

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091718\
 Data File : VD060022.D
 Acq On : 17 Sep 2018 15:37
 Operator : JC/SY
 Sample : J4773-01RE
 Misc : 6.58g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-091418-ARE

Quant Time: Sep 18 04:54:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 13 16:17:40 2018
 Response via : Initial Calibration

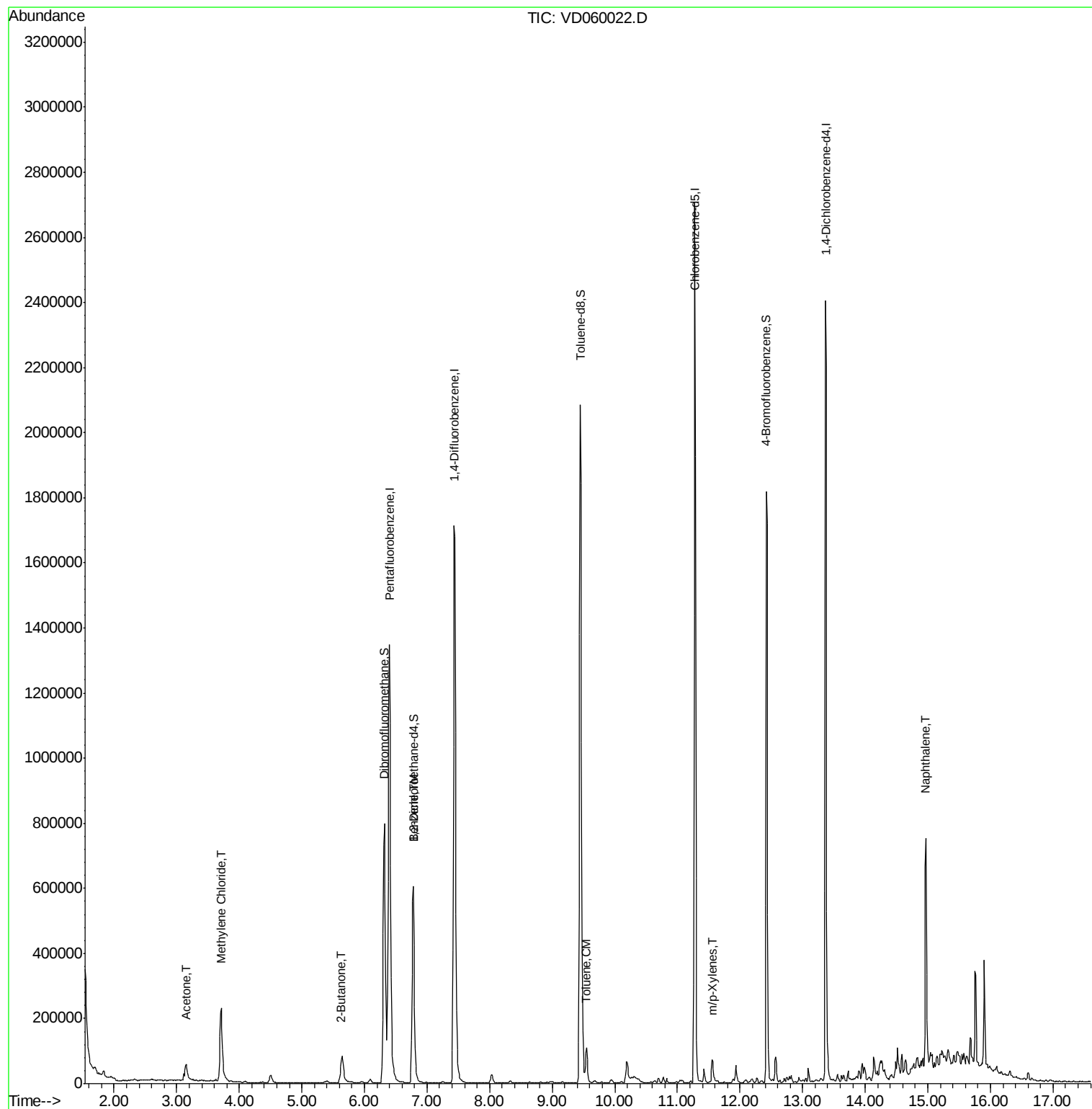
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1300391	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	1835556	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	1409740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	605482	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	462727	45.63	ug/l	0.02
Spiked Amount 50.000			Recovery	=	91.26%	
35) Dibromofluoromethane	6.32	113	617772	43.08	ug/l	0.02
Spiked Amount 50.000			Recovery	=	86.16%	
50) Toluene-d8	9.45	98	1669234	42.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.00%	
62) 4-Bromofluorobenzene	12.42	95	568711	37.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.92%	
Target Compounds						
16) Acetone	3.15	43	100478	51.32	ug/l	99
20) Methylene Chloride	3.71	84	141971	3.49	ug/l	98
25) 2-Butanone	5.61	43	31962	6.05	ug/l	99
40) Benzene	6.78	78	52238	1.12	ug/l	95
52) Toluene	9.55	92	53193	1.79	ug/l	99
68) m/p-Xylenes	11.55	106	22677	1.26	ug/l	89
95) Naphthalene	14.97	128	452946	20.69	ug/l	99

