

Data File : VD062234.D
Acq On : 11 May 2019 13:46
Operator : FY/SY
Sample : K2729-03RE
Misc : 5.67g/5mL/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-4RE

Quant Time: May 11 22:49:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	723683	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	946345	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	508797	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	123076	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.45	65	331249	49.25	ug/l	0.02
Spiked Amount	50.000		Recovery	=	98.50%	
35) Dibromofluoromethane	6.92	113	392999	50.05	ug/l	0.02
Spiked Amount	50.000		Recovery	=	100.10%	
50) Toluene-d8	10.41	98	775510	40.96	ug/l	0.01
Spiked Amount	50.000		Recovery	=	81.92%	
62) 4-Bromofluorobenzene	13.55	95	177776	23.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	46.76%	

Target Compounds

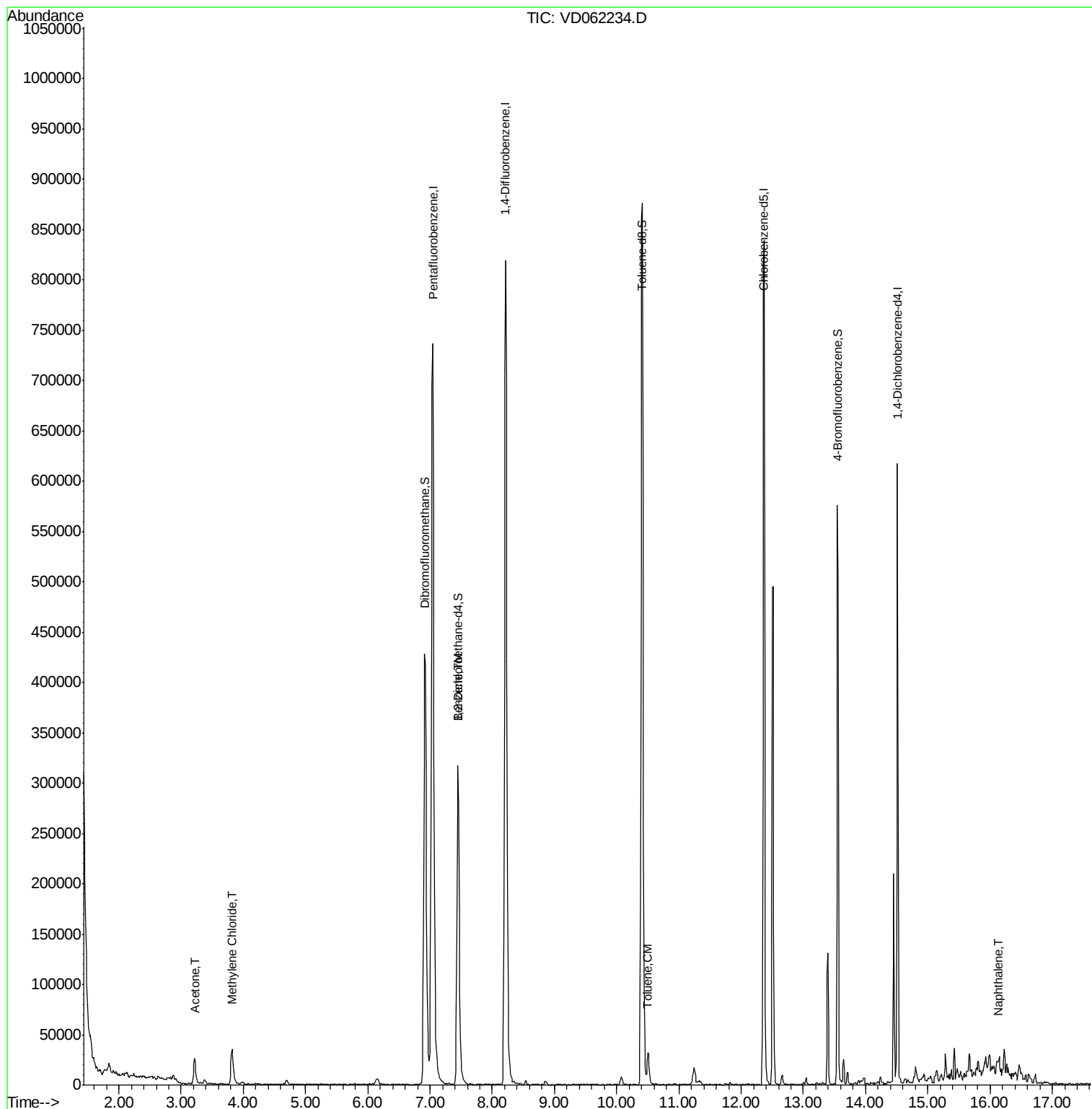
						Qvalue
16) Acetone	3.22	43	48511	34.396	ug/l #	76
20) Methylene Chloride	3.82	84	24885	4.226	ug/l	93
40) Benzene	7.45	78	18205	1.039	ug/l #	82
52) Toluene	10.50	92	15886	1.394	ug/l	93
95) Naphthalene	16.13	128	8581	2.718	ug/l #	94

