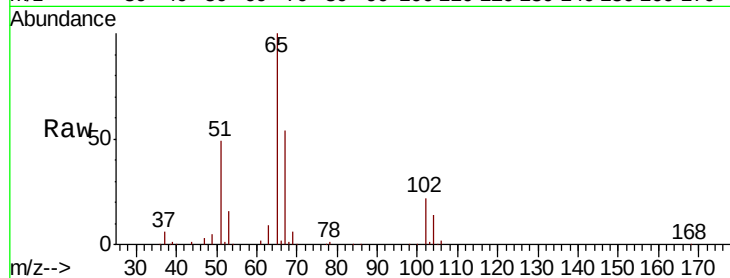




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.79 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VD060531.D
 Acq: 11 Dec 2018 13:10

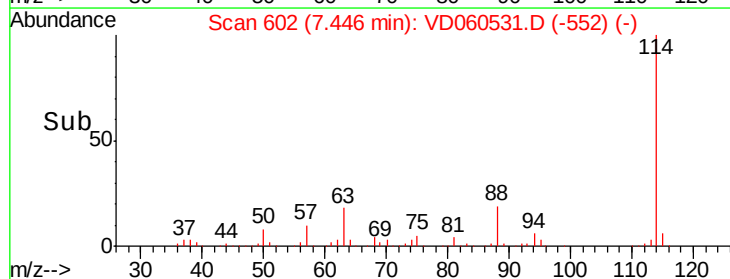
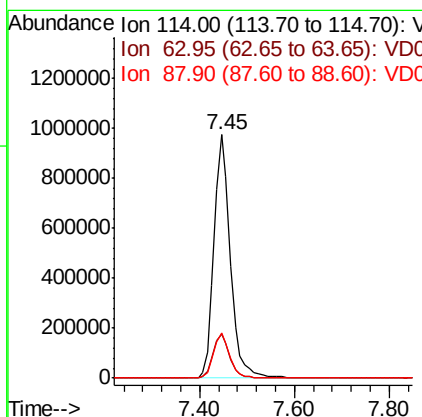
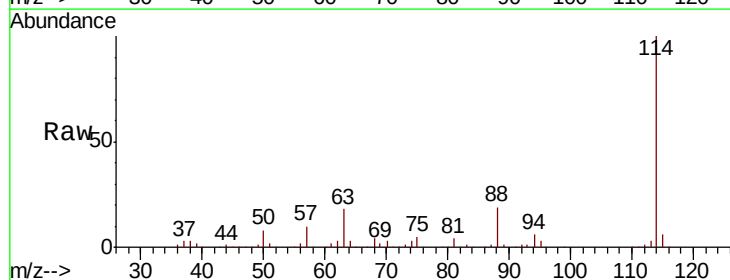
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-121018-B

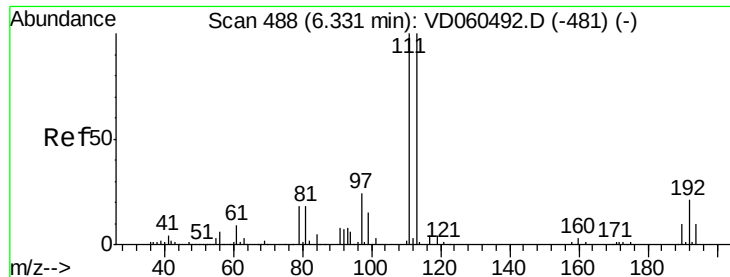
Tot Ion: 65 Resp: 490296
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060531.D
 Acq: 11 Dec 2018 13:10

Tgt Ion: 114 Resp: 2340018
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 34.2
 88 18.6 0.0 35.0