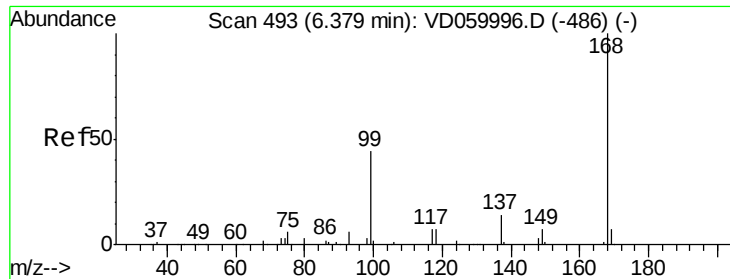
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091718\
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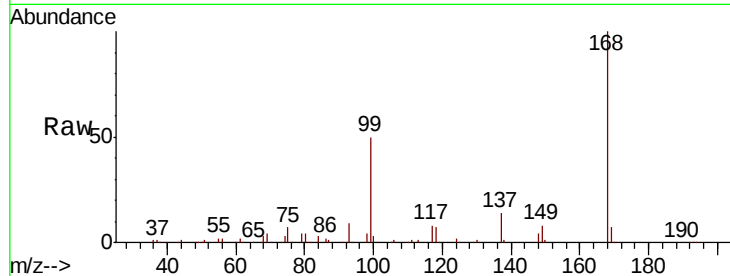


#1

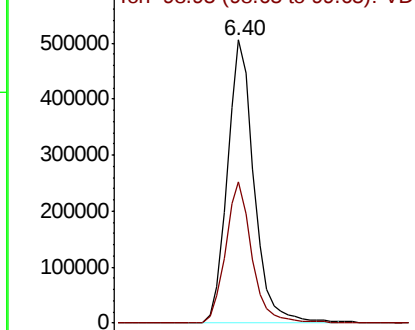
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 6.40 min Scan# 495
 Delta R.T. 0.02 min
 Lab File: VD060022.D
 Acq: 17 Sep 2018 15:37

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-091418-ARE

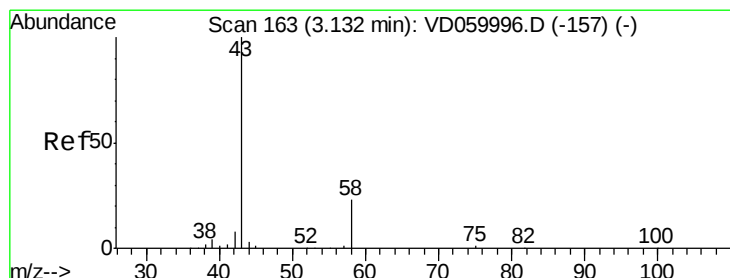
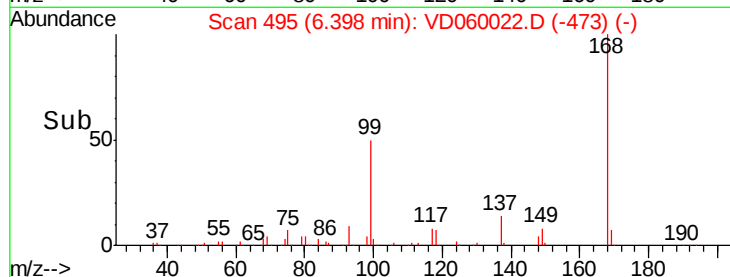
Tot Ion:168 Resp: 1300391
 Ion Ratio Lower Upper
 168 100
 99 49.7 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.95 (98.65 to 99.65): VDC



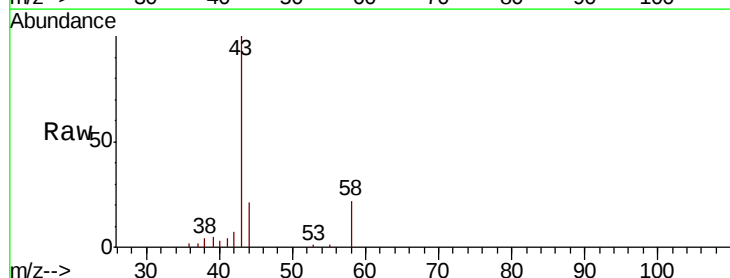
Time-->



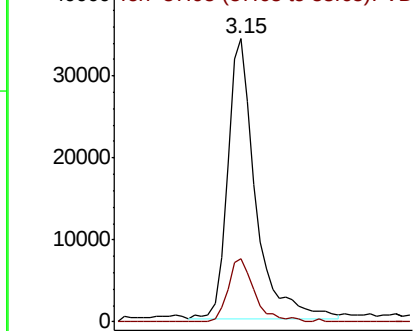
#16

Acetone
 Concen: 51.32 ug/l
 RT: 3.15 min Scan# 165
 Delta R.T. 0.02 min
 Lab File: VD060022.D
 Acq: 17 Sep 2018 15:37

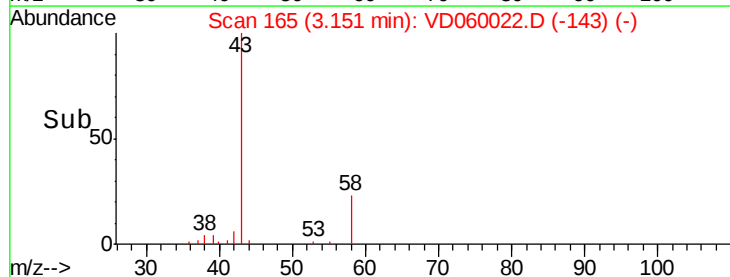
Tgt Ion: 43 Resp: 100478
 Ion Ratio Lower Upper
 43 100
 58 22.3 18.1 27.1

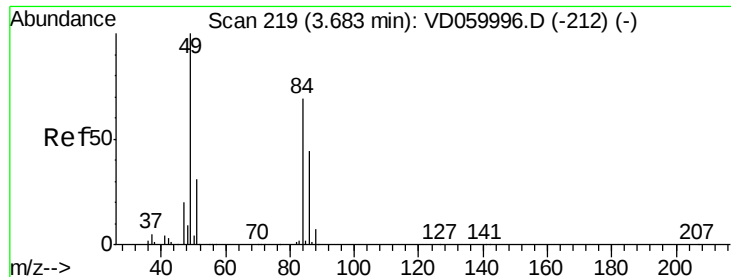


Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 57.95 (57.65 to 58.65): VDC