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.02 min

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Instrument :

MSVOA_D

ClientSampleId :

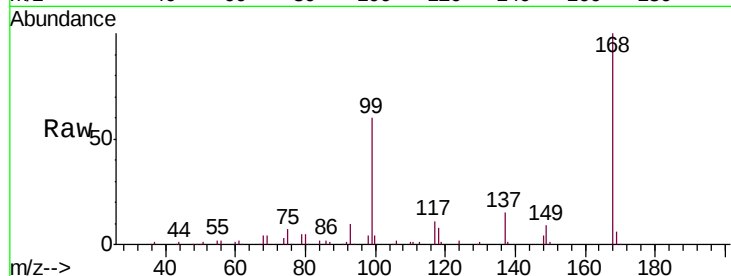
B-4RE

Tgt Ion:168 Resp: 723683

Ion Ratio Lower Upper

168 100

99 59.9 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

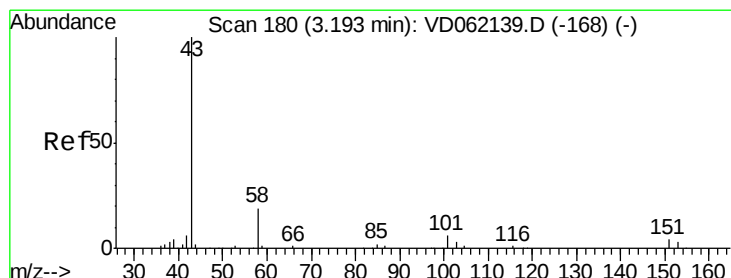
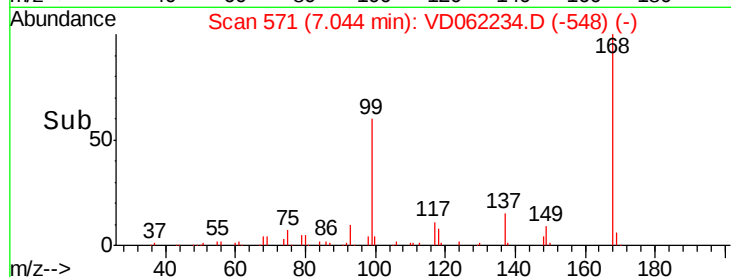
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 34.396 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.02 min

Lab File: VD062234.D

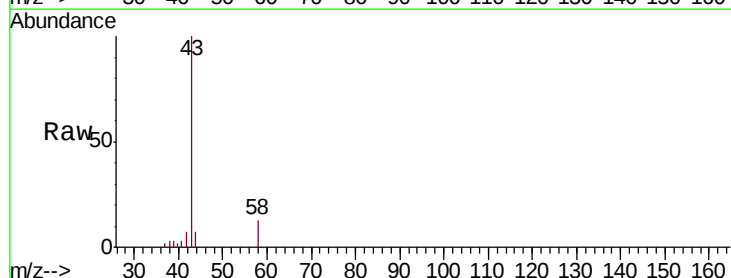
Acq: 11 May 2019 13:46

Tgt Ion: 43 Resp: 48511

Ion Ratio Lower Upper

43 100

58 12.8 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

20000

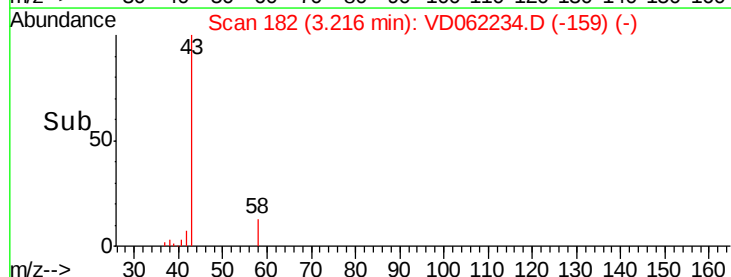
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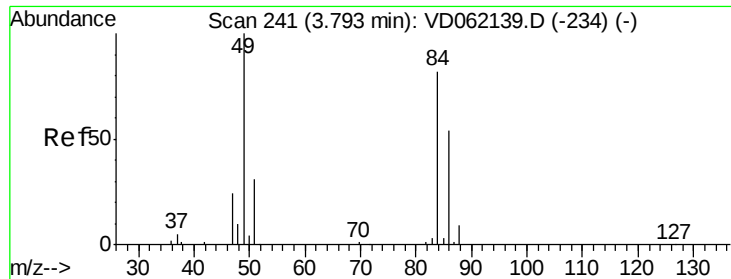
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5000

