

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032819\
 Data File : VD061403.D
 Acq On : 28 Mar 2019 20:55
 Operator : VA/AP
 Sample : K2011-01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20190142-COMPOSITE-A

Quant Time: Mar 29 01:22:16 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	363775	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	622049	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	398786	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	103602	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	196251	63.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.30%	
35) Dibromofluoromethane	6.91	113	277640	58.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.82%	
50) Toluene-d8	10.40	98	559380	49.06	ug/l	0.02
Spiked Amount 50.000			Recovery	=	98.12%	
62) 4-Bromofluorobenzene	13.55	95	154210	35.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.54%	

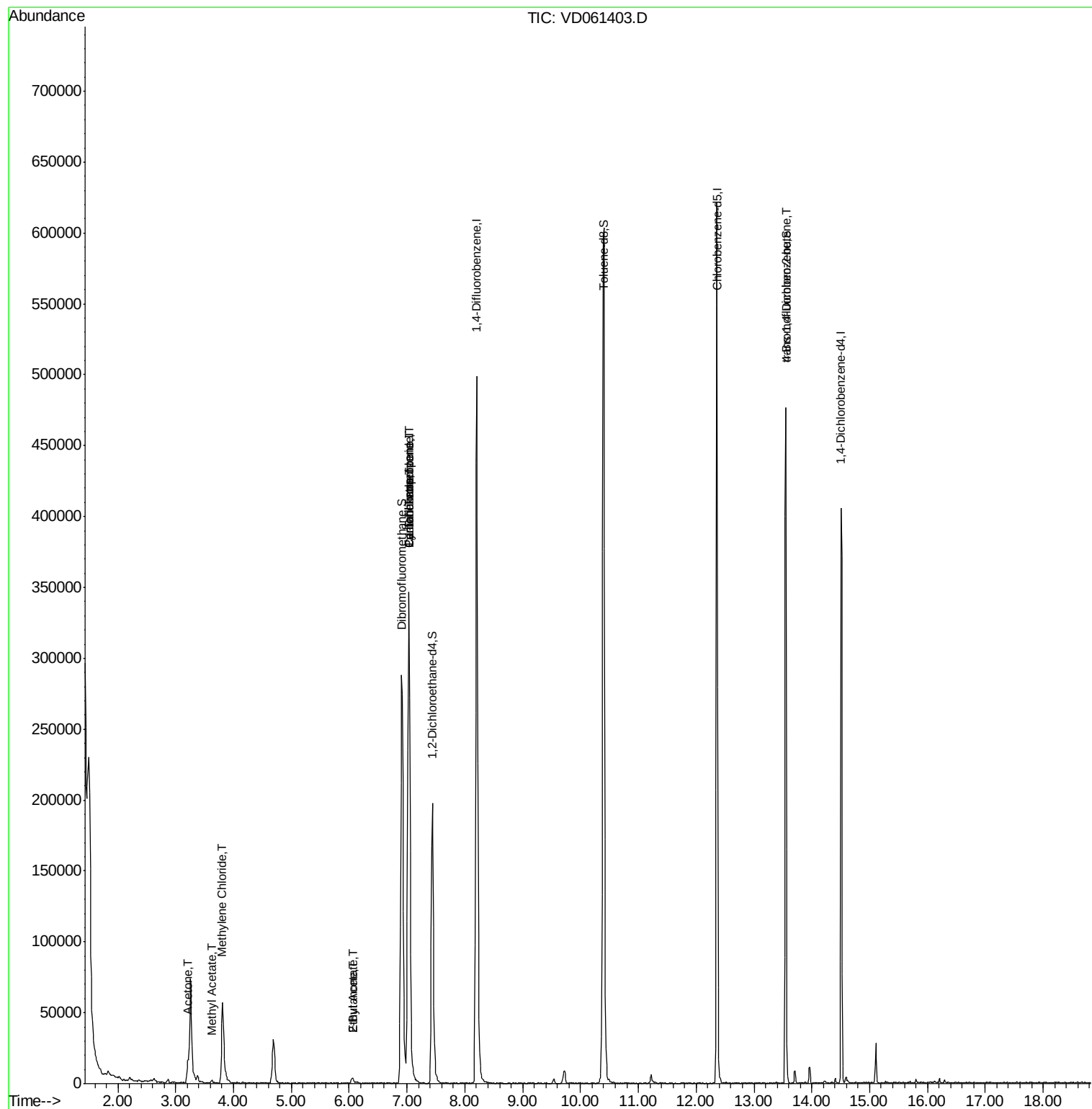
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.21	43	33518	41.959	ug/l	98
18) Methyl Acetate	3.64	43	3007	1.790	ug/l #	55
20) Methylene Chloride	3.81	84	47407	9.020	ug/l	97
25) 2-Butanone	6.06	43	10417	10.367	ug/l	96
31) Cyclohexane	7.02	56	5597	1.046	ug/l #	1
36) 1,1-Dichloropropene	7.02	75	26816	4.939	ug/l #	45
37) Ethyl Acetate	6.06	43	10417	4.486	ug/l #	65
38) Carbon Tetrachloride	7.03	117	35126	5.630	ug/l #	13
81) trans-1,4-Dichloro-2-buten	13.54	75	55947	122.610	ug/l #	18

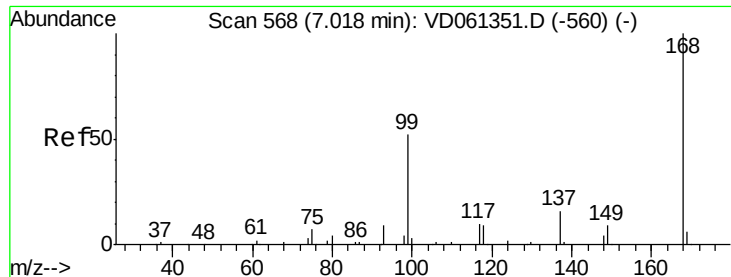
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032819\
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Instrument :
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Quant Time: Mar 29 01:22:16 2019
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# 570

Delta R.T. 0.02 min

Lab File: VD061403.D

Acq: 28 Mar 2019 20:55

Instrument :

MSVOA_D

ClientSampleId :