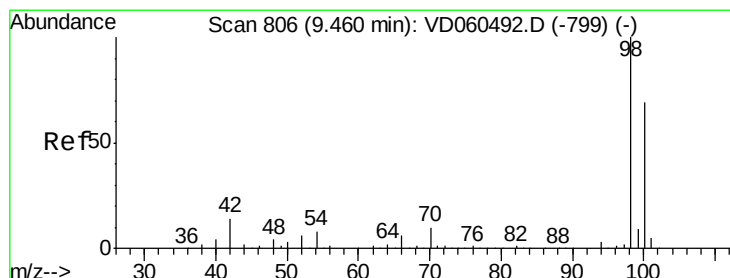
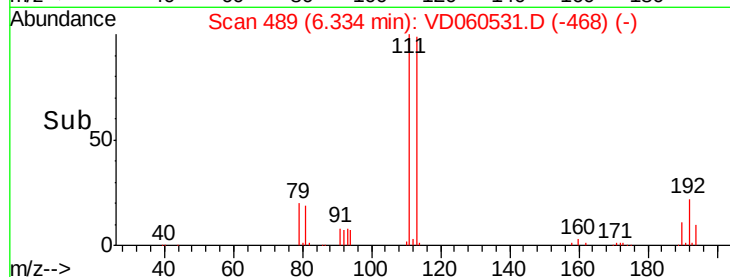
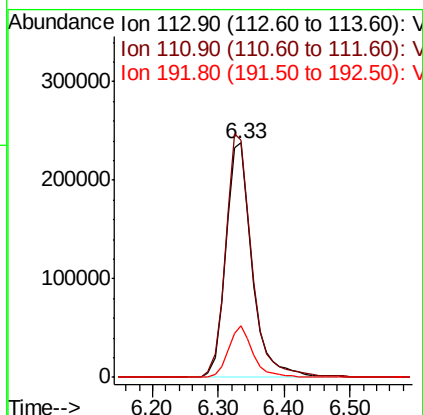
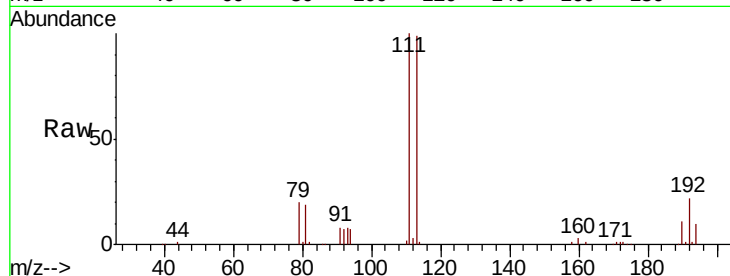




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.33 min Scan# 489
Delta R.T. 0.00 min
Lab File: VD060531.D
Acq: 11 Dec 2018 13:10

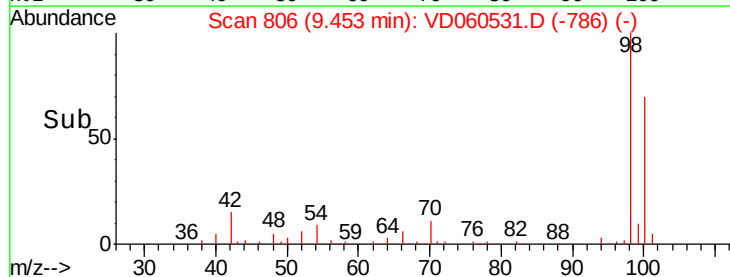
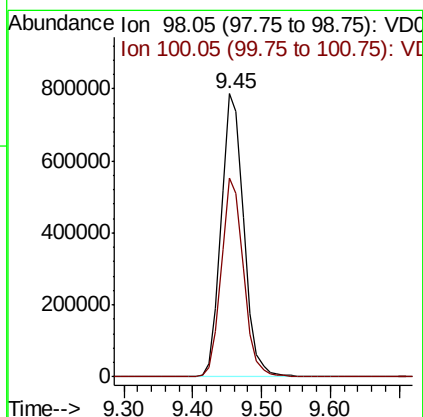
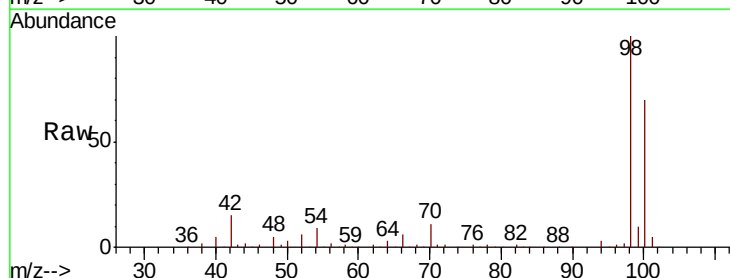
Instrument :
MSVOA_D
ClientSampleId :
OR-02-121018-B