0

Time-->

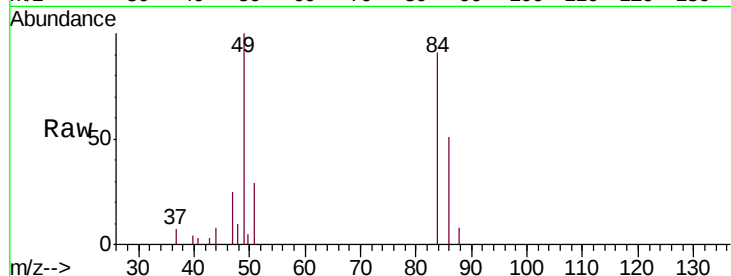




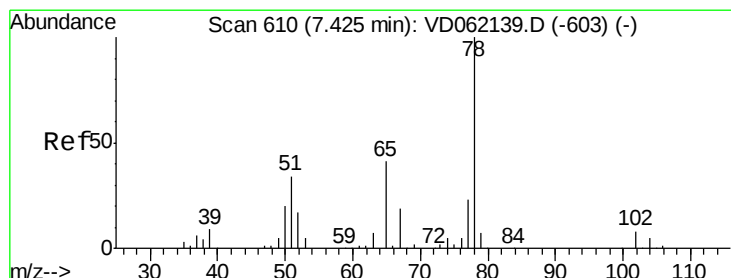
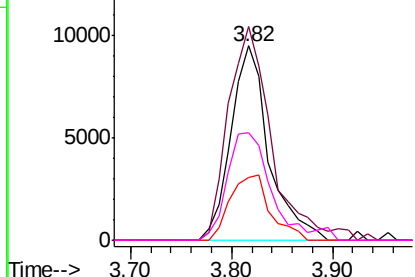
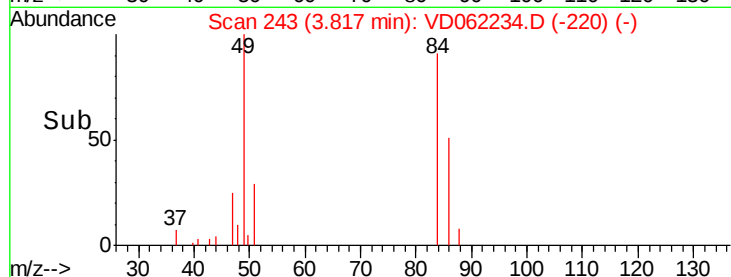
#20
Methylene Chloride
Concen: 4.226 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD062234.D
Acq: 11 May 2019 13:46

Instrument :
MSVOA_D
ClientSampleId :
B-4RE

Tgt Ion: 84 Resp: 24885
Ion Ratio Lower Upper
84 100
49 110.0 94.0 141.0
51 32.3 29.0 43.4
86 55.6 49.8 74.6

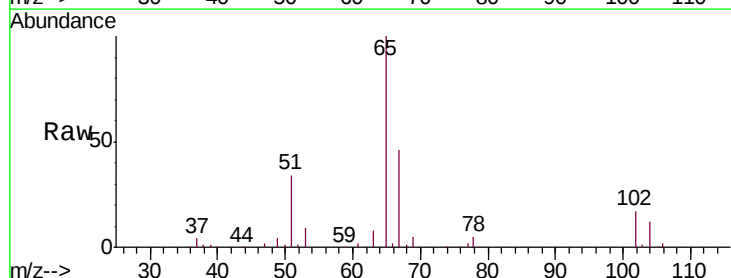


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

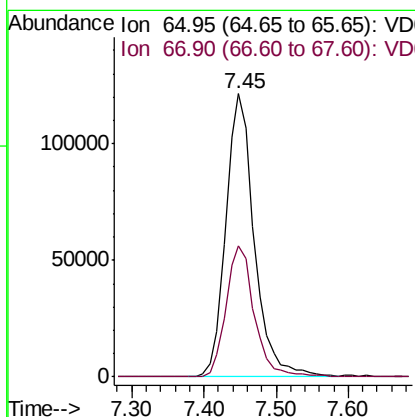
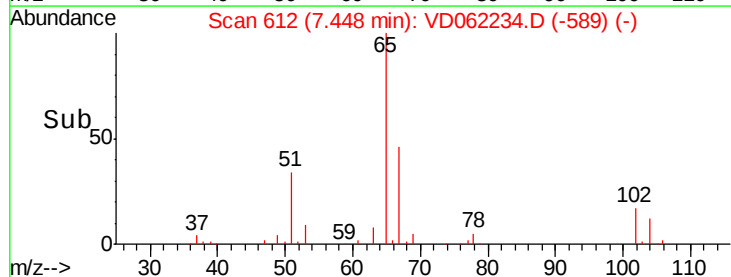


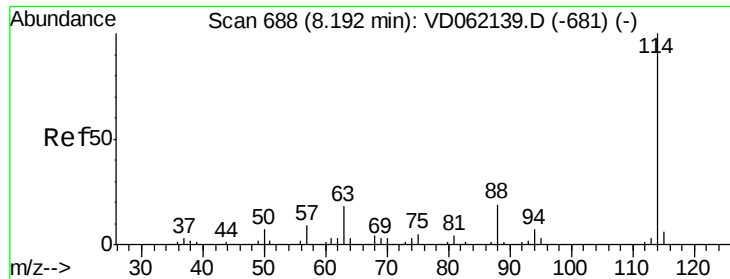
#33
1,2-Dichloroethane-d4
Concen: 49.254 ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.02 min
Lab File: VD062234.D
Acq: 11 May 2019 13:46