Time-->

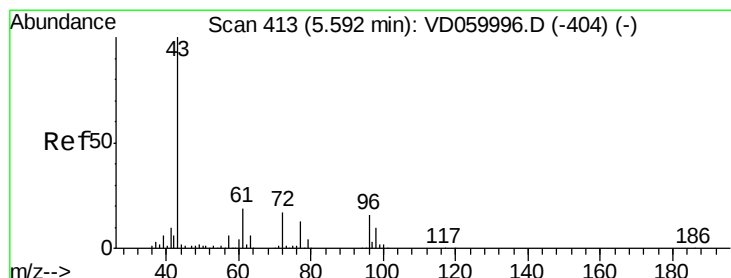
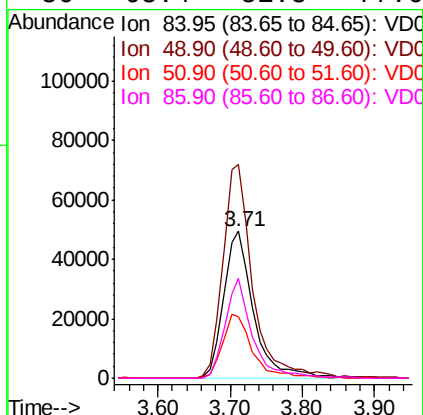
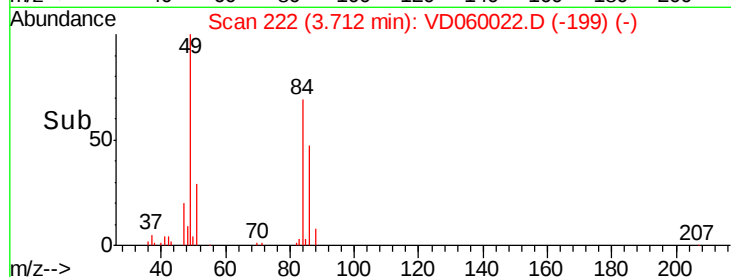
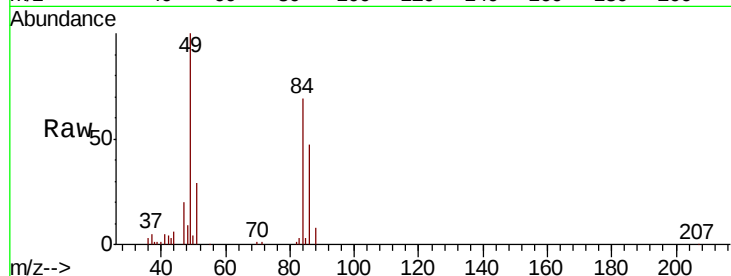




#20
Methylene Chloride
Concen: 3.49 ug/l
RT: 3.71 min Scan# 222
Delta R.T. 0.03 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

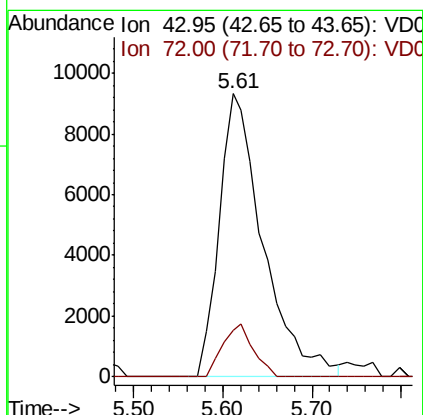
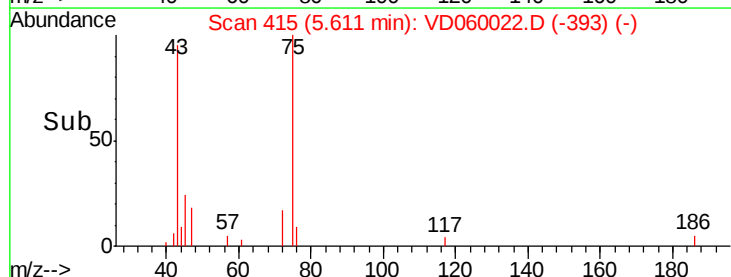
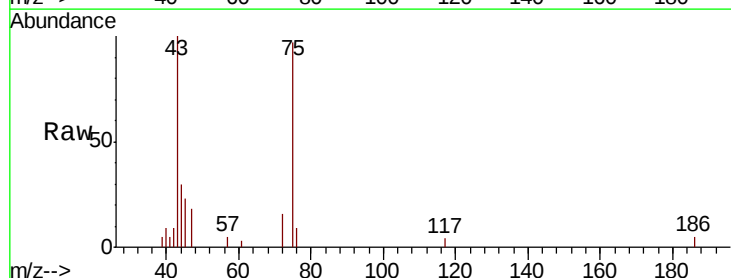
Instrument :
MSVOA_D
ClientSampleId :
CL-01-091418-ARE

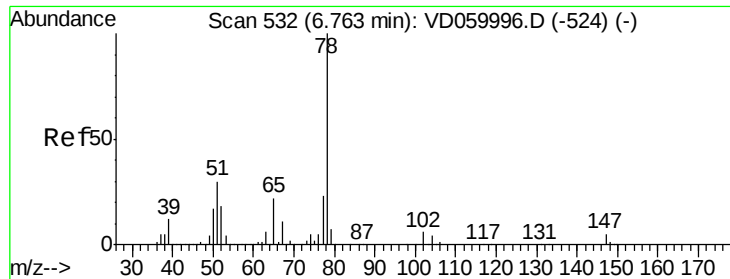
Tot Ion: 84 Resp: 141971
Ion Ratio Lower Upper
84 100
49 145.4 116.6 175.0
51 41.7 35.9 53.9
86 68.4 51.8 77.6



