

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120618\
 Data File : VD060505.D
 Acq On : 6 Dec 2018 15:08
 Operator : VA/AP
 Sample : J6234-01
 Misc : 5.11g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-218

Quant Time: Dec 07 04:04:43 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

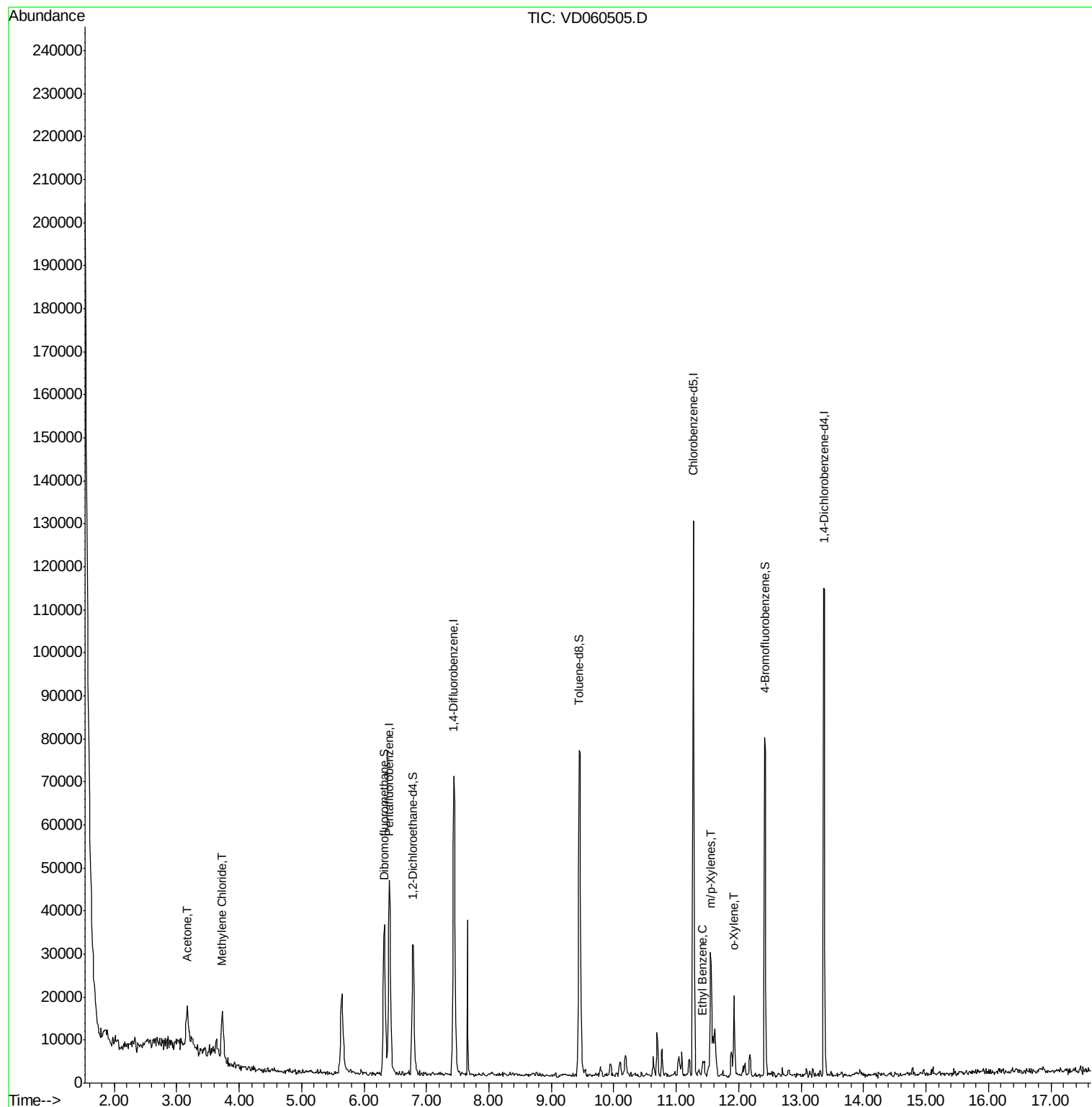
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	46662	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.44	114	76387	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.28	117	66666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	28912	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	27446	82.98	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	165.96%	
35) Dibromofluoromethane	6.33	113	28101	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
50) Toluene-d8	9.45	98	61413	37.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.64%	
62) 4-Bromofluorobenzene	12.42	95	24408	42.01	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	84.02%	
Target Compounds						
16) Acetone	3.17	43	16391	309.179	ug/l #	89
20) Methylene Chloride	3.73	84	7448	11.892	ug/l	93
67) Ethyl Benzene	11.42	91	3060	1.272	ug/l	96
68) m/p-Xylenes	11.55	106	8207	9.221	ug/l	96
69) o-Xylene	11.92	106	4028	4.749	ug/l	85

