

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040419\
 Data File : VD061611.D
 Acq On : 5 Apr 2019 8:28
 Operator : VA/AP
 Sample : K2195-01
 Misc : 4.80u/5ml/MSVOA D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 05 23:18:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

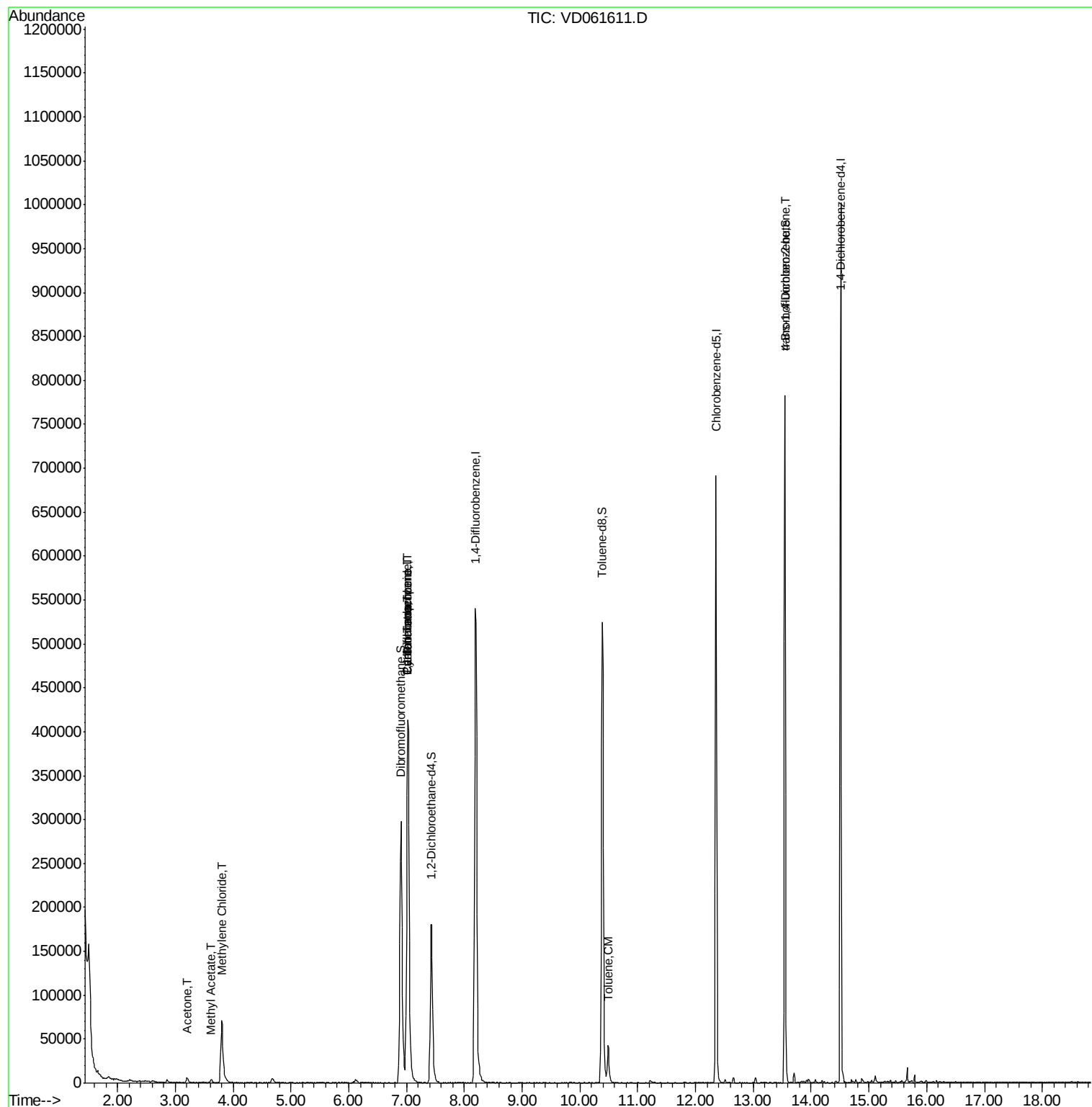
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	447243	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.19	114	706731	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	473691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	237149	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	187410	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
35) Dibromofluoromethane	6.90	113	284937	52.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.52%	
50) Toluene-d8	10.39	98	470056	36.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.58%	
62) 4-Bromofluorobenzene	13.55	95	234488	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.42%	
Target Compounds						
					Qvalue	
16) Acetone	3.20	43	10929	11.128	ug/l #	79
18) Methyl Acetate	3.63	43	6056	2.933	ug/l #	87
20) Methylene Chloride	3.81	84	56006	8.589	ug/l	98
31) Cyclohexane	7.01	56	7121	1.082	ug/l #	1
36) 1,1-Dichloropropene	7.01	75	31991	5.186	ug/l #	44
38) Carbon Tetrachloride	7.03	117	39887	5.628	ug/l #	13
52) Toluene	10.48	92	25949	2.748	ug/l	89
81) trans-1,4-Dichloro-2-buten	13.55	75	85547	81.903	ug/l #	18

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

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ClientSampleId :

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. 0.01 min

Lab File: VD061611.D

Acq: 5 Apr 2019 8:28

Instrument :

MSVOA_D

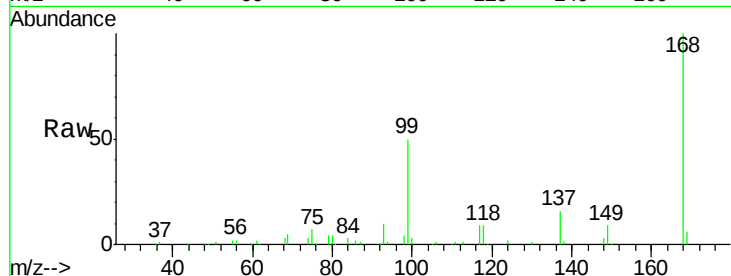
ClientSampleId :

