

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032819\
 Data File : VD061402.D
 Acq On : 28 Mar 2019 20:27
 Operator : VA/AP
 Sample : K2097-06RE
 Misc : 5.78g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-6RE

Quant Time: Mar 29 01:22:05 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

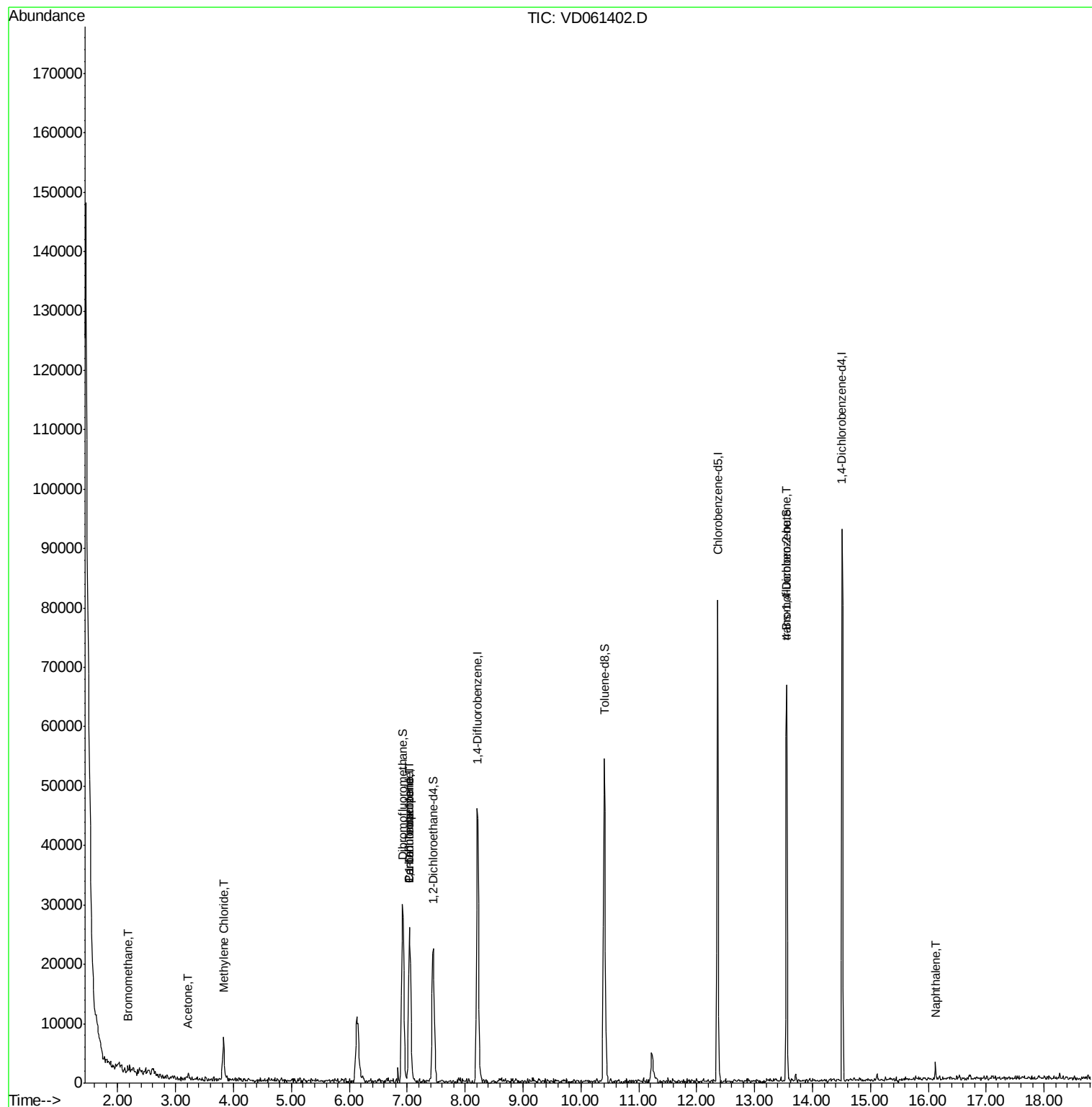
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	30245	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	60801	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	55275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	23040	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	23764	91.98	ug/l	0.02
Spiked Amount 50.000			Recovery	=	183.96%	
35) Dibromofluoromethane	6.92	113	28785	61.95	ug/l	0.02
Spiked Amount 50.000			Recovery	=	123.90%	
50) Toluene-d8	10.40	98	54443	48.85	ug/l	0.02
Spiked Amount 50.000			Recovery	=	97.70%	
62) 4-Bromofluorobenzene	13.55	95	22633	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.92%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.18	94	194	4.045	ug/l #	10
16) Acetone	3.22	43	789	11.879	ug/l #	48
20) Methylene Chloride	3.83	84	5484	13.331	ug/l	88
36) 1,1-Dichloropropene	7.05	75	1685	3.175	ug/l #	38
38) Carbon Tetrachloride	7.04	117	2169	3.557	ug/l #	10
81) trans-1,4-Dichloro-2-buten	13.55	75	8957	88.267	ug/l #	18
95) Naphthalene	16.12	128	2444	5.330	ug/l #	82

