

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122018\
 Data File : VD060665.D
 Acq On : 20 Dec 2018 18:24
 Operator : VA/AP
 Sample : J6481-03
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PROP-SW-1

Quant Time: Dec 21 06:01:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 03:34:39 2018
 Response via : Initial Calibration

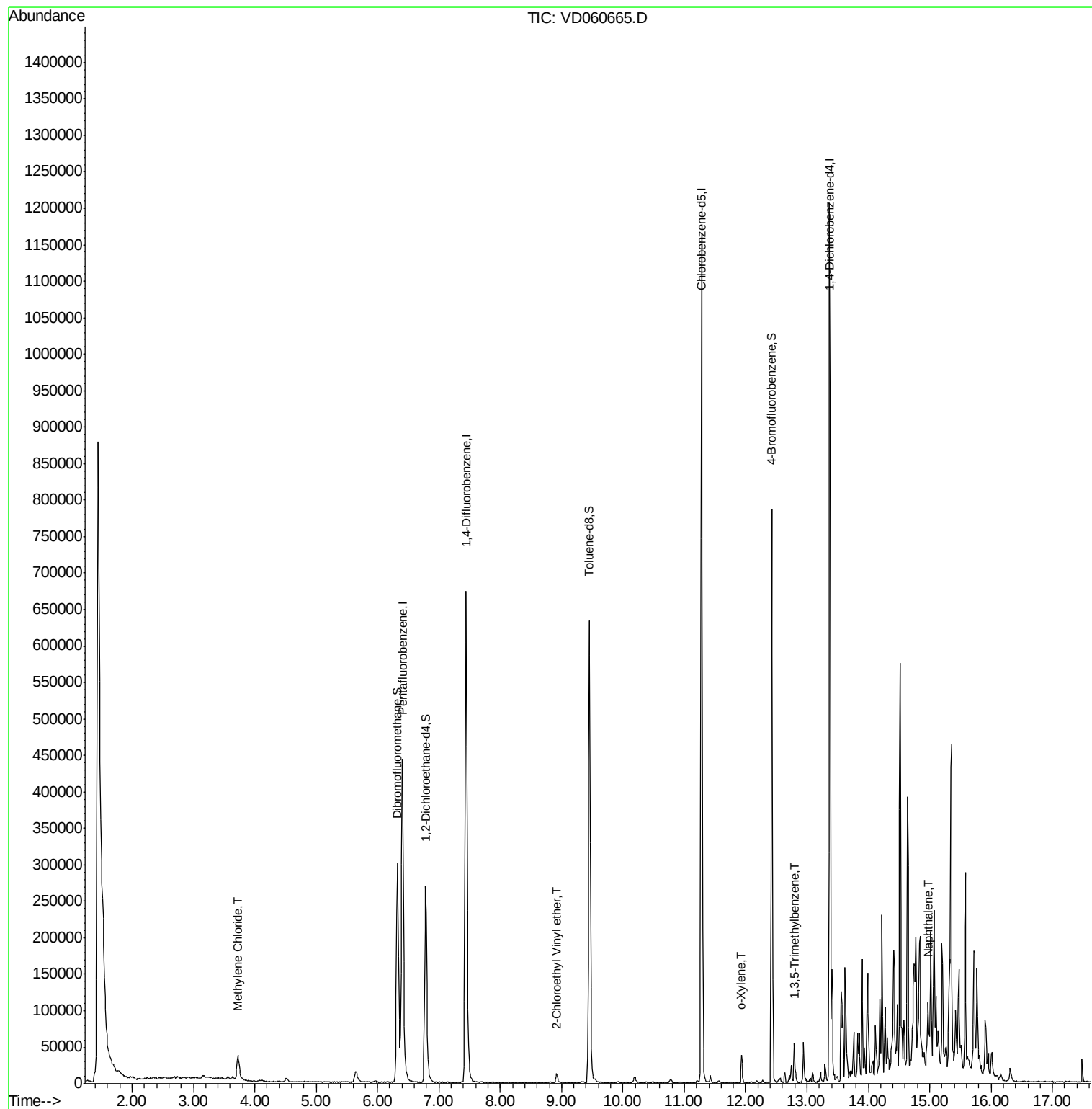
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	452904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.44	114	701464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	612658	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	286378	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	227355	72.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	145.28%	
35) Dibromofluoromethane	6.32	113	242466	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.46%	
50) Toluene-d8	9.45	98	526635	34.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.76%	
62) 4-Bromofluorobenzene	12.42	95	217818	40.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.20%	
Target Compounds						
20) Methylene Chloride	3.72	84	22617	3.984	ug/l	93
58) 2-Chloroethyl Vinyl ether	8.93	63	5515	3.202	ug/l	95
69) o-Xylene	11.93	106	8469	1.054	ug/l	62
80) 1,3,5-Trimethylbenzene	12.80	105	25229	1.602	ug/l	100
95) Naphthalene	14.97	128	44528	5.940	ug/l	97

