

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032819\
 Data File : VD061398.D
 Acq On : 28 Mar 2019 18:37
 Operator : VA/AP
 Sample : K2097-02RE
 Misc : 3.05µl/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-21RE

Quant Time: Mar 29 01:21:24 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

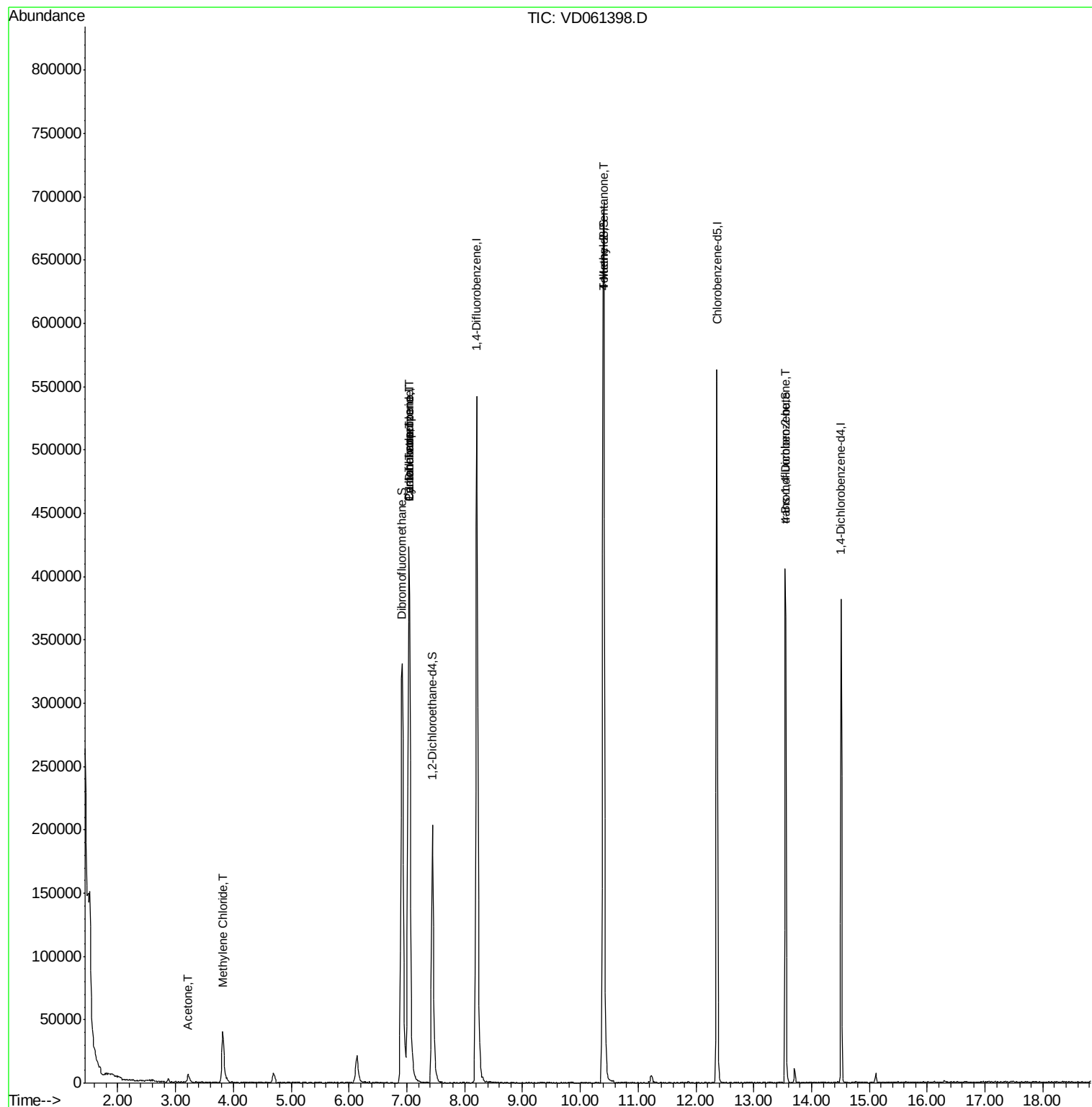
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	460300	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	696363	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	392965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	87612	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	191052	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
35) Dibromofluoromethane	6.92	113	331617	62.32	ug/l	0.02
Spiked Amount	50.000		Recovery	=	124.64%	
50) Toluene-d8	10.40	98	647569	50.74	ug/l	0.02
Spiked Amount	50.000		Recovery	=	101.48%	
62) 4-Bromofluorobenzene	13.54	95	135857	27.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	55.52%	
Target Compounds						
16) Acetone	3.22	43	13136	12.996	ug/l	100
20) Methylene Chloride	3.82	84	32159	3.909	ug/l	96
31) Cyclohexane	7.04	56	6968	1.029	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	32118	5.285	ug/l #	46
38) Carbon Tetrachloride	7.04	117	42508	6.087	ug/l #	14
51) 4-Methyl-2-Pentanone	10.40	43	2349	1.021	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.54	75	49841	129.163	ug/l #	18

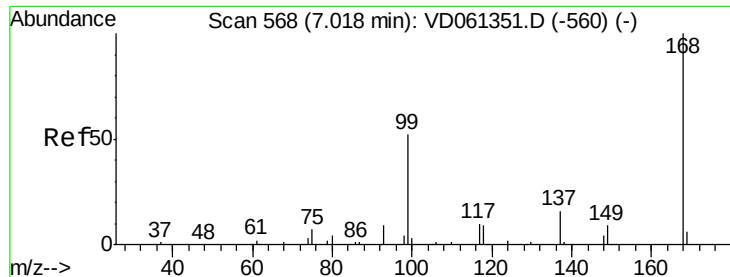
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032819\
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CS-21RE

Quant Time: Mar 29 01:21:24 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: 7.04 min Scan# 570