Tot Ion:168 Resp: 447243

Ion Ratio Lower Upper

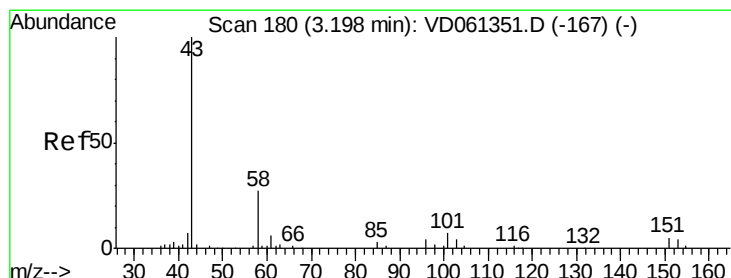
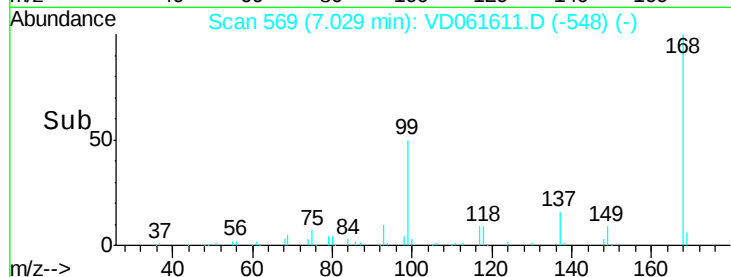
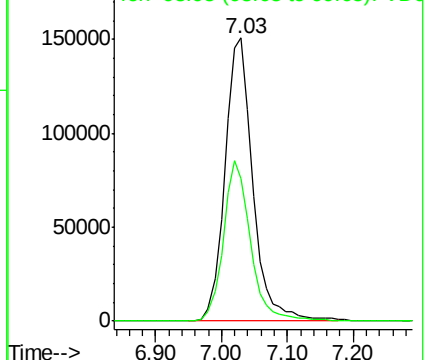
168 100

99 50.3 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 11.128 ug/l

RT: 3.20 min Scan# 180

Delta R.T. 0.00 min

Lab File: VD061611.D

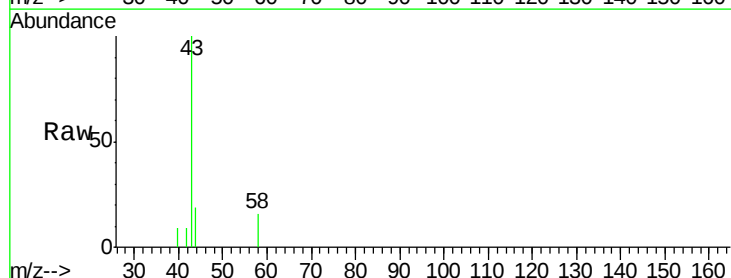
Acq: 5 Apr 2019 8:28

Tgt Ion: 43 Resp: 10929

Ion Ratio Lower Upper

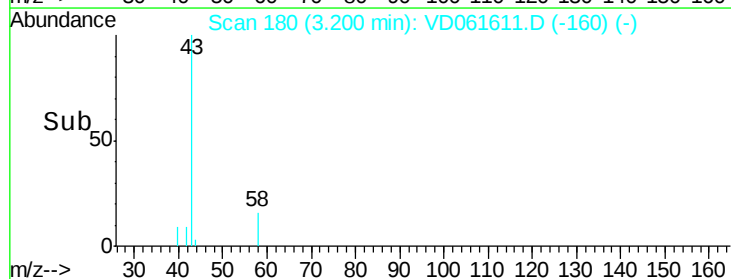
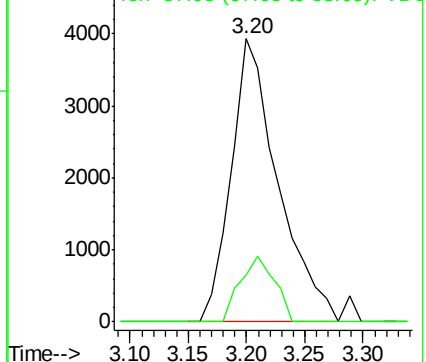
43 100

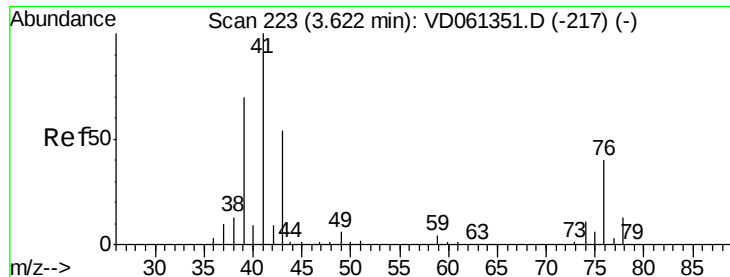
58 16.2 21.5 32.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

