

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032719\NOT REVIEWED DATA\VD032719\
 Data File : VD061368.D
 Acq On : 28 Mar 2019 00:23
 Operator : VA/AP
 Sample : VD0327SBL02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0327SBL02

Quant Time: Mar 28 04:05:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 02:13:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	644704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	1095886	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	934468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	406309	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	315904	57.36	ug/l	0.00
Spiked Amount			Recovery	=	114.72%	
35) Dibromofluoromethane	6.89	113	515725	61.58	ug/l	0.00
Spiked Amount			Recovery	=	123.16%	
50) Toluene-d8	10.38	98	1168881	58.19	ug/l	0.00
Spiked Amount			Recovery	=	116.38%	
62) 4-Bromofluorobenzene	13.54	95	436620	56.69	ug/l	0.00
Spiked Amount			Recovery	=	113.38%	

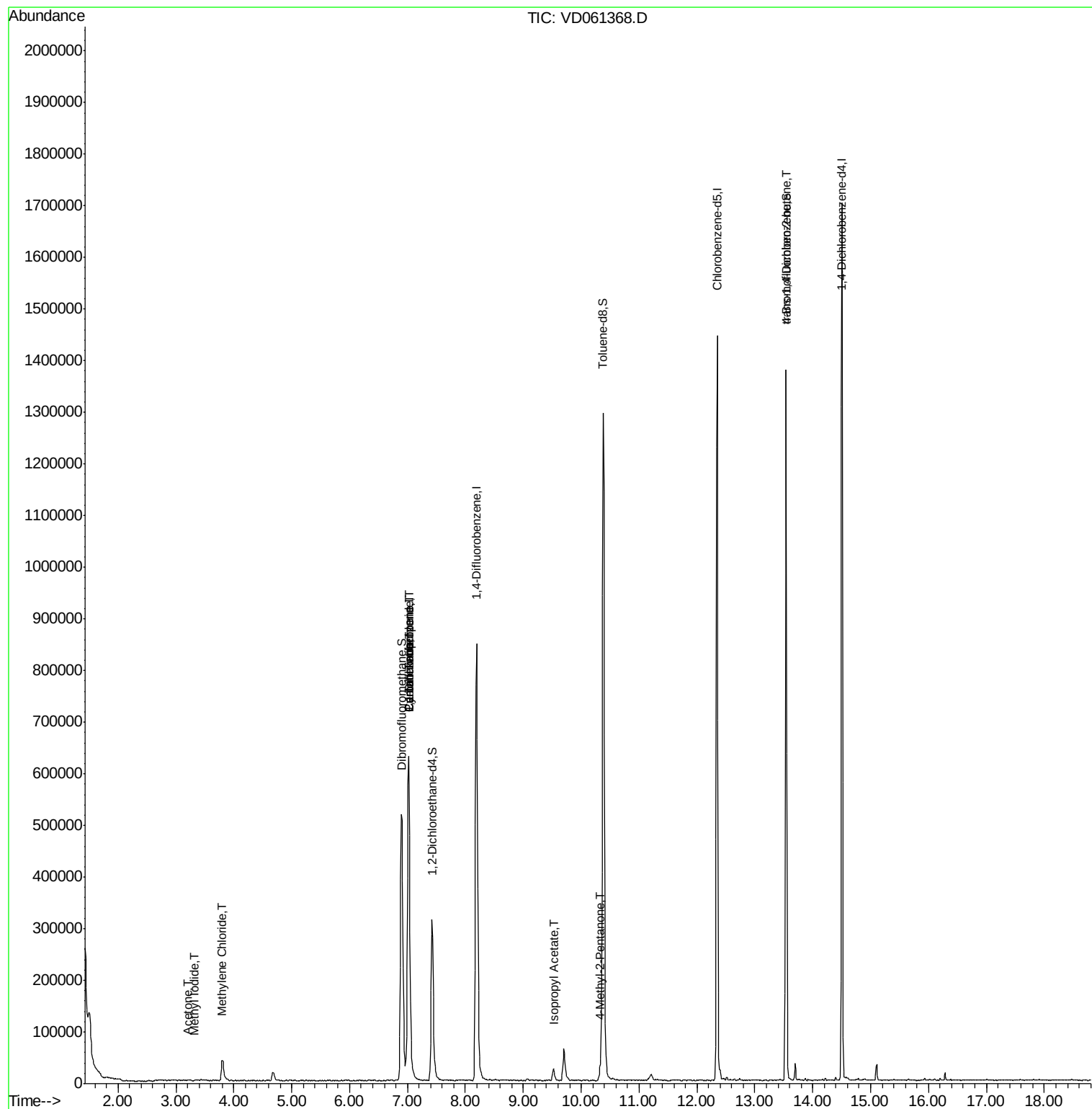
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.31	142	558	3.508	ug/l #	38
16) Acetone	3.20	43	1597	1.128	ug/l #	48
20) Methylene Chloride	3.80	84	34642	2.546	ug/l	98
31) Cyclohexane	7.01	56	10928	1.152	ug/l #	1
36) 1,1-Dichloropropene	7.02	75	45898	4.799	ug/l #	44
38) Carbon Tetrachloride	7.02	117	60072	5.516	ug/l #	14
43) Isopropyl Acetate	9.51	43	18778	3.155	ug/l #	42
51) 4-Methyl-2-Pentanone	10.32	43	5592	1.544	ug/l #	80
81) trans-1,4-Dichloro-2-buten	13.54	75	161106	90.027	ug/l #	18

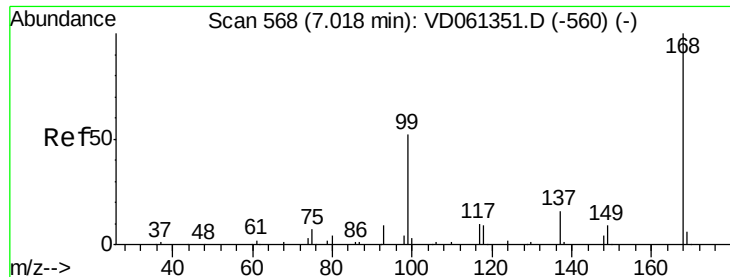
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032719\NOT REVIEWED DATA\VD032719\
Data File : VD061368.D
Acq On : 28 Mar 2019 00:23
Operator : VA/AP
Sample : VD0327SBL02
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleID :
VD0327SBL02

Quant Time: Mar 28 04:05:46 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 02:13:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. 0.00 min