Delta R.T. 0.02 min

Lab File: VD061398.D

Acq: 28 Mar 2019 18:37

Instrument :

MSVOA_D

ClientSampleId :

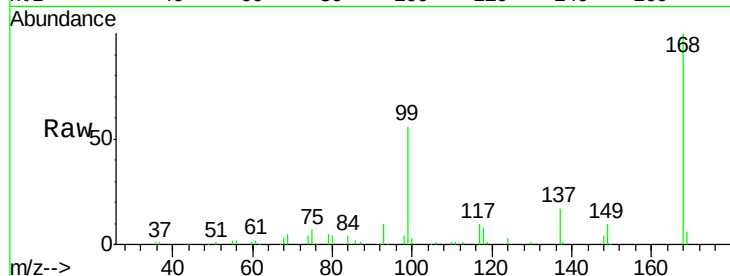
CS-21RE

Tot Ion:168 Resp: 460300

Ion Ratio Lower Upper

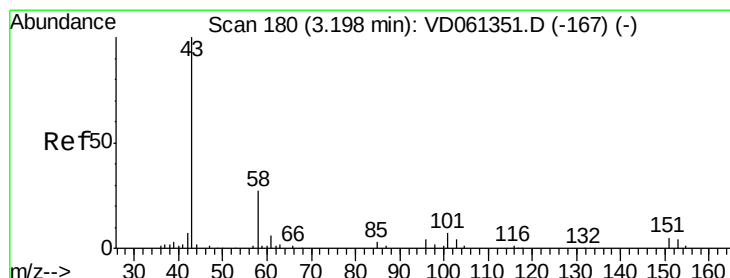
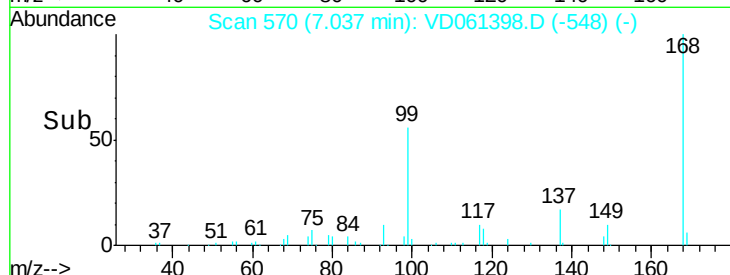
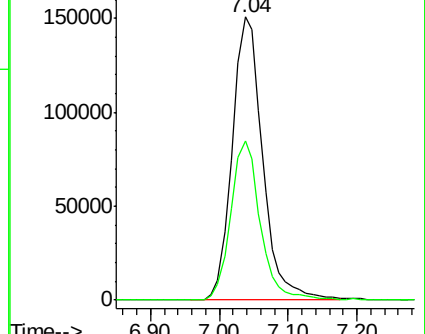
168 100

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: 12.996 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.02 min

Lab File: VD061398.D

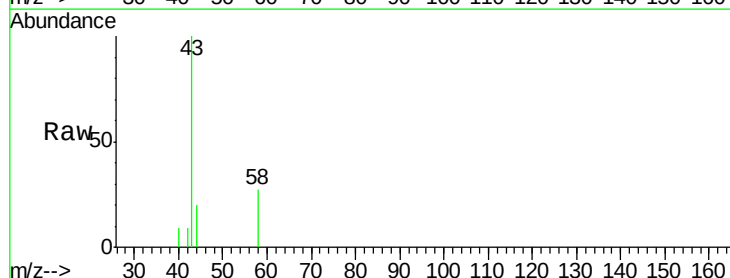
Acq: 28 Mar 2019 18:37

Tgt Ion: 43 Resp: 13136

Ion Ratio Lower Upper

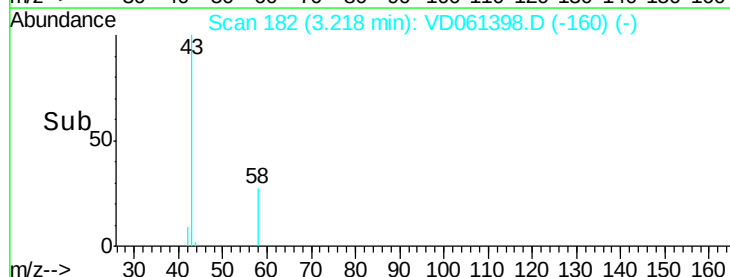
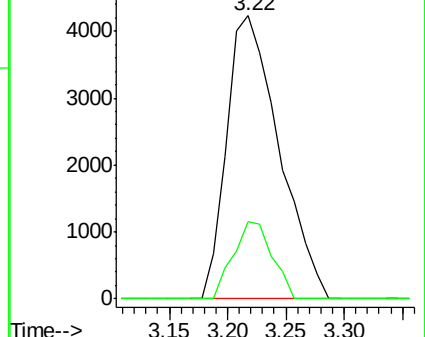
43 100

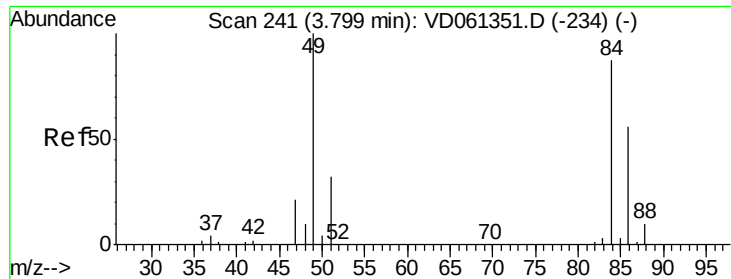
58 27.2 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