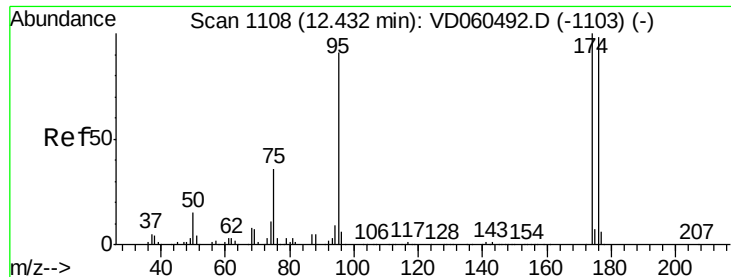
Tot Ion:113 Resp: 665817
Ion Ratio Lower Upper
113 100
111 101.2 80.2 120.4
192 21.9 16.6 24.8



#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. -0.01 min
Lab File: VD060531.D
Acq: 11 Dec 2018 13:10

Tgt Ion: 98 Resp: 1788638
Ion Ratio Lower Upper
98 100
100 70.3 55.7 83.5

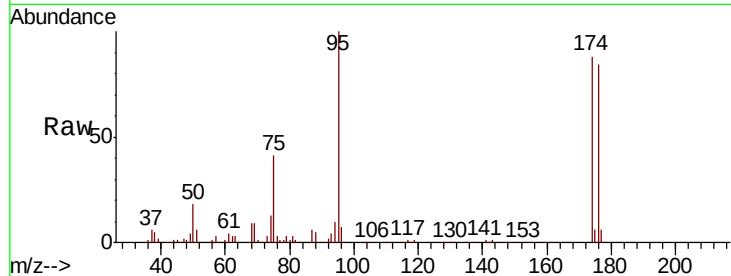




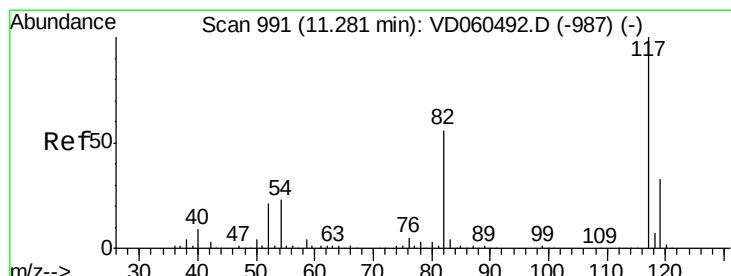
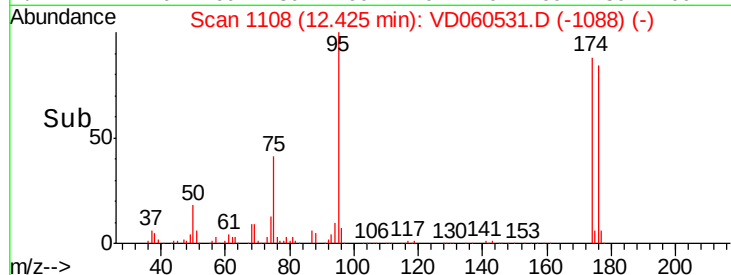
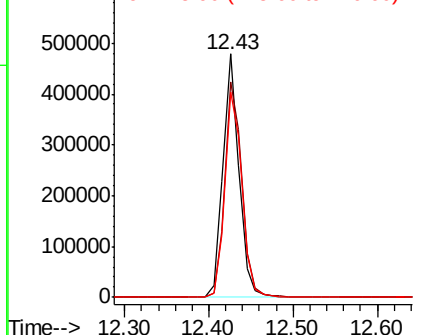
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VD060531.D
Acq: 11 Dec 2018 13:10

Instrument :
MSVOA_D
ClientSampleId :
OR-02-121018-B

Tot Ion: 95 Resp: 634154
Ion Ratio Lower Upper
95 100
174 88.3 0.0 219.4
176 84.2 0.0 214.6