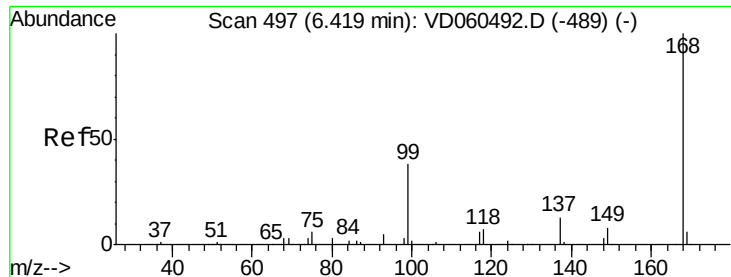
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120618\
Data File : VD060505.D
Acq On : 6 Dec 2018 15:08
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Sample : J6234-01
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Quant Time: Dec 07 04:04:43 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: 6.40 min Scan# 496

Delta R.T. -0.02 min

Lab File: VD060505.D

Acq: 6 Dec 2018 15:08

Instrument :

MSVOA_D

ClientSampleId :

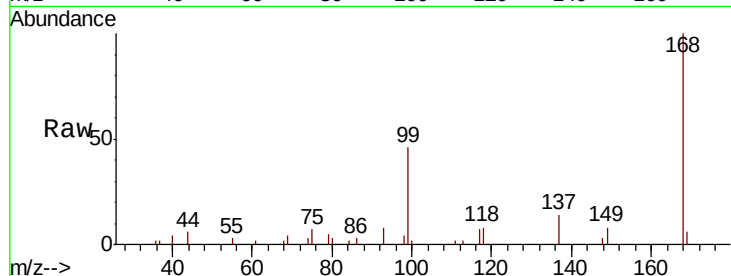
VNJ-218

Tot Ion:168 Resp: 46662

Ion Ratio Lower Upper

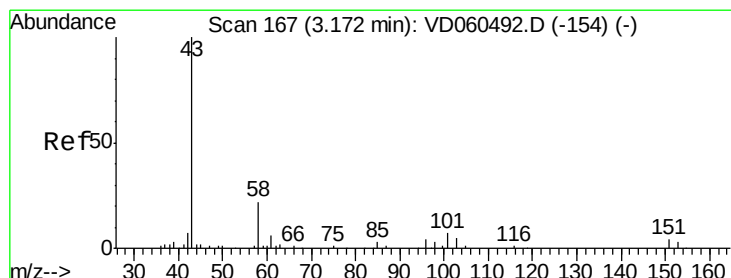
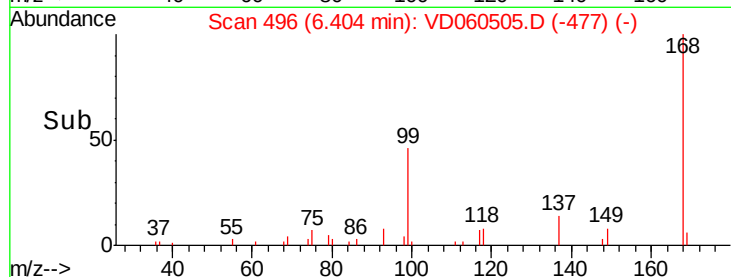
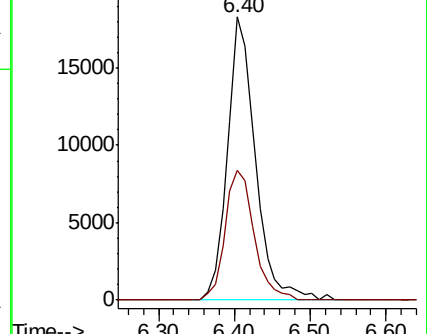
168 100

99 45.8 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: 309.179 ug/l

RT: 3.17 min Scan# 167

Delta R.T. -0.01 min

Lab File: VD060505.D

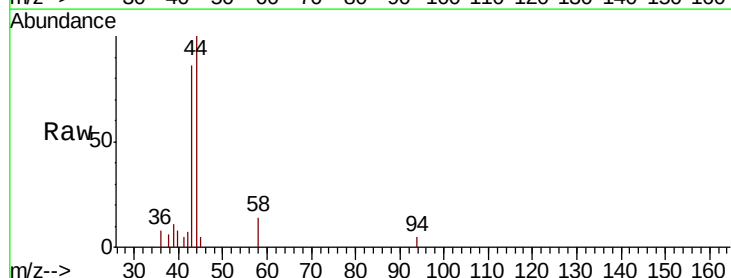
Acq: 6 Dec 2018 15:08

Tgt Ion: 43 Resp: 16391

Ion Ratio Lower Upper

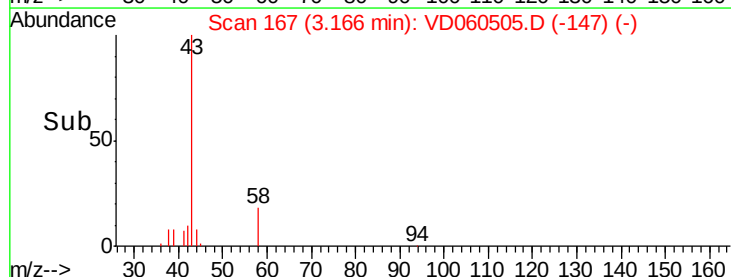
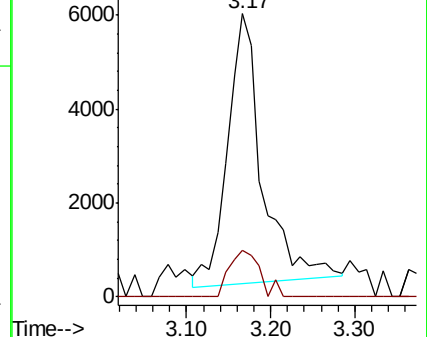
43 100