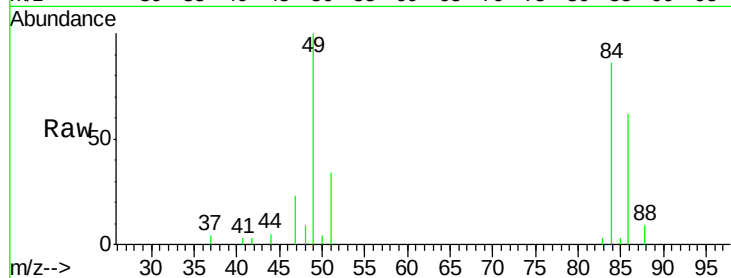




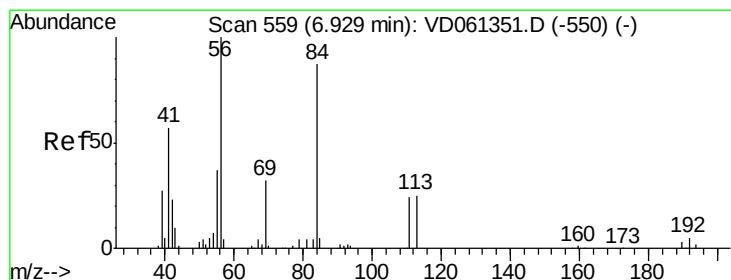
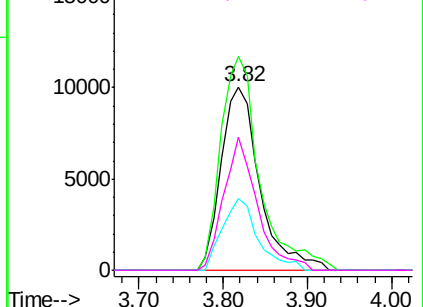
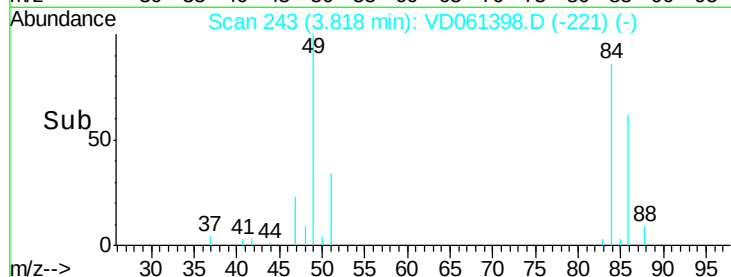
#20
Methylene Chloride
Concen: 3.909 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD061398.D
Acq: 28 Mar 2019 18:37

Instrument :
MSVOA_D
ClientSampleId :
CS-21RE

Tot Ion: 84 Resp: 32159
Ion Ratio Lower Upper
84 100
49 116.5 91.8 137.8
51 39.1 29.8 44.8
86 72.8 51.8 77.6

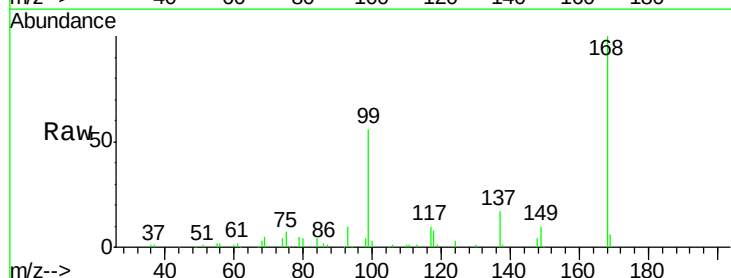


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

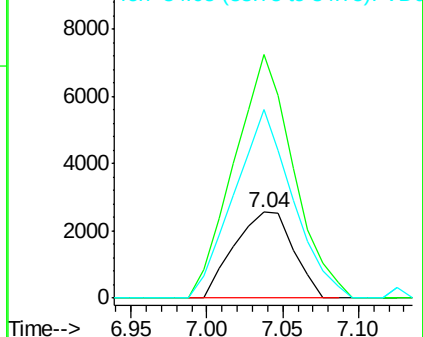
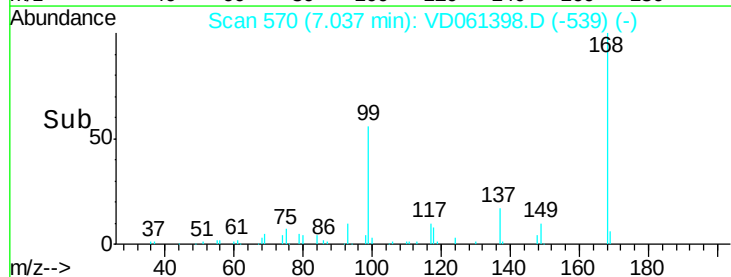


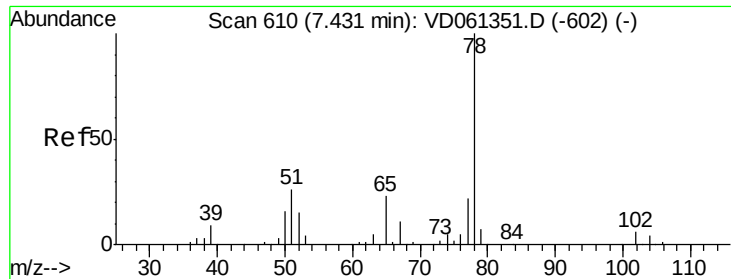
#31
Cyclohexane
Concen: 1.029 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.11 min
Lab File: VD061398.D
Acq: 28 Mar 2019 18:37

Tgt Ion: 56 Resp: 6968
Ion Ratio Lower Upper
56 100
69 283.5 25.7 38.5#
84 219.6 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