#25
2-Butanone
Concen: 6.05 ug/l
RT: 5.61 min Scan# 415
Delta R.T. 0.02 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Tgt Ion: 43 Resp: 31962
Ion Ratio Lower Upper
43 100
72 16.4 13.6 20.4





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.78 min Scan# 534

Delta R.T. 0.02 min

Lab File: VD060022.D

Acq: 17 Sep 2018 15:37

Instrument :

MSVOA_D

ClientSampleId :

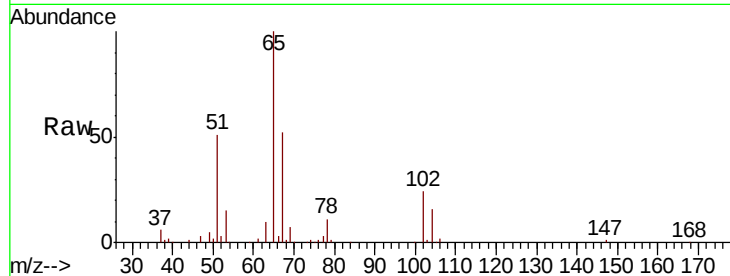
CL-01-091418-ARE

Tot Ion: 65 Resp: 462727

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.78

200000

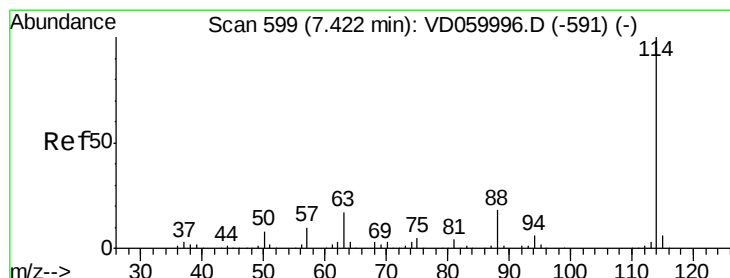
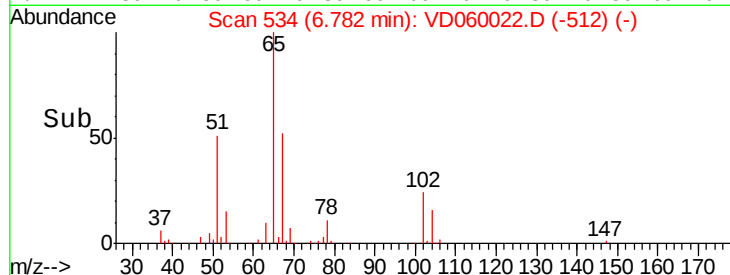
150000