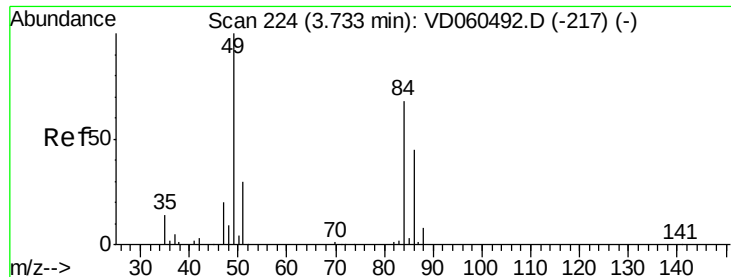
58 16.5 17.3 25.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

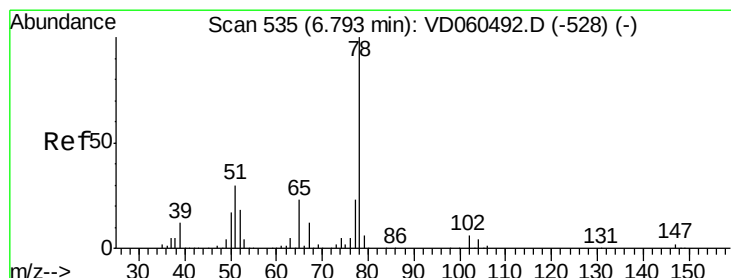
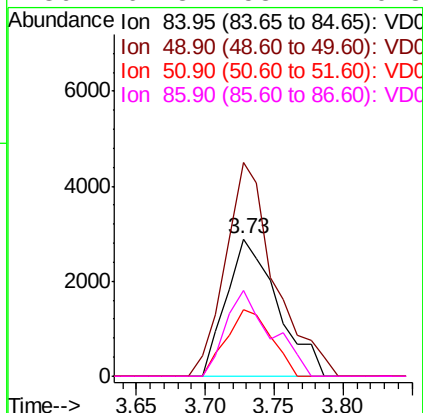
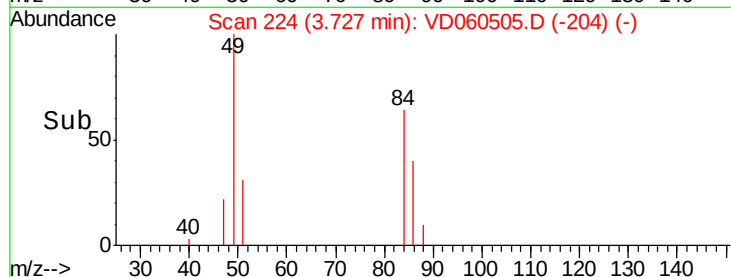
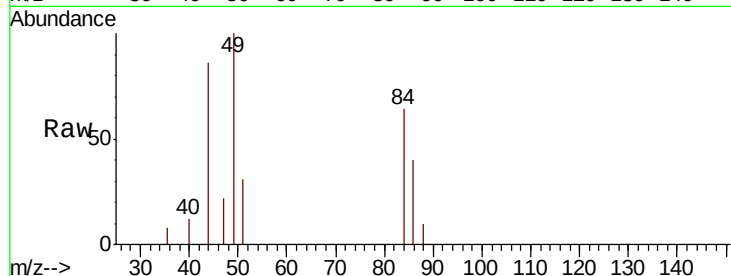




#20
Methylene Chloride
Concen: 11.892 ug/l
RT: 3.73 min Scan# 224
Delta R.T. -0.00 min
Lab File: VD060505.D
Acq: 6 Dec 2018 15:08