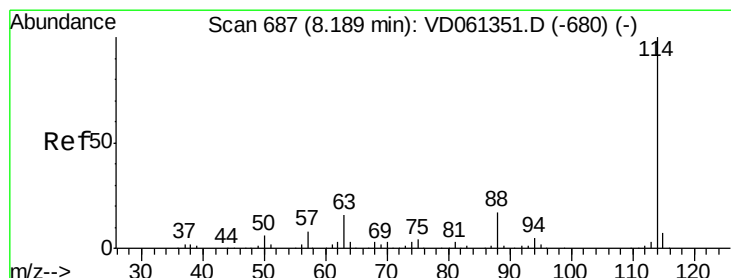
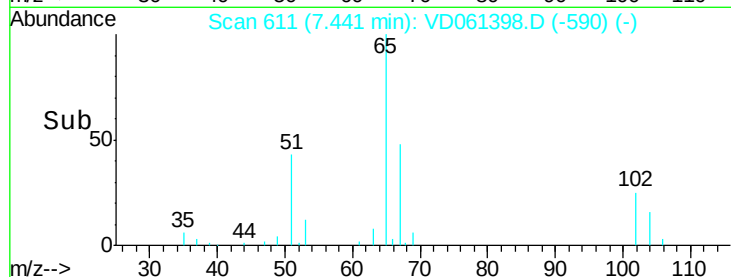
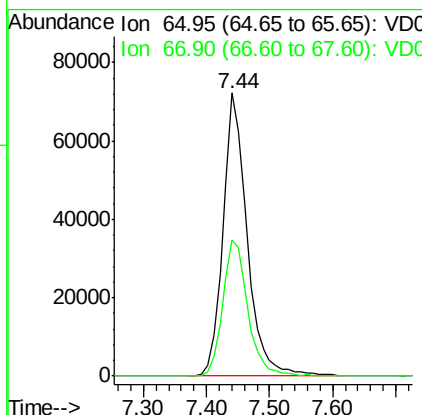
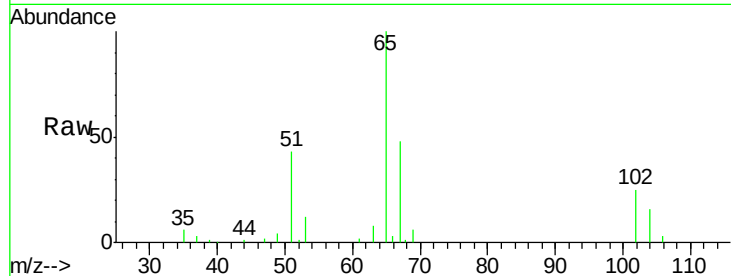




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: VD061398.D
 Acq: 28 Mar 2019 18:37

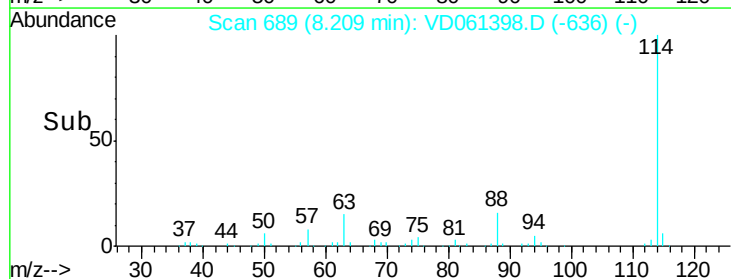
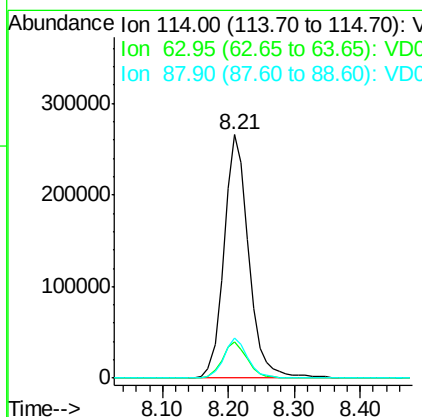
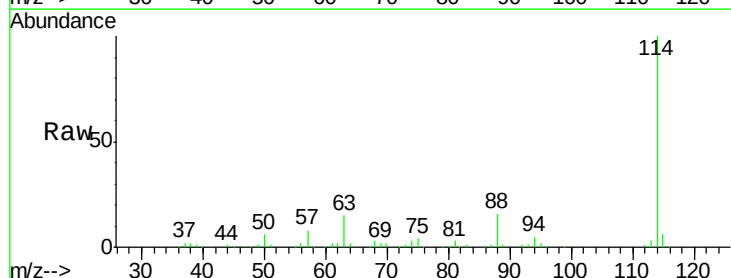
Instrument :
 MSVOA_D
 ClientSampleId :
 CS-21RE

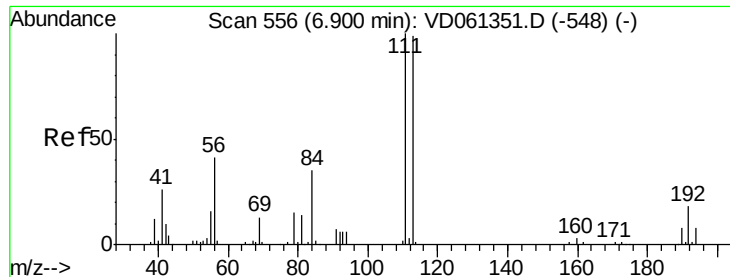
Tot Ion: 65 Resp: 191052
 Ion Ratio Lower Upper
 65 100
 67 47.9 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.02 min
 Lab File: VD061398.D
 Acq: 28 Mar 2019 18:37

Tgt Ion: 114 Resp: 696363
 Ion Ratio Lower Upper
 114 100
 63 14.8 0.0 31.6
 88 16.3 0.0 33.4