Tgt Ion: 65 Resp: 331249
Ion Ratio Lower Upper
65 100
67 46.2 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

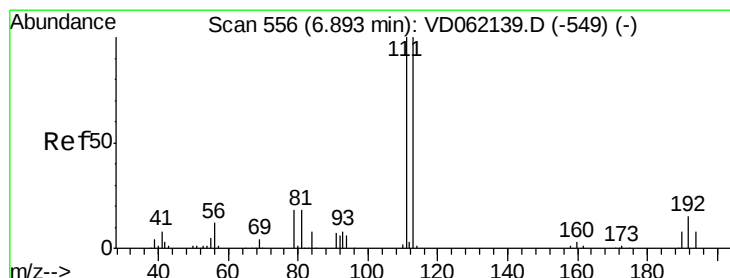
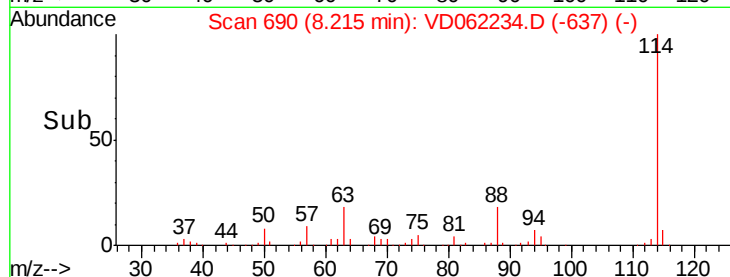
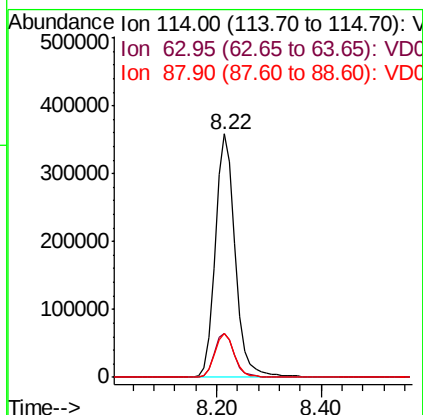
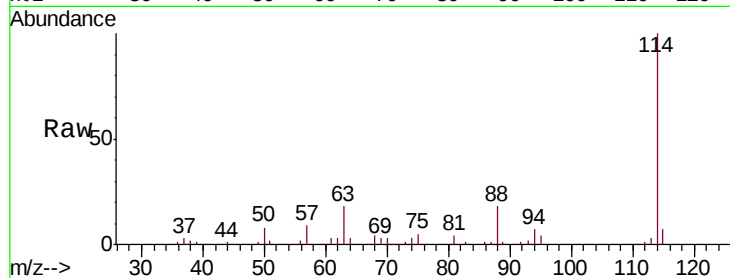




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. 0.02 min
Lab File: VD062234.D
Acq: 11 May 2019 13:46

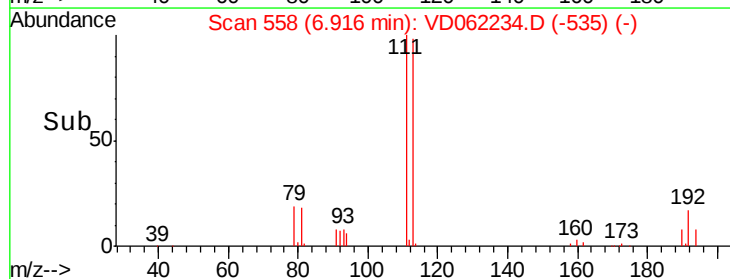
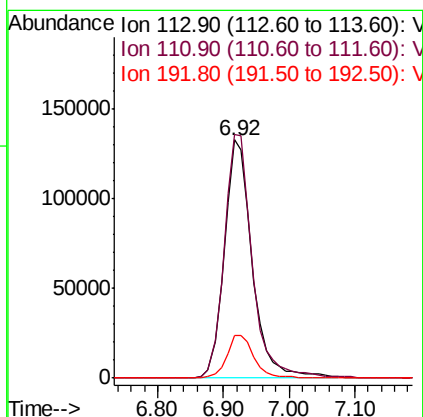
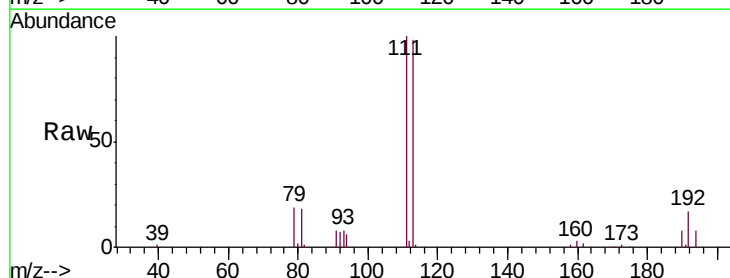
Instrument :
MSVOA_D
ClientSampleId :
B-4RE