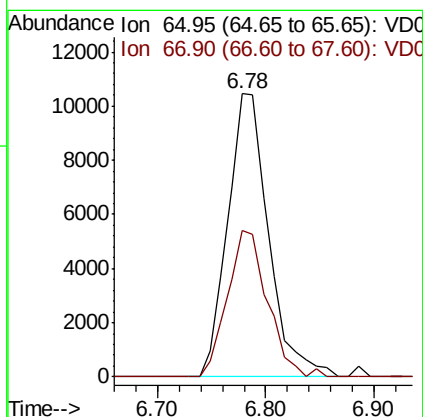
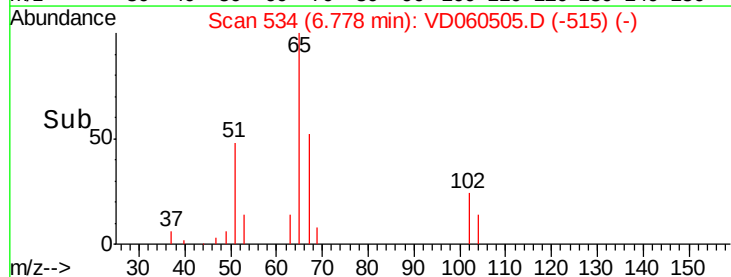
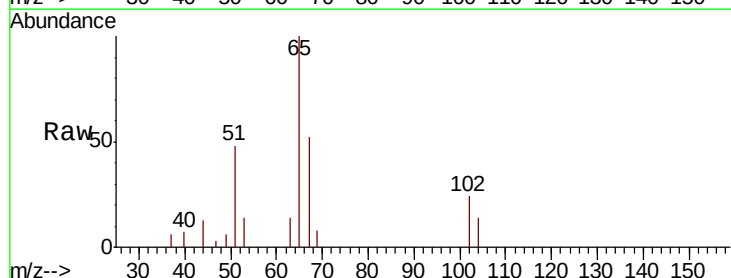
Instrument :
MSVOA_D
ClientSampleId :
VNJ-218

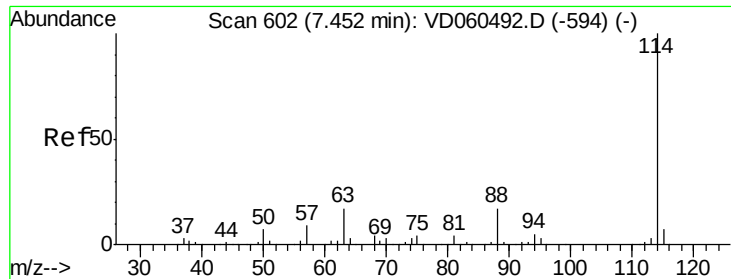
Tot Ion: 84 Resp: 7448
Ion Ratio Lower Upper
84 100
49 155.4 117.2 175.8
51 48.7 35.3 52.9
86 62.3 53.2 79.8



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.78 min Scan# 534
Delta R.T. -0.02 min
Lab File: VD060505.D
Acq: 6 Dec 2018 15:08

Tgt Ion: 65 Resp: 27446
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.44 min Scan# 601

Delta R.T. -0.02 min

Lab File: VD060505.D

Acq: 6 Dec 2018 15:08

Instrument :

MSVOA_D

ClientSampleId :

VNJ-218

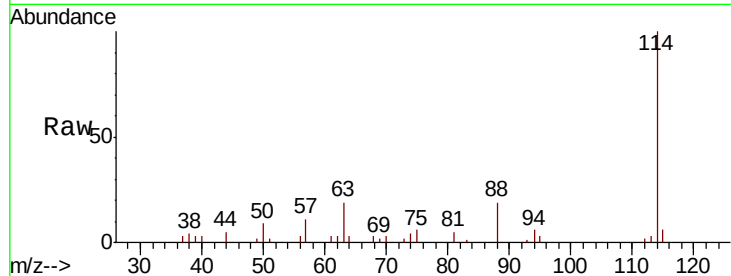
Tot Ion:114 Resp: 76387

Ion Ratio Lower Upper

114 100

63 19.4 0.0 34.2

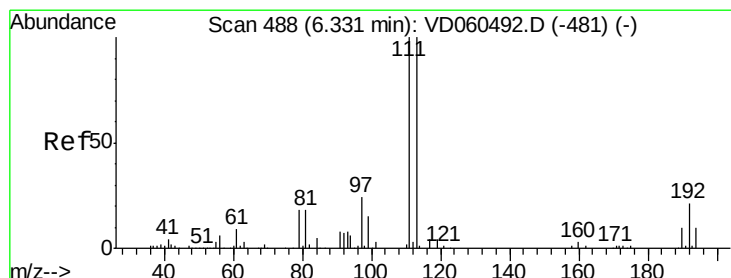
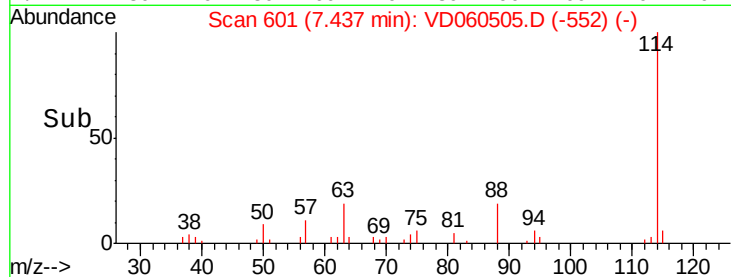
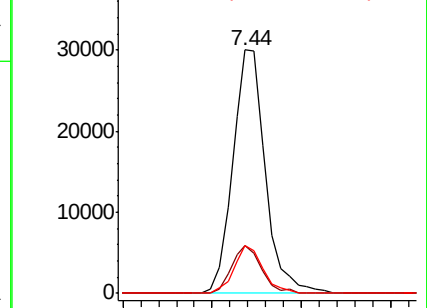
88 19.5 0.0 35.0