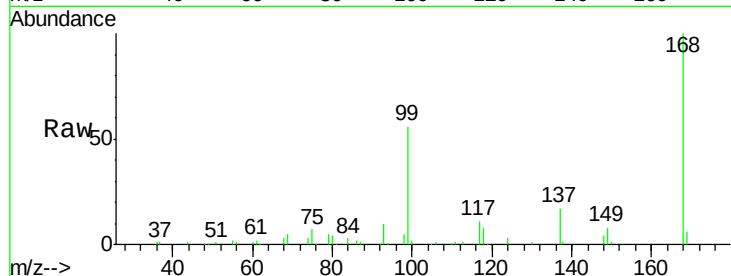
20190142-COMPOSITE-A

Tot Ion:168 Resp: 363775

Ion Ratio Lower Upper

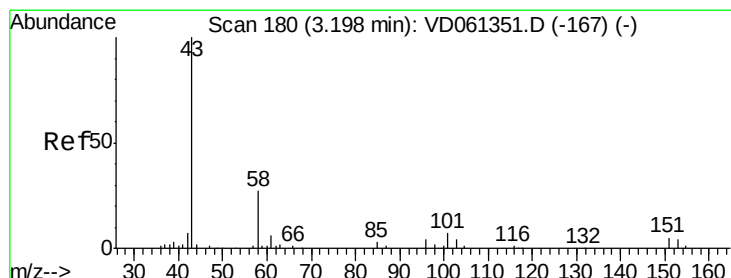
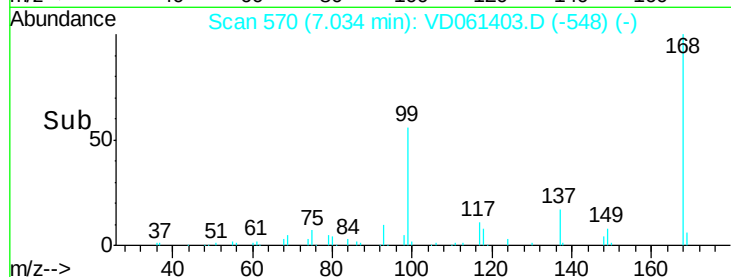
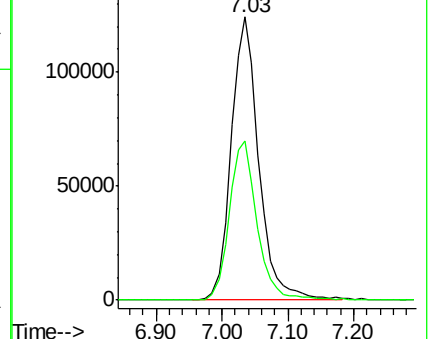
168 100

99 56.2 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: 41.959 ug/l

RT: 3.21 min Scan# 182

Delta R.T. 0.02 min

Lab File: VD061403.D

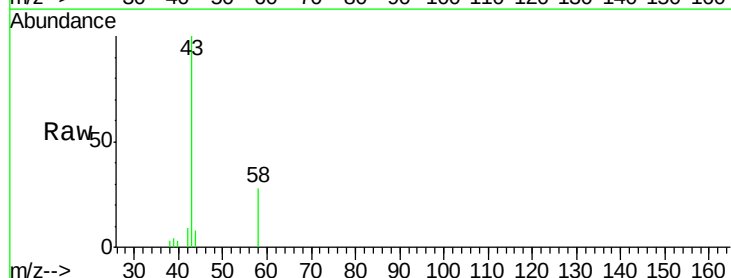
Acq: 28 Mar 2019 20:55

Tgt Ion: 43 Resp: 33518

Ion Ratio Lower Upper

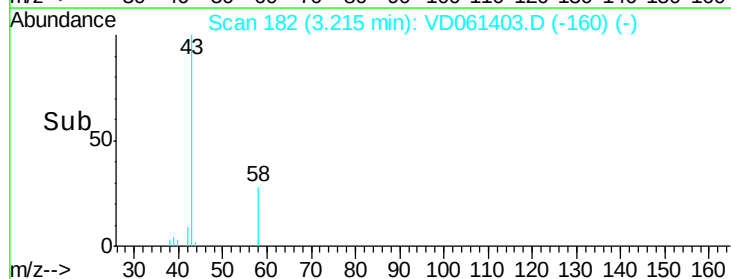
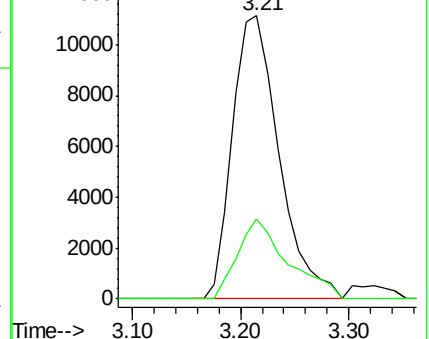
43 100

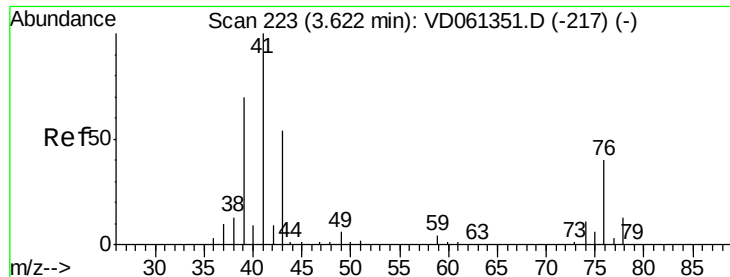
58 28.0 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

