

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031519\
 Data File : VD061094.D
 Acq On : 15 Mar 2019 18:39
 Operator : VA/AP
 Sample : K1908-03RE
 Misc : 5.98g/5ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 101-102RE

Quant Time: Mar 16 06:33:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

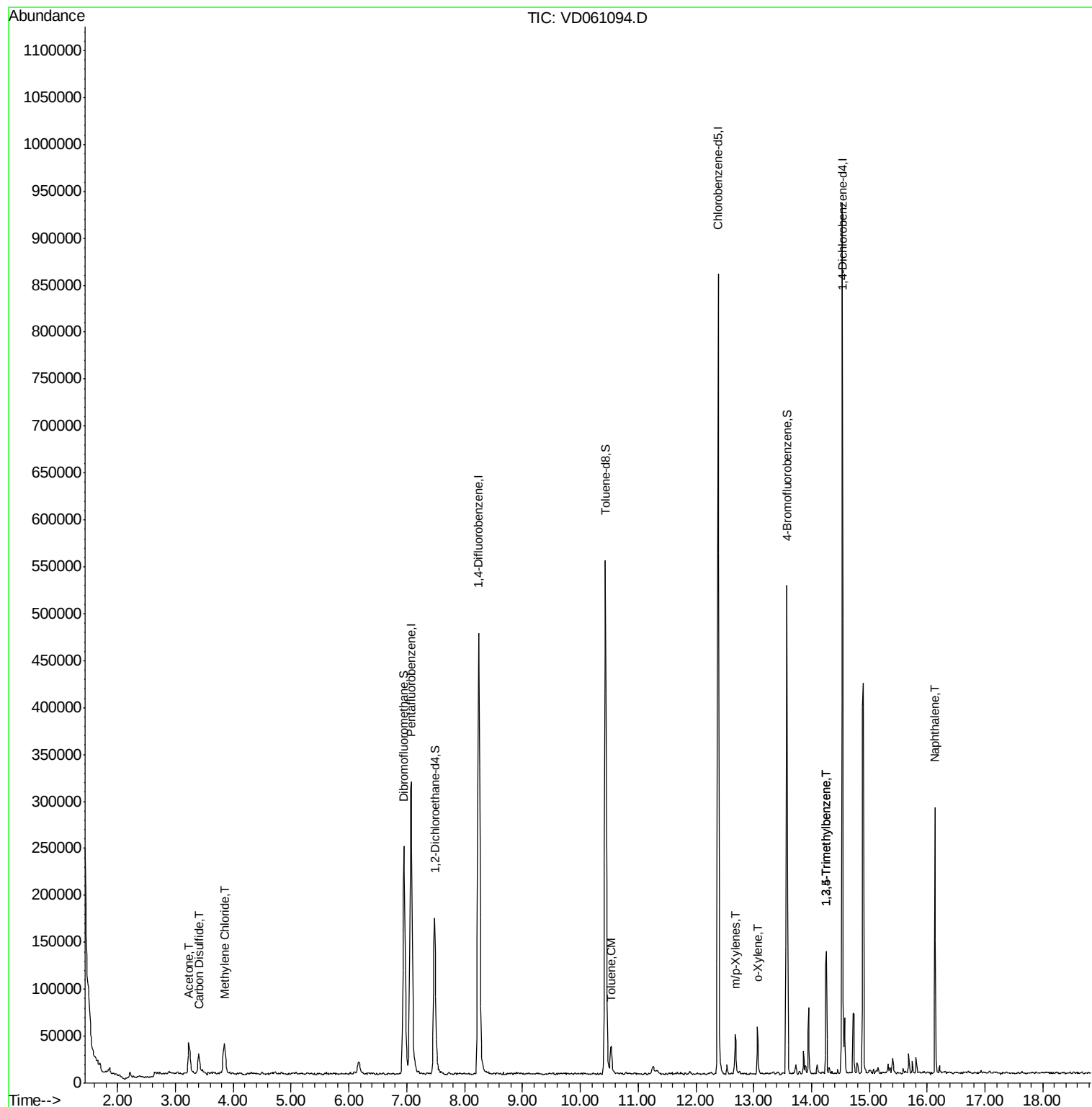
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.08	168	335512	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.25	114	598044	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	511524	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	204289	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	154799	55.43	ug/l	0.04
Spiked Amount 50.000			Recovery	=	110.86%	
35) Dibromofluoromethane	6.95	113	227006	51.15	ug/l	0.03
Spiked Amount 50.000			Recovery	=	102.30%	
50) Toluene-d8	10.43	98	473896	42.52	ug/l	0.04
Spiked Amount 50.000			Recovery	=	85.04%	
62) 4-Bromofluorobenzene	13.57	95	186053	43.02	ug/l	0.02
Spiked Amount 50.000			Recovery	=	86.04%	
Target Compounds						
					Qvalue	
16) Acetone	3.23	43	63436	79.433	ug/l	91
17) Carbon Disulfide	3.41	76	40707	3.583	ug/l	97
20) Methylene Chloride	3.84	84	26413	2.856	ug/l	96
52) Toluene	10.53	92	16973	2.119	ug/l	100
68) m/p-Xylenes	12.68	106	15813	2.699	ug/l	99
69) o-Xylene	13.06	106	13853	2.405	ug/l	96
80) 1,3,5-Trimethylbenzene	14.25	105	68139	6.096	ug/l	100
84) 1,2,4-Trimethylbenzene	14.25	105	68139	6.096	ug/l	100
95) Naphthalene	16.13	128	167716	42.525	ug/l	99

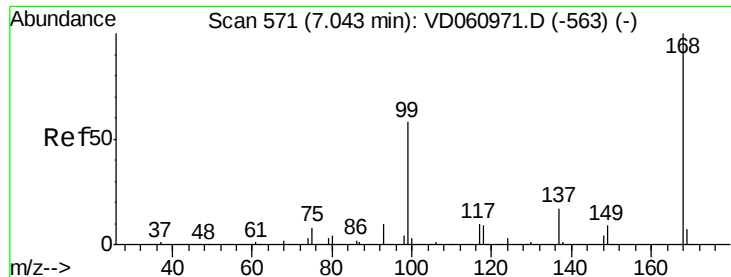
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD031519\
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101-102RE

Quant Time: Mar 16 06:33:39 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.08 min Scan# 574