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: 6.33 min Scan# 488

Delta R.T. -0.01 min

Lab File: VD060505.D

Acq: 6 Dec 2018 15:08

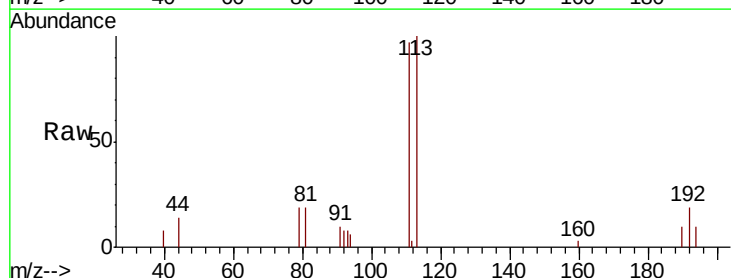
Tgt Ion:113 Resp: 28101

Ion Ratio Lower Upper

113 100

111 97.1 80.2 120.4

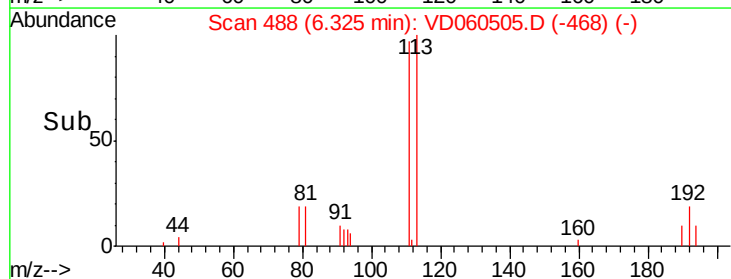
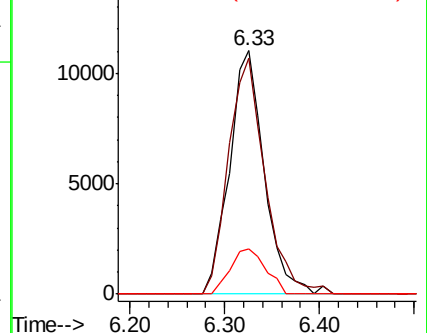
192 18.8 16.6 24.8

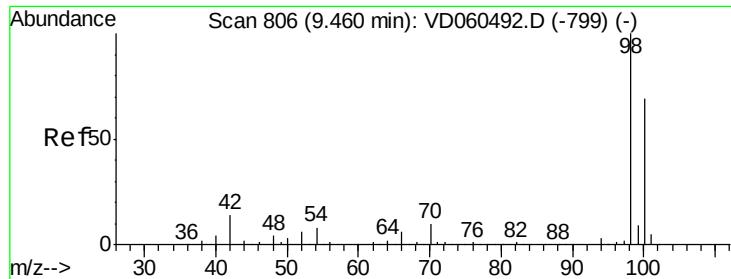


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

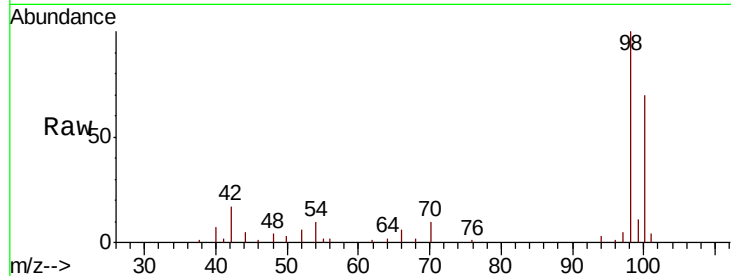




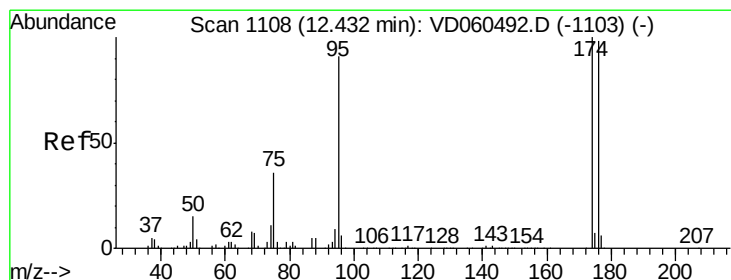
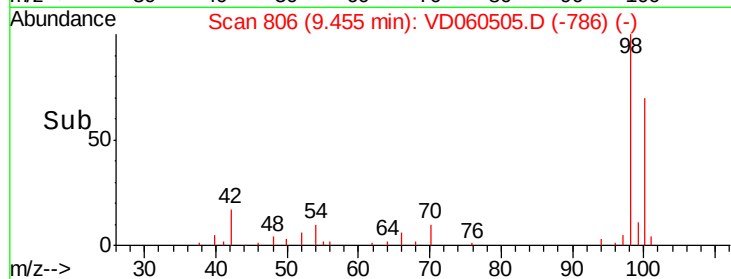
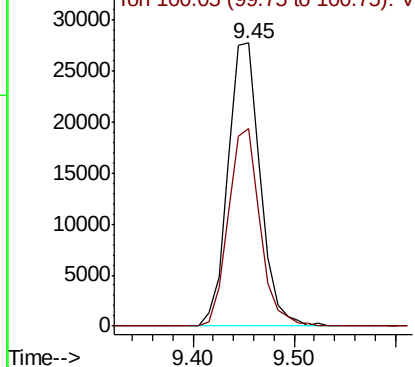
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. -0.01 min
Lab File: VD060505.D
Acq: 6 Dec 2018 15:08