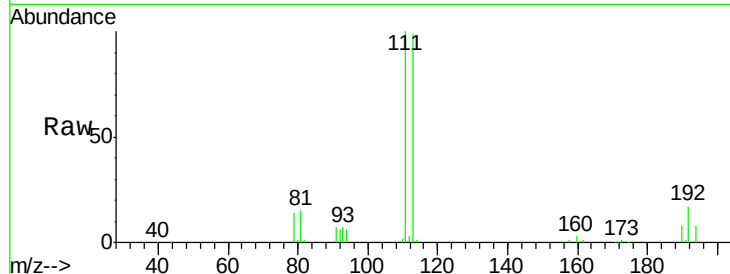




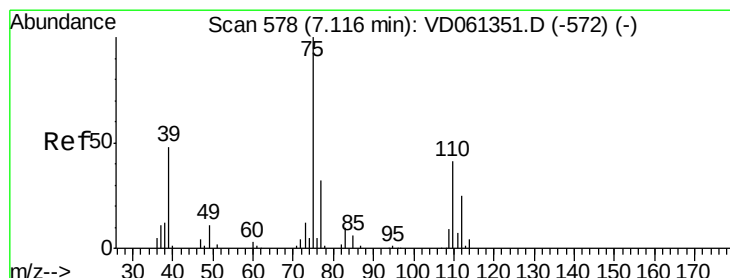
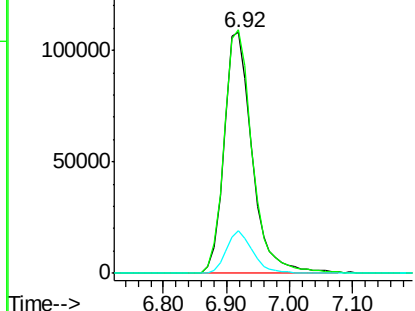
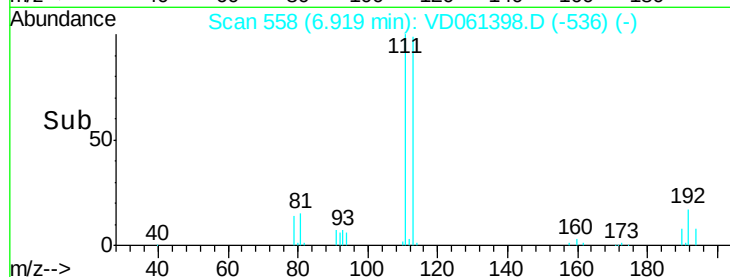
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.92 min Scan# 558
Delta R.T. 0.02 min
Lab File: VD061398.D
Acq: 28 Mar 2019 18:37

Instrument :
MSVOA_D
ClientSampleId :
CS-21RE

Tot Ion:113 Resp: 331617
Ion Ratio Lower Upper
113 100
111 101.2 81.0 121.6
192 17.7 14.4 21.6

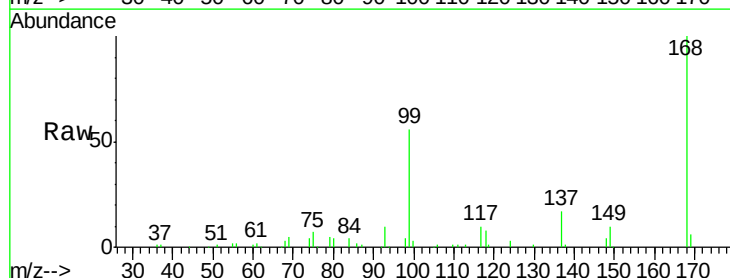


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

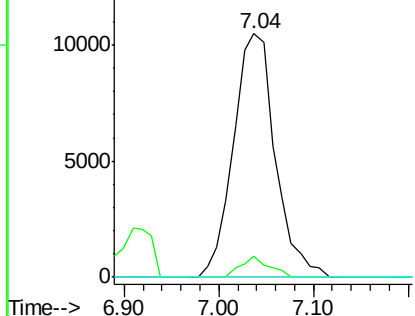
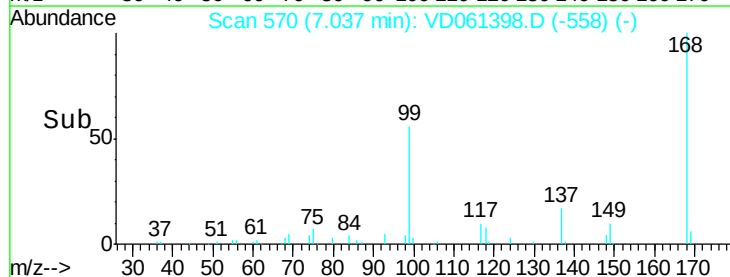


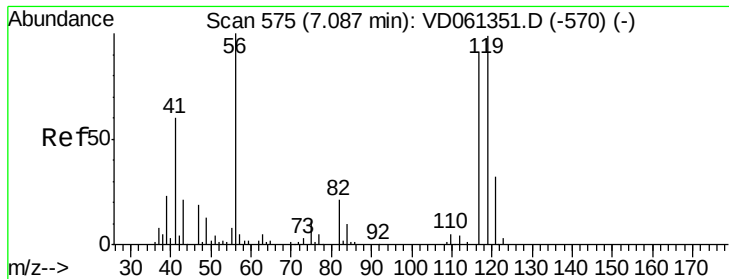
#36
1,1-Dichloropropene
Concen: 5.285 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.08 min
Lab File: VD061398.D
Acq: 28 Mar 2019 18:37

Tgt Ion: 75 Resp: 32118
Ion Ratio Lower Upper
75 100
110 8.6 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





#38

Carbon Tetrachloride

Concen: 6.087 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.05 min

Lab File: VD061398.D

Acq: 28 Mar 2019 18:37

Instrument :

MSVOA_D

ClientSampleId :