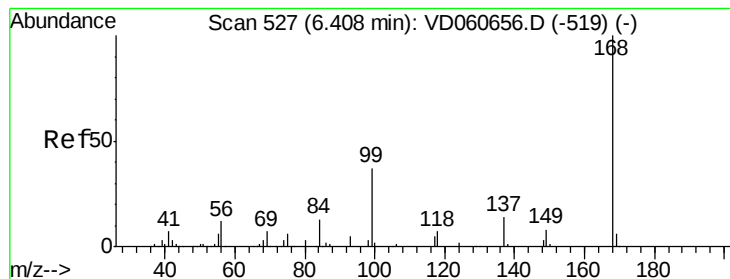
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD122018\
Data File : VD060665.D
Acq On : 20 Dec 2018 18:24
Operator : VA/AP
Sample : J6481-03
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Dec 21 06:01:45 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 21 03:34:39 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 527

Delta R.T. 0.00 min

Lab File: VD060665.D

Acq: 20 Dec 2018 18:24

Instrument :

MSVOA_D

ClientSampleId :

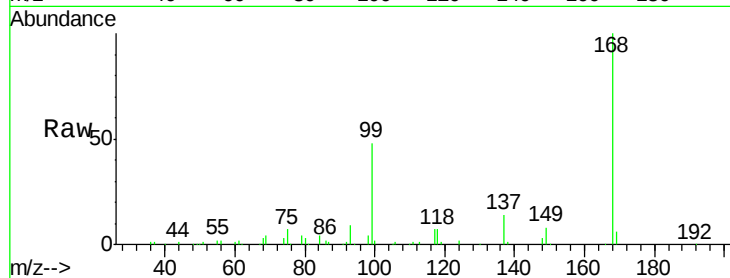
PROP-SW-1

Tgt Ion:168 Resp: 452904

Ion Ratio Lower Upper

168 100

99 48.1 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.41

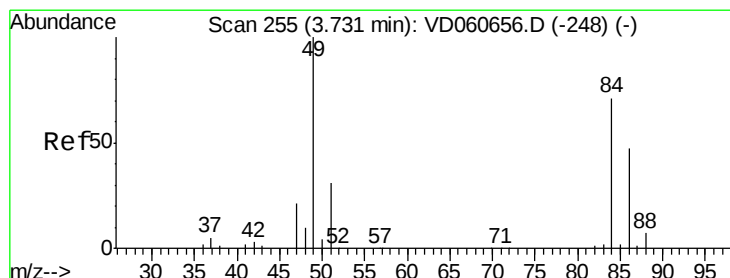
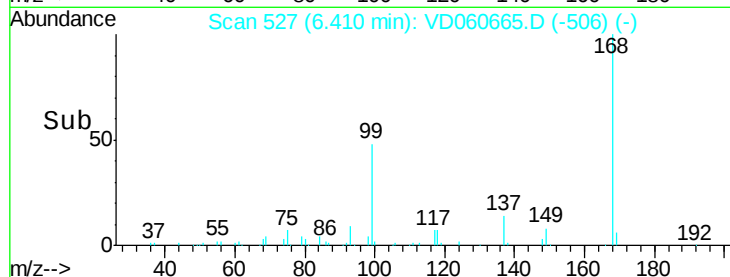
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 3.984 ug/l

RT: 3.72 min Scan# 254

Delta R.T. -0.01 min

Lab File: VD060665.D

Acq: 20 Dec 2018 18:24

Tgt Ion: 84 Resp: 22617

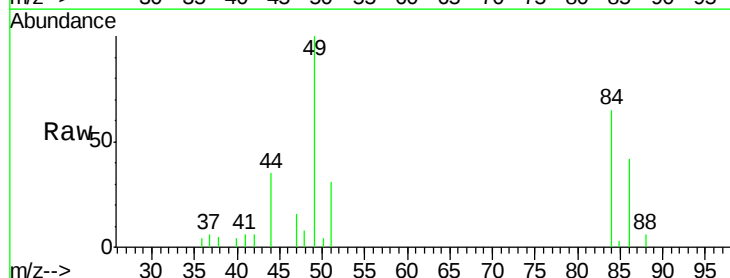
Ion Ratio Lower Upper

84 100

49 153.9 113.6 170.4

51 47.7 34.7 52.1

86 64.5 52.8 79.2



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

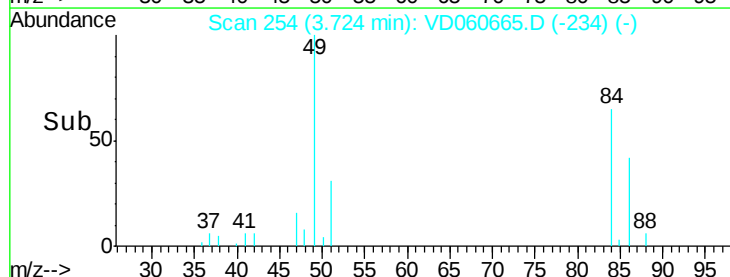
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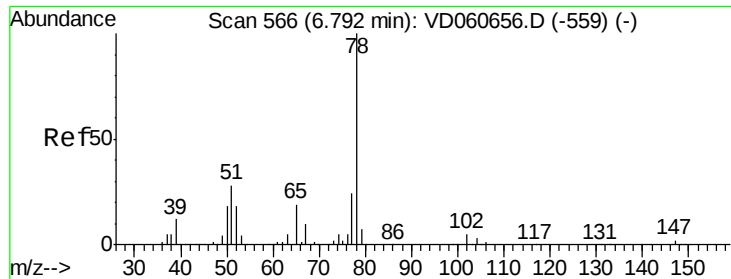
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.78 min Scan# 565