100000

50000

0

Time--> 6.60 6.70 6.80 6.90 7.00



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.44 min Scan# 601

Delta R.T. 0.02 min

Lab File: VD060022.D

Acq: 17 Sep 2018 15:37

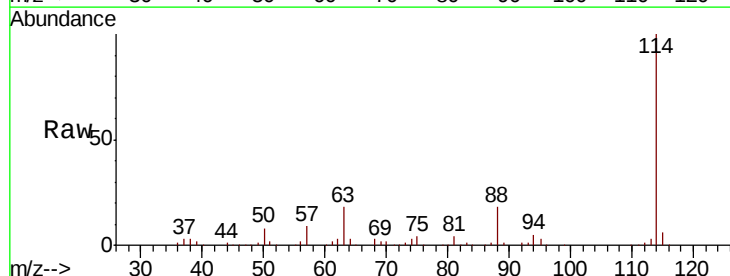
Tgt Ion:114 Resp: 1835556

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.4

88 18.3 0.0 35.8



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

1000000

800000

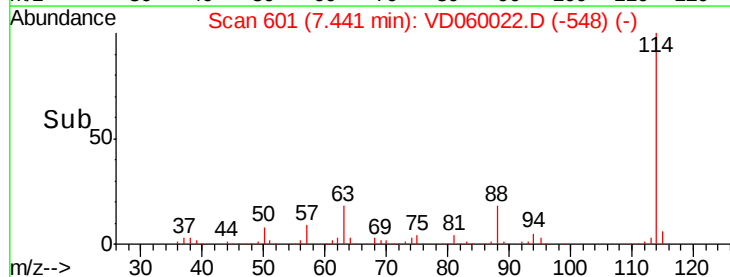
600000

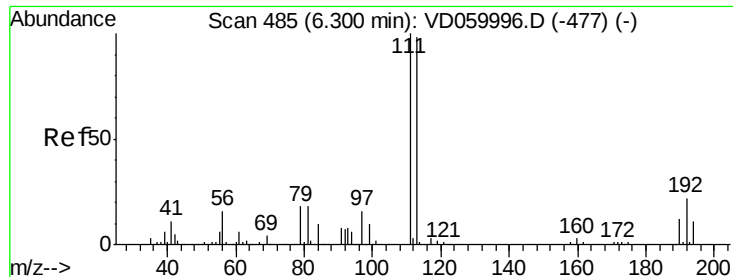
400000

200000

0

Time--> 7.20 7.40 7.60 7.80

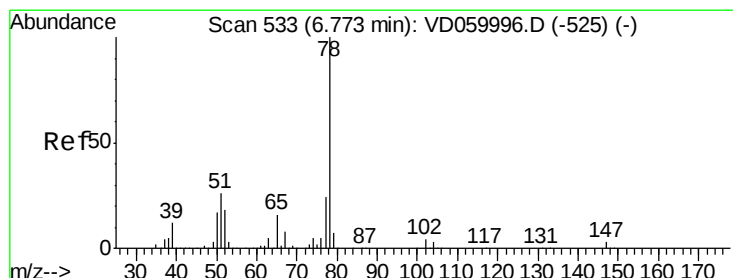
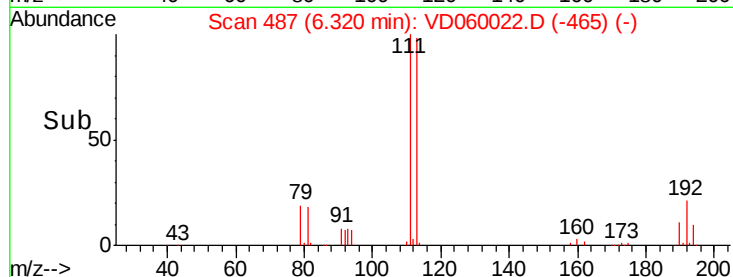
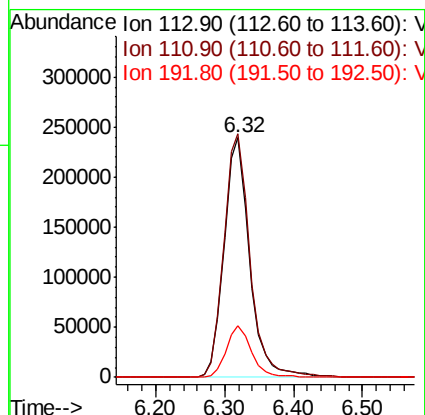
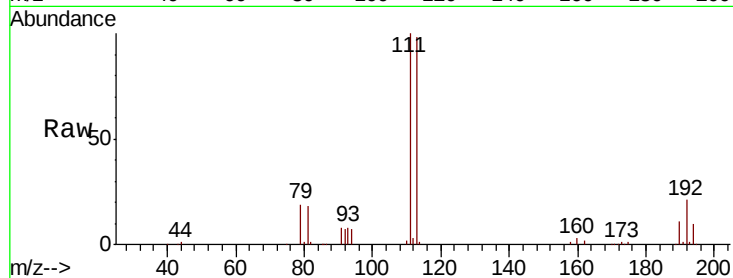




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.32 min Scan# 487
 Delta R.T. 0.02 min
 Lab File: VD060022.D
 Acq: 17 Sep 2018 15:37

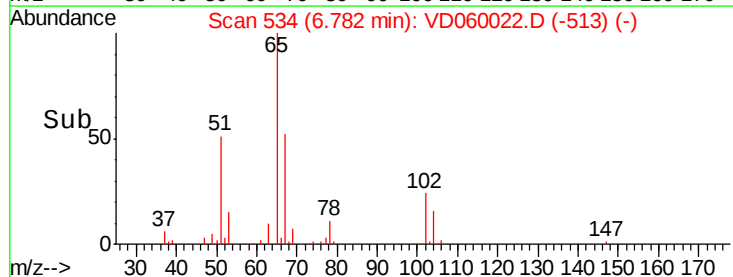
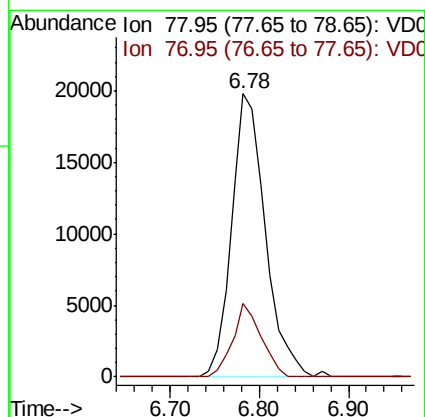
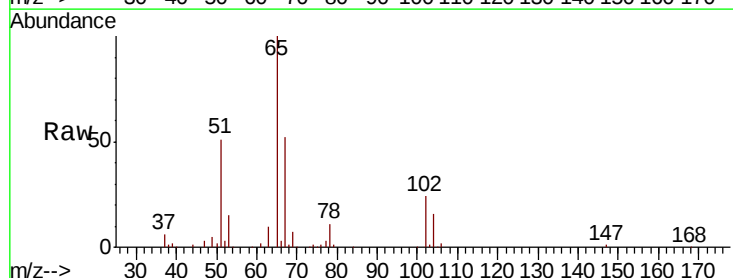
Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-091418-ARE

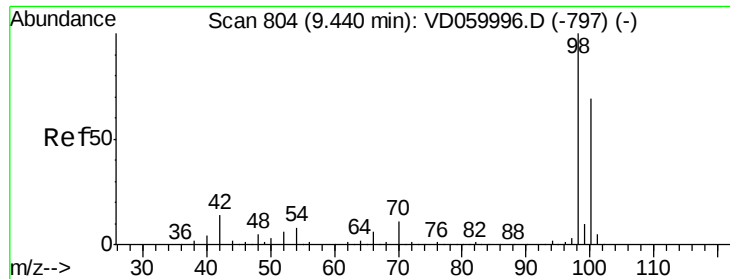
Tot Ion:113 Resp: 617772
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.3 121.9
 192 21.6 18.1 27.1



#40
 Benzene
 Concen: 1.12 ug/l
 RT: 6.78 min Scan# 534
 Delta R.T. 0.01 min
 Lab File: VD060022.D
 Acq: 17 Sep 2018 15:37

Tgt Ion: 78 Resp: 52238
 Ion Ratio Lower Upper
 78 100
 77 25.9 19.0 28.4





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.45 min Scan# 805

Delta R.T. 0.01 min

Lab File: VD060022.D

Acq: 17 Sep 2018 15:37

Instrument :

MSVOA_D

ClientSampleId :