CS-21RE

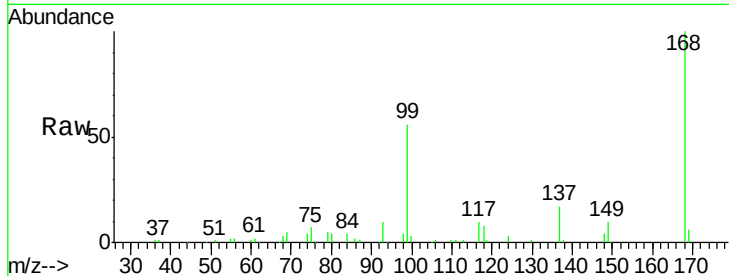
Tot Ion:117 Resp: 42508

Ion Ratio Lower Upper

117 100

119 5.0 80.1 120.1#

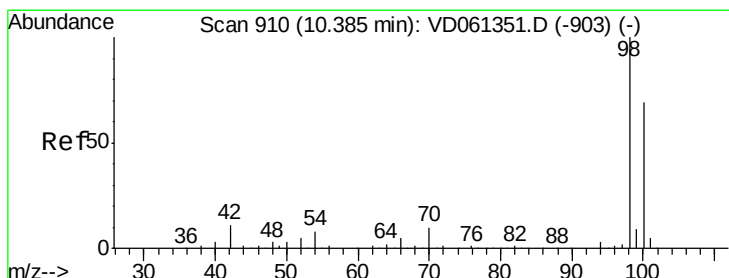
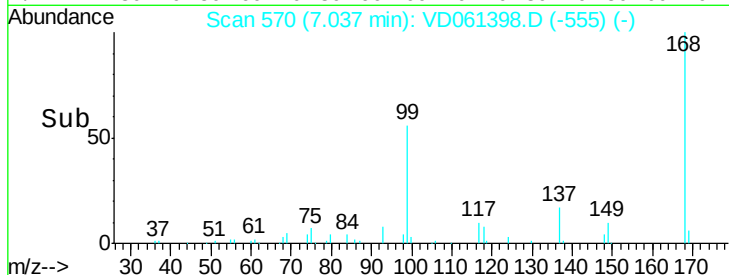
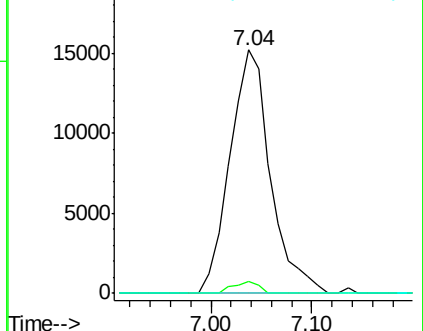
121 0.0 25.6 38.4#



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: VD061398.D

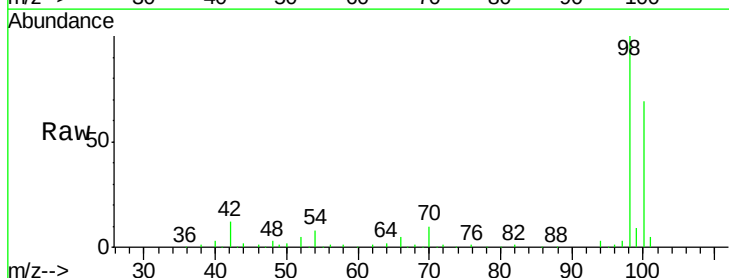
Acq: 28 Mar 2019 18:37

Tgt Ion: 98 Resp: 647569

Ion Ratio Lower Upper

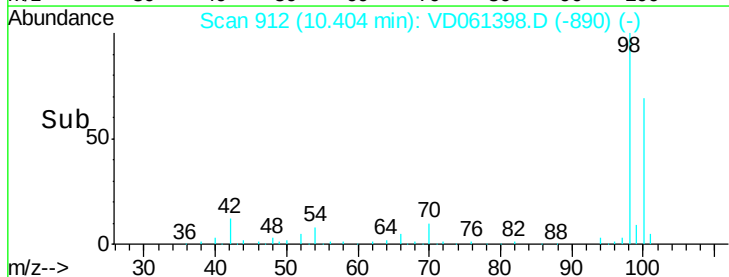
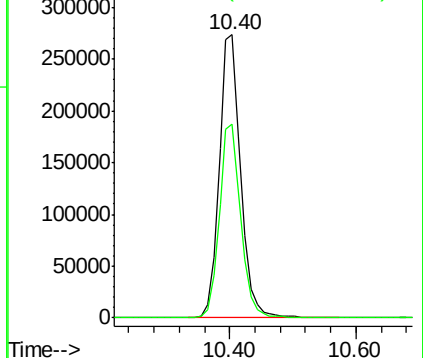
98 100

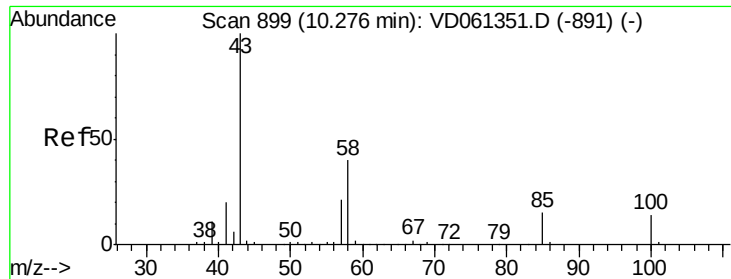
100 68.7 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#51

4-Methyl-2-Pentanone

Concen: 1.021 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.13 min

Lab File: VD061398.D

Acq: 28 Mar 2019 18:37

Instrument :

MSVOA_D

ClientSampleId :