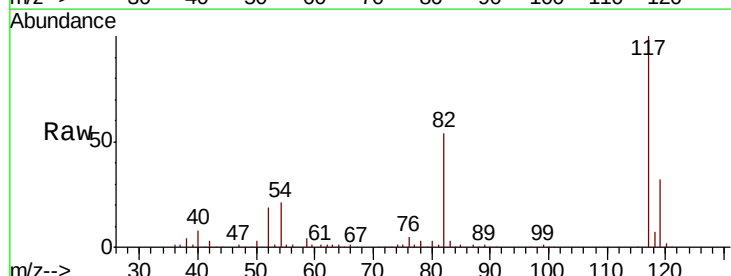


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

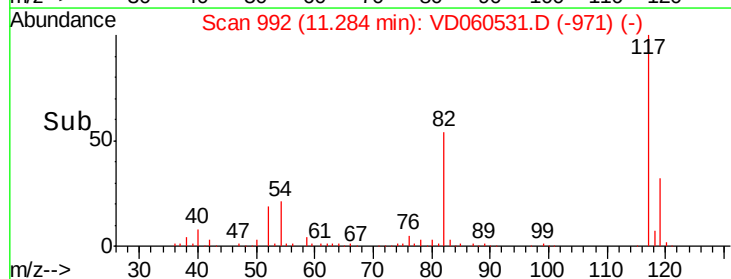
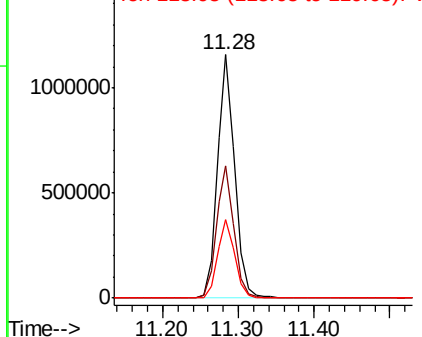


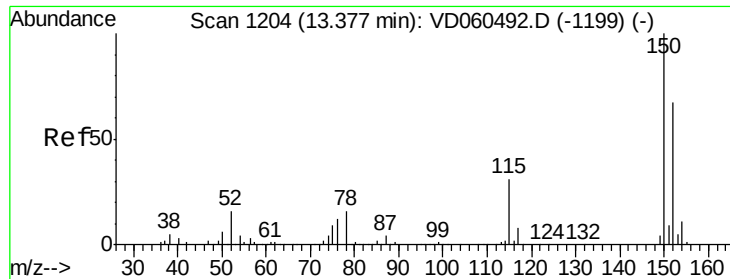
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. 0.00 min
Lab File: VD060531.D
Acq: 11 Dec 2018 13:10

Tgt Ion: 117 Resp: 1850783
Ion Ratio Lower Upper
117 100
82 54.2 45.2 67.8
119 32.5 26.1 39.1



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# 1204

Delta R.T. -0.01 min

Lab File: VD060531.D

Acq: 11 Dec 2018 13:10

Instrument :

MSVOA_D

ClientSampleId :