Instrument :
MSVOA_D
ClientSampleId :
VNJ-218

Tot Ion: 98 Resp: 61413
Ion Ratio Lower Upper
98 100
100 69.7 55.7 83.5

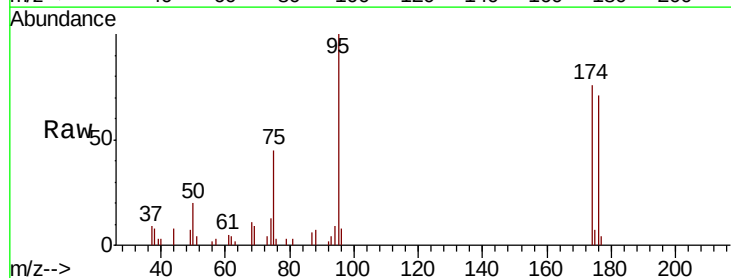


Abundance Ion 98.05 (97.75 to 98.75): VD060492.D (-799) (-)
Ion 100.05 (99.75 to 100.75): VD060492.D (-799) (-)

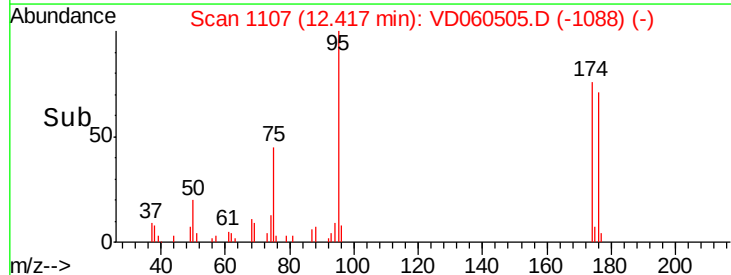
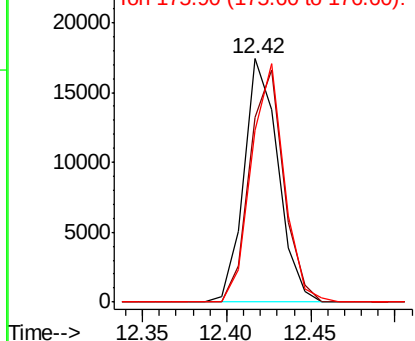


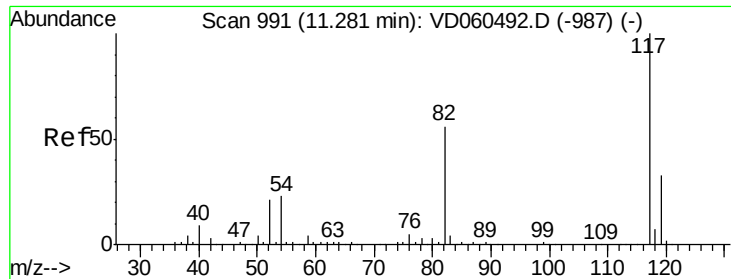
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1107
Delta R.T. -0.02 min
Lab File: VD060505.D
Acq: 6 Dec 2018 15:08

Tgt Ion: 95 Resp: 24408
Ion Ratio Lower Upper
95 100
174 75.9 0.0 219.4
176 70.7 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) (-)