Delta R.T. -0.01 min

Lab File: VD060665.D

Acq: 20 Dec 2018 18:24

Instrument :

MSVOA_D

ClientSampleId :

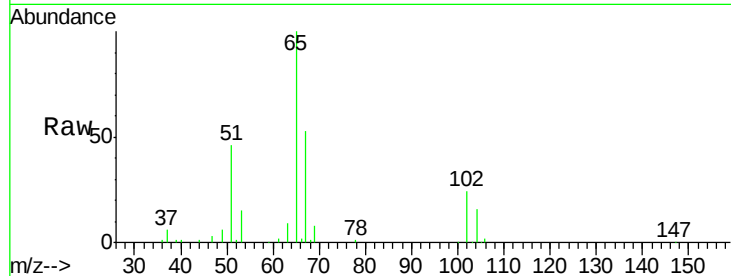
PROP-SW-1

Tgt Ion: 65 Resp: 227355

Ion Ratio Lower Upper

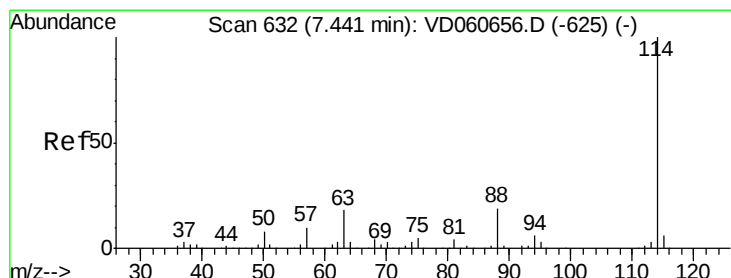
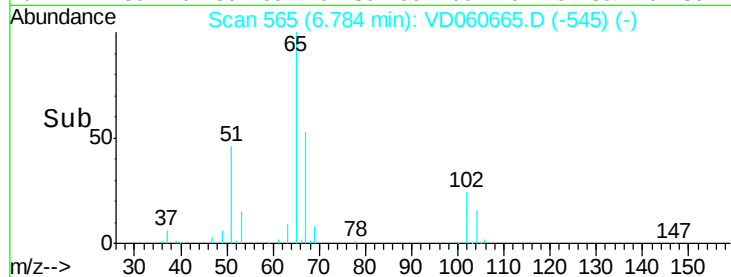
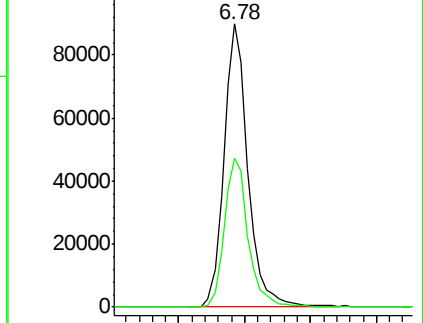
65 100

67 52.7 0.0 105.4



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: 7.44 min Scan# 632

Delta R.T. 0.00 min

Lab File: VD060665.D

Acq: 20 Dec 2018 18:24

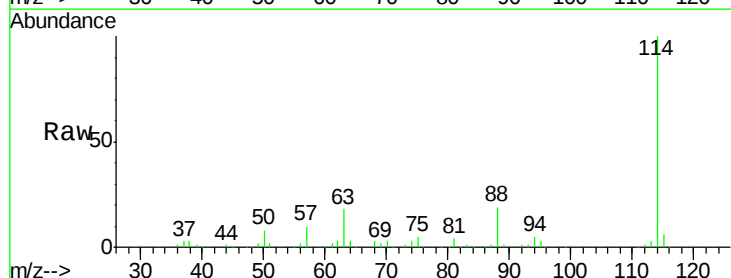
Tgt Ion: 114 Resp: 701464

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.2

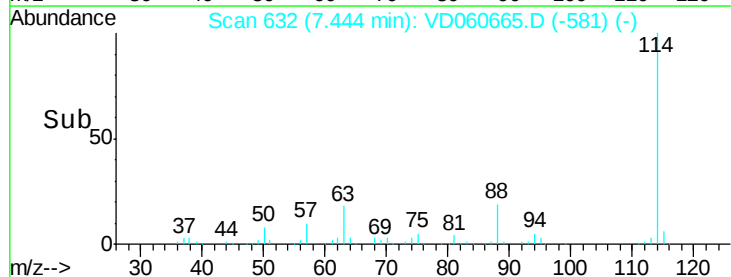
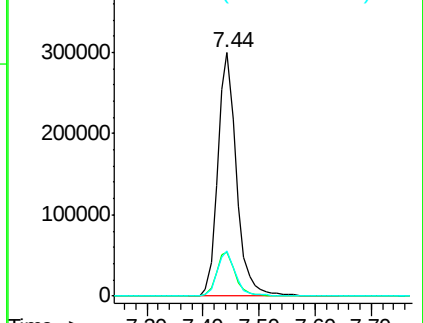
88 18.7 0.0 37.0