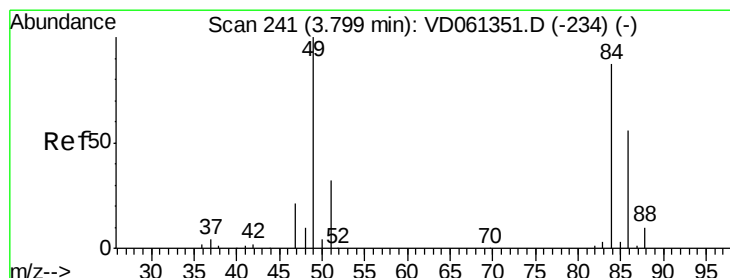
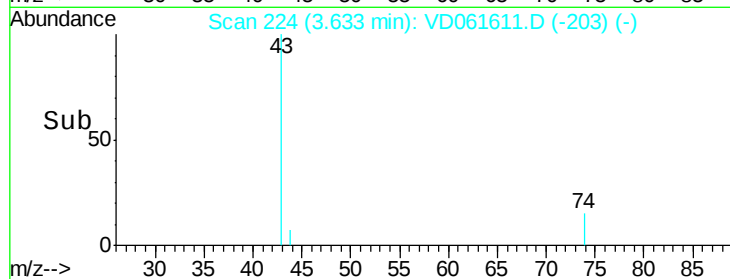
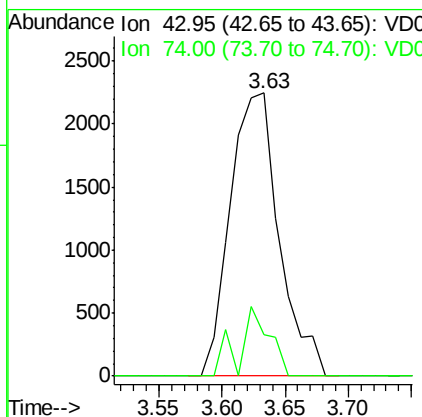
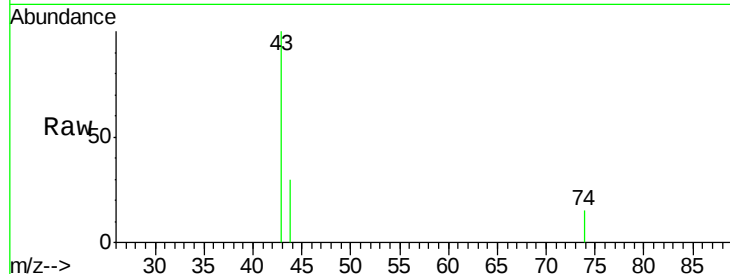




#18
Methyl Acetate
Concen: 2.933 ug/l
RT: 3.63 min Scan# 224
Delta R.T. 0.01 min
Lab File: VD061611.D
Acq: 5 Apr 2019 8:28

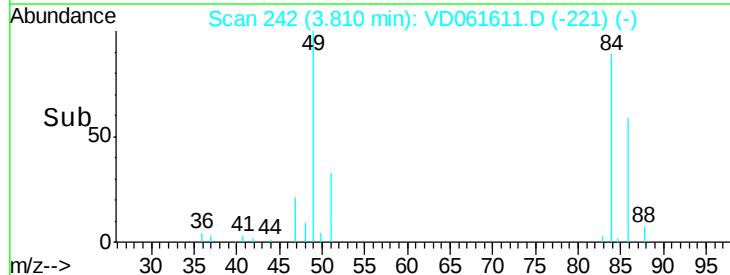
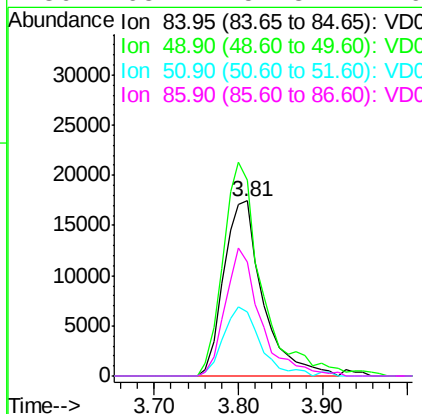
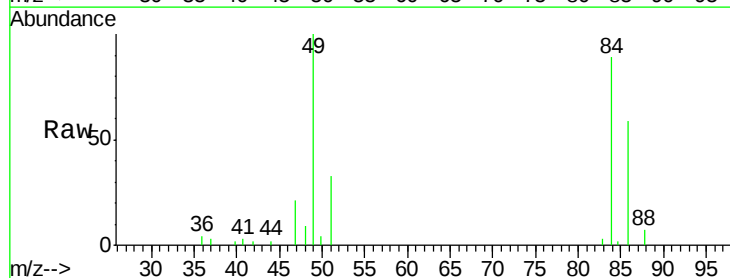
Instrument :
MSVOA_D
ClientSampled :

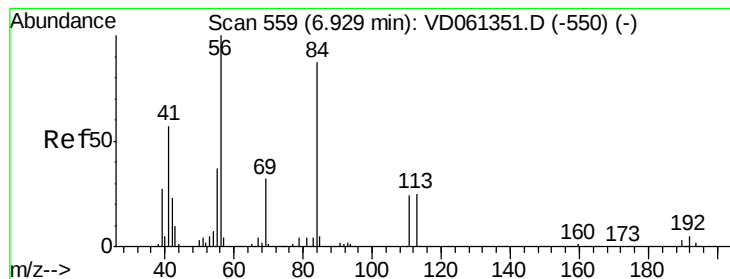
Tot Ion: 43 Resp: 6056
Ion Ratio Lower Upper
43 100
74 14.6 16.7 25.1#



#20
Methylene Chloride
Concen: 8.589 ug/l
RT: 3.81 min Scan# 242
Delta R.T. 0.01 min
Lab File: VD061611.D
Acq: 5 Apr 2019 8:28

Tgt Ion: 84 Resp: 56006
Ion Ratio Lower Upper
84 100
49 111.7 91.8 137.8
51 36.6 29.8 44.8
86 65.4 51.8 77.6





#31

Cyclohexane

Concen: 1.082 ug/l

RT: 7.01 min Scan# 567

Delta R.T. 0.08 min

Lab File: VD061611.D

Acq: 5 Apr 2019 8:28

Instrument :
MSVOA_D
ClientSampled :