Delta R.T. 0.04 min

Lab File: VD061094.D

Acq: 15 Mar 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

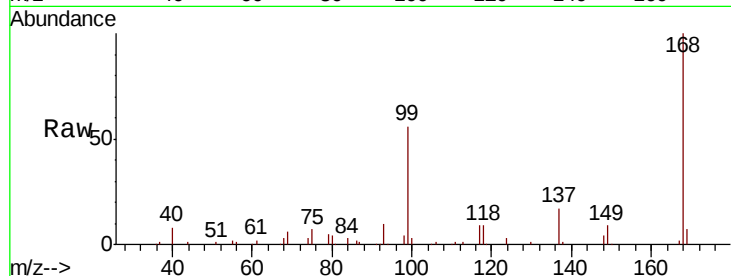
101-102RE

Tgt Ion:168 Resp: 335512

Ion Ratio Lower Upper

168 100

99 56.3 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.08

120000

100000

80000

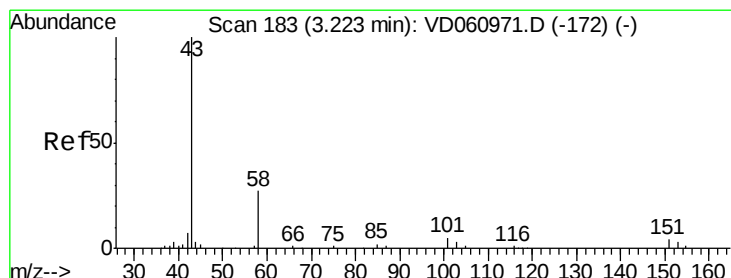
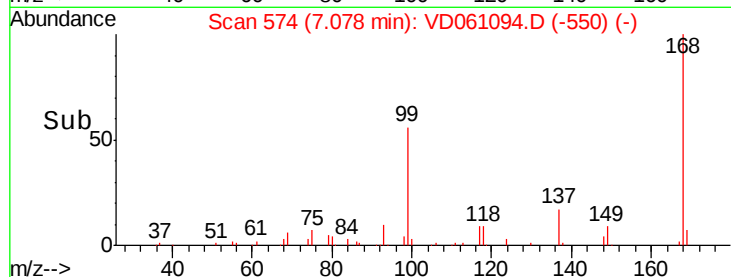
60000

40000

20000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 79.433 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD061094.D

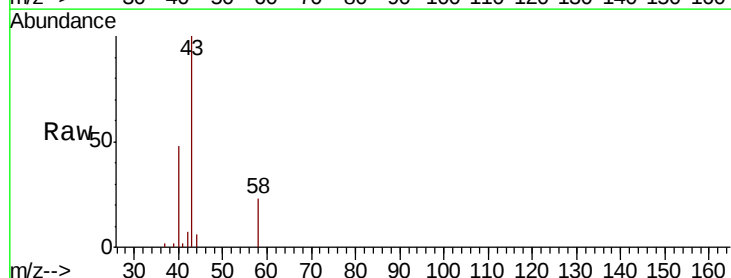
Acq: 15 Mar 2019 18:39

Tgt Ion: 43 Resp: 63436

Ion Ratio Lower Upper

43 100

58 22.6 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

25000

20000

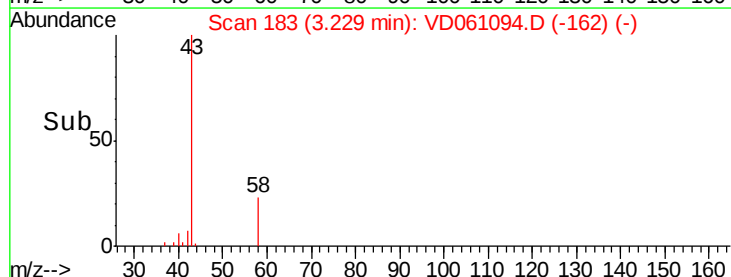
15000

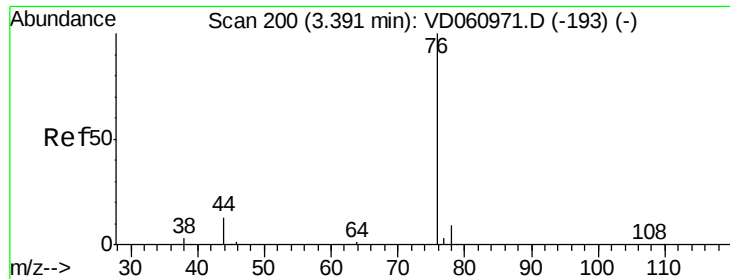
10000

5000

0

Time--> 3.10 3.20 3.30 3.40

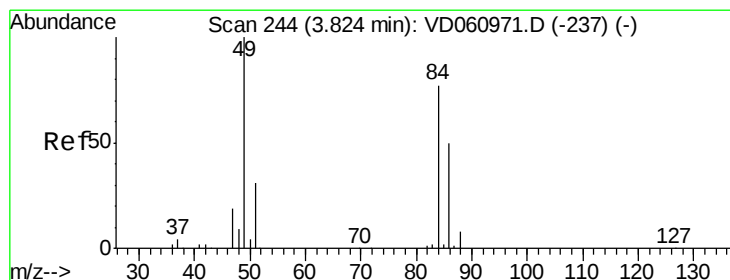
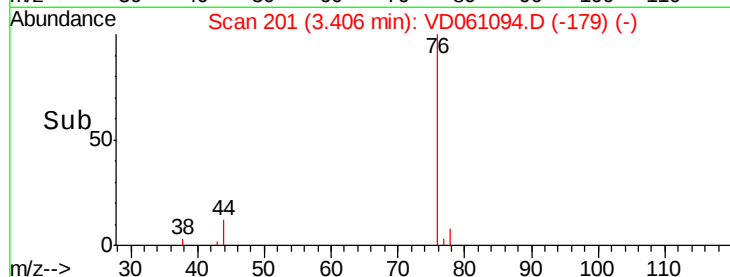
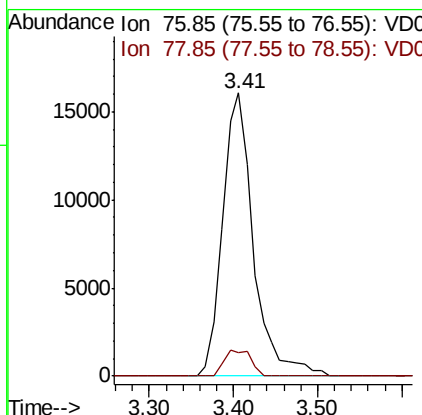
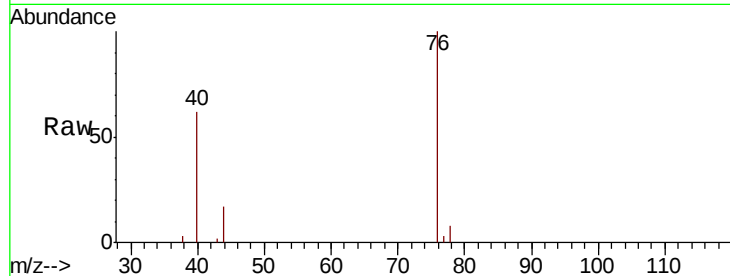