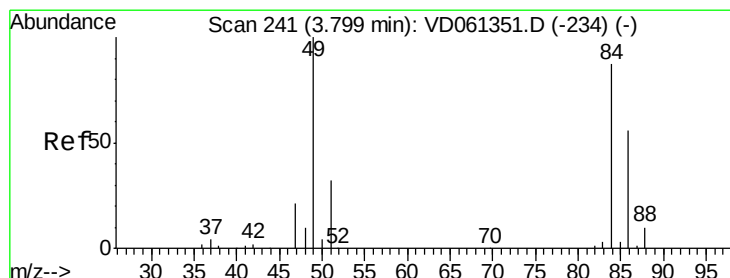
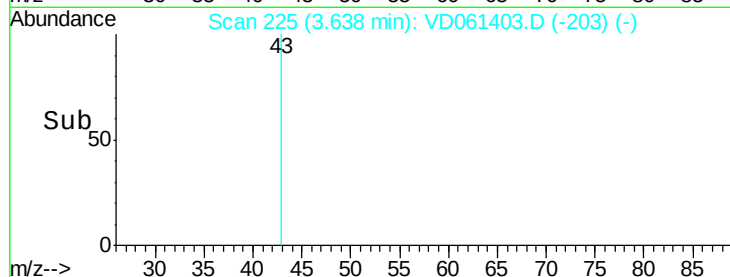
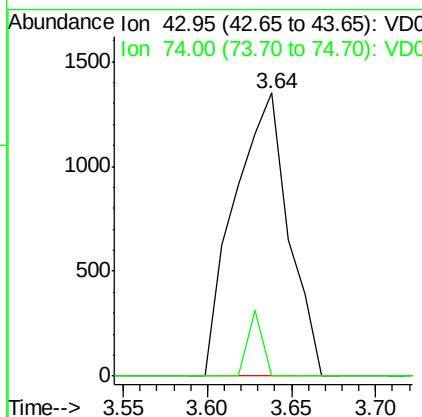
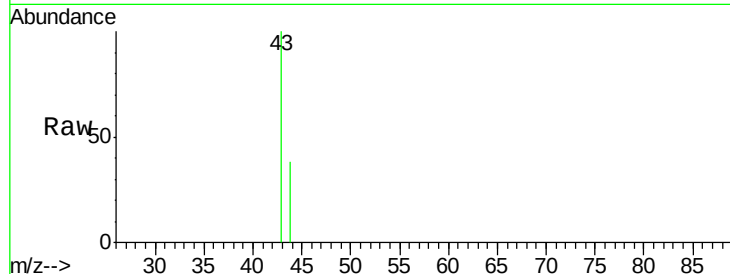




#18
Methyl Acetate
Concen: 1.790 ug/l
RT: 3.64 min Scan# 225
Delta R.T. 0.02 min
Lab File: VD061403.D
Acq: 28 Mar 2019 20:55

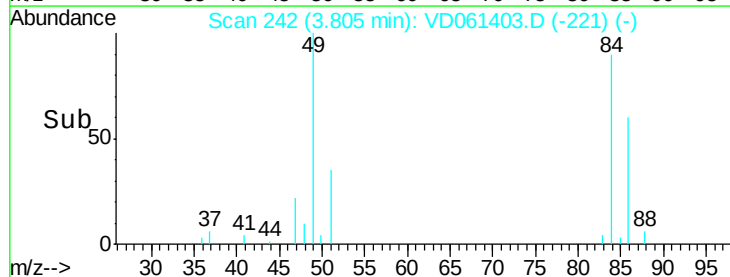
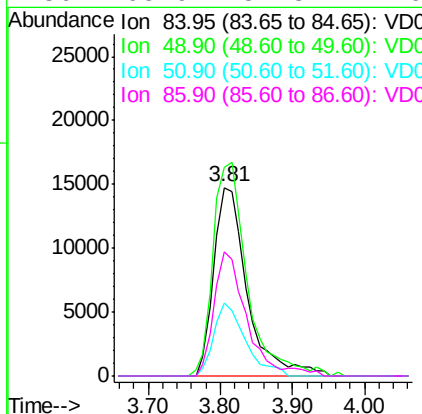
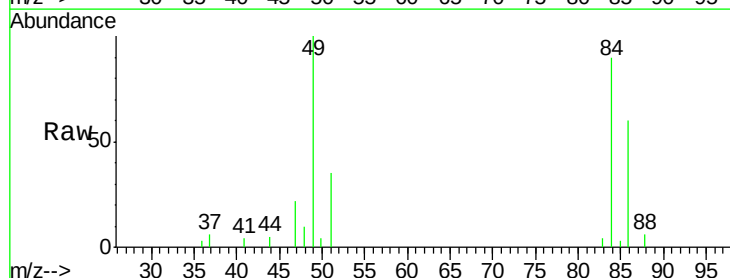
Instrument :
MSVOA_D
ClientSampleId :
20190142-COMPOSITE-A

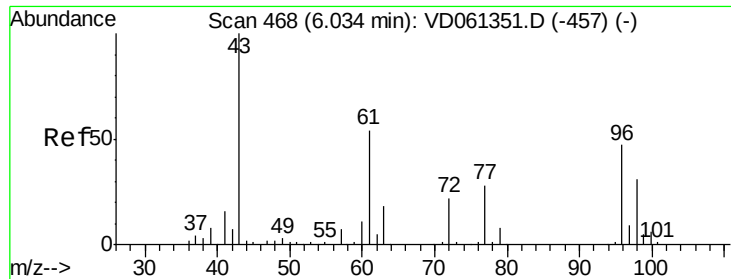
Tot Ion: 43 Resp: 3007
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 9.020 ug/l
RT: 3.81 min Scan# 242
Delta R.T. 0.01 min
Lab File: VD061403.D
Acq: 28 Mar 2019 20:55

Tgt Ion: 84 Resp: 47407
Ion Ratio Lower Upper
84 100
49 110.7 91.8 137.8
51 38.7 29.8 44.8
86 65.9 51.8 77.6





#25

2-Butanone

Concen: 10.367 ug/l

RT: 6.06 min Scan# 471

Delta R.T. 0.03 min

Lab File: VD061403.D

Acq: 28 Mar 2019 20:55

Instrument :

MSVOA_D

ClientSampleId :