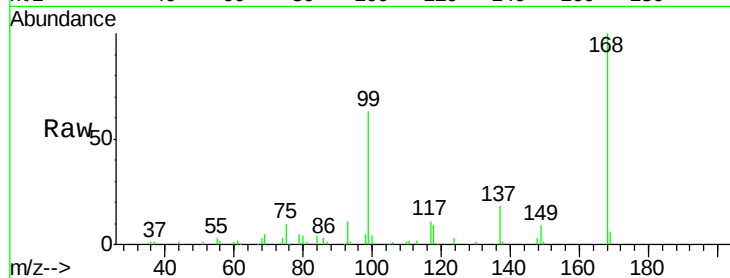
Tot Ion: 56 Resp: 7121

Ion Ratio Lower Upper

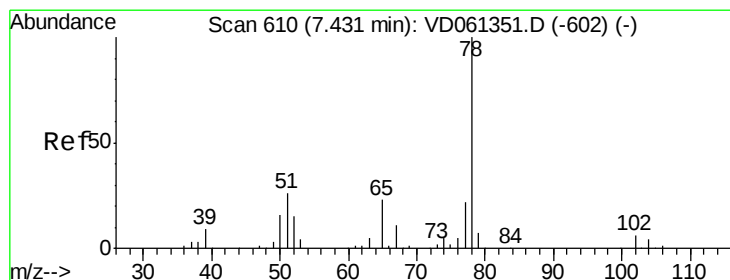
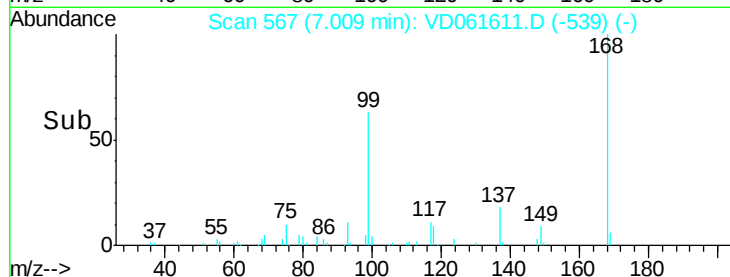
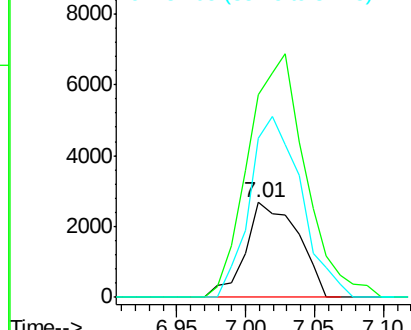
56 100

69 214.1 25.7 38.5#

84 167.4 70.6 105.8#



Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.43 min Scan# 610

Delta R.T. 0.00 min

Lab File: VD061611.D

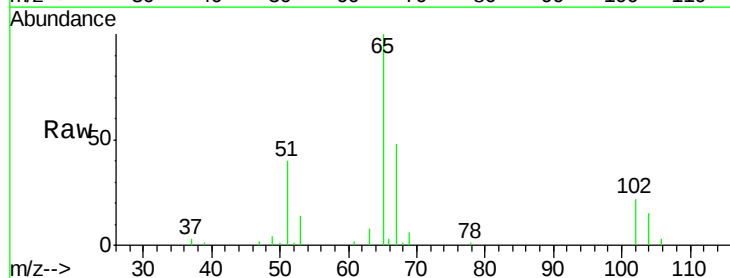
Acq: 5 Apr 2019 8:28

Tgt Ion: 65 Resp: 187410

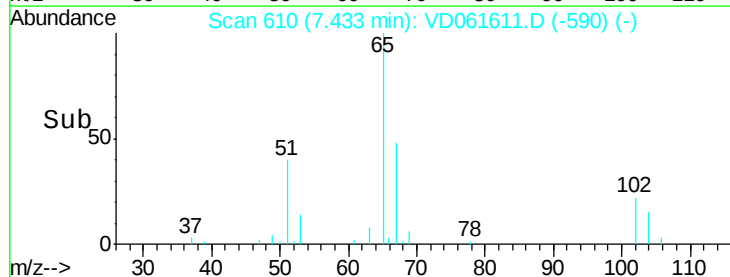
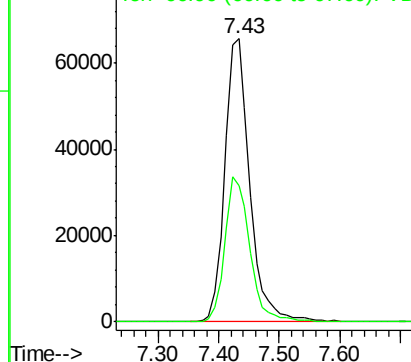
Ion Ratio Lower Upper