#17
Carbon Disulfide
Concen: 3.583 ug/l
RT: 3.41 min Scan# 201
Delta R.T. 0.02 min
Lab File: VD061094.D
Acq: 15 Mar 2019 18:39

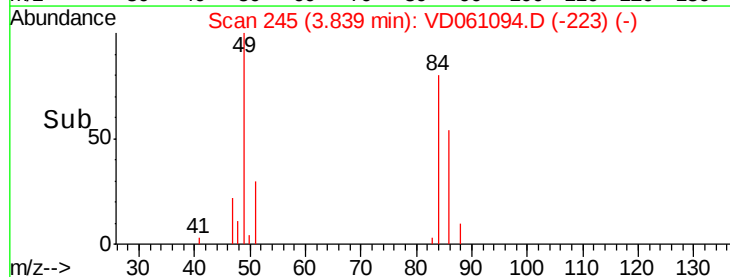
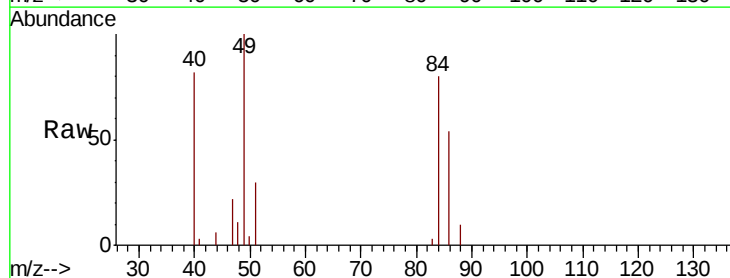
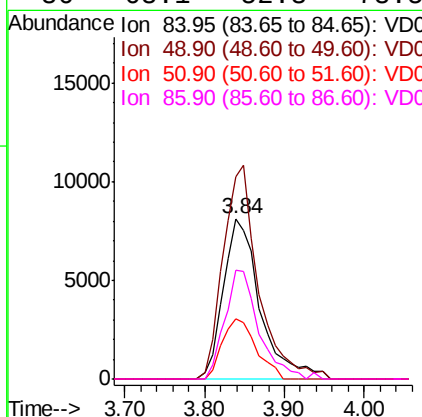
Instrument :
MSVOA_D
ClientSampleId :
101-102RE

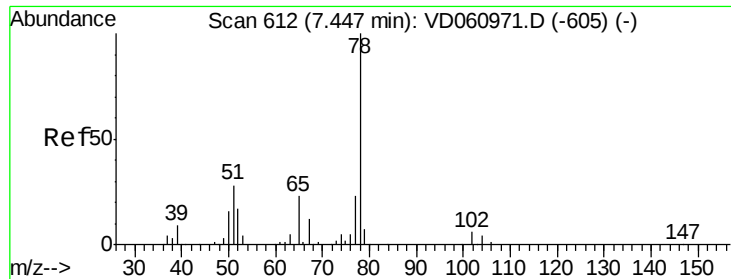
Tgt Ion: 76 Resp: 40707
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2



#20
Methylene Chloride
Concen: 2.856 ug/l
RT: 3.84 min Scan# 245
Delta R.T. 0.02 min
Lab File: VD061094.D
Acq: 15 Mar 2019 18:39

Tgt Ion: 84 Resp: 26413
Ion Ratio Lower Upper
84 100
49 125.7 104.2 156.2
51 37.3 32.3 48.5
86 68.1 52.3 78.5





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.48 min Scan# 615

Delta R.T. 0.04 min

Lab File: VD061094.D

Acq: 15 Mar 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

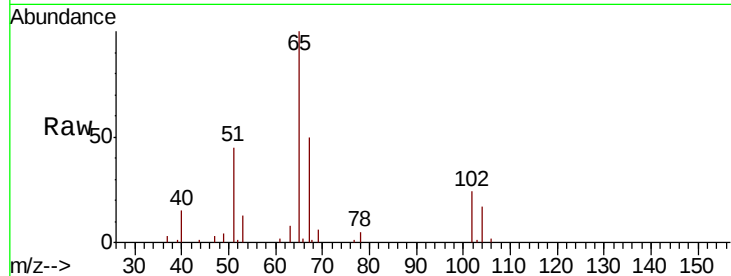
101-102RE

Tgt Ion: 65 Resp: 154799

Ion Ratio Lower Upper

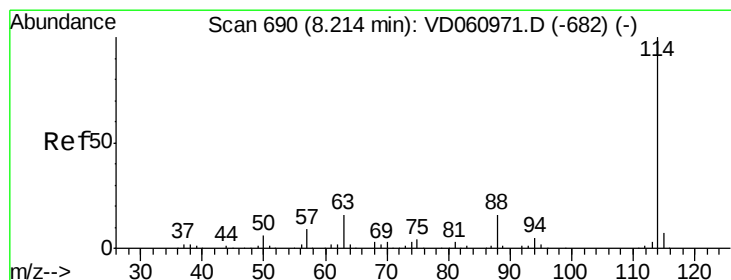
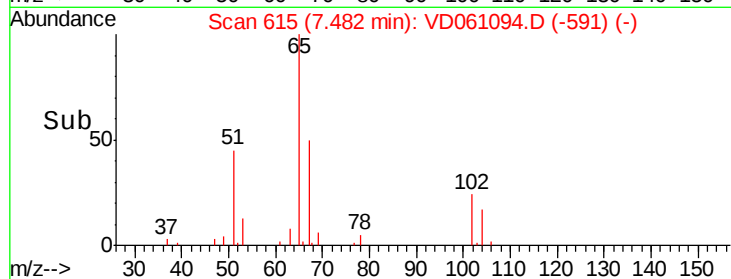
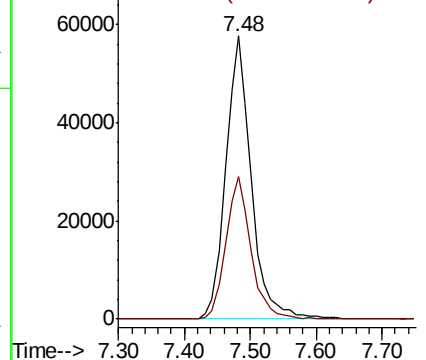
65 100