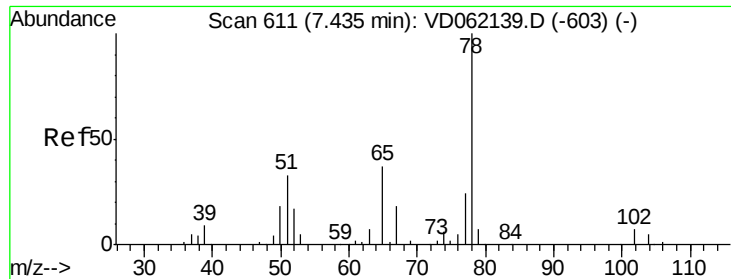
Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	32.4
88	17.8	0.0	33.6



#35
Dibromofluoromethane
Concen: 50.051 ug/l
RT: 6.92 min Scan# 558
Delta R.T. 0.02 min
Lab File: VD062234.D
Acq: 11 May 2019 13:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	78.5	117.7
192	17.8	13.0	19.4

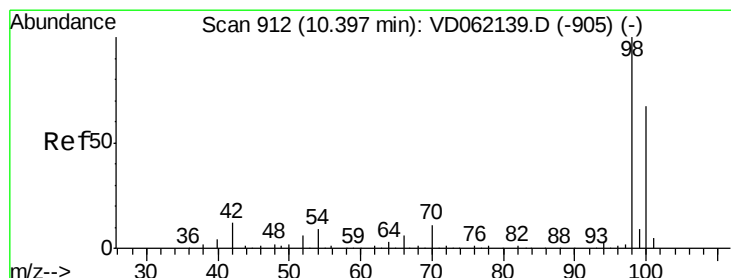
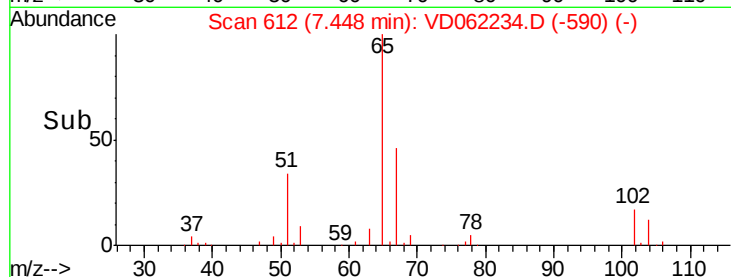
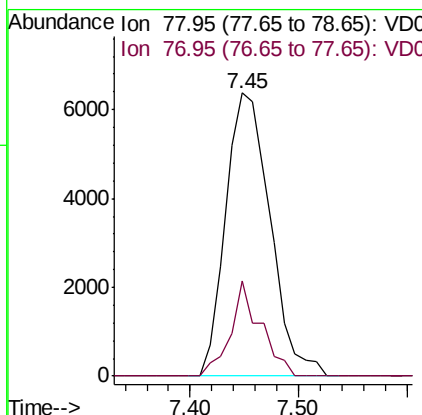
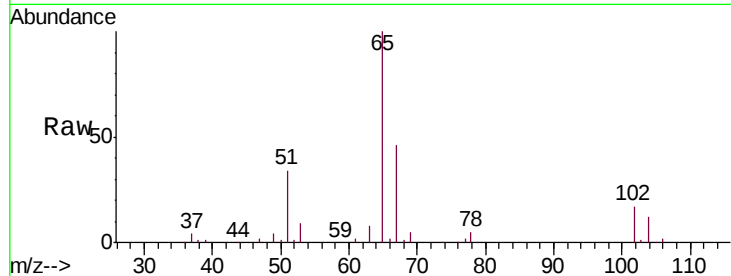




#40
Benzene
Concen: 1.039 ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.01 min
Lab File: VD062234.D
Acq: 11 May 2019 13:46