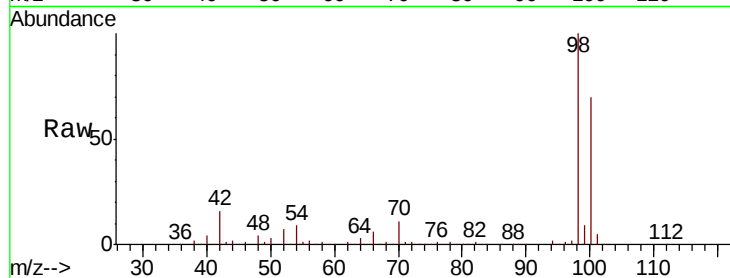
CL-01-091418-ARE

Tot Ion: 98 Resp: 1669234

Ion Ratio Lower Upper

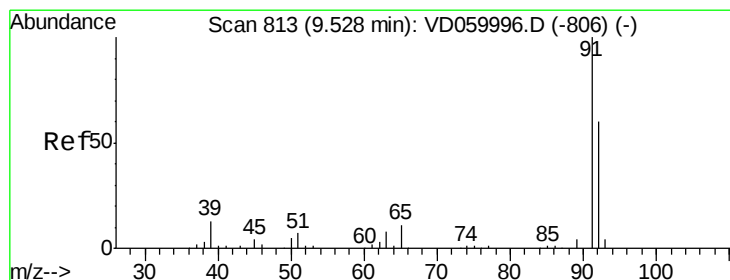
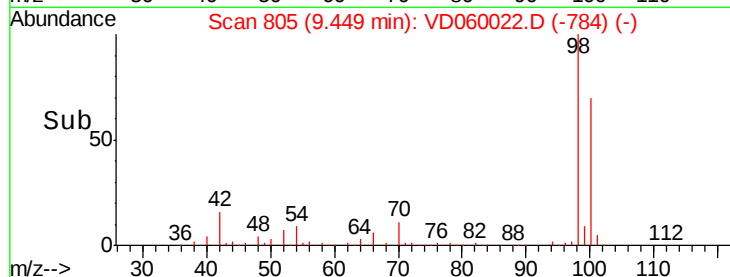
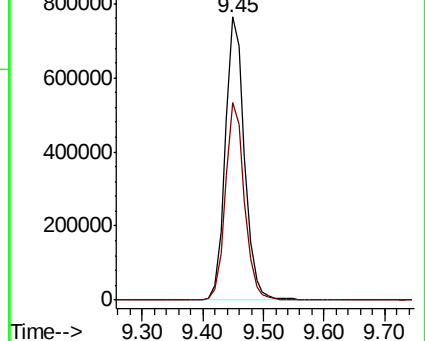
98 100

100 69.7 55.8 83.6



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#52

Toluene

Concen: 1.79 ug/l

RT: 9.55 min Scan# 815

Delta R.T. 0.02 min

Lab File: VD060022.D

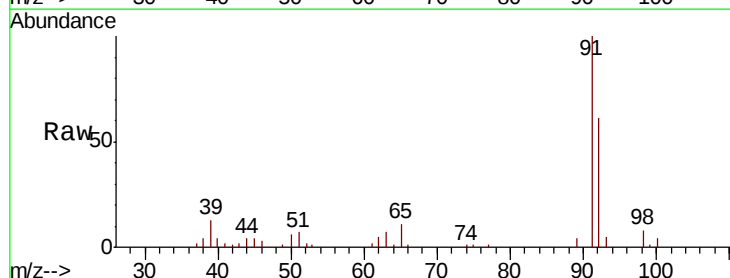
Acq: 17 Sep 2018 15:37

Tgt Ion: 92 Resp: 53193

Ion Ratio Lower Upper

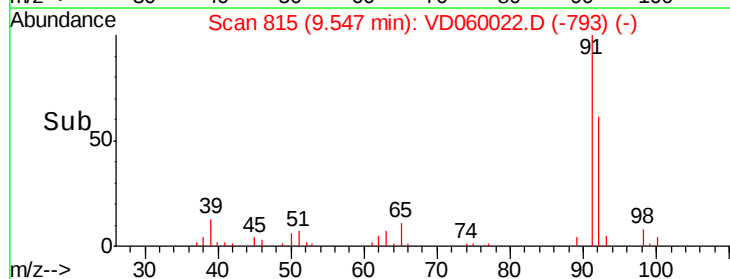
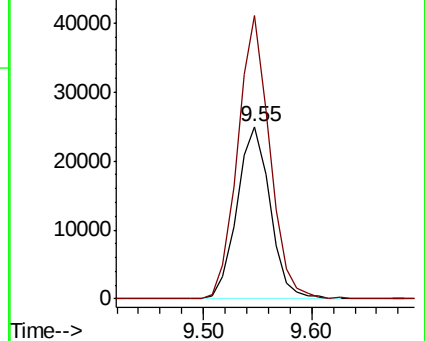
92 100

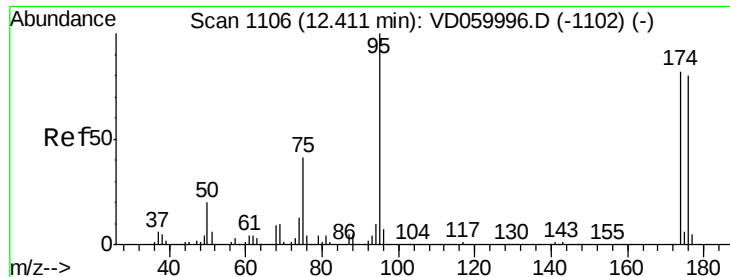
91 164.0 132.3 198.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