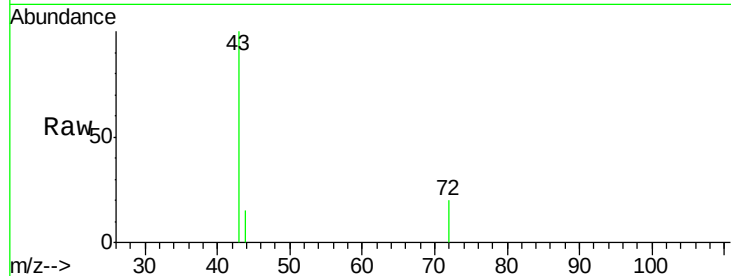
20190142-COMPOSITE-A

Tot Ion: 43 Resp: 10417

Ion Ratio Lower Upper

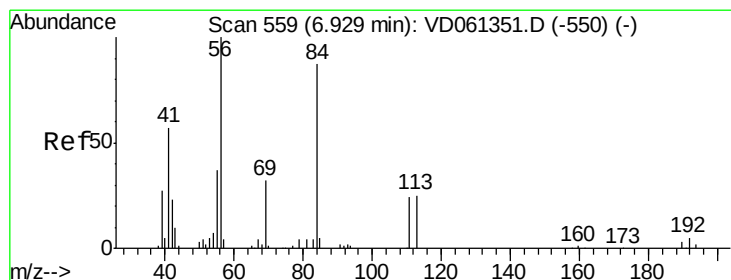
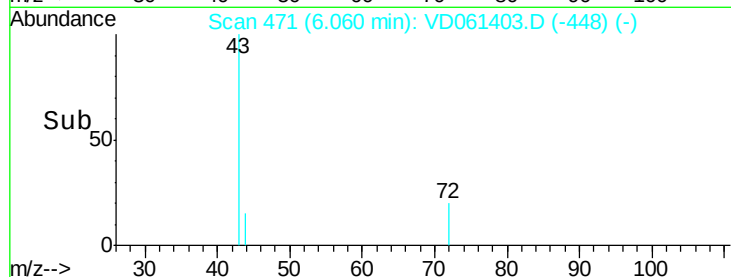
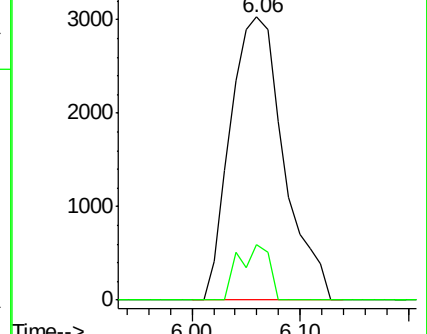
43 100

72 19.7 17.2 25.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#31

Cyclohexane

Concen: 1.046 ug/l

RT: 7.02 min Scan# 569

Delta R.T. 0.10 min

Lab File: VD061403.D

Acq: 28 Mar 2019 20:55

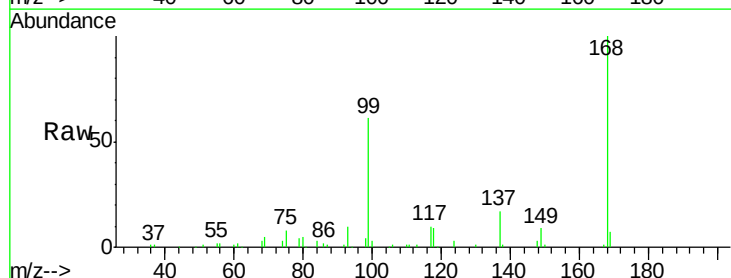
Tgt Ion: 56 Resp: 5597

Ion Ratio Lower Upper

56 100

69 246.5 25.7 38.5#

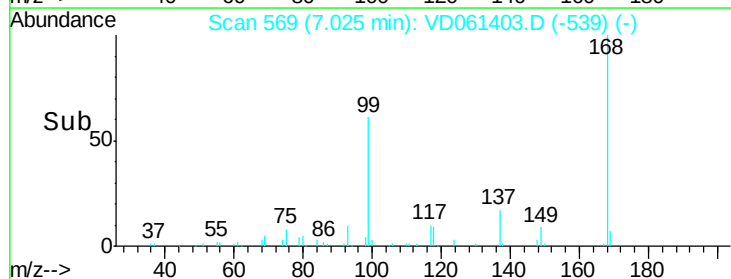
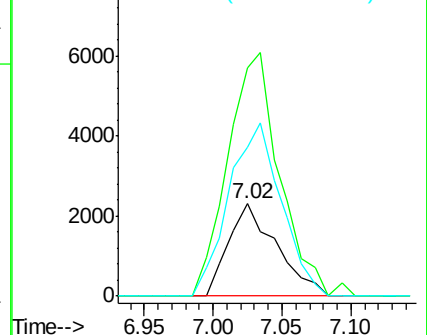
84 160.8 70.6 105.8#

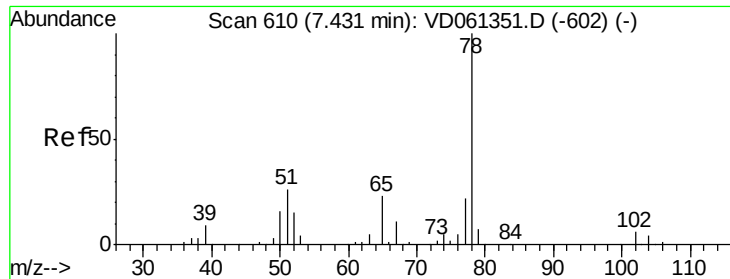


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

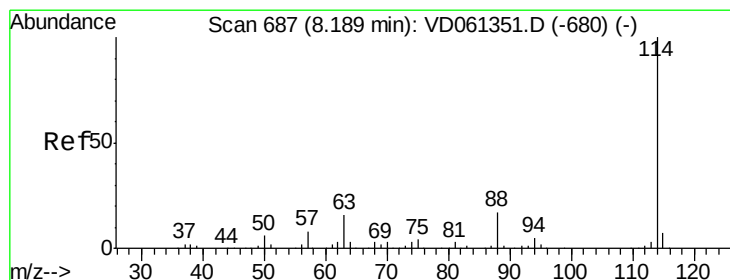
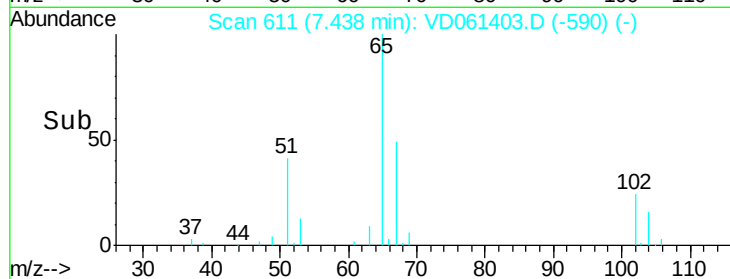
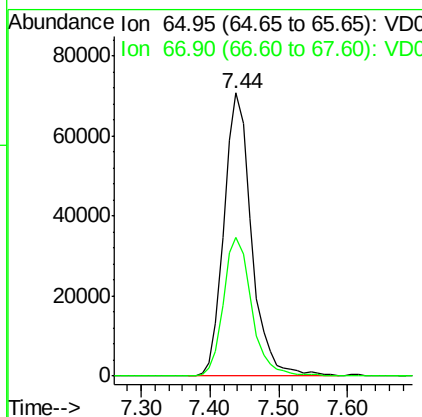
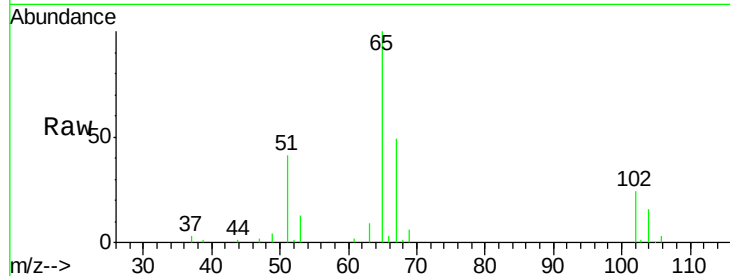