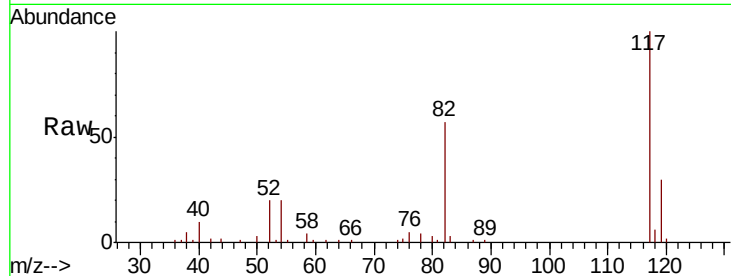




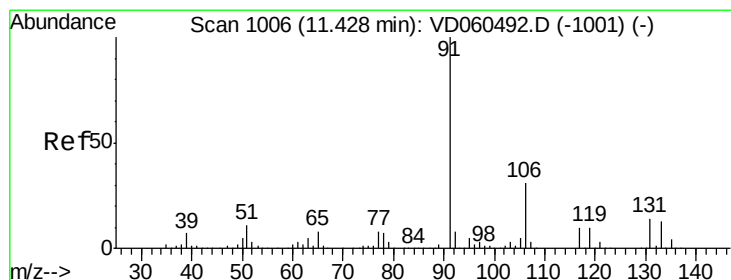
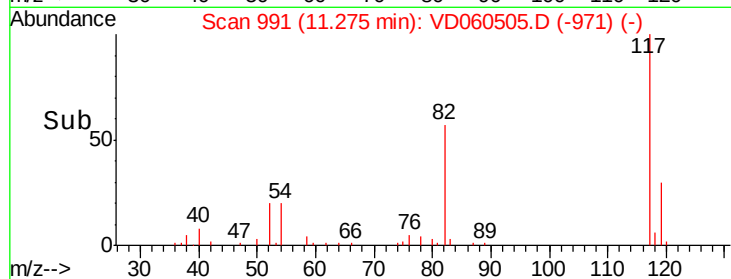
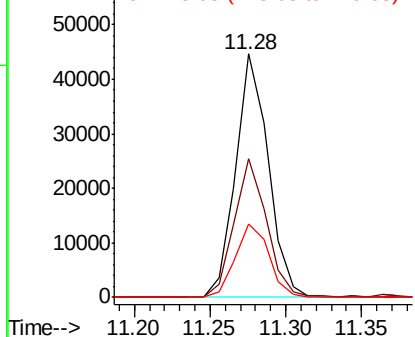
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. -0.01 min
Lab File: VD060505.D
Acq: 6 Dec 2018 15:08

Instrument :
MSVOA_D
ClientSampleId :
VNJ-218

Tot Ion:117 Resp: 66666
Ion Ratio Lower Upper
117 100
82 56.9 45.2 67.8
119 30.0 26.1 39.1

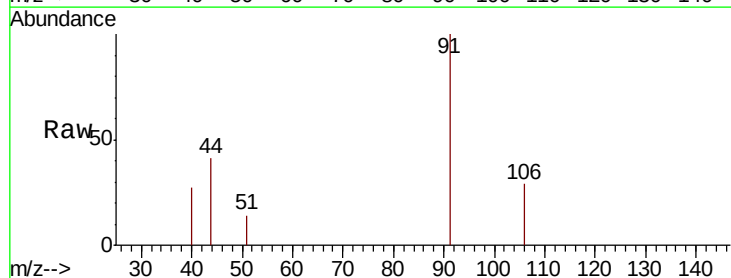


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

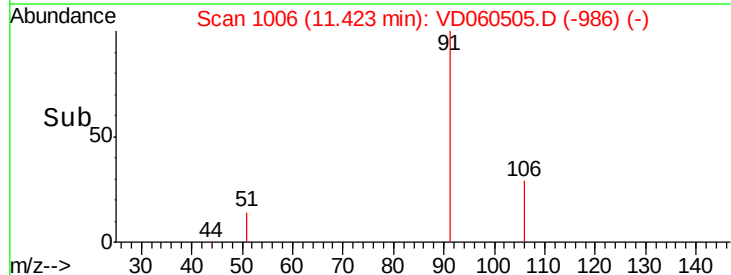
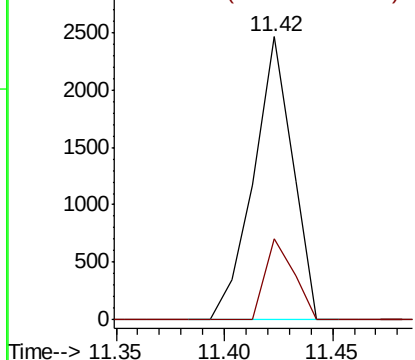


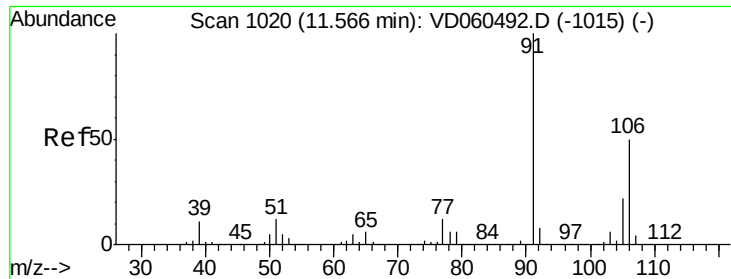
#67
Ethyl Benzene
Concen: 1.272 ug/l
RT: 11.42 min Scan# 1006
Delta R.T. -0.01 min
Lab File: VD060505.D
Acq: 6 Dec 2018 15:08

Tgt Ion: 91 Resp: 3060
Ion Ratio Lower Upper
91 100
106 28.7 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.05 (105.75 to 106.75): V