OR-02-121018-B

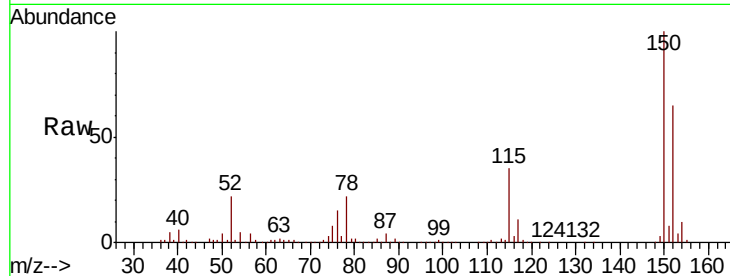
Tot Ion:152 Resp: 820266

Ion Ratio Lower Upper

152 100

115 54.9 24.6 74.0

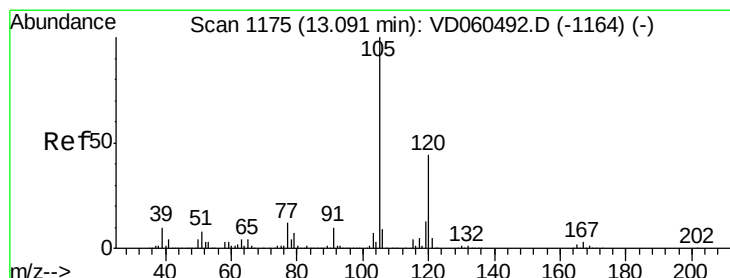
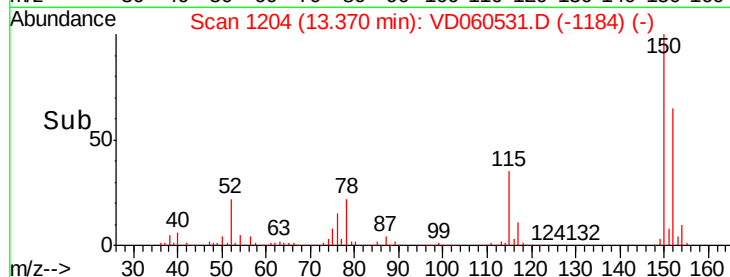
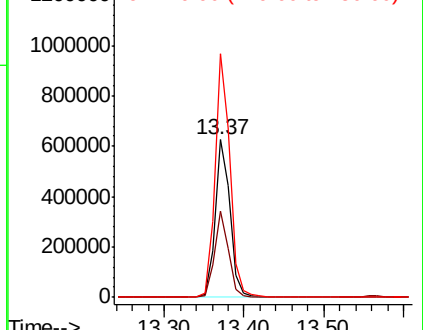
150 154.6 0.0 309.0



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



#84

1,2,4-Trimethylbenzene

Concen: 1.146 ug/l

RT: 13.09 min Scan# 1176

Delta R.T. 0.00 min

Lab File: VD060531.D

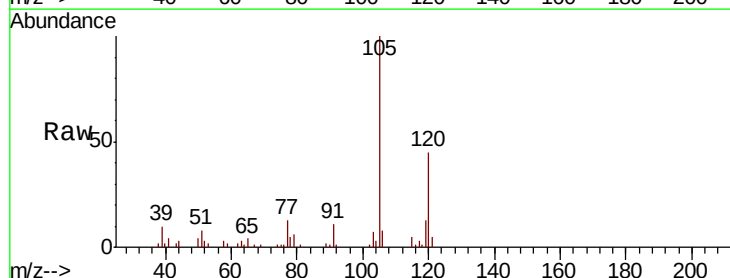
Acq: 11 Dec 2018 13:10

Tgt Ion:105 Resp: 52633

Ion Ratio Lower Upper

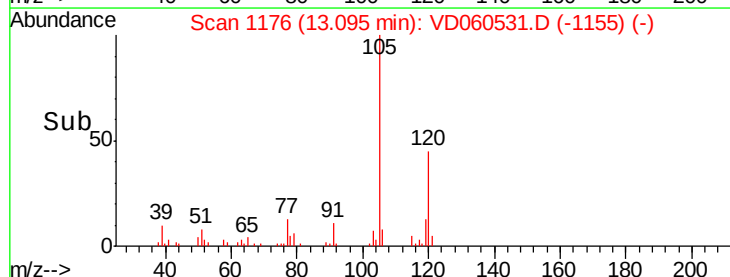
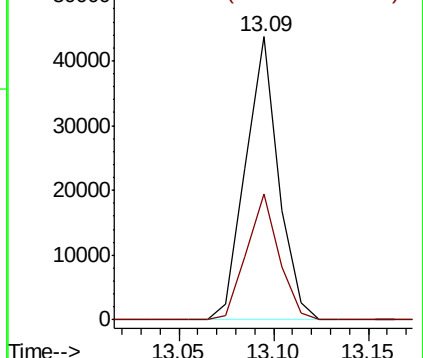
105 100

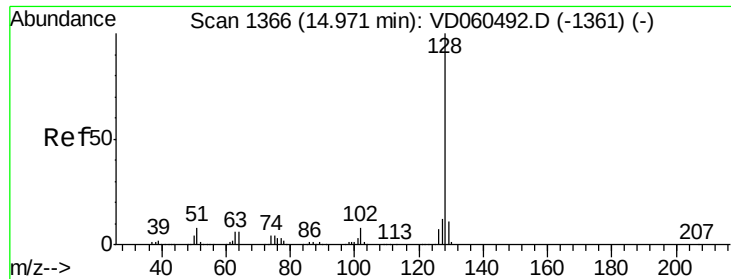
120 44.7 22.3 66.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#95
 Naphthalene
 Concen: 32.647 ug/l
 RT: 14.96 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: VD060531.D
 Acq: 11 Dec 2018 13:10

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-121018-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.0	9.8	14.8
129	10.9	8.6	13.0