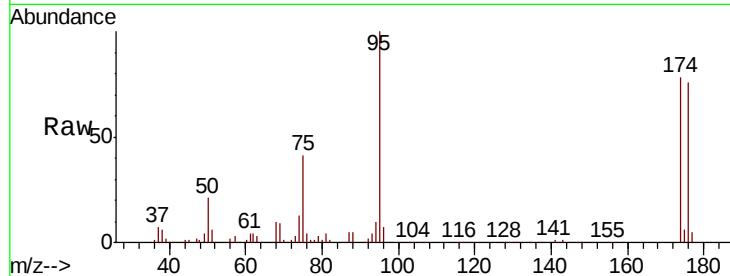




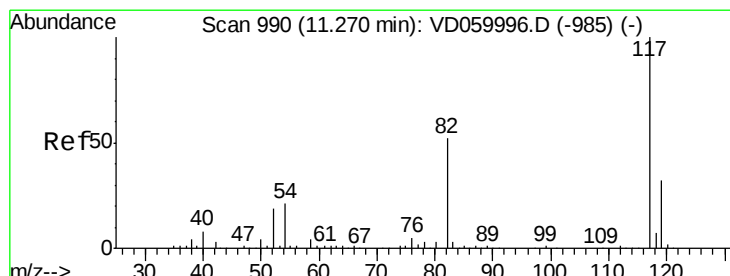
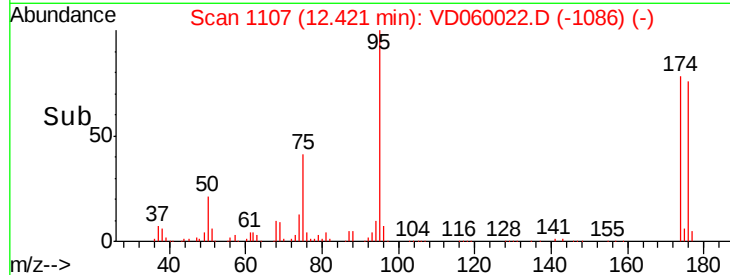
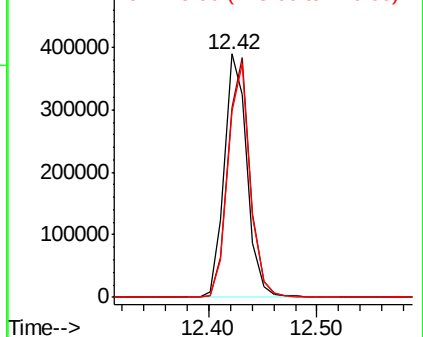
#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 12.42 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: VD060022.D
 Acq: 17 Sep 2018 15:37

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-091418-ARE

Tot Ion: 95 Resp: 568711
 Ion Ratio Lower Upper
 95 100
 174 78.0 0.0 165.0
 176 76.2 0.0 160.2

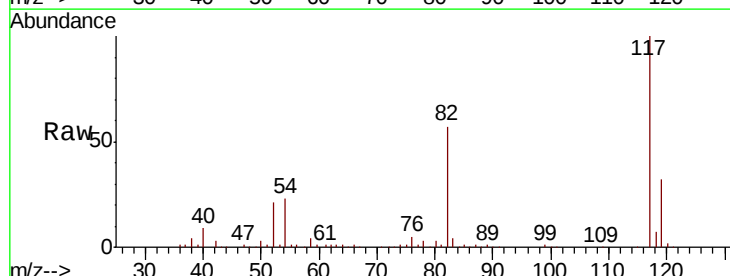


Abundance Ion 95.00 (94.70 to 95.70): V
 Ion 173.90 (173.60 to 174.60): V
 Ion 175.90 (175.60 to 176.60): V

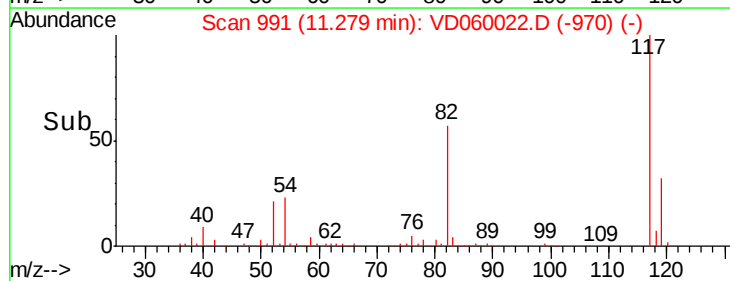
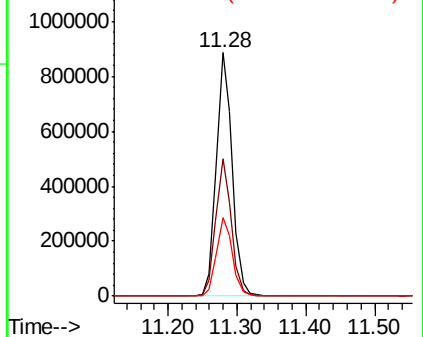


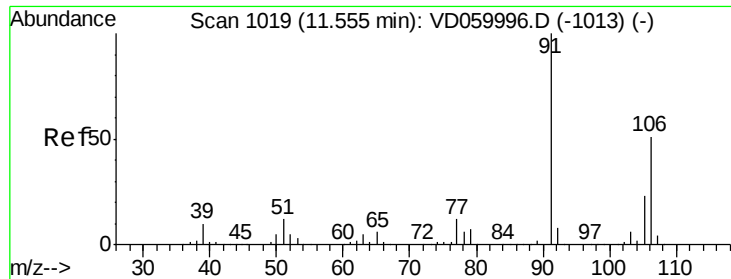
#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.28 min Scan# 991
 Delta R.T. 0.01 min
 Lab File: VD060022.D
 Acq: 17 Sep 2018 15:37

Tgt Ion: 117 Resp: 1409740
 Ion Ratio Lower Upper
 117 100
 82 56.5 41.7 62.5
 119 32.2 26.0 39.0