Lab File: VD061368.D

Acq: 28 Mar 2019 00:23

Instrument :

MSVOA_D

ClientSampleId :

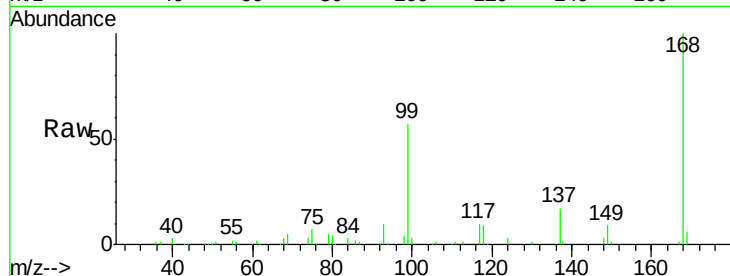
VD0327SBL02

Tot Ion:168 Resp: 644704

Ion Ratio Lower Upper

168 100

99 57.1 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.02

250000

200000

150000

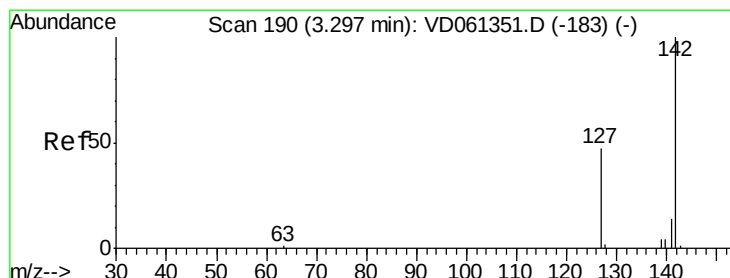
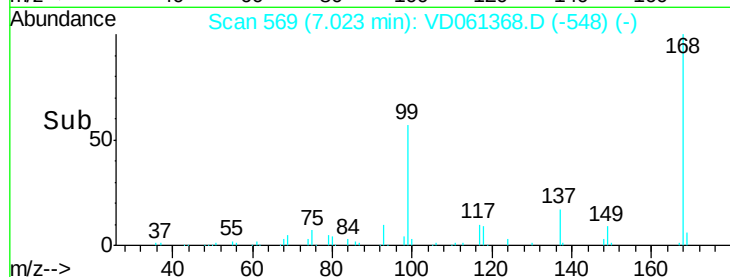
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#10

Methyl Iodide

Concen: 3.508 ug/l

RT: 3.31 min Scan# 192

Delta R.T. 0.02 min

Lab File: VD061368.D

Acq: 28 Mar 2019 00:23

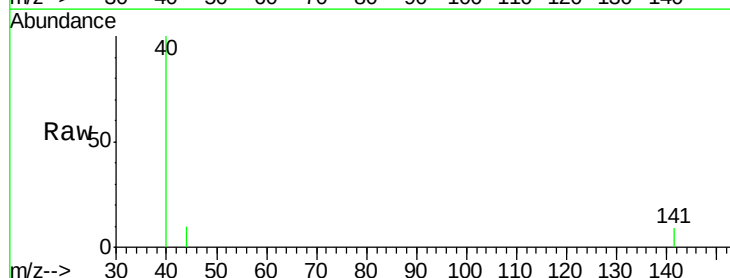
Tgt Ion:142 Resp: 558

Ion Ratio Lower Upper

142 100

127 0.0 37.7 56.5#

141 0.0 11.5 17.3#



Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

3.31

600

500

400

300

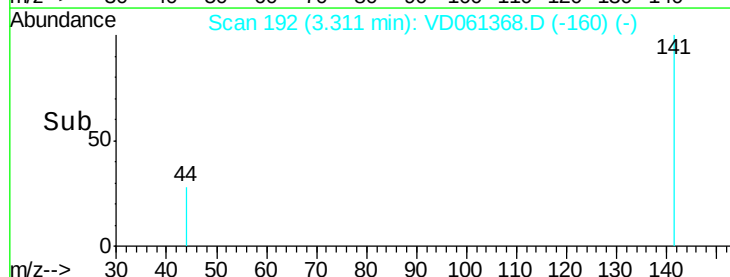
200

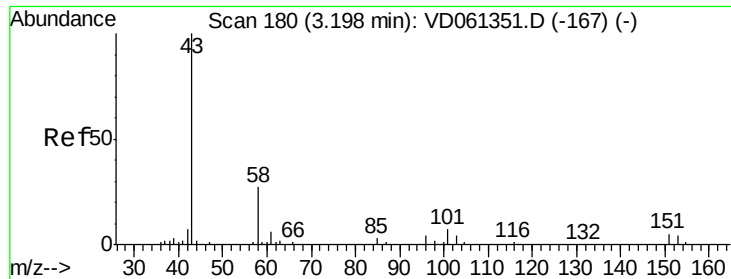
100

0

3.28 3.30 3.32 3.34

Time-->





#16

Acetone

Concen: 1.128 ug/l

RT: 3.20 min Scan# 181

Delta R.T. 0.00 min

Lab File: VD061368.D

Acq: 28 Mar 2019 00:23

Instrument :

MSVOA_D

ClientSampleId :