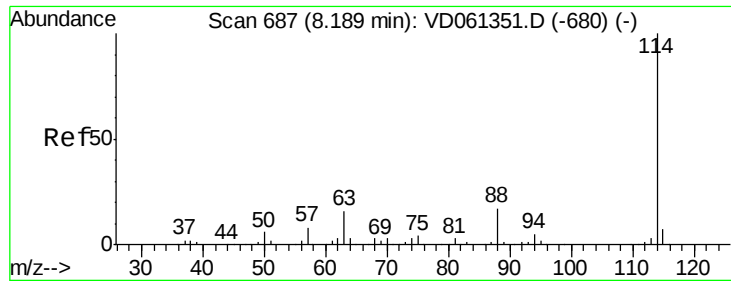
65 100

67 48.0 0.0 99.8



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

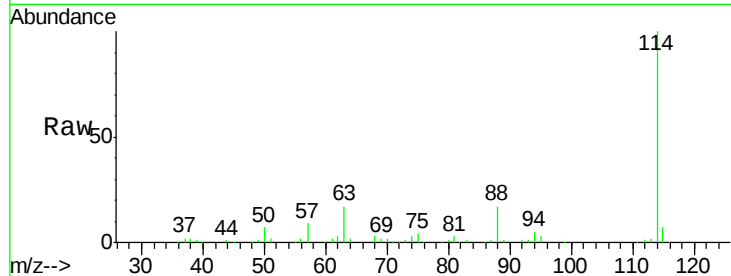




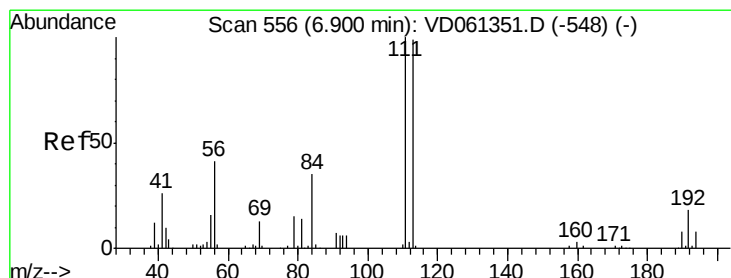
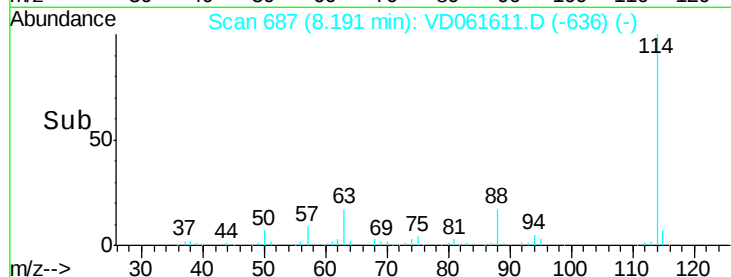
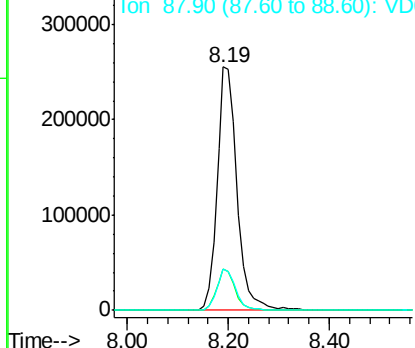
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 687
 Delta R.T. 0.00 min
 Lab File: VD061611.D
 Acq: 5 Apr 2019 8:28

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 706731
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 31.6
 88 16.8 0.0 33.4

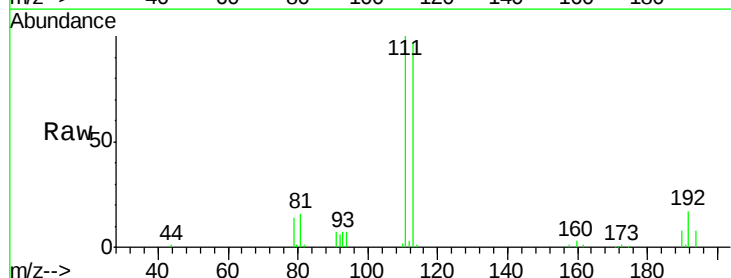


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

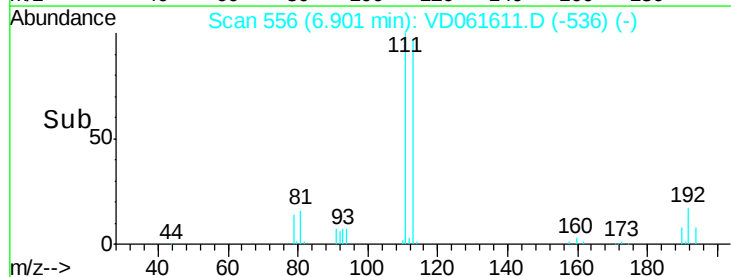
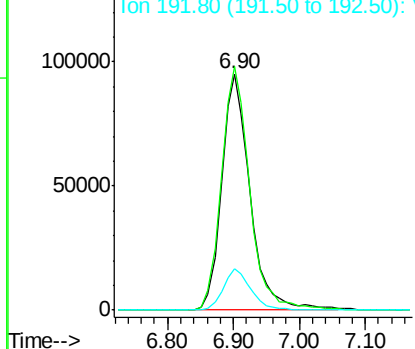


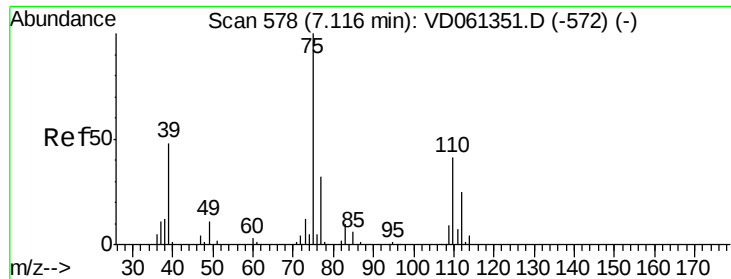
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.90 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: VD061611.D
 Acq: 5 Apr 2019 8:28

Tgt Ion:113 Resp: 284937
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.0 121.6
 192 17.6 14.4 21.6



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

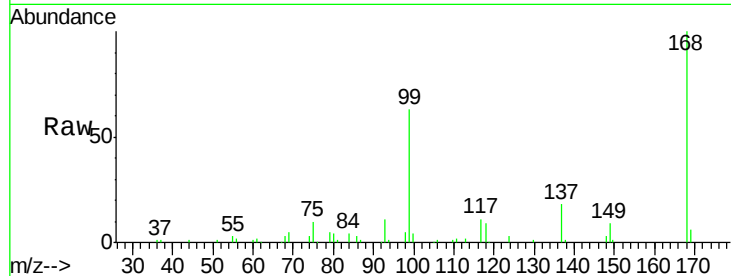




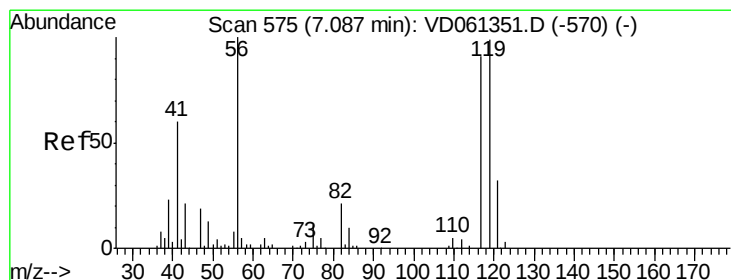
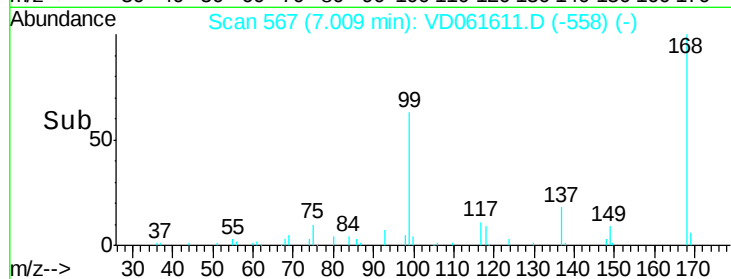
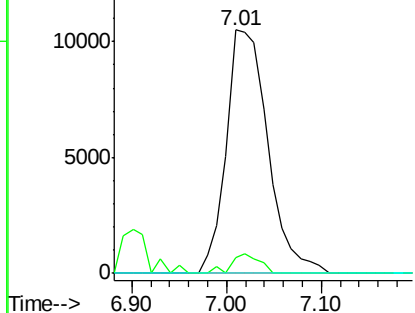
#36
 1,1-Dichloropropene
 Concen: 5.186 ug/l
 RT: 7.01 min Scan# 567
 Delta R.T. -0.11 min
 Lab File: VD061611.D
 Acq: 5 Apr 2019 8:28