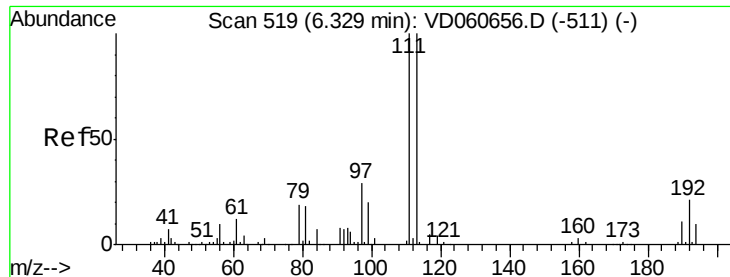


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

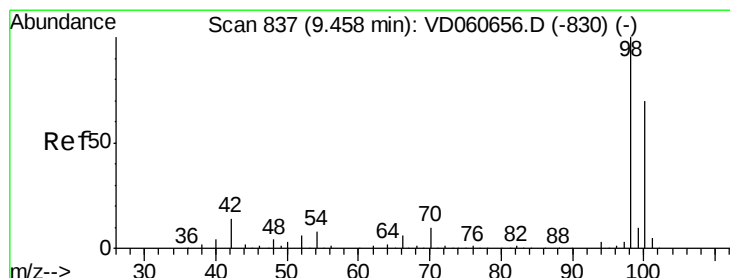
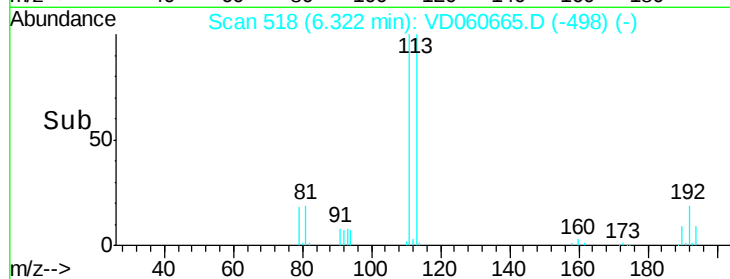
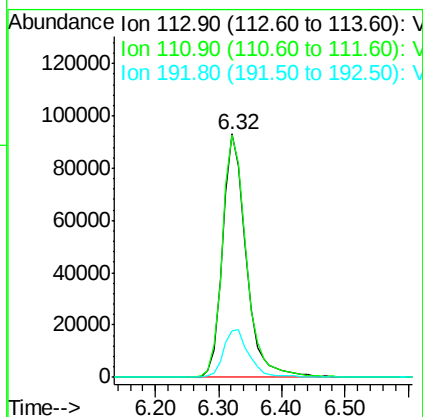
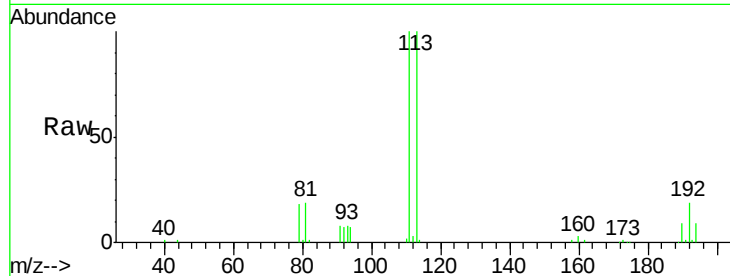




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 518
 Delta R.T. -0.01 min
 Lab File: VD060665.D
 Acq: 20 Dec 2018 18:24

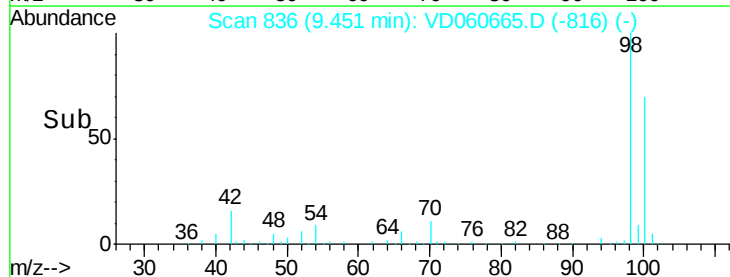
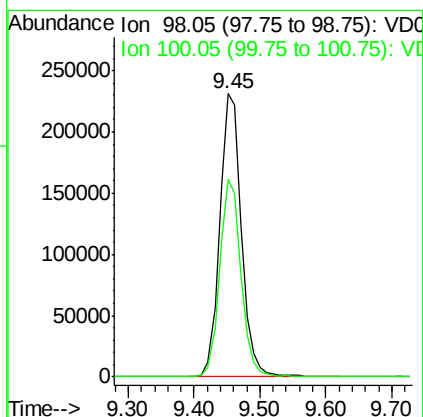
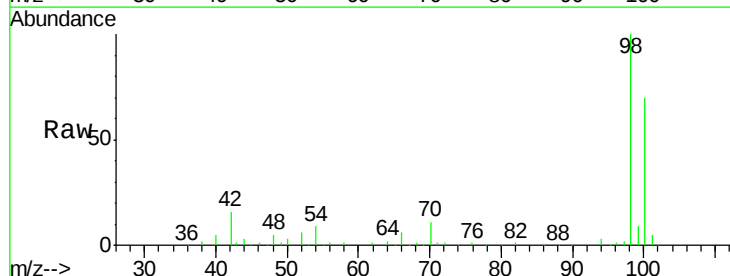
Instrument :
 MSVOA_D
 ClientSampleId :
 PROP-SW-1