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: VD061403.D
 Acq: 28 Mar 2019 20:55

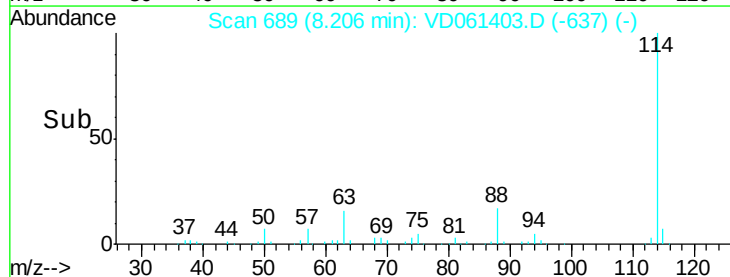
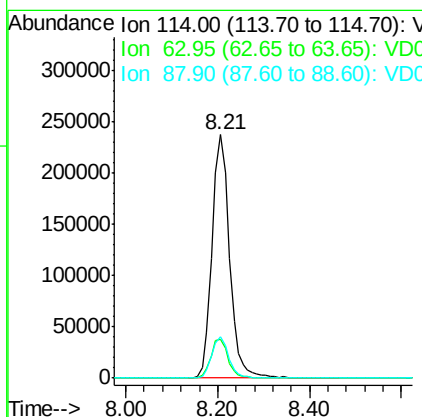
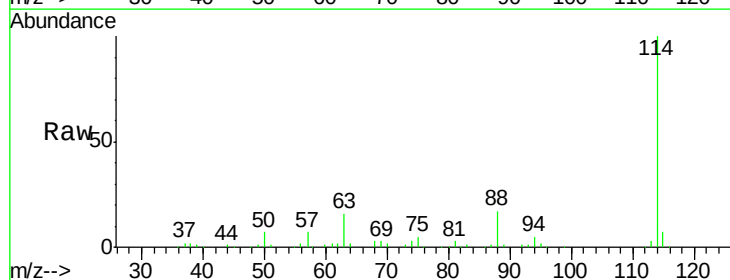
Instrument :
 MSVOA_D
 ClientSampleId :
 20190142-COMPOSITE-A

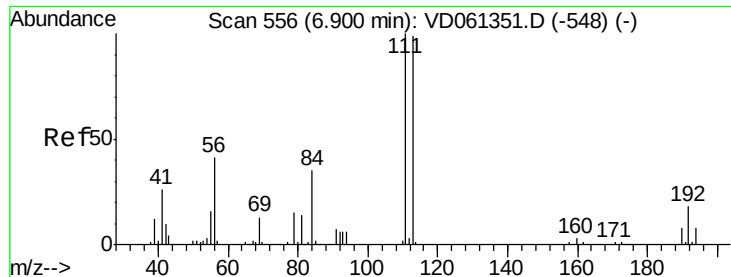
Tot Ion: 65 Resp: 196251
 Ion Ratio Lower Upper
 65 100
 67 48.8 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.02 min
 Lab File: VD061403.D
 Acq: 28 Mar 2019 20:55

Tgt Ion: 114 Resp: 622049
 Ion Ratio Lower Upper
 114 100
 63 15.7 0.0 31.6
 88 17.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.91 min Scan# 557

Delta R.T. 0.01 min

Lab File: VD061403.D

Acq: 28 Mar 2019 20:55

Instrument :

MSVOA_D

ClientSampleId :

20190142-COMPOSITE-A

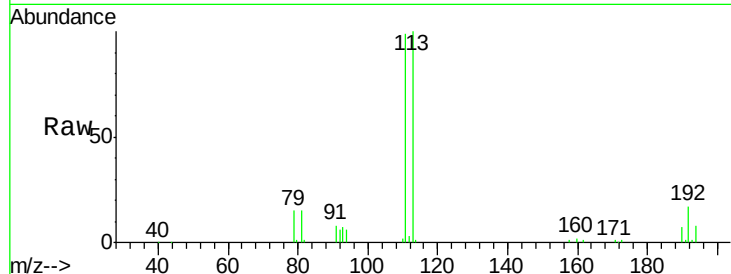
Tot Ion:113 Resp: 277640

Ion Ratio Lower Upper

113 100

111 99.2 81.0 121.6

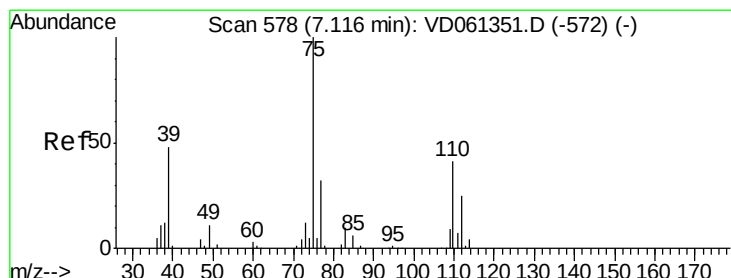
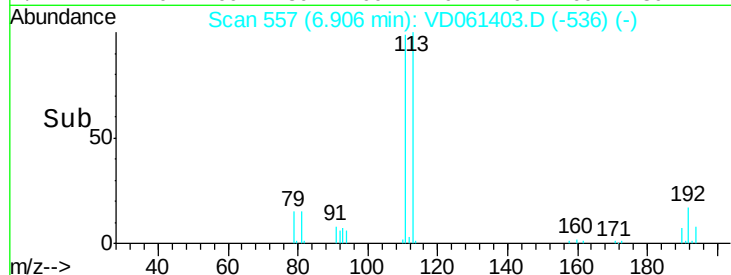
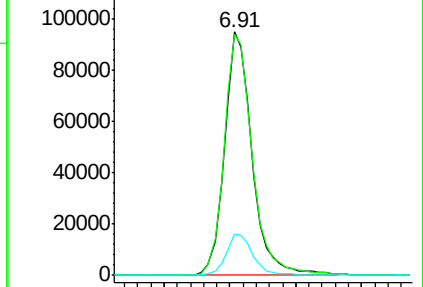
192 16.8 14.4 21.6