67 50.5 0.0 105.2



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: 8.25 min Scan# 693

Delta R.T. 0.04 min

Lab File: VD061094.D

Acq: 15 Mar 2019 18:39

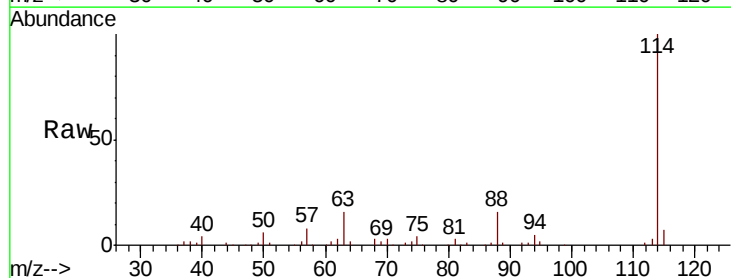
Tgt Ion: 114 Resp: 598044

Ion Ratio Lower Upper

114 100

63 16.0 0.0 31.4

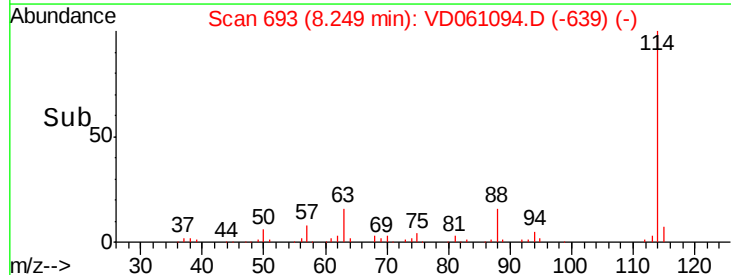
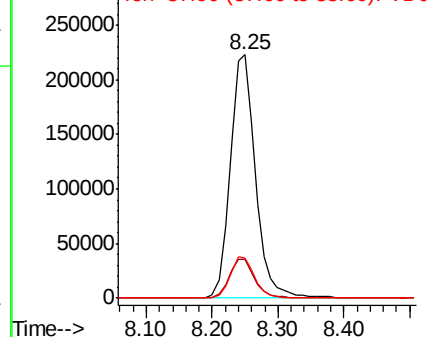
88 16.4 0.0 33.0

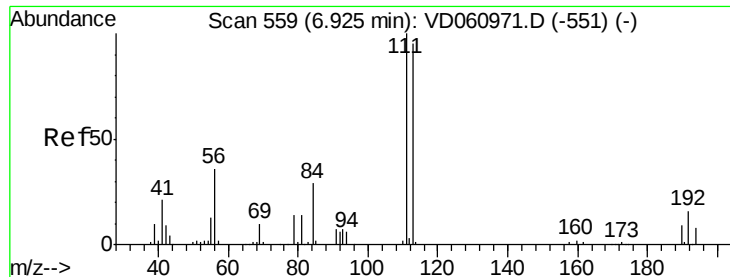


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

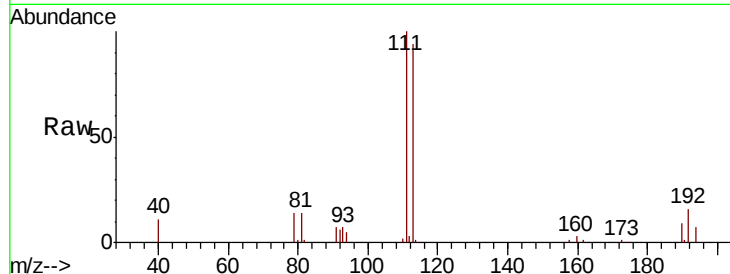




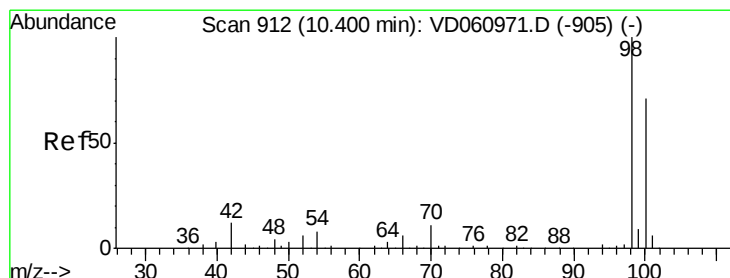
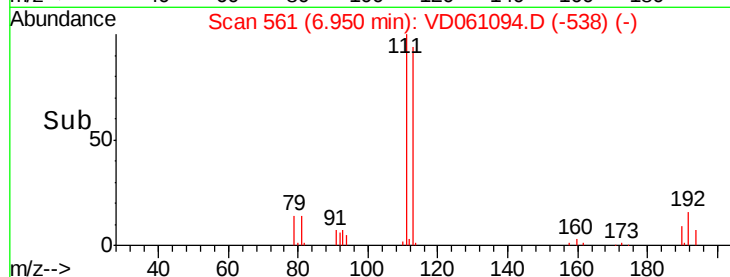
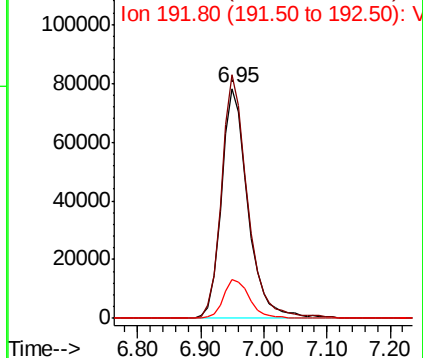
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.95 min Scan# 561
Delta R.T. 0.03 min
Lab File: VD061094.D
Acq: 15 Mar 2019 18:39

Instrument :
MSVOA_D
ClientSampled :
101-102RE

Tgt Ion:113 Resp: 227006
Ion Ratio Lower Upper
113 100
111 106.0 84.2 126.4
192 16.8 13.1 19.7