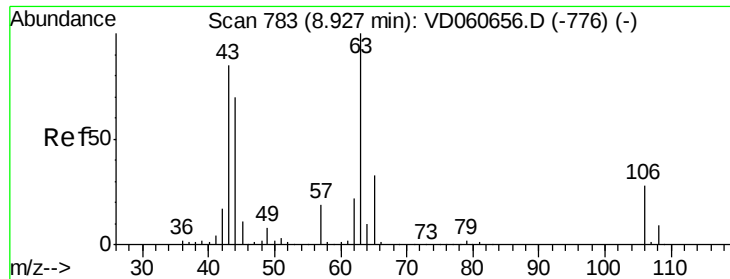
Tgt Ion: 113 Resp: 242466
 Ion Ratio Lower Upper
 113 100
 111 99.8 80.0 120.0
 192 19.0 16.6 25.0



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.45 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: VD060665.D
 Acq: 20 Dec 2018 18:24

Tgt Ion: 98 Resp: 526635
 Ion Ratio Lower Upper
 98 100
 100 69.7 55.8 83.8

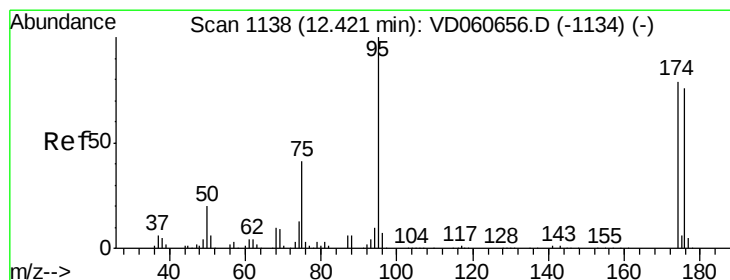
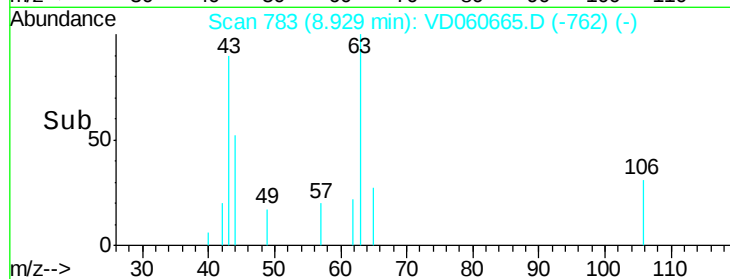
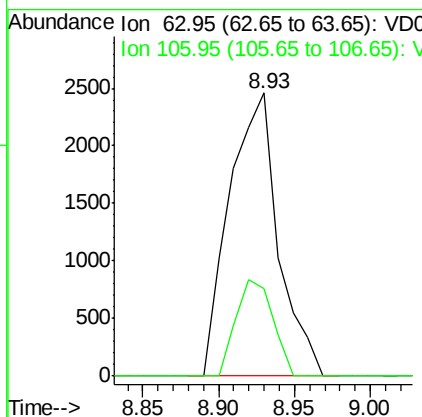
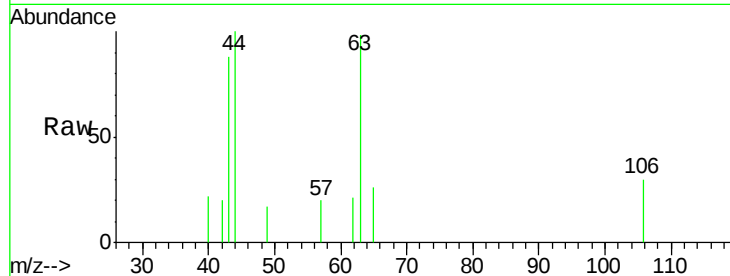




#58
 2-Chloroethyl Vinyl ether
 Concen: 3.202 ug/l
 RT: 8.93 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: VD060665.D
 Acq: 20 Dec 2018 18:24