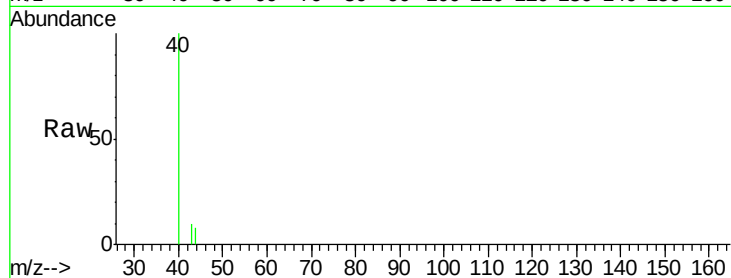
VD0327SBL02

Tot Ion: 43 Resp: 1597

Ion Ratio Lower Upper

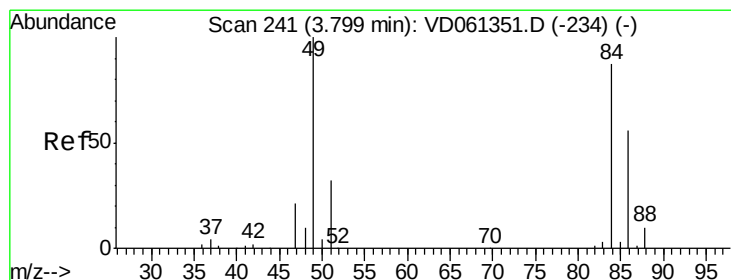
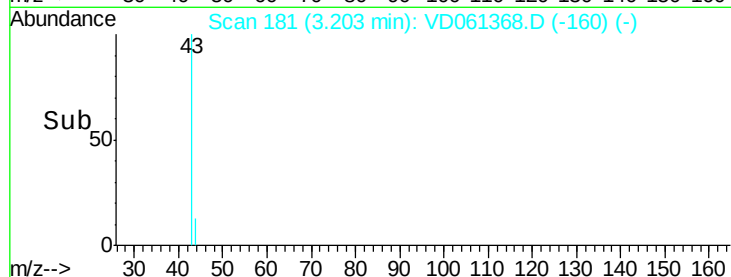
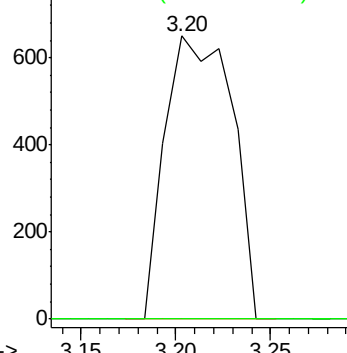
43 100

58 0.0 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: 2.546 ug/l

RT: 3.80 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD061368.D

Acq: 28 Mar 2019 00:23

Tgt Ion: 84 Resp: 34642

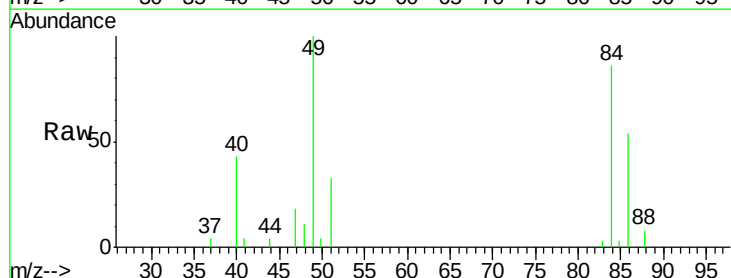
Ion Ratio Lower Upper

84 100

49 116.3 91.8 137.8

51 38.6 29.8 44.8

86 63.1 51.8 77.6

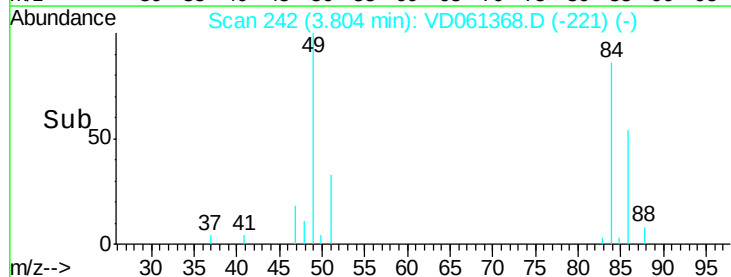
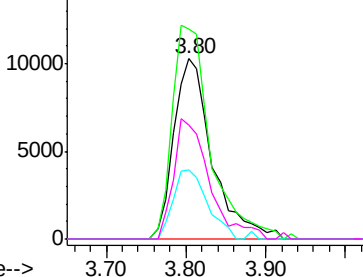


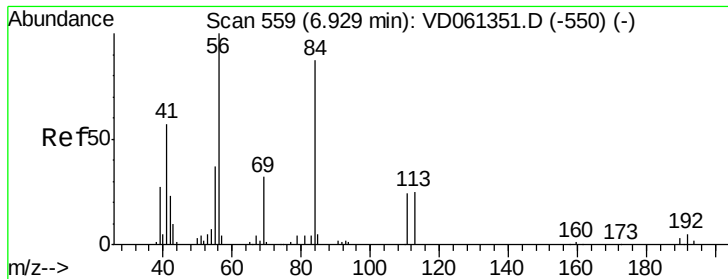
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

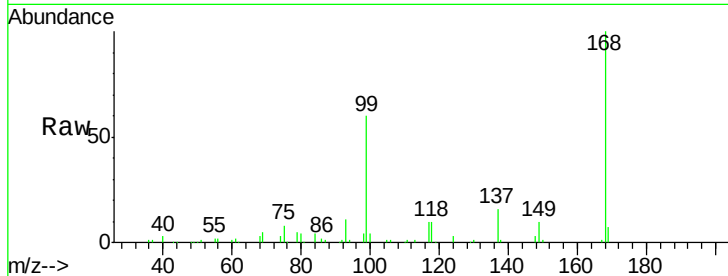




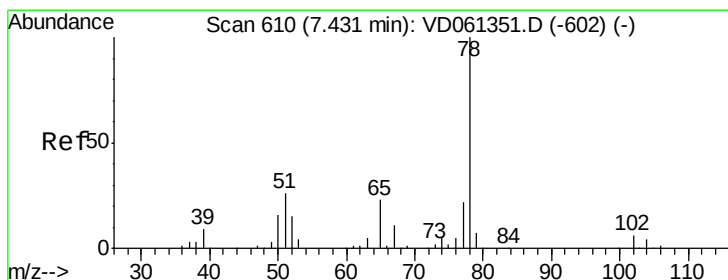
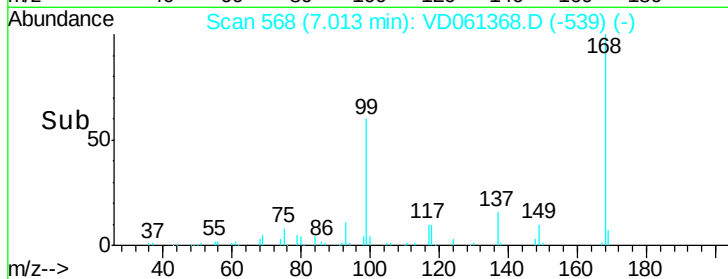
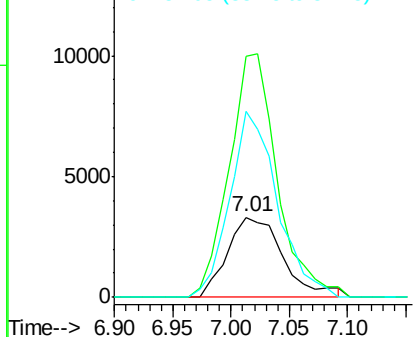
#31
Cyclohexane
Concen: 1.152 ug/l
RT: 7.01 min Scan# 568
Delta R.T. 0.08 min
Lab File: VD061368.D
Acq: 28 Mar 2019 00:23