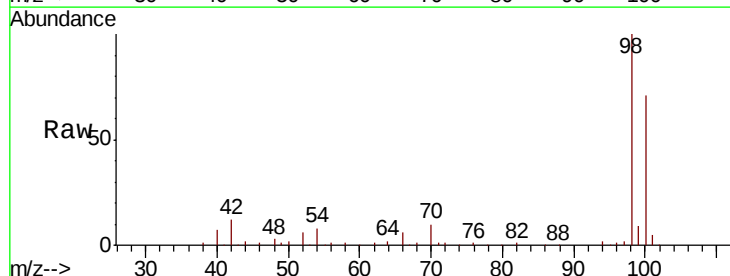


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

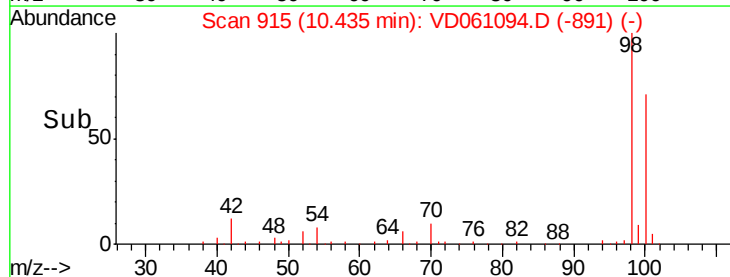
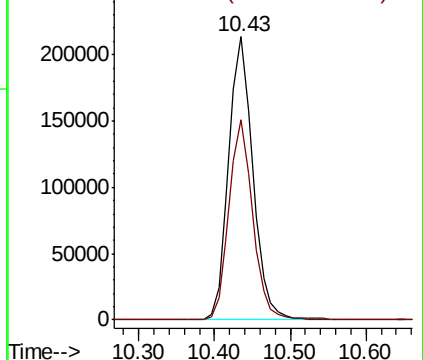


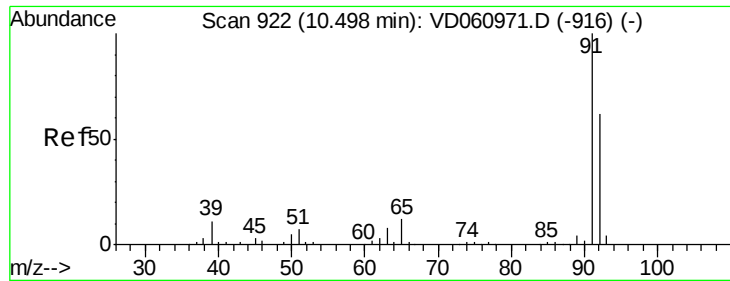
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.04 min
Lab File: VD061094.D
Acq: 15 Mar 2019 18:39

Tgt Ion: 98 Resp: 473896
Ion Ratio Lower Upper
98 100
100 70.7 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): V
Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 2.119 ug/l

RT: 10.53 min Scan# 925

Delta R.T. 0.04 min

Lab File: VD061094.D

Acq: 15 Mar 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

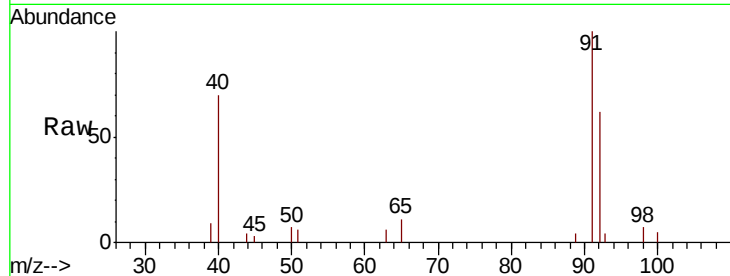
101-102RE

Tgt Ion: 92 Resp: 16973

Ion Ratio Lower Upper

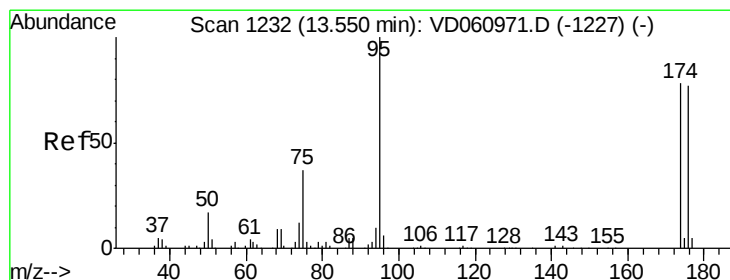
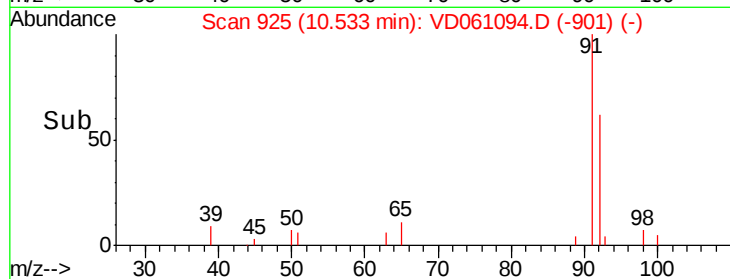
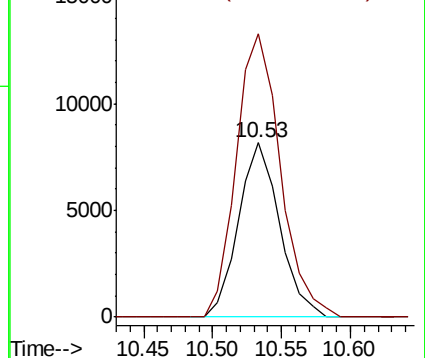
92 100

91 162.2 129.8 194.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.57 min Scan# 1233

Delta R.T. 0.02 min

Lab File: VD061094.D

Acq: 15 Mar 2019 18:39

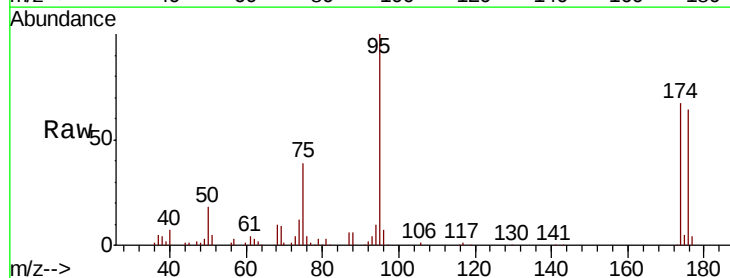
Tgt Ion: 95 Resp: 186053

Ion Ratio Lower Upper

95 100

174 67.1 0.0 155.6

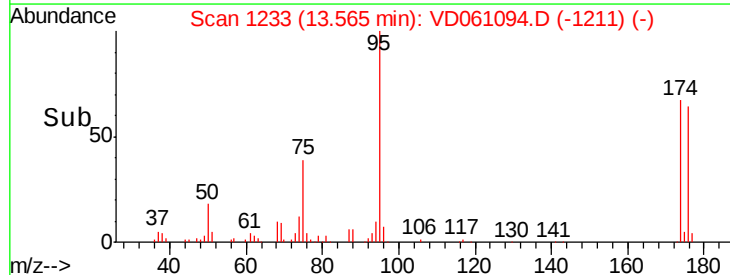
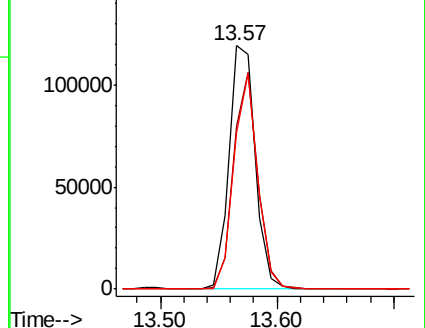
176 64.2 0.0 153.8