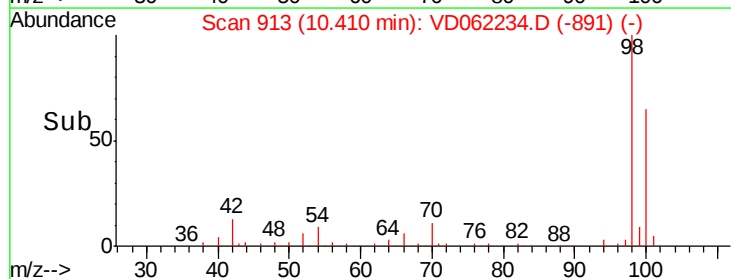
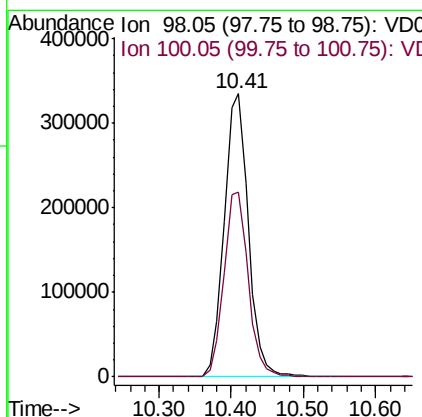
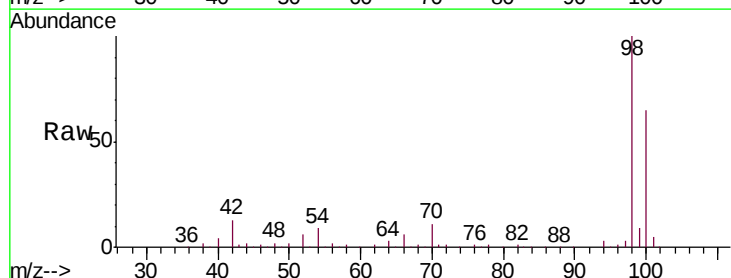
Instrument :
MSVOA_D
ClientSampleId :
B-4RE

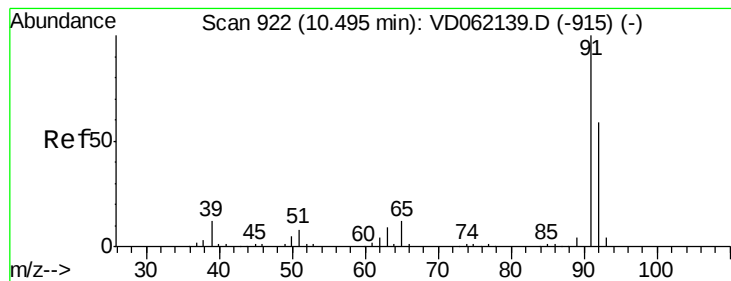
Tgt Ion: 78 Resp: 18205
Ion Ratio Lower Upper
78 100
77 33.8 19.7 29.5#



#50
Toluene-d8
Concen: 40.964 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD062234.D
Acq: 11 May 2019 13:46

Tgt Ion: 98 Resp: 775510
Ion Ratio Lower Upper
98 100
100 65.1 53.8 80.8





#52

Toluene

Concen: 1.394 ug/l

RT: 10.50 min Scan# 922

Delta R.T. 0.00 min

Lab File: VD062234.D

Acq: 11 May 2019 13:46

Instrument :

MSVOA_D

ClientSampleId :

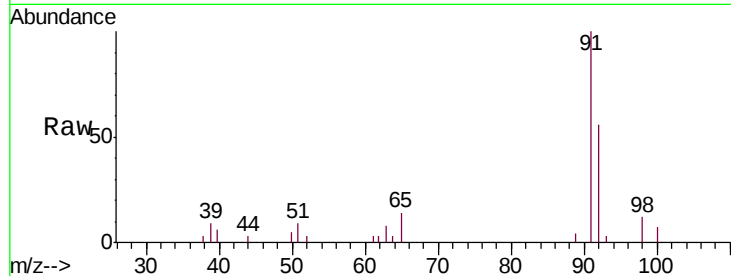
B-4RE

Tgt Ion: 92 Resp: 15886

Ion Ratio Lower Upper

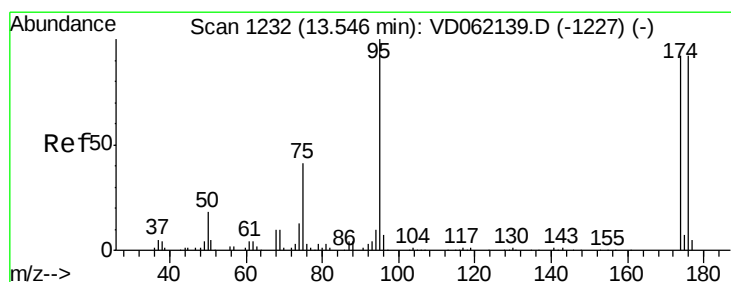
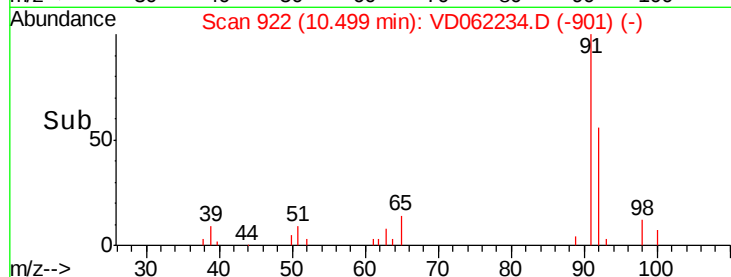
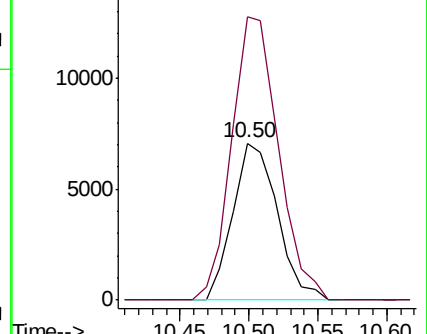
92 100