Instrument :
MSVOA_D
ClientSampleId :
VD0327SBL02

Tot Ion: 56 Resp: 10928
Ion Ratio Lower Upper
56 100
69 301.1 25.7 38.5#
84 232.8 70.6 105.8#

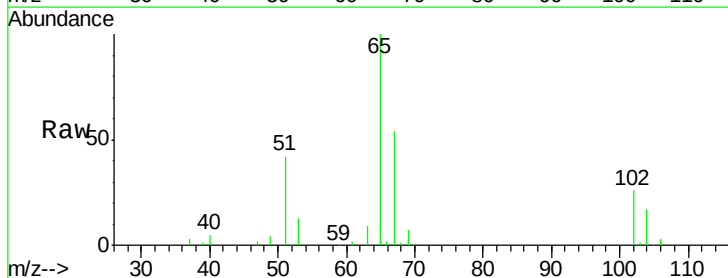


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

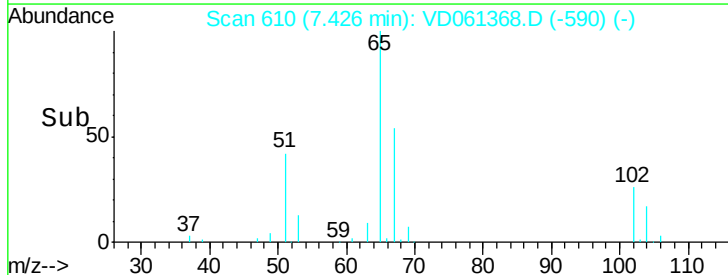
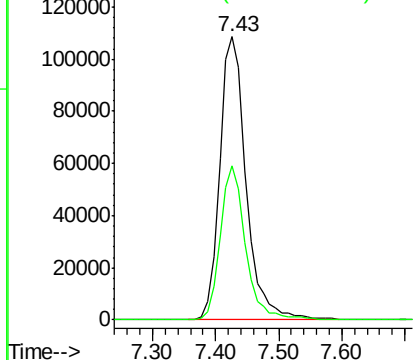


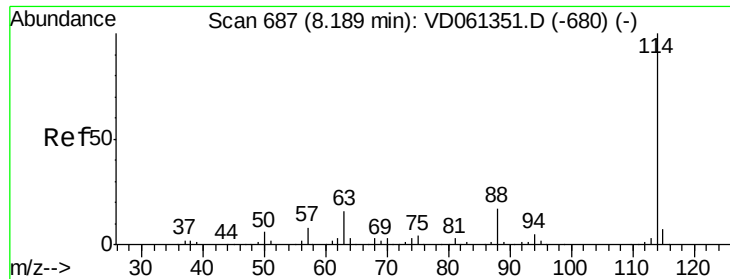
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.43 min Scan# 610
Delta R.T. -0.01 min
Lab File: VD061368.D
Acq: 28 Mar 2019 00:23

Tgt Ion: 65 Resp: 315904
Ion Ratio Lower Upper
65 100
67 54.4 0.0 99.8



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

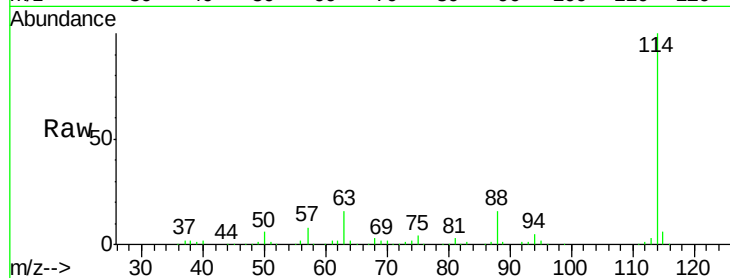




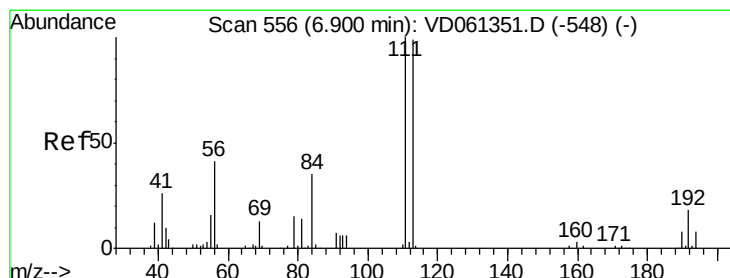
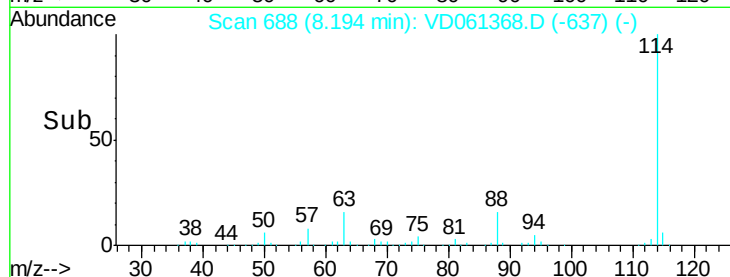
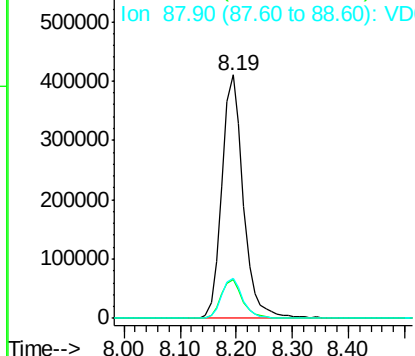
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: VD061368.D
 Acq: 28 Mar 2019 00:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0327SBL02

Tot Ion:114 Resp: 1095886
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 31.6
 88 16.5 0.0 33.4