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: 4.939 ug/l

RT: 7.02 min Scan# 569

Delta R.T. -0.09 min

Lab File: VD061403.D

Acq: 28 Mar 2019 20:55

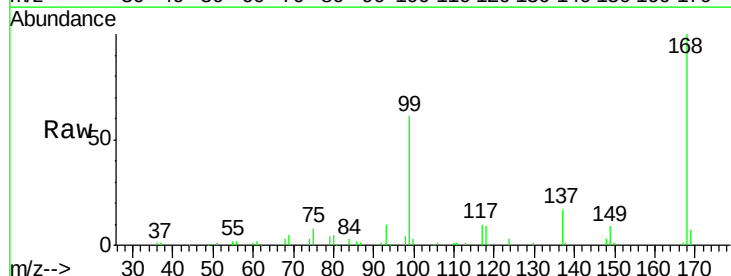
Tgt Ion: 75 Resp: 26816

Ion Ratio Lower Upper

75 100

110 7.5 20.4 61.3#

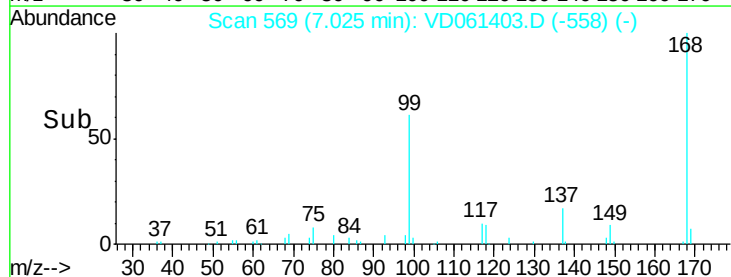
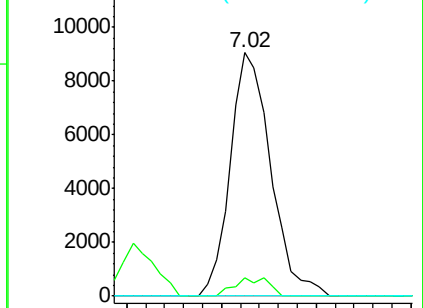
77 0.0 24.9 37.3#

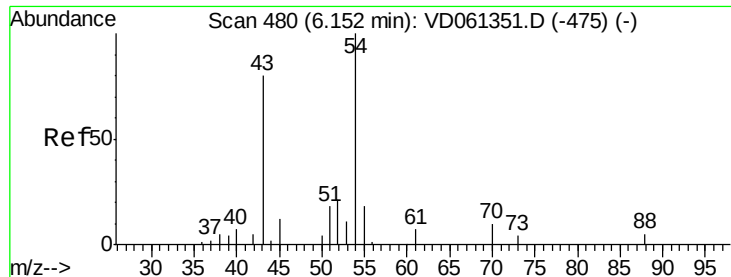


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): VDC

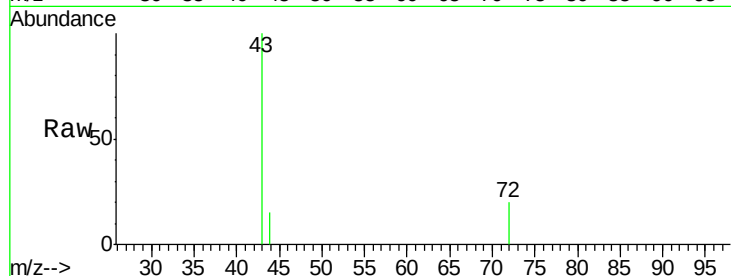




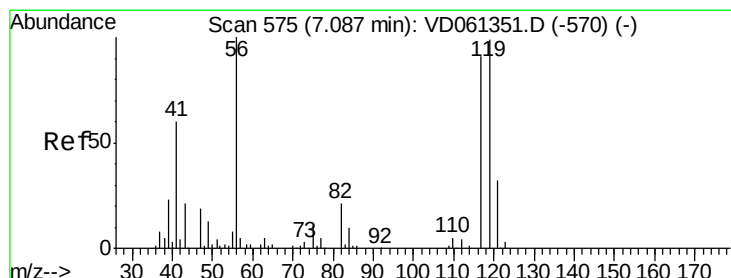
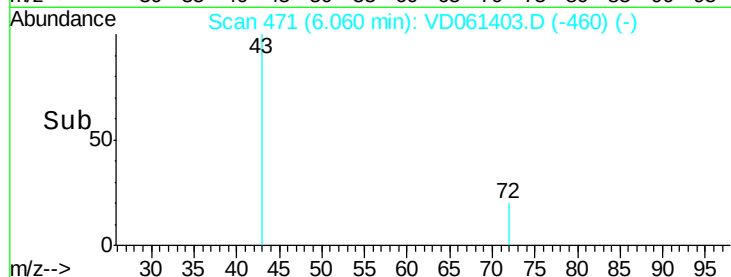
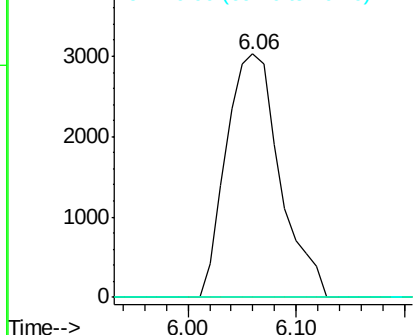
#37
Ethyl Acetate
Concen: 4.486 ug/l
RT: 6.06 min Scan# 471
Delta R.T. -0.09 min
Lab File: VD061403.D
Acq: 28 Mar 2019 20:55

Instrument :
MSVOA_D
ClientSampleId :
20190142-COMPOSITE-A

Tot Ion: 43 Resp: 10417
Ion Ratio Lower Upper
43 100
61 0.0 13.8 20.8#
70 0.0 7.8 11.8#