Instrument :
 MSVOA_D
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
75	100		
110	6.7	20.4	61.3#
77	0.0	24.9	37.3#

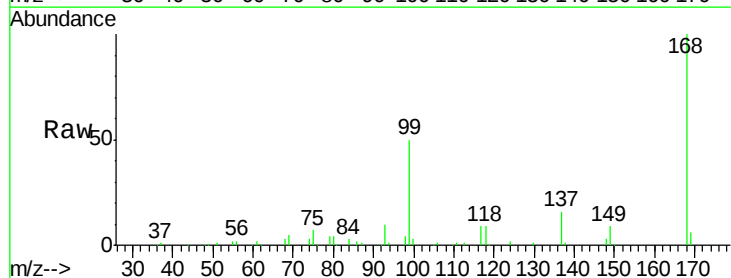


Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 109.90 (109.60 to 110.60): VDC
 Ion 76.95 (76.65 to 77.65): VDC

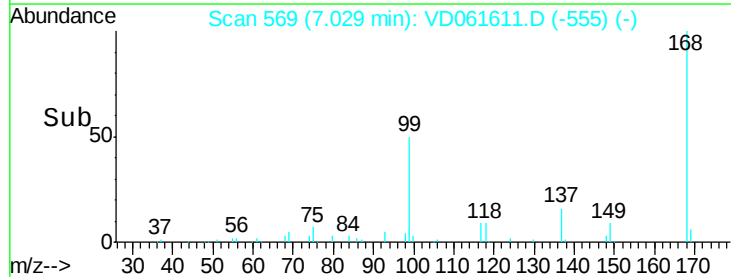
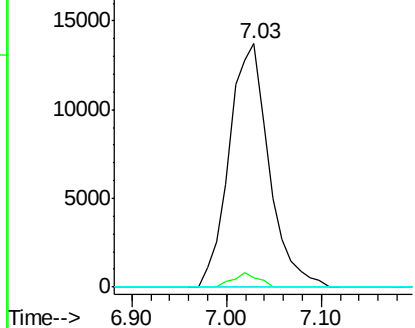


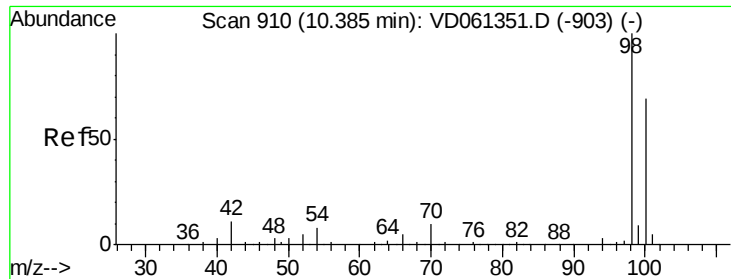
#38
 Carbon Tetrachloride
 Concen: 5.628 ug/l
 RT: 7.03 min Scan# 569
 Delta R.T. -0.06 min
 Lab File: VD061611.D
 Acq: 5 Apr 2019 8:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.0	80.1	120.1#
121	0.0	25.6	38.4#



Abundance Ion 116.85 (116.55 to 117.55): VDC
 Ion 118.85 (118.55 to 119.55): VDC
 Ion 120.85 (120.55 to 121.55): VDC





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.39 min Scan# 910

Delta R.T. 0.00 min

Lab File: VD061611.D

Acq: 5 Apr 2019 8:28

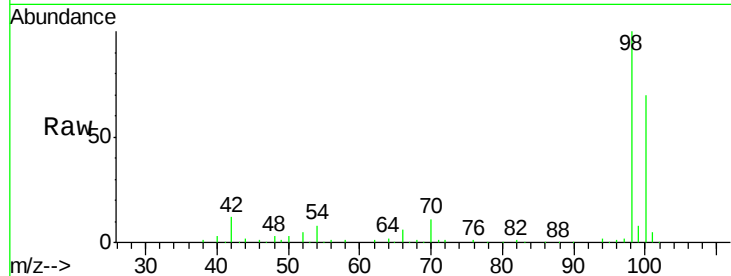
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 470056

Ion Ratio Lower Upper

98 100

100 69.7 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VD061611.D (-903) (-)

Ion 100.05 (99.75 to 100.75): VD061611.D (-903) (-)

10.39

200000

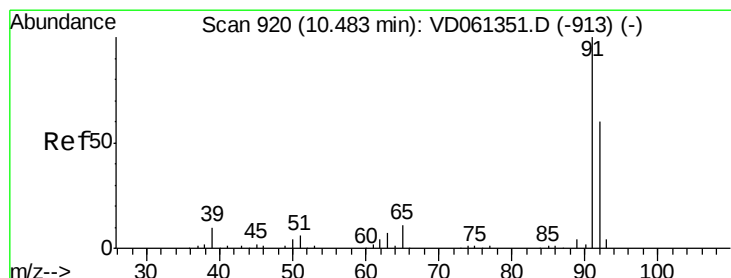
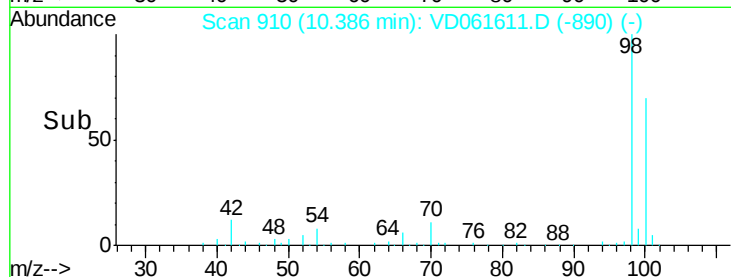
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 2.748 ug/l