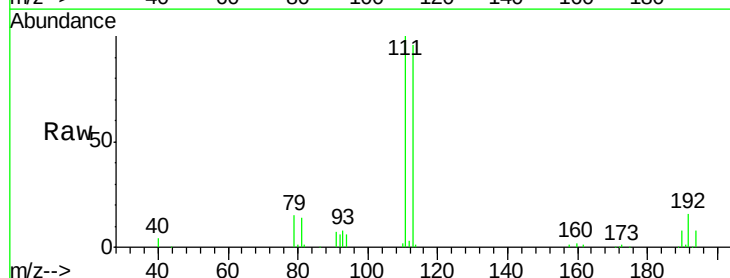


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

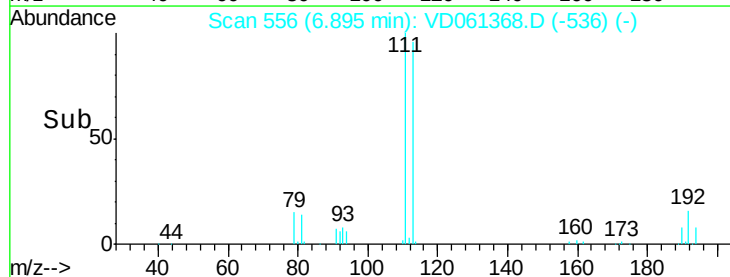
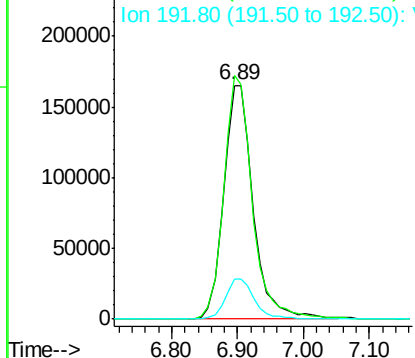


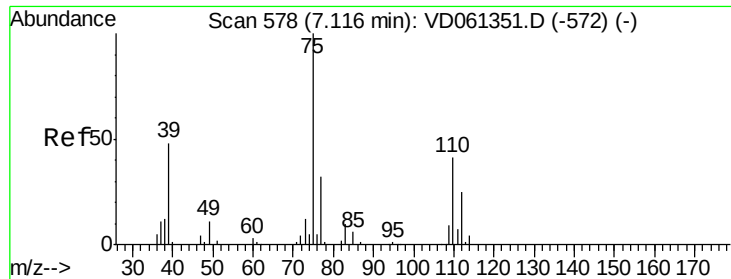
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.89 min Scan# 556
 Delta R.T. -0.01 min
 Lab File: VD061368.D
 Acq: 28 Mar 2019 00:23

Tgt Ion:113 Resp: 515725
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.0 121.6
 192 17.0 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

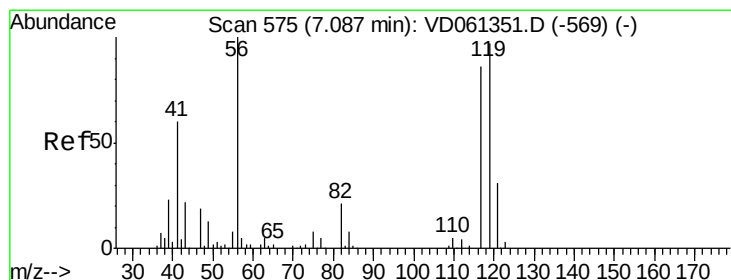
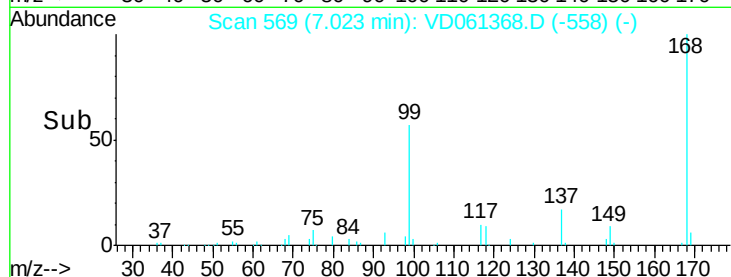
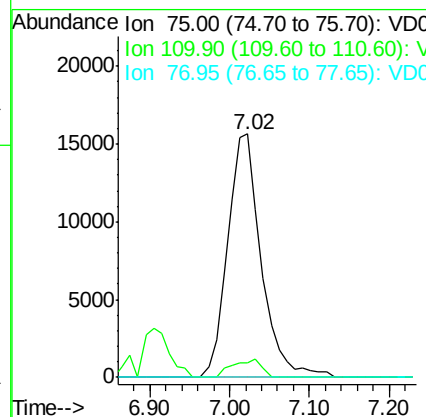
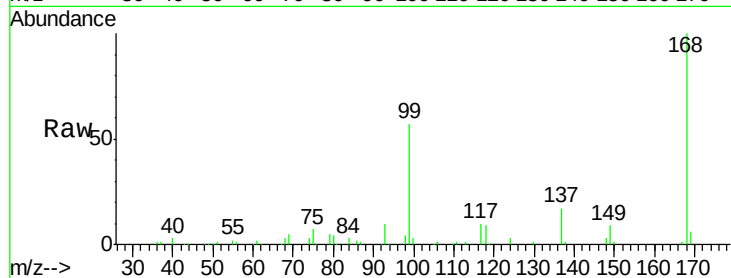




#36
 1,1-Dichloropropene
 Concen: 4.799 ug/l
 RT: 7.02 min Scan# 569
 Delta R.T. -0.09 min
 Lab File: VD061368.D
 Acq: 28 Mar 2019 00:23

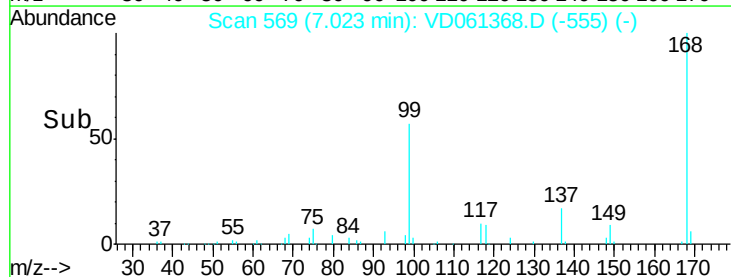
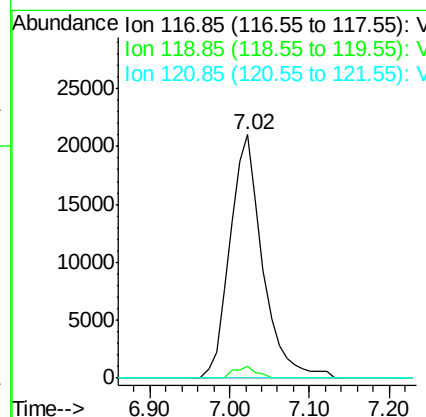
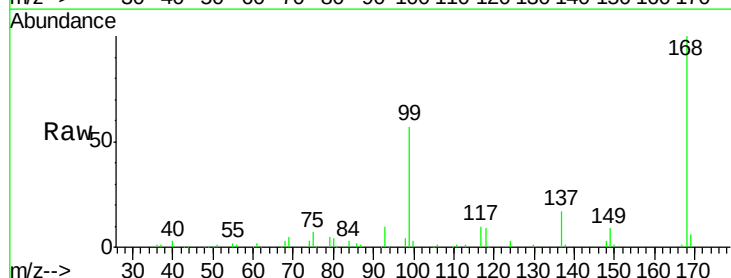
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0327SBL02