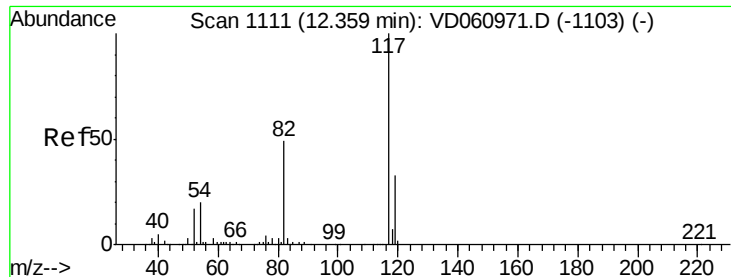


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

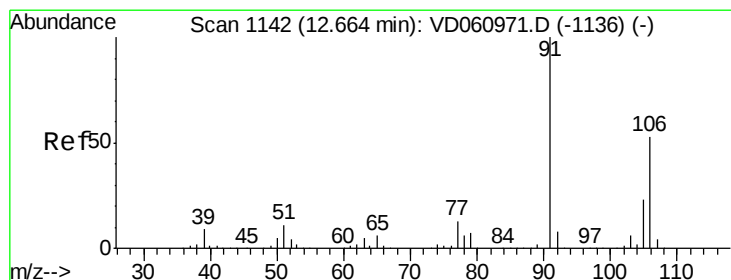
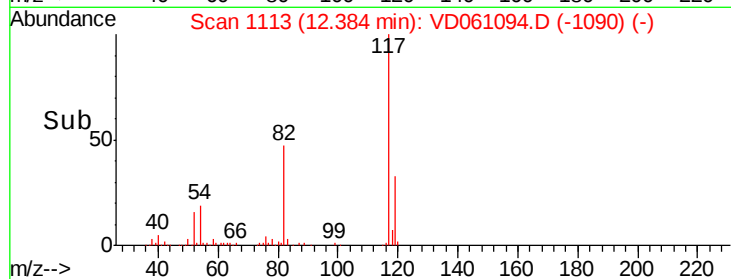
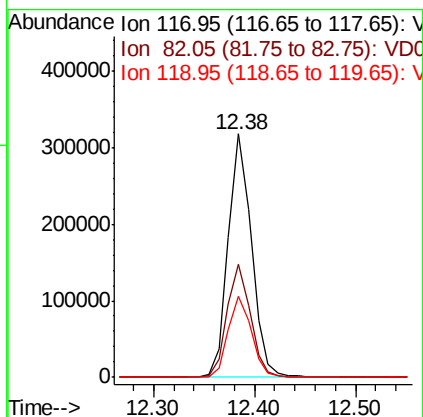
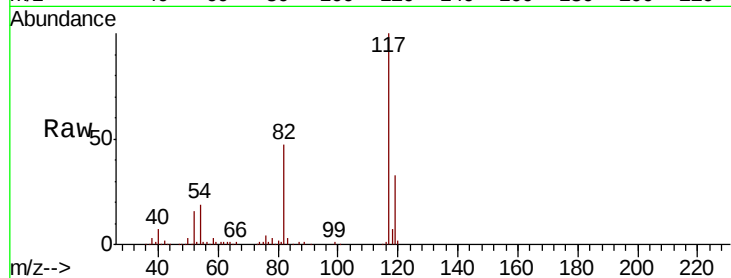




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.03 min
Lab File: VD061094.D
Acq: 15 Mar 2019 18:39

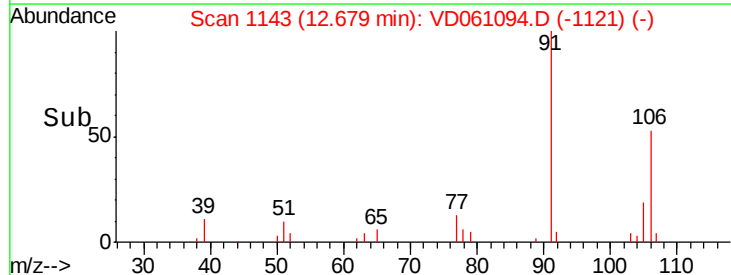
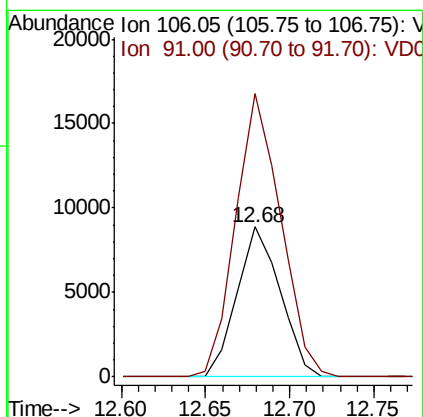
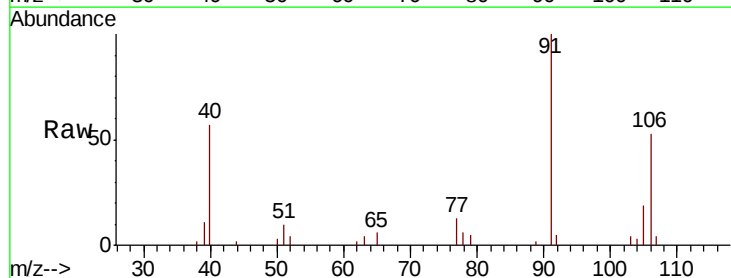
Instrument :
MSVOA_D
ClientSampleId :
101-102RE

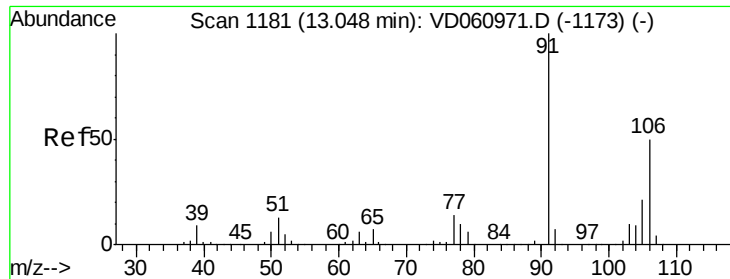
Tgt Ion:117 Resp: 511524
Ion Ratio Lower Upper
117 100
82 46.5 38.9 58.3
119 33.2 26.6 39.8