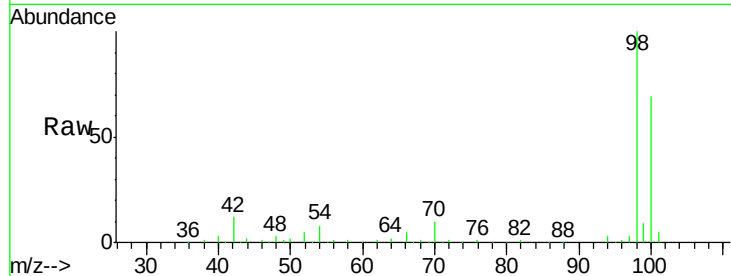
CS-21RE

Tot Ion: 43 Resp: 2349

Ion Ratio Lower Upper

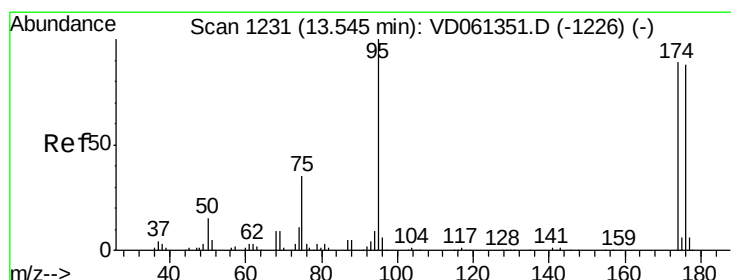
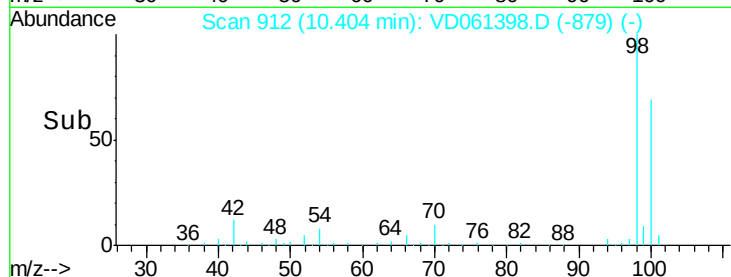
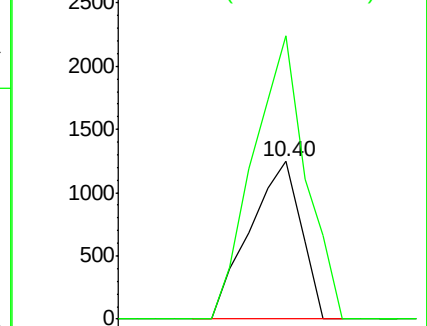
43 100

58 179.8 31.8 47.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VD061398.D

Acq: 28 Mar 2019 18:37

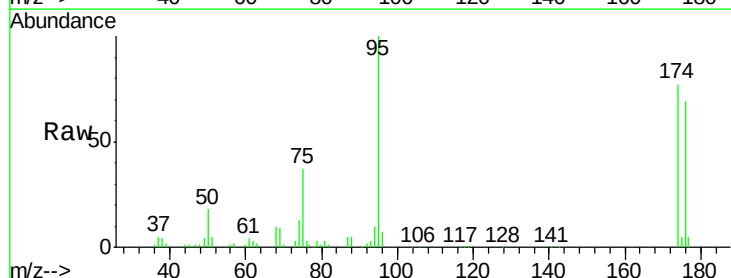
Tgt Ion: 95 Resp: 135857

Ion Ratio Lower Upper

95 100

174 76.5 0.0 178.0

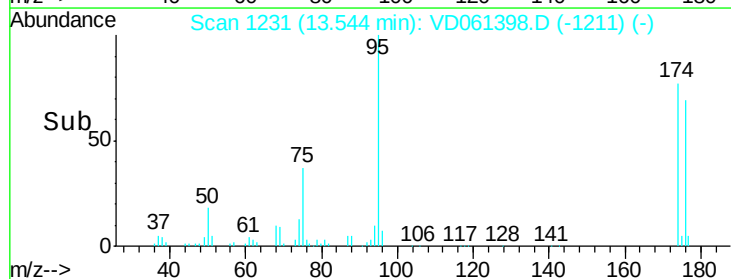
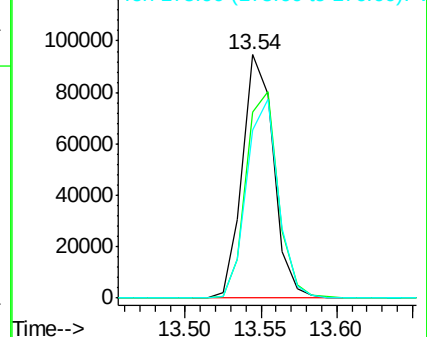
176 68.9 0.0 175.0