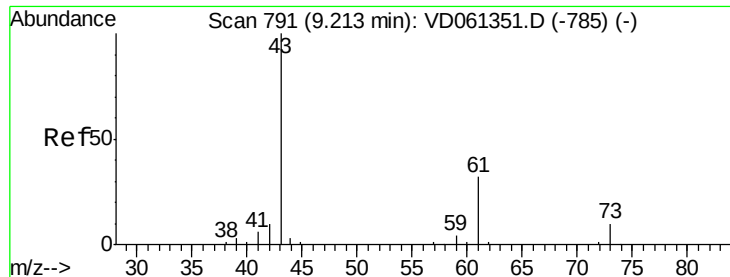
Tot Ion	Ratio	Lower	Upper
75	100		
110	5.7	20.4	61.3#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.516 ug/l
 RT: 7.02 min Scan# 569
 Delta R.T. -0.06 min
 Lab File: VD061368.D
 Acq: 28 Mar 2019 00:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	80.1	120.1#
121	0.0	25.6	38.4#





#43

Isopropyl Acetate

Concen: 3.155 ug/l

RT: 9.51 min Scan# 822

Delta R.T. 0.30 min

Lab File: VD061368.D

Acq: 28 Mar 2019 00:23

Instrument :

MSVOA_D

ClientSampleId :

VD0327SBL02

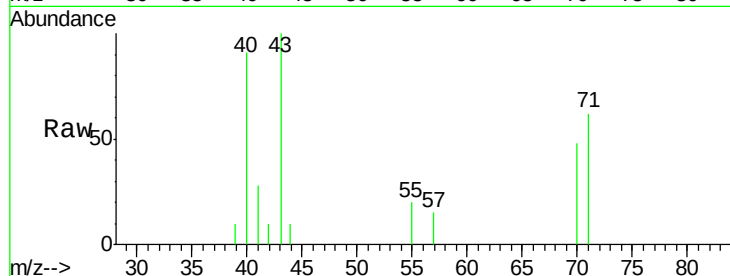
Tot Ion: 43 Resp: 18778

Ion Ratio Lower Upper

43 100

61 0.0 25.8 38.6#

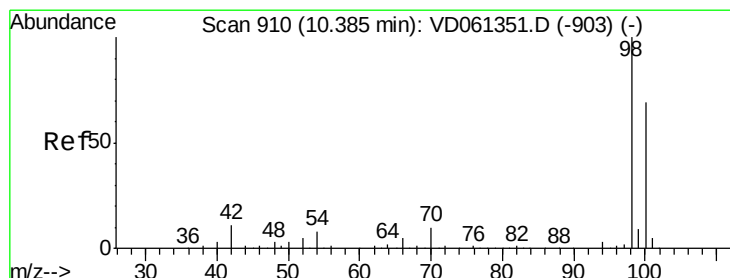
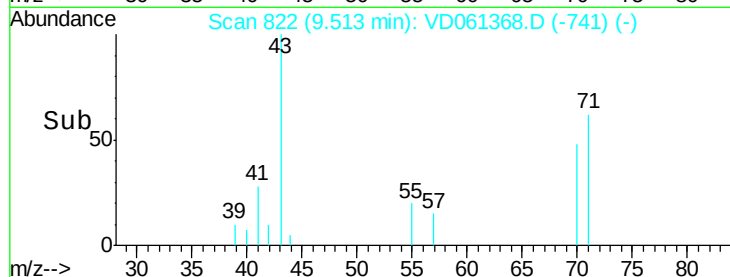
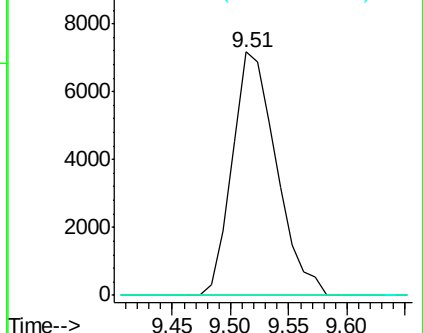
87 0.0 0.0 0.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.38 min Scan# 910

Delta R.T. -0.01 min

Lab File: VD061368.D

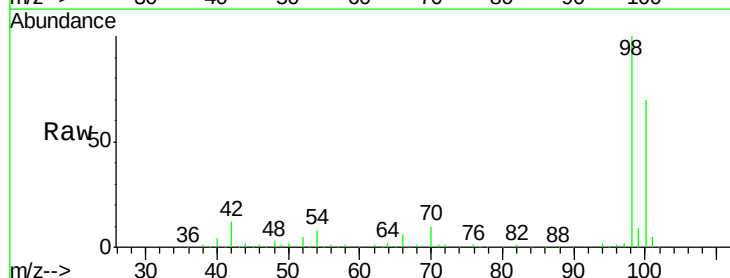
Acq: 28 Mar 2019 00:23

Tgt Ion: 98 Resp: 1168881

Ion Ratio Lower Upper

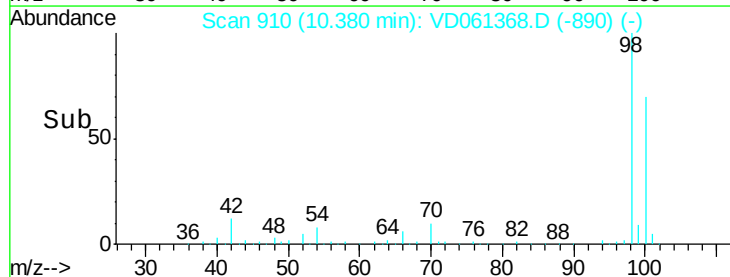
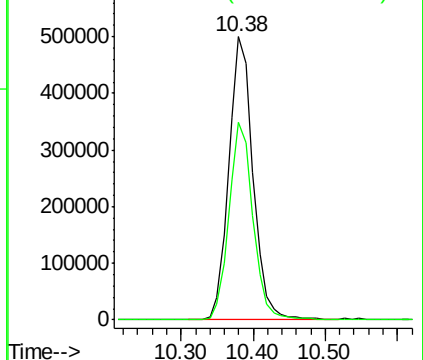
98 100