#68
m/p-Xylenes
Concen: 2.699 ug/l
RT: 12.68 min Scan# 1143
Delta R.T. 0.02 min
Lab File: VD061094.D
Acq: 15 Mar 2019 18:39

Tgt Ion:106 Resp: 15813
Ion Ratio Lower Upper
106 100
91 188.9 152.0 228.0

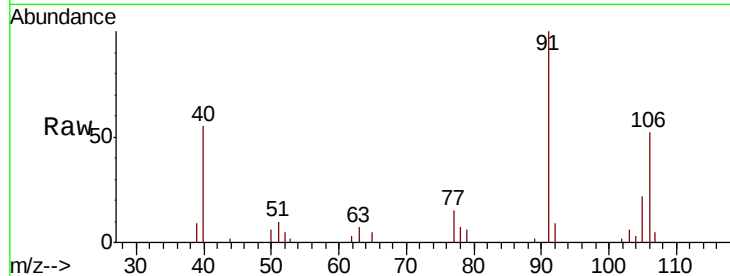




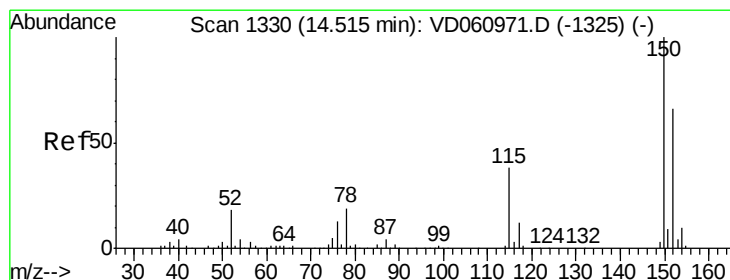
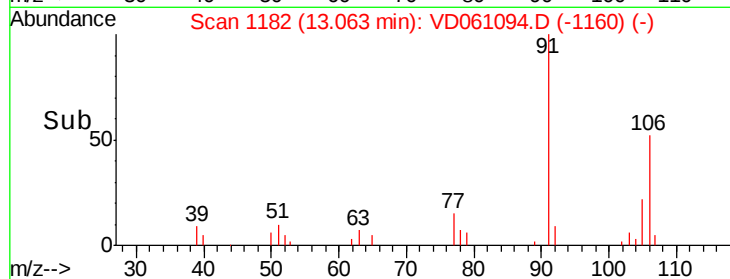
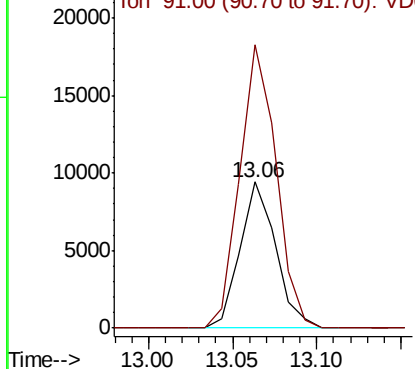
#69
o-Xylene
Concen: 2.405 ug/l
RT: 13.06 min Scan# 1182
Delta R.T. 0.02 min
Lab File: VD061094.D
Acq: 15 Mar 2019 18:39

Instrument :
MSVOA_D
ClientSampleId :
101-102RE

Tgt Ion:106 Resp: 13853
Ion Ratio Lower Upper
106 100
91 194.0 99.8 299.3

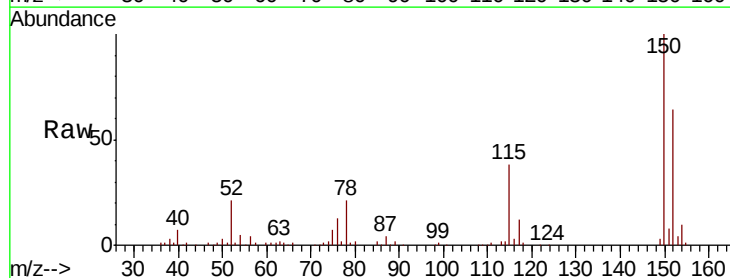


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

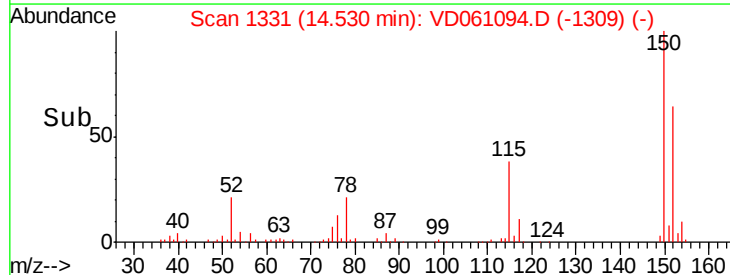
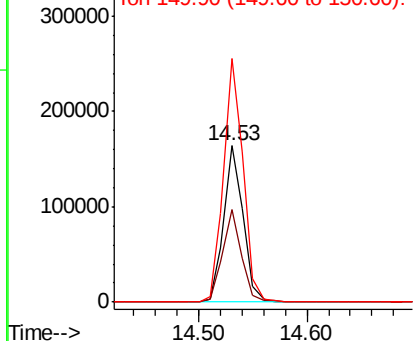


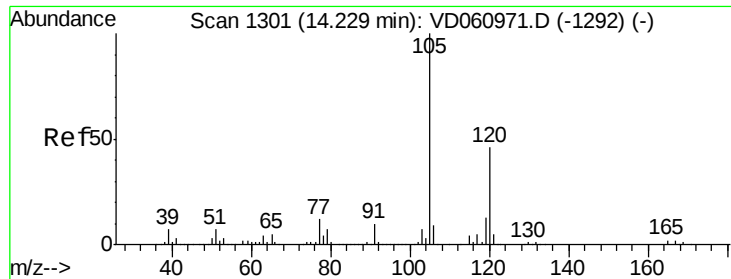
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.02 min
Lab File: VD061094.D
Acq: 15 Mar 2019 18:39

Tgt Ion:152 Resp: 204289
Ion Ratio Lower Upper
152 100
115 58.8 28.6 85.9
150 155.6 0.0 310.6