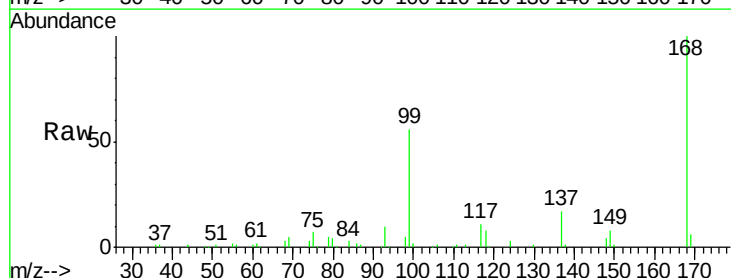


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

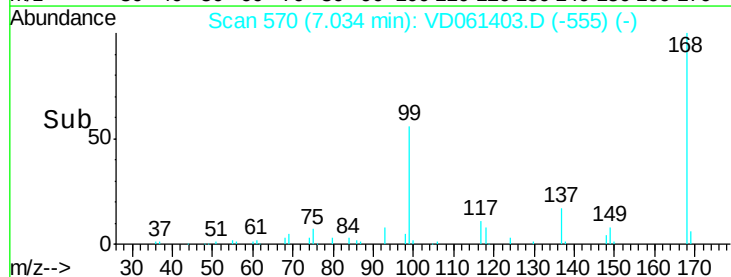
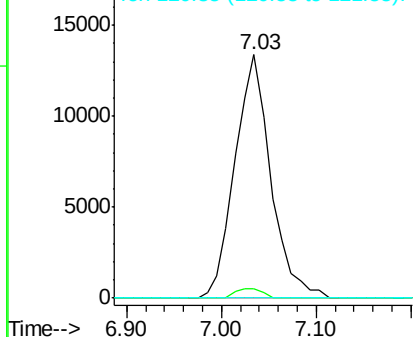


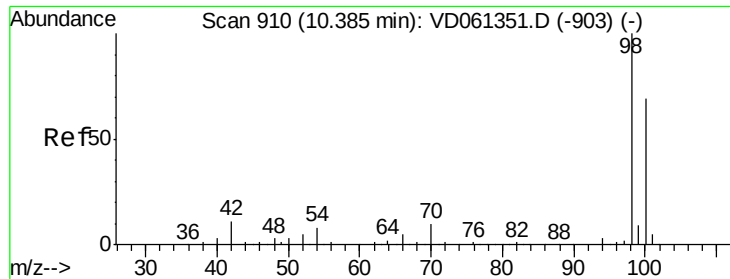
#38
Carbon Tetrachloride
Concen: 5.630 ug/l
RT: 7.03 min Scan# 570
Delta R.T. -0.05 min
Lab File: VD061403.D
Acq: 28 Mar 2019 20:55

Tgt Ion: 117 Resp: 35126
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): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.02 min

Lab File: VD061403.D

Acq: 28 Mar 2019 20:55

Instrument :

MSVOA_D

ClientSampleId :

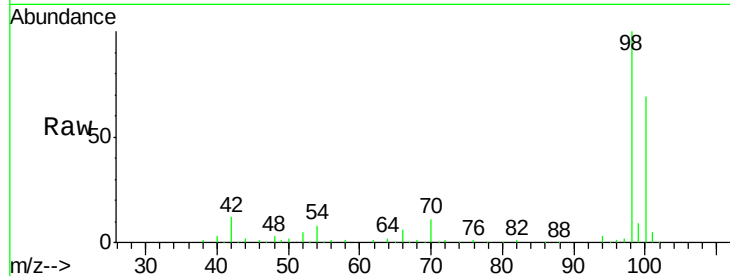
20190142-COMPOSITE-A

Tot Ion: 98 Resp: 559380

Ion Ratio Lower Upper

98 100

100 68.8 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)

Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

10.40

250000

200000

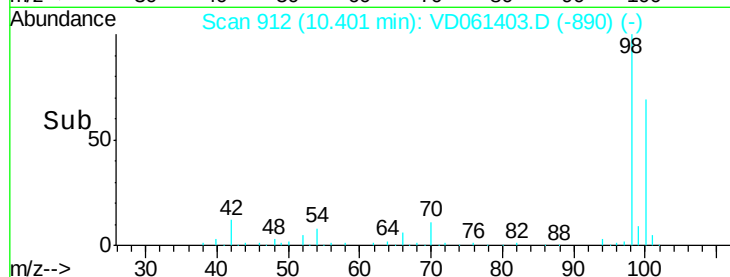
150000

100000

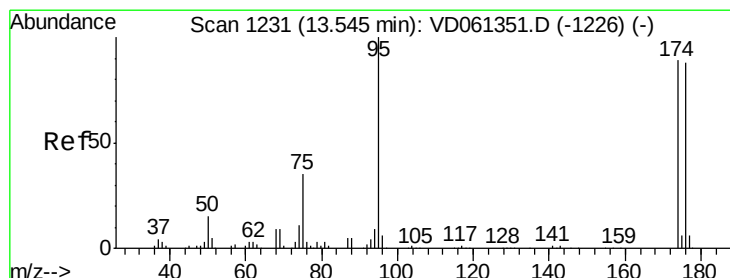
50000

0

Time-->



Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD061403.D

Acq: 28 Mar 2019 20:55

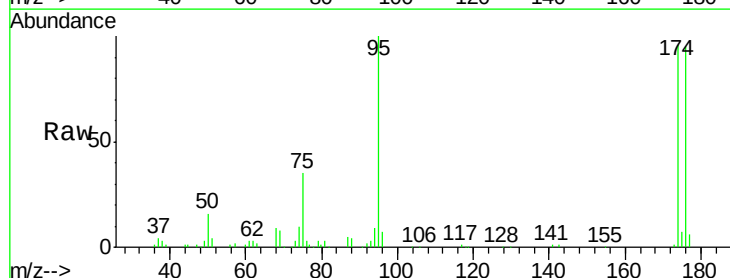
Tgt Ion: 95 Resp: 154210

Ion Ratio Lower Upper

95 100

174 95.7 0.0 178.0

176 94.8 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): VD061351.D (-1226) (-)

Ion 173.90 (173.60 to 174.60): VD061351.D (-1226) (-)

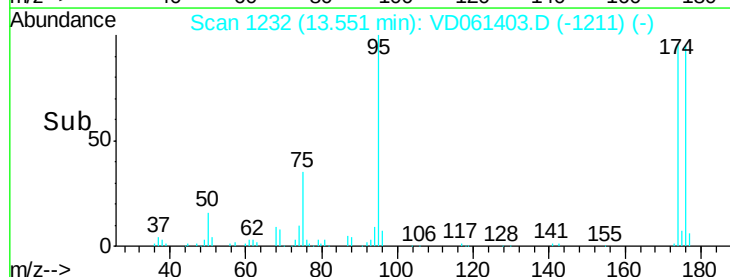
Ion 175.90 (175.60 to 176.60): VD061351.D (-1226) (-)