91 180.1 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 23.385 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062234.D

Acq: 11 May 2019 13:46

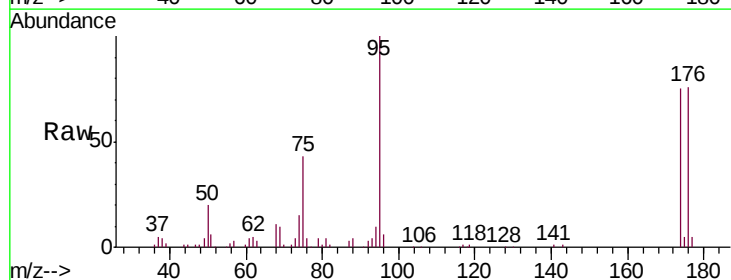
Tgt Ion: 95 Resp: 177776

Ion Ratio Lower Upper

95 100

174 75.2 0.0 181.8

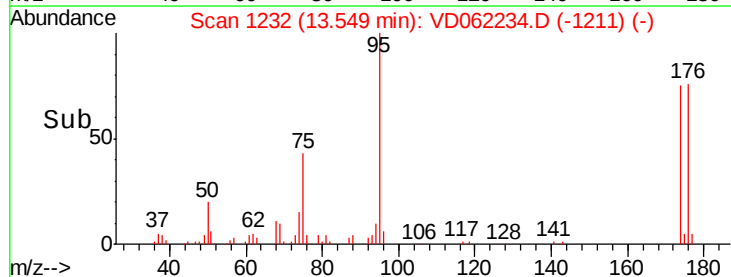
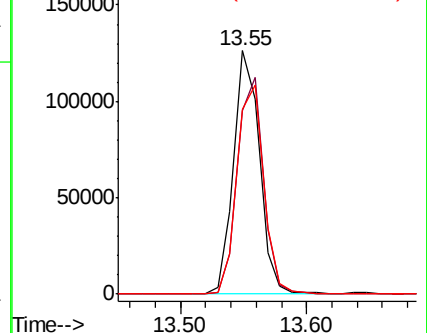
176 75.7 0.0 174.4

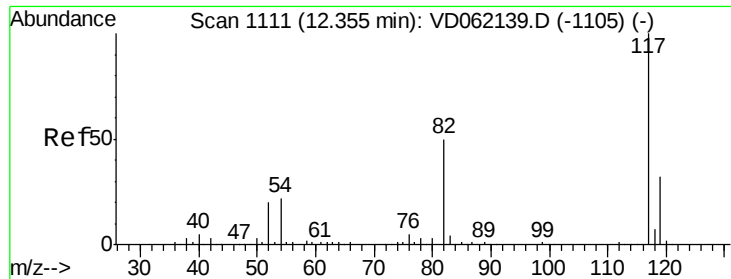


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

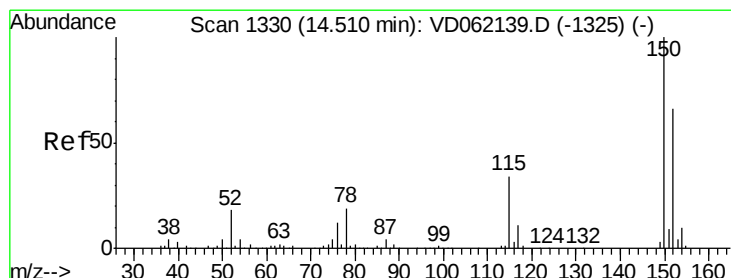
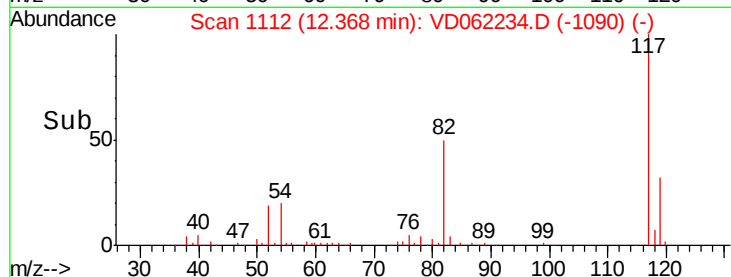
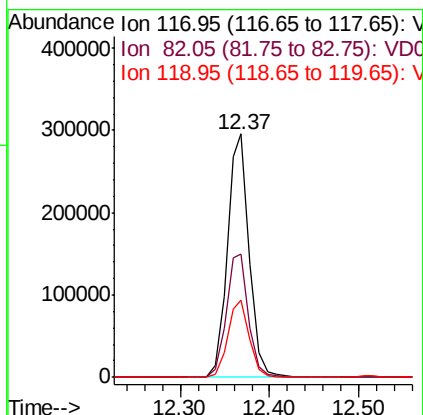
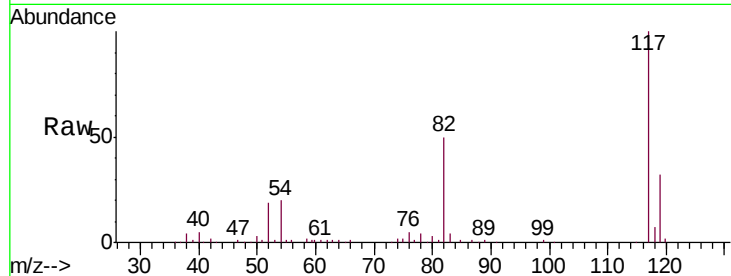