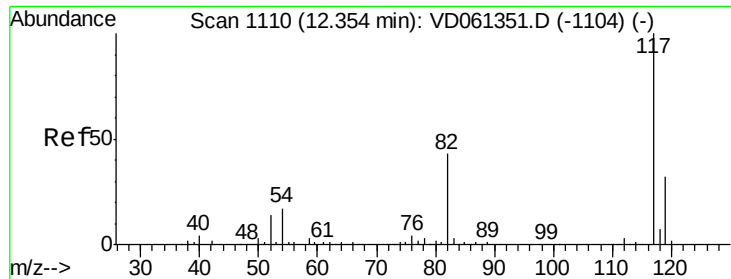


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

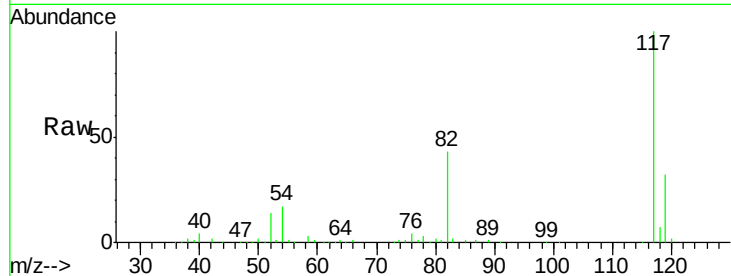




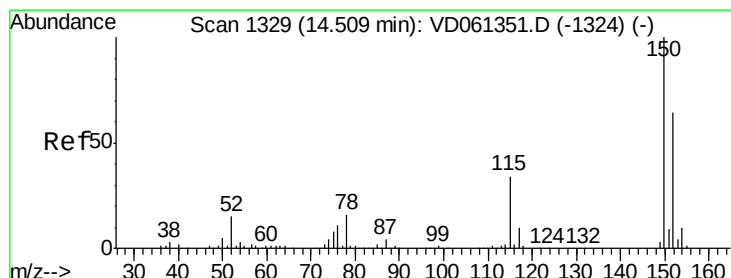
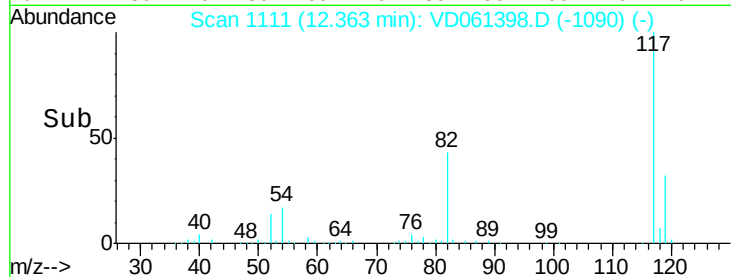
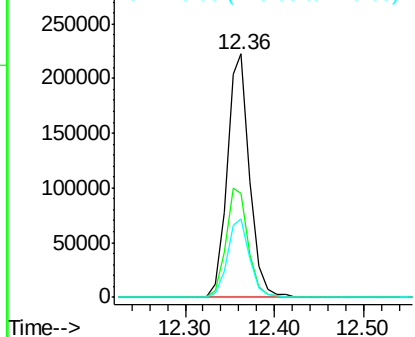
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061398.D
Acq: 28 Mar 2019 18:37

Instrument :
MSVOA_D
ClientSampleId :
CS-21RE

Tot Ion:117 Resp: 392965
Ion Ratio Lower Upper
117 100
82 42.6 34.4 51.6
119 32.4 25.8 38.6

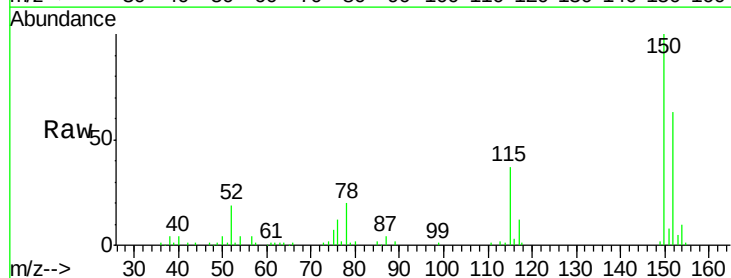


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

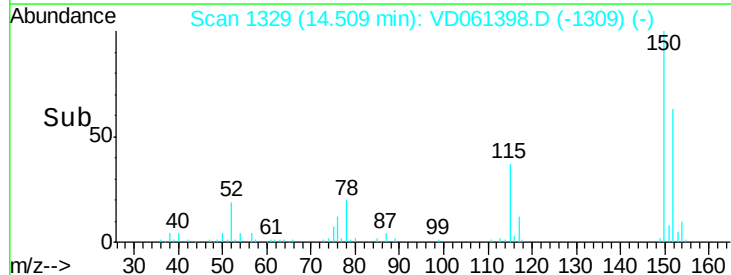
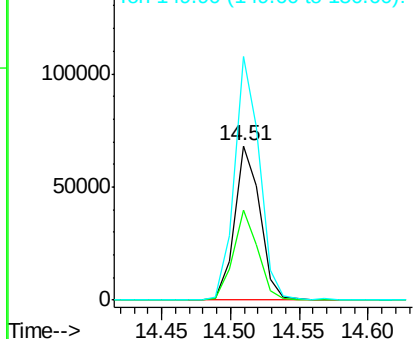


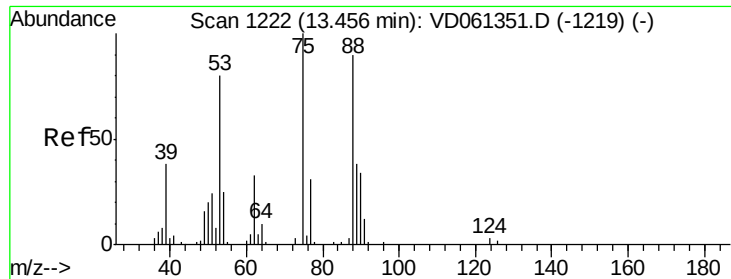
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD061398.D
Acq: 28 Mar 2019 18:37

Tgt Ion:152 Resp: 87612
Ion Ratio Lower Upper
152 100
115 58.1 26.9 80.6
150 157.6 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: 129.163 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.09 min

Lab File: VD061398.D

Acq: 28 Mar 2019 18:37

Instrument :

MSVOA_D

ClientSampleId :

CS-21RE

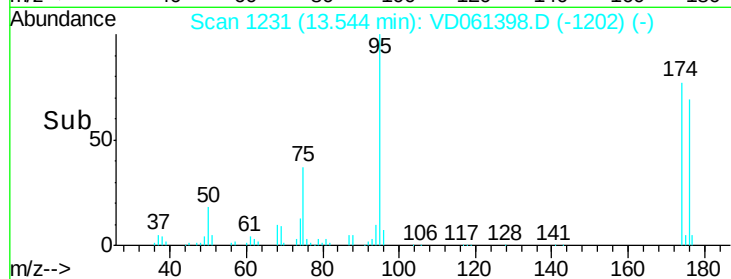
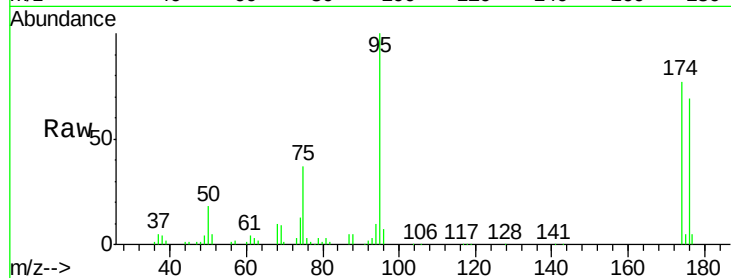
Tot Ion: 75 Resp: 49841

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