100000

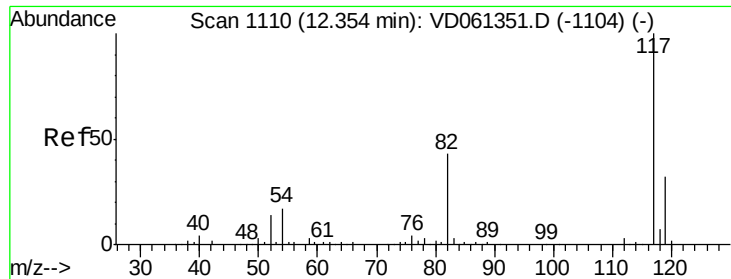
50000

0

Time-->



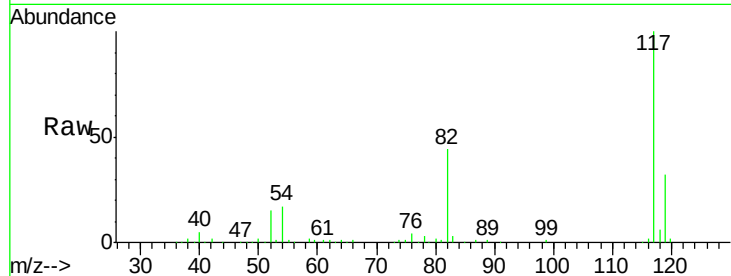
Time-->



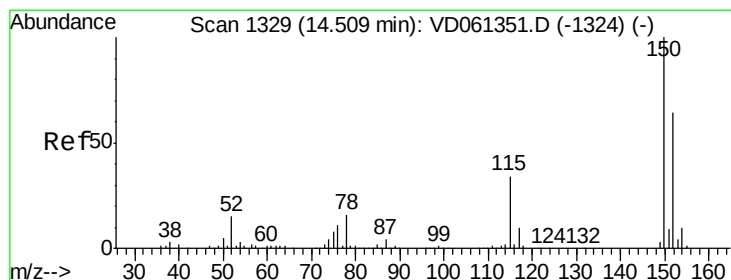
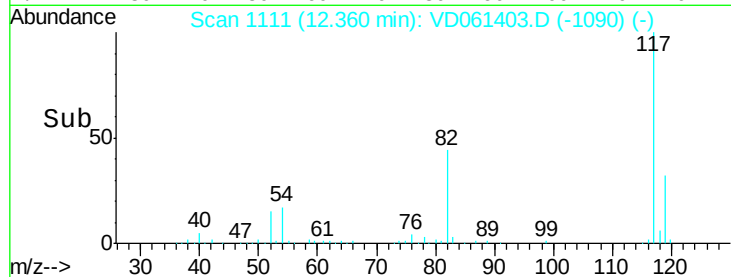
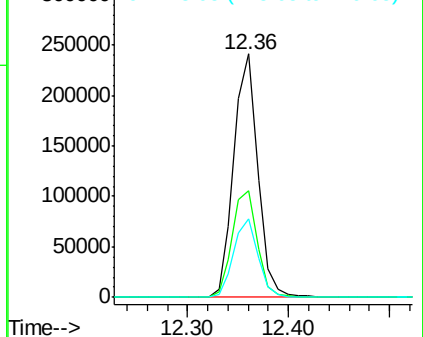
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061403.D
Acq: 28 Mar 2019 20:55

Instrument :
MSVOA_D
ClientSampleId :
20190142-COMPOSITE-A

Tot Ion:117 Resp: 398786
Ion Ratio Lower Upper
117 100
82 43.7 34.4 51.6
119 32.3 25.8 38.6

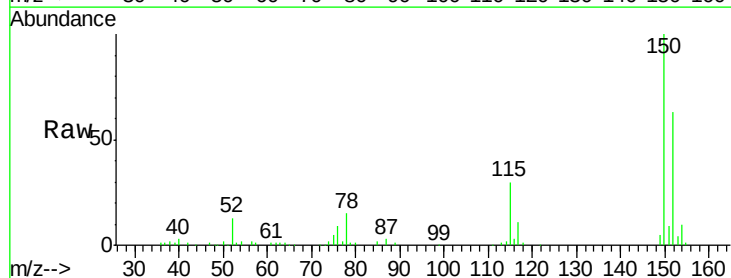


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

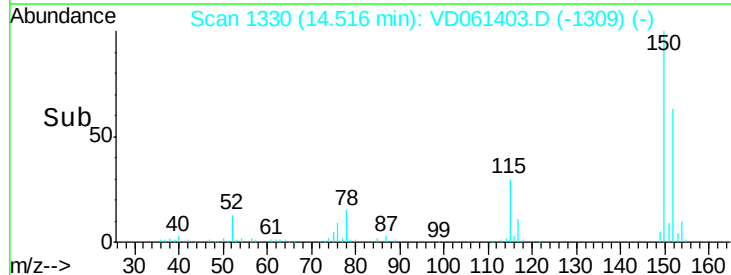
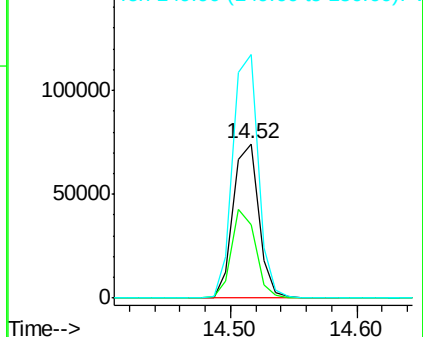


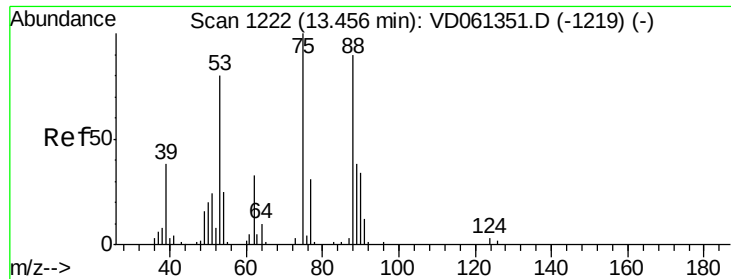
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD061403.D
Acq: 28 Mar 2019 20:55

Tgt Ion:152 Resp: 103602
Ion Ratio Lower Upper
152 100
115 47.4 26.9 80.6
150 157.9 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: 122.610 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.09 min

Lab File: VD061403.D

Acq: 28 Mar 2019 20:55

Instrument :

MSVOA_D

ClientSampleId :

20190142-COMPOSITE-A

Tot Ion: 75 Resp: 55947

Ion Ratio Lower Upper

75 100

53 0.0 63.8 95.8#

89 0.0 30.5 45.7#