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

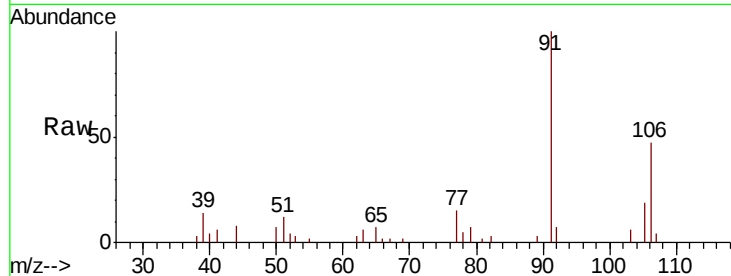




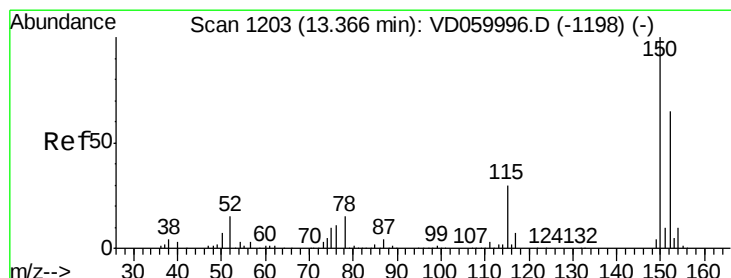
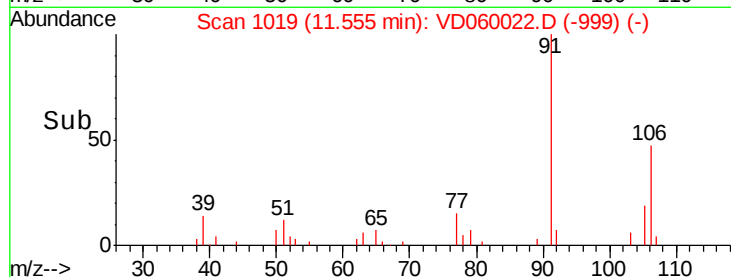
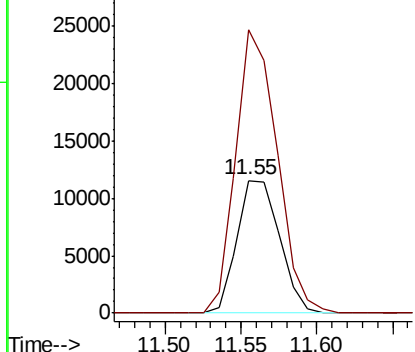
#68
m/p-Xvlenes
Concen: 1.26 ug/l
RT: 11.55 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Instrument :
MSVOA_D
ClientSampleId :
CL-01-091418-ARE

Tot Ion:106 Resp: 22677
Ion Ratio Lower Upper
106 100
91 213.1 157.0 235.6

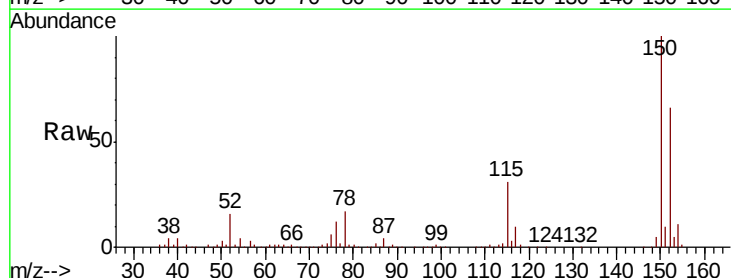


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

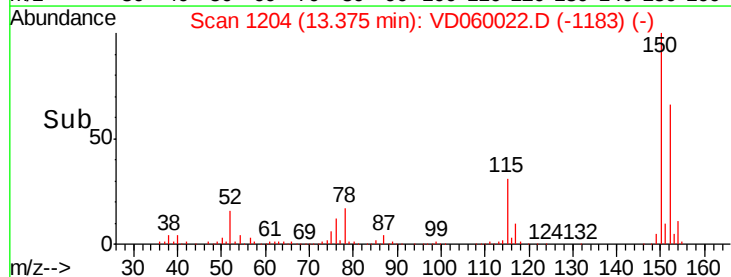
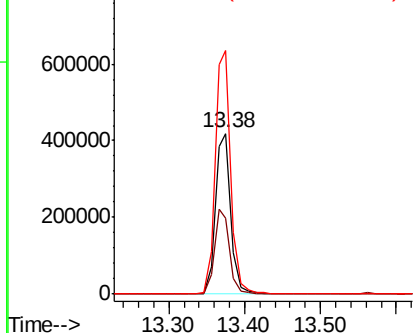


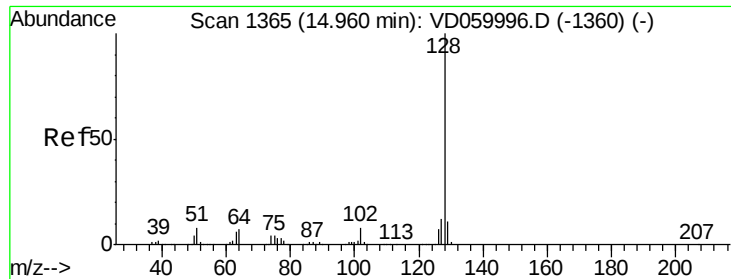
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Tgt Ion:152 Resp: 605482
Ion Ratio Lower Upper
152 100
115 47.2 24.6 73.8
150 151.2 0.0 313.4



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: 20.69 ug/l
 RT: 14.97 min Scan# 1366
 Delta R.T. 0.01 min
 Lab File: VD060022.D
 Acq: 17 Sep 2018 15:37

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-091418-ARE

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.9	9.7	14.5
129	10.8	8.9	13.3