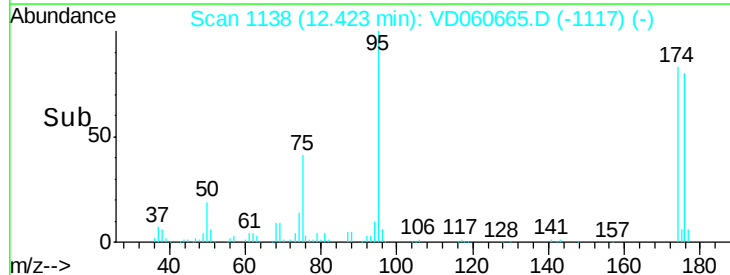
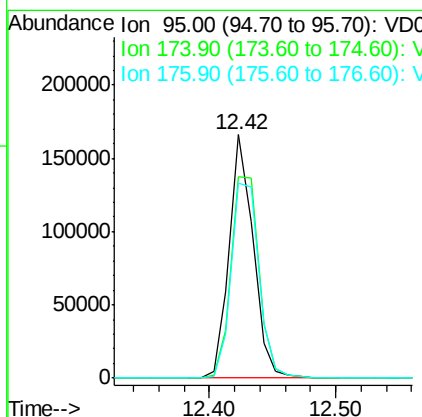
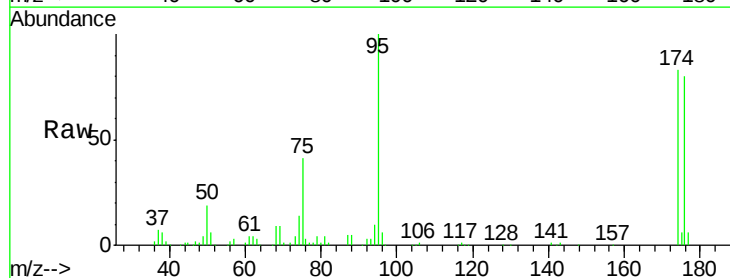
Instrument :
 MSVOA_D
 ClientSampleId :
 PROP-SW-1

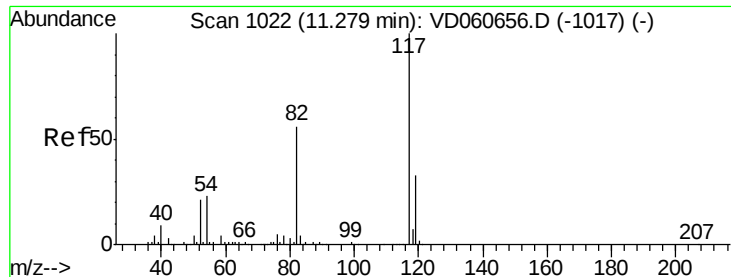
Tgt Ion: 63 Resp: 5515
 Ion Ratio Lower Upper
 63 100
 106 30.8 22.4 33.6



#62
 4-Bromofluorobenzene
 Concen: Below ug/l
 RT: 12.42 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VD060665.D
 Acq: 20 Dec 2018 18:24

Tgt Ion: 95 Resp: 217818
 Ion Ratio Lower Upper
 95 100
 174 82.6 0.0 158.2
 176 79.9 0.0 152.4

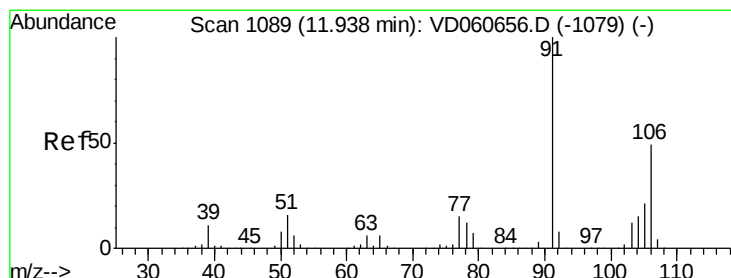
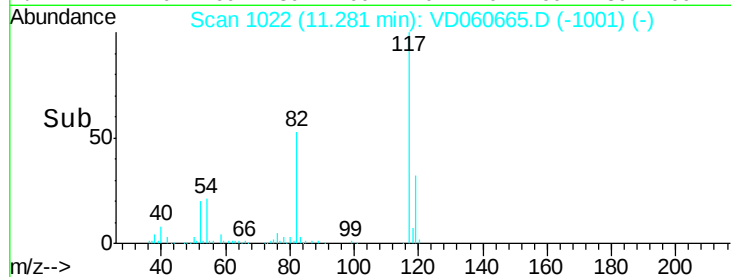
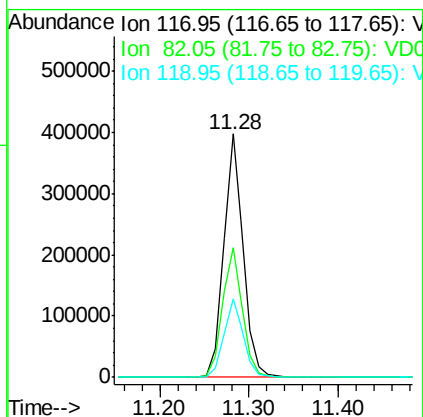
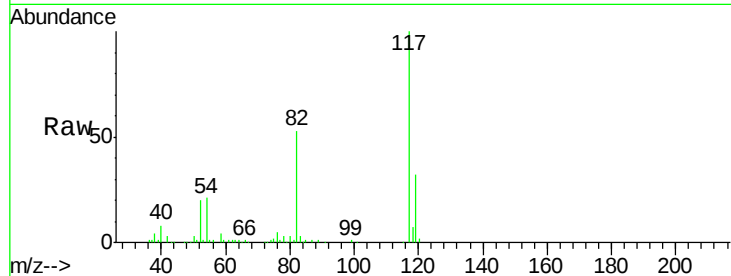