RT: 10.48 min Scan# 920

Delta R.T. 0.00 min

Lab File: VD061611.D

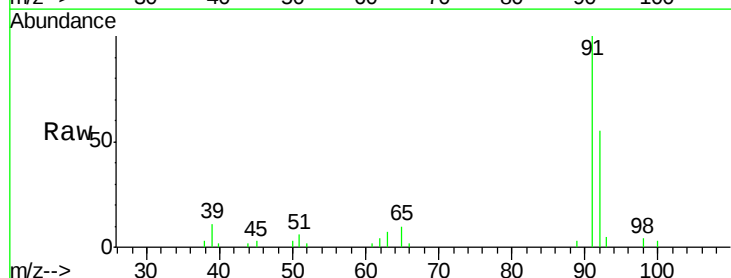
Acq: 5 Apr 2019 8:28

Tgt Ion: 92 Resp: 25949

Ion Ratio Lower Upper

92 100

91 181.2 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VD061611.D (-900) (-)

Ion 91.00 (90.70 to 91.70): VD061611.D (-900) (-)

10.48

20000

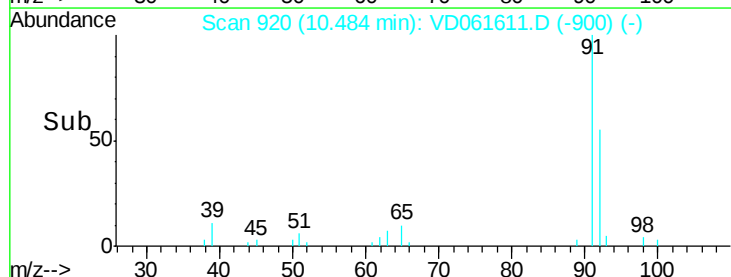
15000

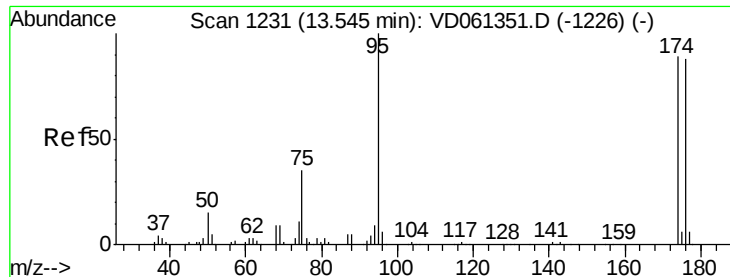
10000

5000

0

Time-->

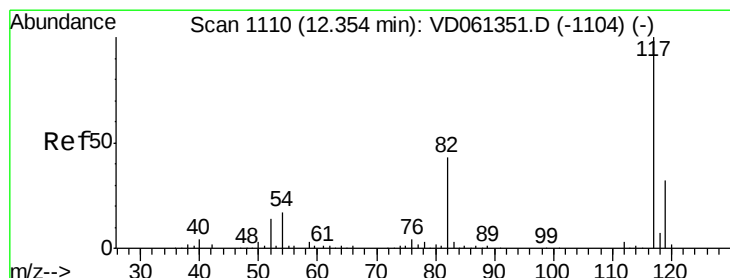
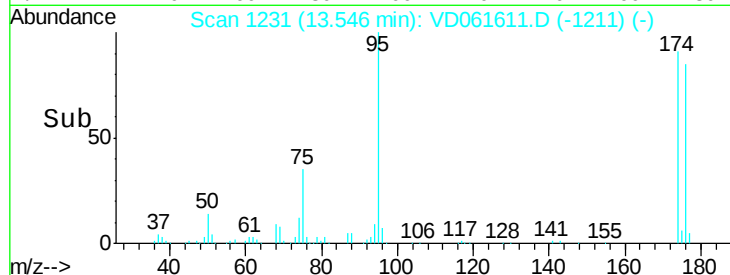
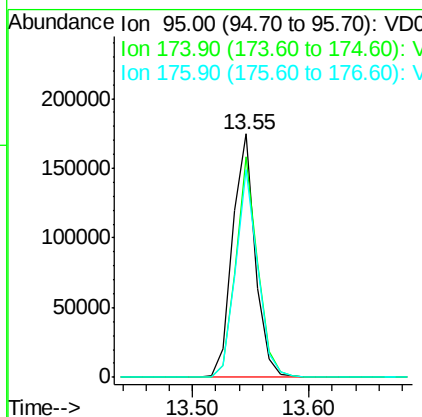
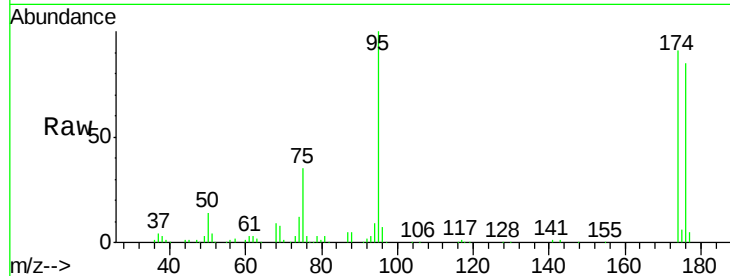




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VD061611.D
Acq: 5 Apr 2019 8:28