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062234.D
Acq: 11 May 2019 13:46

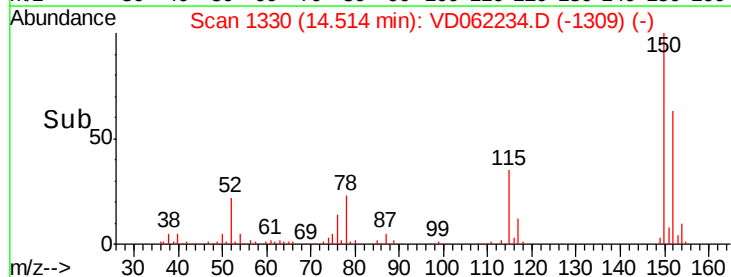
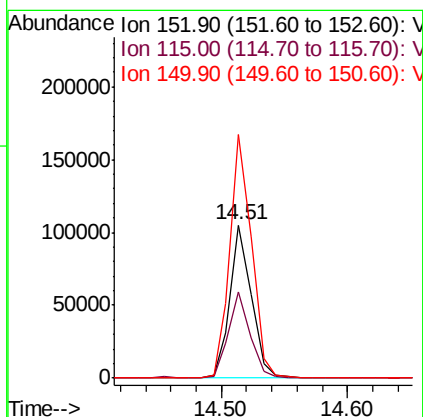
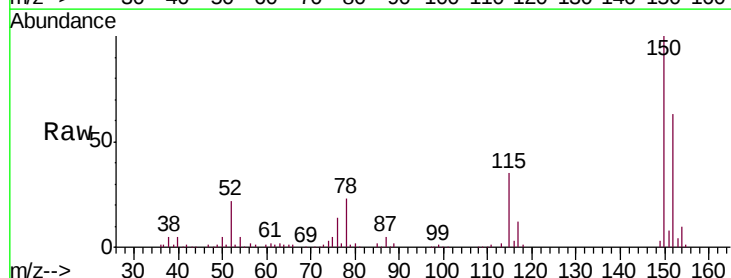
Instrument :
MSVOA_D
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B-4RE

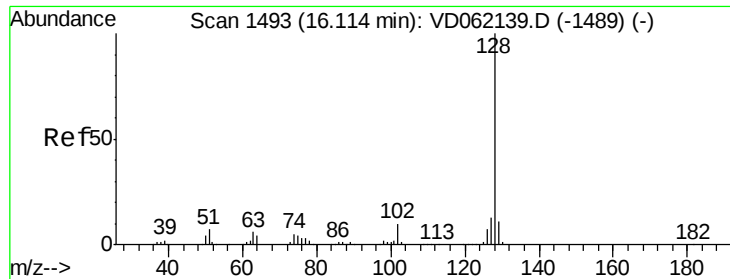
Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.4	36.2	54.2
119	31.7	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062234.D
Acq: 11 May 2019 13:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	30.9	92.7
150	159.3	0.0	314.8

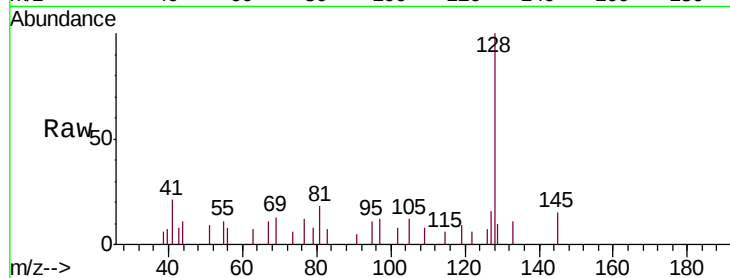




#95
 Naphthalene
 Concen: 2.718 ug/l
 RT: 16.13 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: VD062234.D
 Acq: 11 May 2019 13:46

Instrument :
 MSVOA_D
 ClientSampleId :
 B-4RE

Tgt Ion:128 Resp: 8581
 Ion Ratio Lower Upper
 128 100
 127 16.2 9.8 14.8#
 129 10.3 8.8 13.2



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