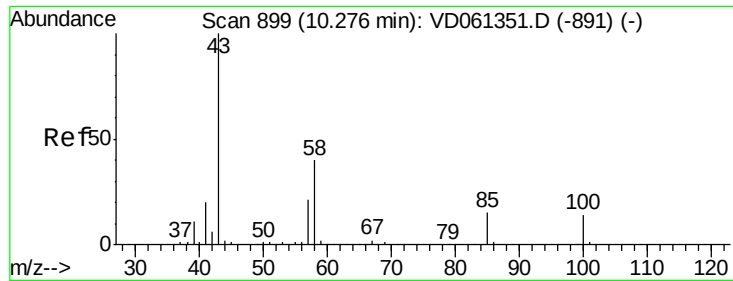
100 69.9 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 1.544 ug/l

RT: 10.32 min Scan# 904

Delta R.T. 0.04 min

Lab File: VD061368.D

Acq: 28 Mar 2019 00:23

Instrument :

MSVOA_D

ClientSampleId :

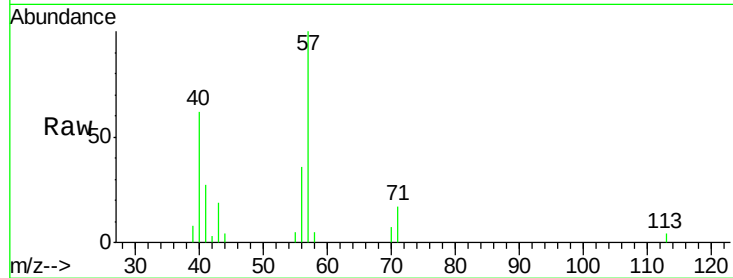
VD0327SBL02

Tot Ion: 43 Resp: 5592

Ion Ratio Lower Upper

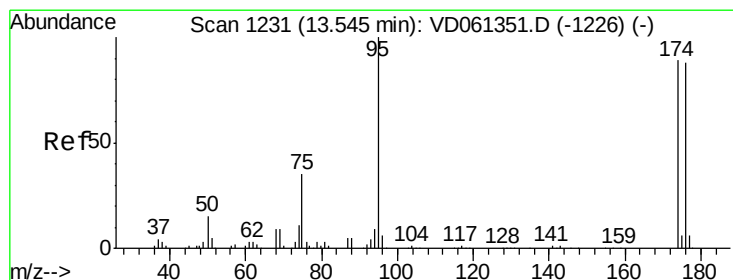
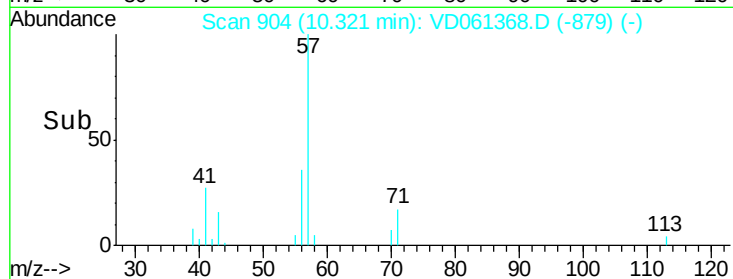
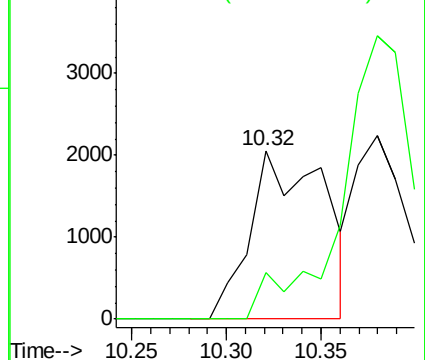
43 100

58 27.7 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. -0.01 min

Lab File: VD061368.D

Acq: 28 Mar 2019 00:23

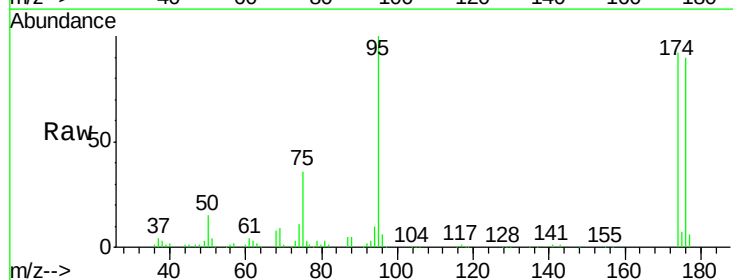
Tgt Ion: 95 Resp: 436620

Ion Ratio Lower Upper

95 100

174 92.5 0.0 178.0

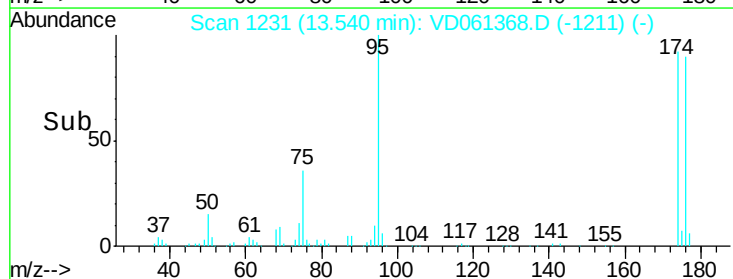
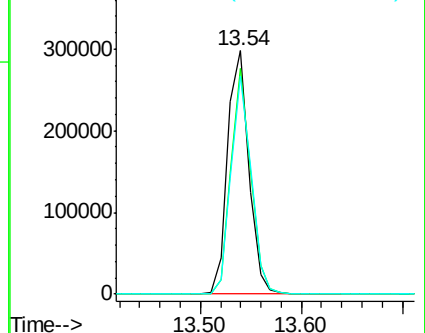
176 89.6 0.0 175.0