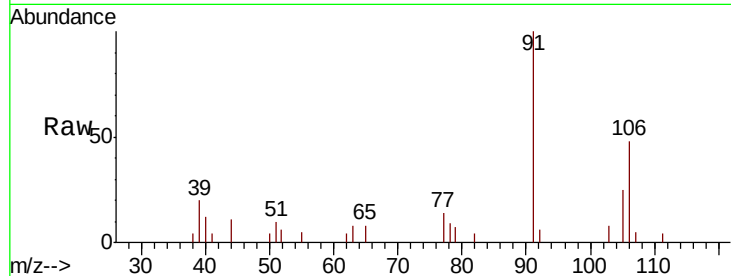




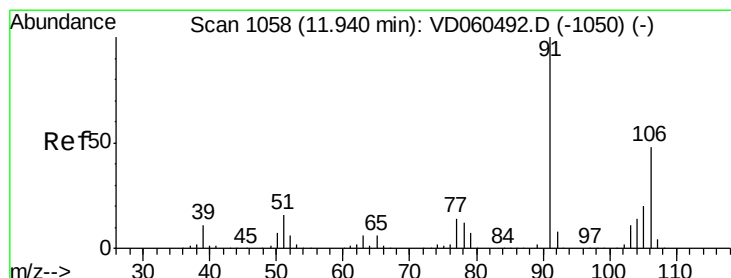
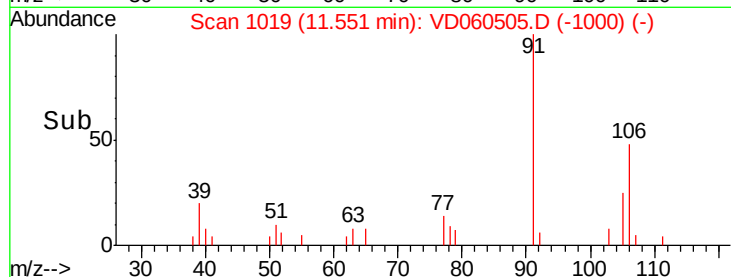
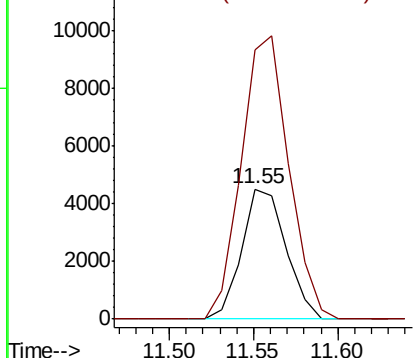
#68
m/p-Xylenes
Concen: 9.221 ug/l
RT: 11.55 min Scan# 1019
Delta R.T. -0.02 min
Lab File: VD060505.D
Acq: 6 Dec 2018 15:08

Instrument :
MSVOA_D
ClientSampleId :
VNJ-218

Tot Ion:106 Resp: 8207
Ion Ratio Lower Upper
106 100
91 206.8 160.5 240.7

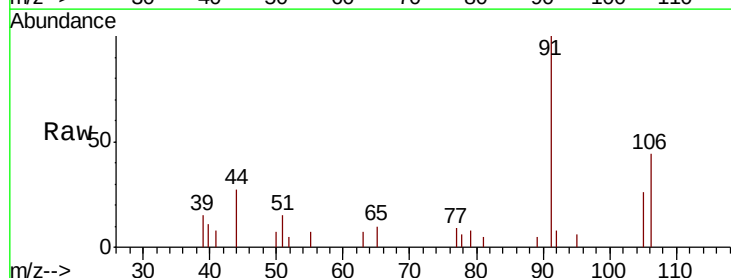


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

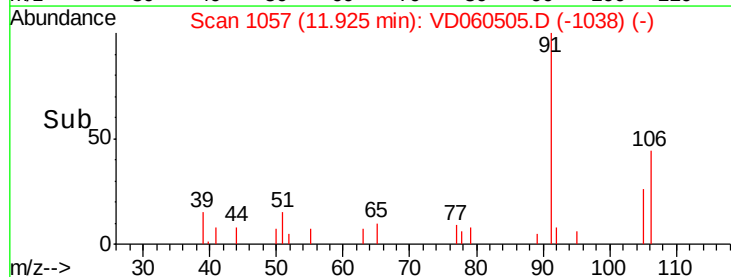
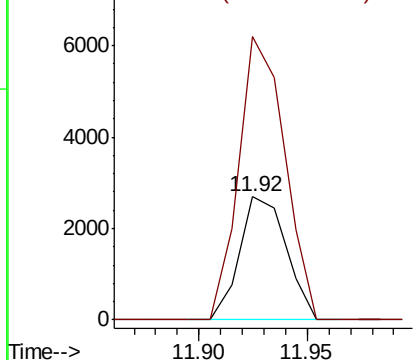


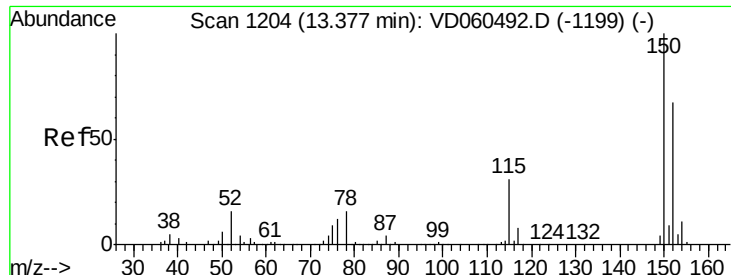
#69
o-Xylene
Concen: 4.749 ug/l
RT: 11.92 min Scan# 1057
Delta R.T. -0.02 min
Lab File: VD060505.D
Acq: 6 Dec 2018 15:08

Tgt Ion:106 Resp: 4028
Ion Ratio Lower Upper
106 100
91 229.7 103.4 310.1



Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.37 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: VD060505.D
 Acq: 6 Dec 2018 15:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-218

Tot Ion:152 Resp: 28912
 Ion Ratio Lower Upper
 152 100
 115 48.7 24.6 74.0
 150 158.2 0.0 309.0