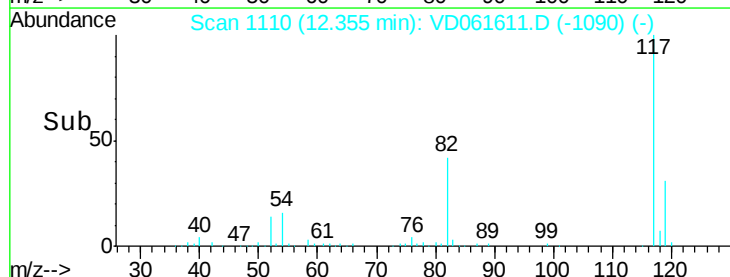
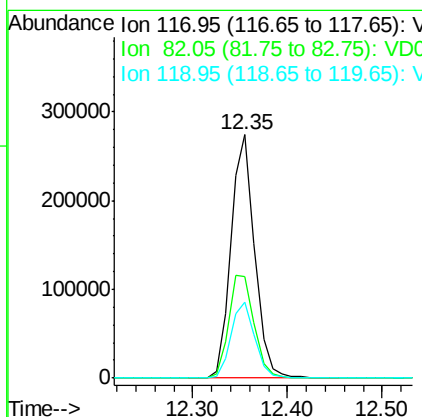
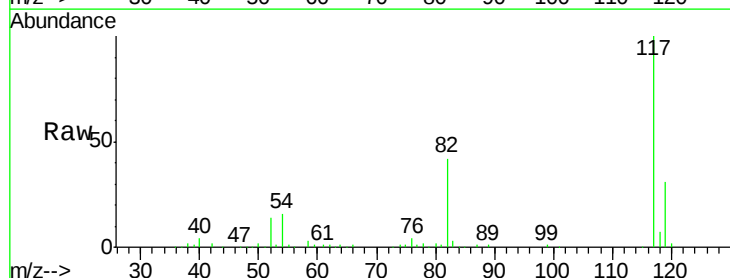
Instrument :
MSVOA_D
ClientSampleId :

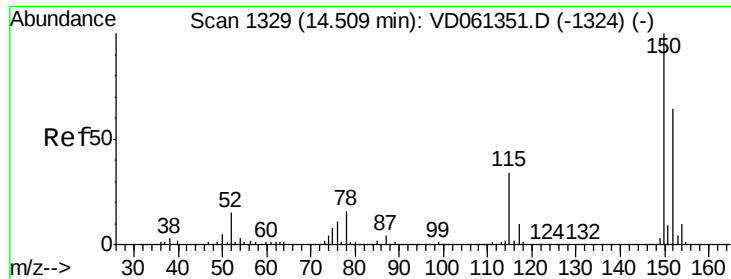
Tot Ion: 95 Resp: 234488
Ion Ratio Lower Upper
95 100
174 90.7 0.0 178.0
176 85.3 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VD061611.D
Acq: 5 Apr 2019 8:28

Tgt Ion: 117 Resp: 473691
Ion Ratio Lower Upper
117 100
82 41.9 34.4 51.6
119 31.2 25.8 38.6



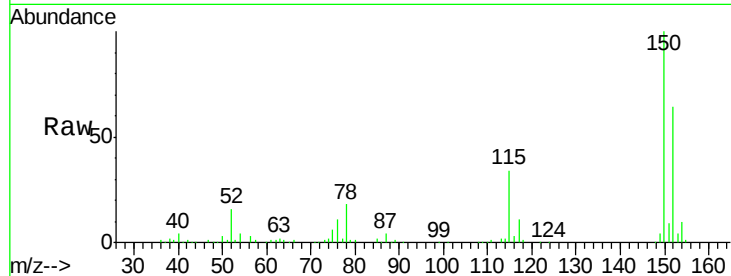


#72

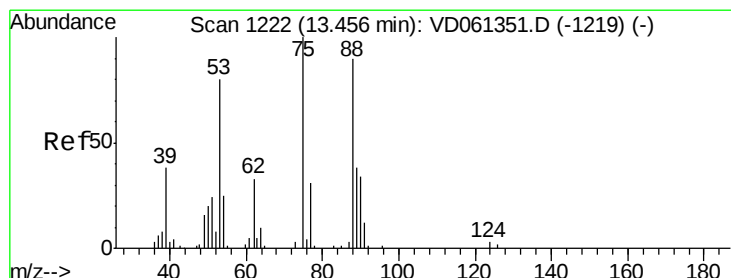
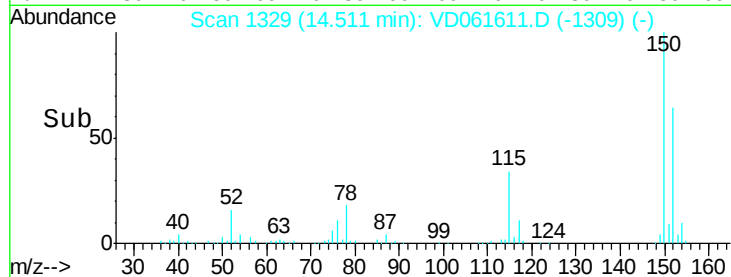
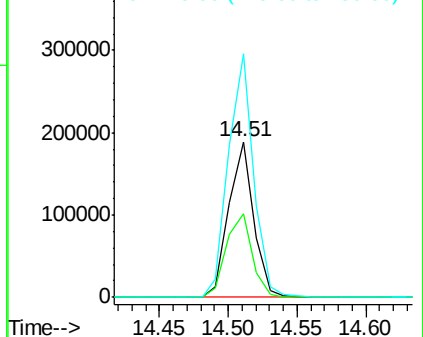
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. 0.00 min
Lab File: VD061611.D
Acq: 5 Apr 2019 8:28

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:152 Resp: 237149
Ion Ratio Lower Upper
152 100
115 53.3 26.9 80.6
150 156.2 0.0 318.0



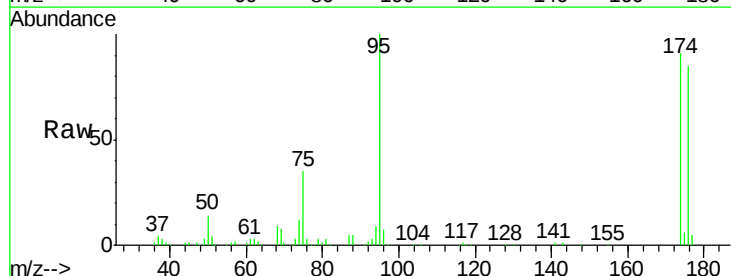
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



#81

trans-1,4-Dichloro-2-butene
Concen: 81.903 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. 0.09 min
Lab File: VD061611.D
Acq: 5 Apr 2019 8:28

Tgt Ion: 75 Resp: 85547
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.8#
89 0.0 30.5 45.7#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC