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 1022
Delta R.T. 0.00 min
Lab File: VD060665.D
Acq: 20 Dec 2018 18:24

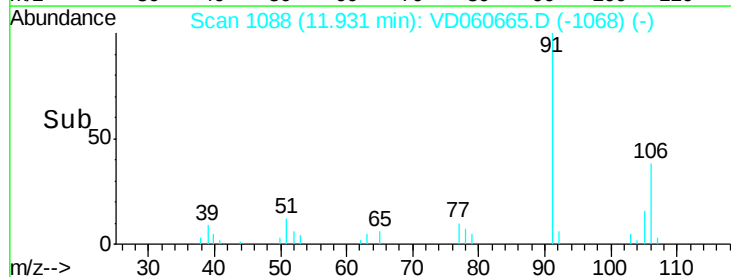
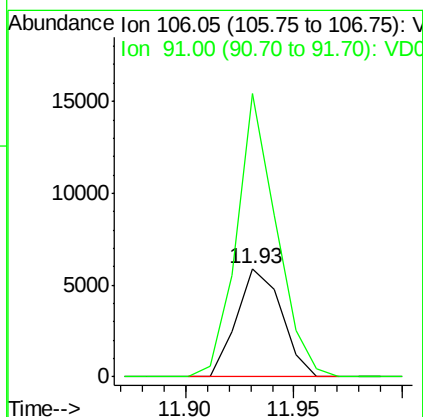
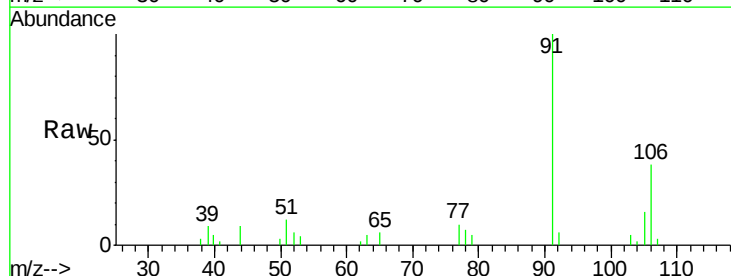
Instrument :
MSVOA_D
ClientSampleId :
PROP-SW-1

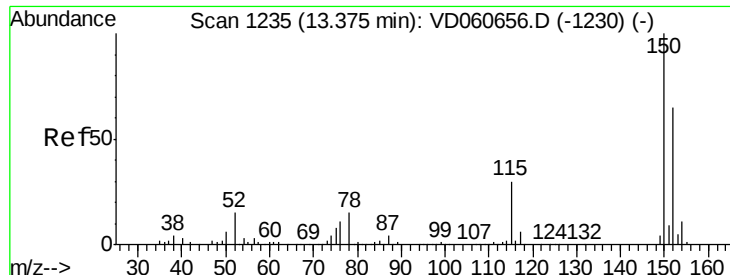
Tgt Ion:117 Resp: 612658
Ion Ratio Lower Upper
117 100
82 53.2 44.5 66.7
119 32.2 26.3 39.5



#69
o-Xylene
Concen: 1.054 ug/l
RT: 11.93 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VD060665.D
Acq: 20 Dec 2018 18:24

Tgt Ion:106 Resp: 8469
Ion Ratio Lower Upper
106 100
91 261.7 101.5 304.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.37 min Scan# 1234

Delta R.T. -0.01 min

Lab File: VD060665.D

Acq: 20 Dec 2018 18:24

Instrument :

MSVOA_D

ClientSampleId :

PROP-SW-1

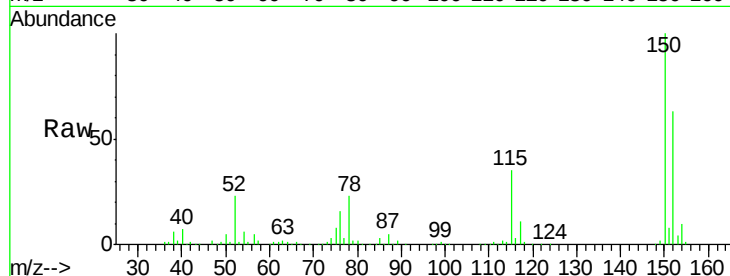
Tgt Ion:152 Resp: 286378

Ion Ratio Lower Upper

152 100

115 55.1 24.1 72.3

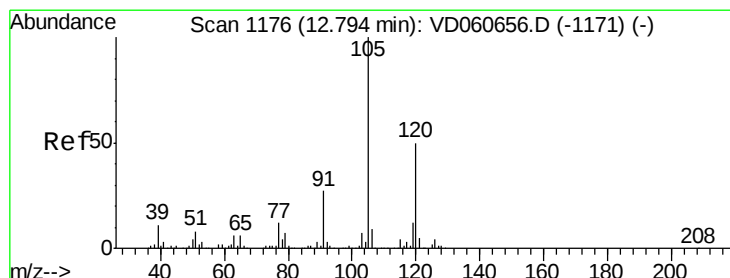
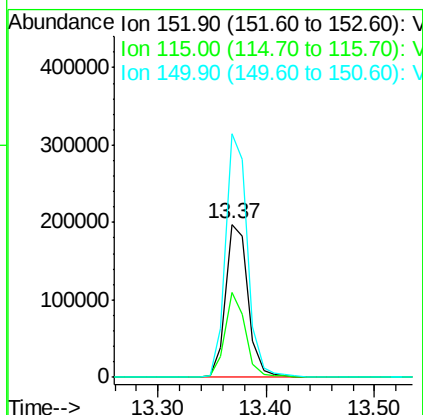
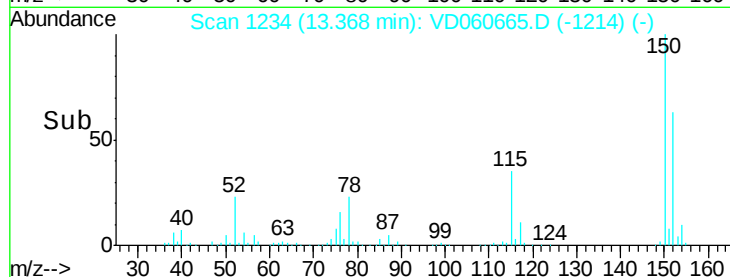
150 159.1 0.0 315.0



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



#80

1,3,5-Trimethylbenzene

Concen: 1.602 ug/l

RT: 12.80 min Scan# 1176

Delta R.T. 0.00 min

Lab File: VD060665.D

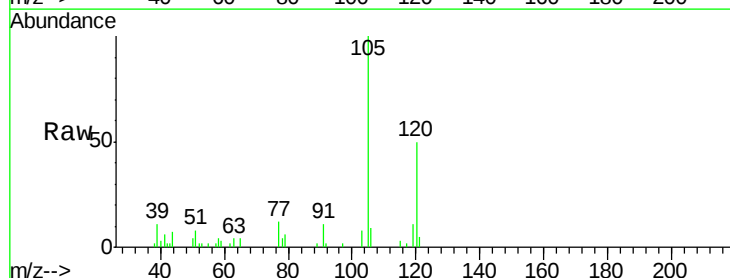
Acq: 20 Dec 2018 18:24

Tgt Ion:105 Resp: 25229

Ion Ratio Lower Upper

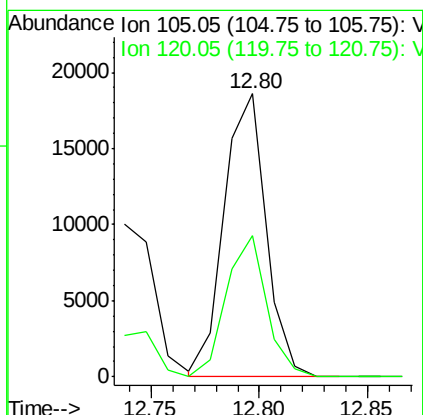
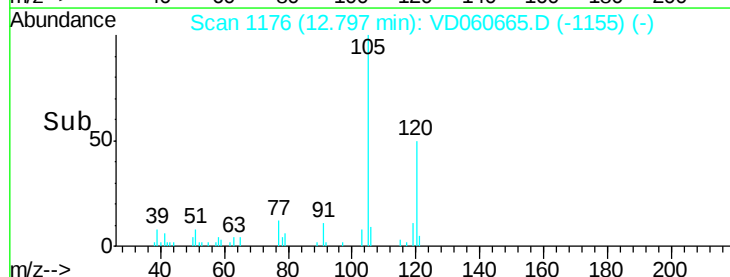
105 100

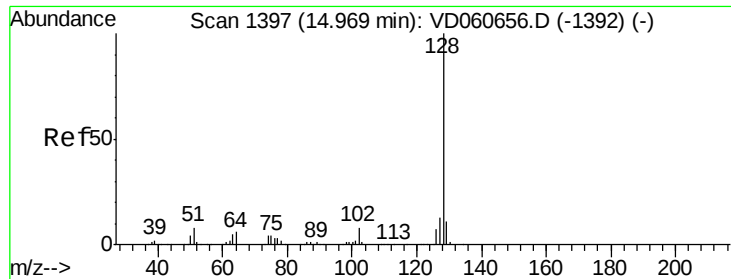
120 49.9 24.8 74.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#95
Naphthalene
Concen: 5.940 ug/l
RT: 14.97 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VD060665.D
Acq: 20 Dec 2018 18:24

Instrument :
MSVOA_D
ClientSampleId :
PROP-SW-1

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.1	15.1
129	12.3	8.6	13.0