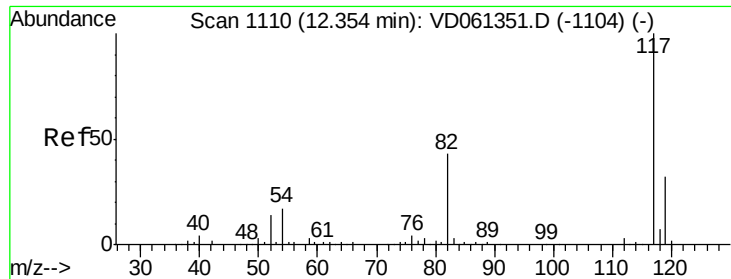


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

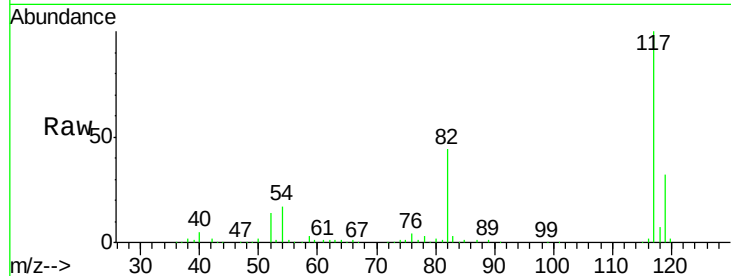




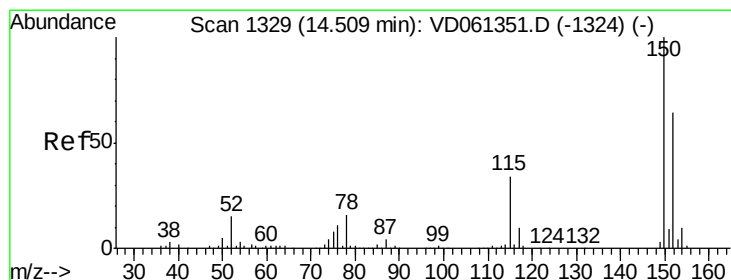
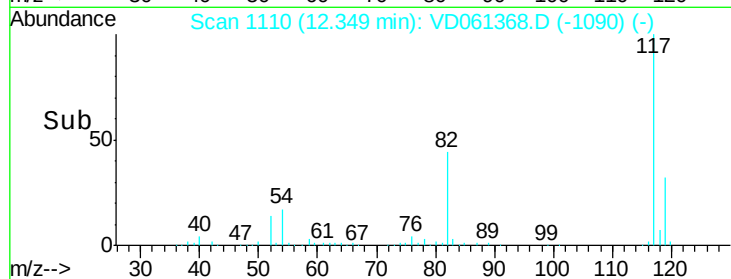
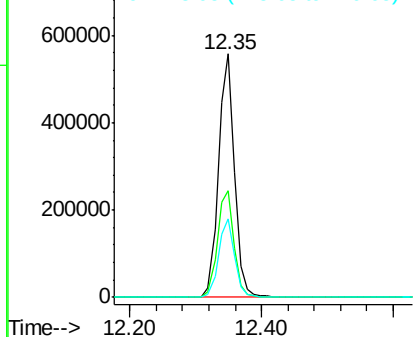
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD061368.D
Acq: 28 Mar 2019 00:23

Instrument :
MSVOA_D
ClientSampleId :
VD0327SBL02

Tot Ion:117 Resp: 934468
Ion Ratio Lower Upper
117 100
82 44.0 34.4 51.6
119 32.5 25.8 38.6

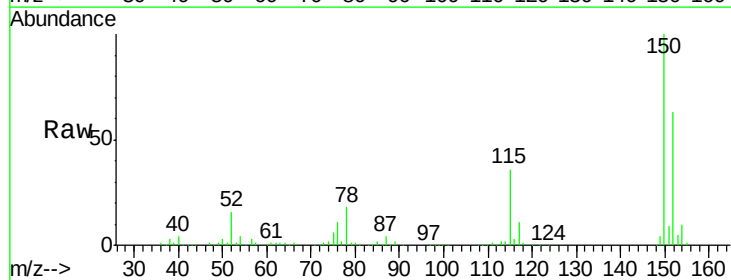


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

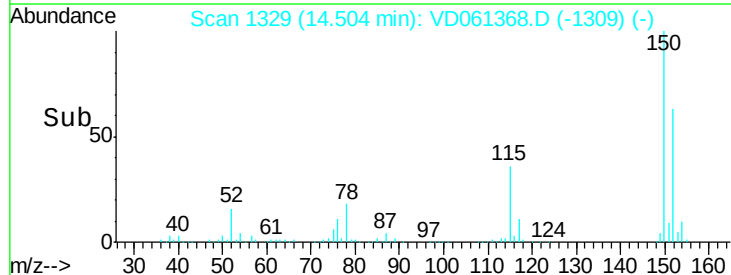
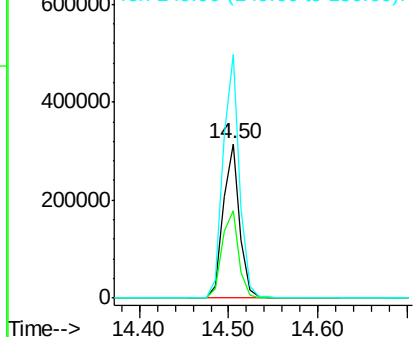


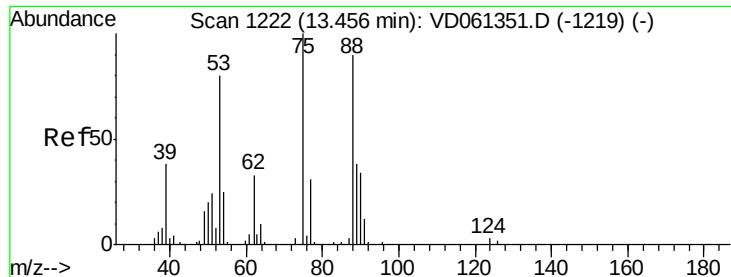
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061368.D
Acq: 28 Mar 2019 00:23

Tgt Ion:152 Resp: 406309
Ion Ratio Lower Upper
152 100
115 56.4 26.9 80.6
150 158.0 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: 90.027 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.08 min

Lab File: VD061368.D

Acq: 28 Mar 2019 00:23

Instrument :

MSVOA_D

ClientSampleId :

VD0327SBL02

Tot Ion: 75 Resp: 161106

Ion Ratio Lower Upper

75 100

53 0.0 63.8 95.8#

89 0.0 30.5 45.7#