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

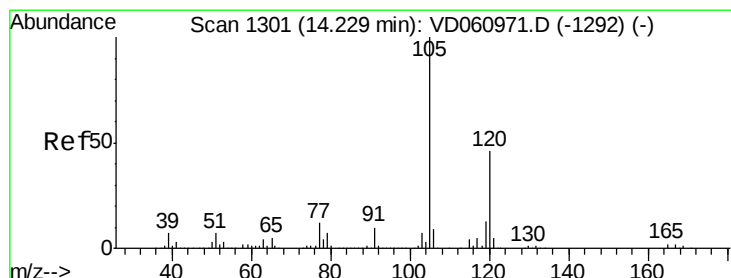
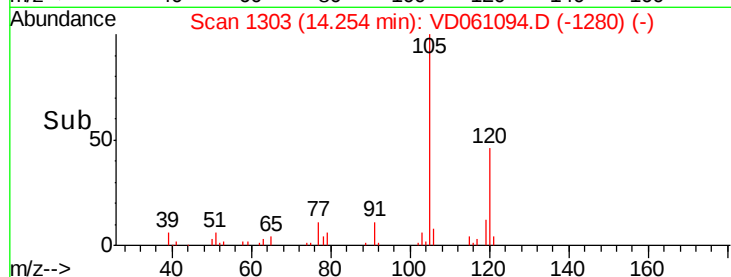
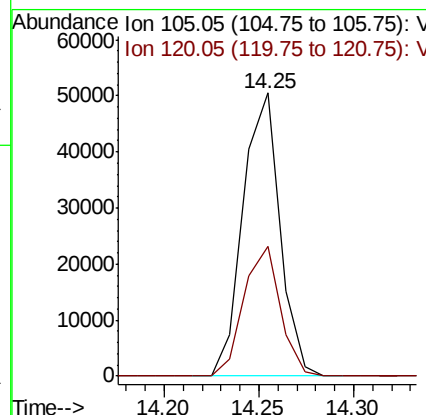
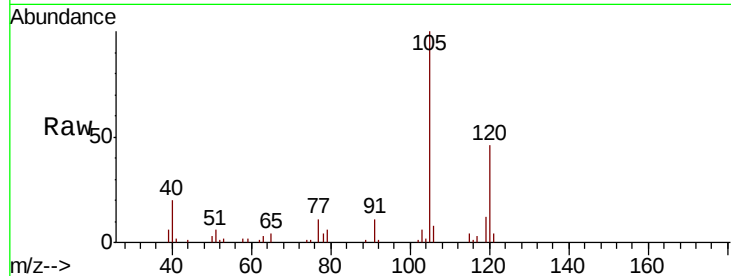




#80
 1,3,5-Trimethylbenzene
 Concen: 6.096 ug/l
 RT: 14.25 min Scan# 1303
 Delta R.T. 0.03 min
 Lab File: VD061094.D
 Acq: 15 Mar 2019 18:39

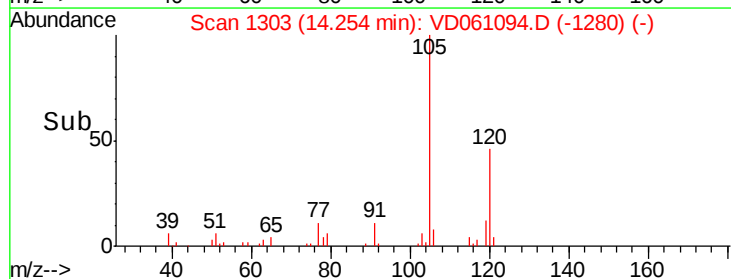
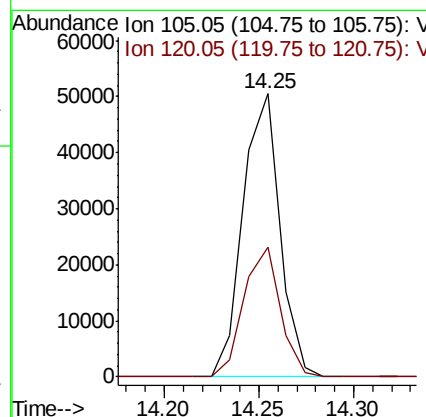
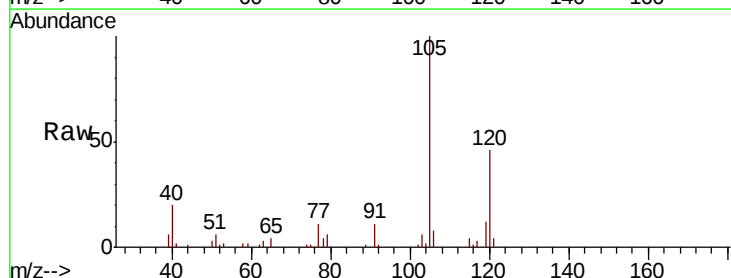
Instrument :
 MSVOA_D
 ClientSampleId :
 101-102RE

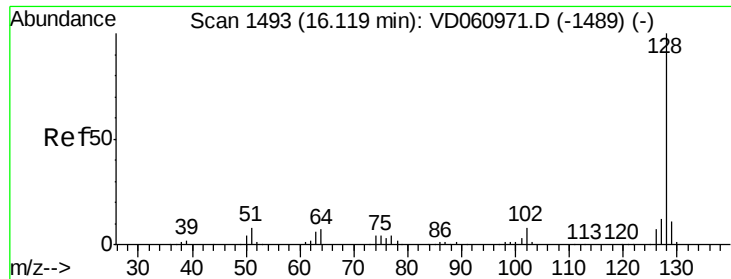
Tgt Ion:105 Resp: 68139
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.9 68.5



#84
 1,2,4-Trimethylbenzene
 Concen: 6.096 ug/l
 RT: 14.25 min Scan# 1303
 Delta R.T. 0.03 min
 Lab File: VD061094.D
 Acq: 15 Mar 2019 18:39

Tgt Ion:105 Resp: 68139
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.9 68.5

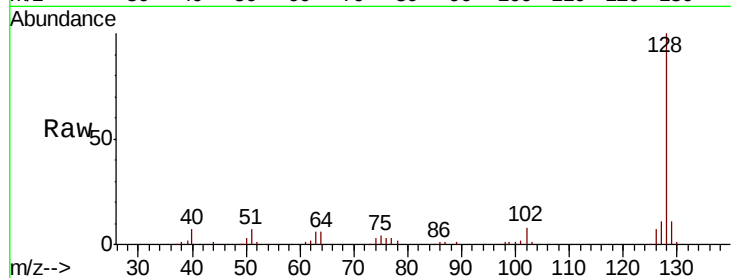




#95
 Naphthalene
 Concen: 42.525 ug/l
 RT: 16.13 min Scan# 1494
 Delta R.T. 0.02 min
 Lab File: VD061094.D
 Acq: 15 Mar 2019 18:39

Instrument :
 MSVOA_D
 ClientSampleId :
 101-102RE

Tgt Ion:128 Resp: 167716
 Ion Ratio Lower Upper
 128 100
 127 11.3 9.8 14.8
 129 10.6 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V
 200000 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