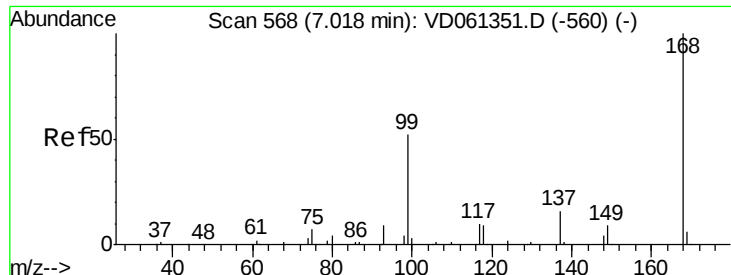
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032819\
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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: VD061402.D

Acq: 28 Mar 2019 20:27

Instrument :

MSVOA_D

ClientSampleId :

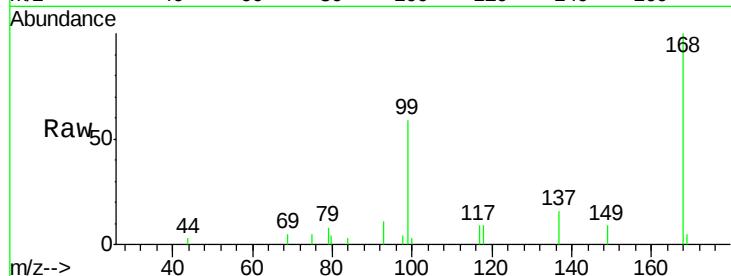
CS-6RE

Tot Ion:168 Resp: 30245

Ion Ratio Lower Upper

168 100

99 59.1 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

12000

10000

8000

6000

4000

2000

0

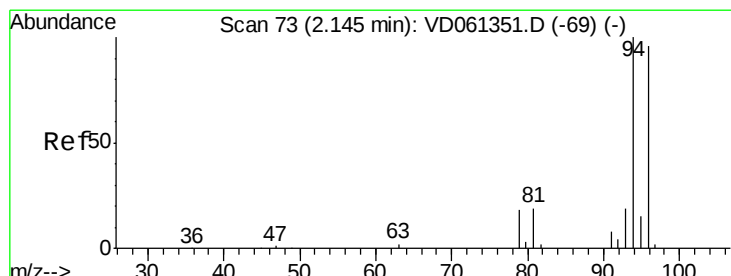
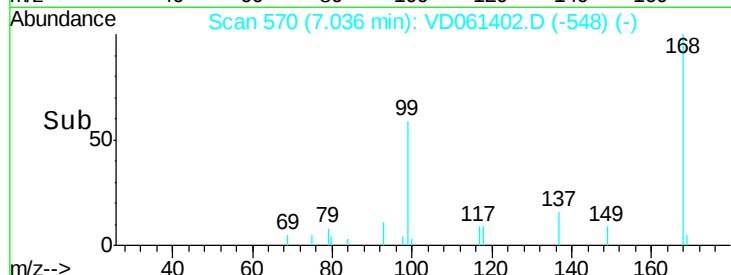
Time-->

6.90

7.00

7.10

7.20



#5

Bromomethane

Concen: 4.045 ug/l

RT: 2.18 min Scan# 77

Delta R.T. 0.04 min

Lab File: VD061402.D

Acq: 28 Mar 2019 20:27

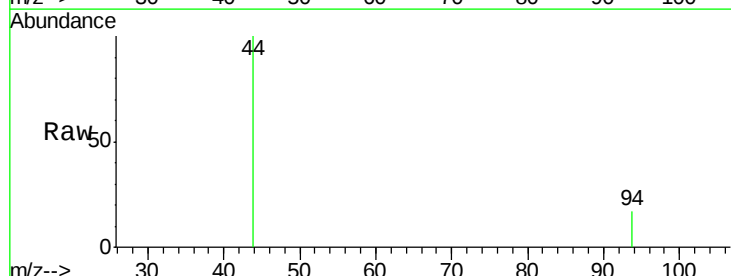
Tgt Ion: 94 Resp: 194

Ion Ratio Lower Upper

94 100

96 0.0 78.3 117.5#

93 0.0 15.6 23.4#



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

2.18

400

300

200

100

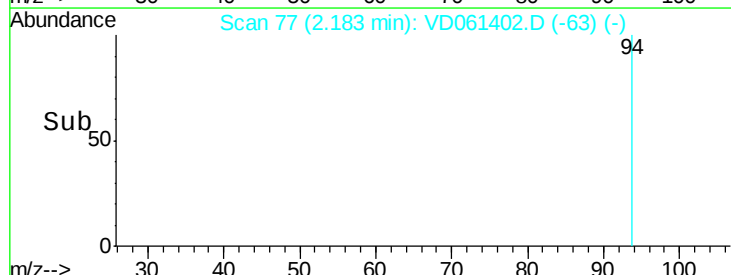
0

Time-->

2.16

2.18

2.20





#16

Acetone

Concen: 11.879 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.02 min

Lab File: VD061402.D

Acq: 28 Mar 2019 20:27

Instrument :

MSVOA_D

ClientSampleId :

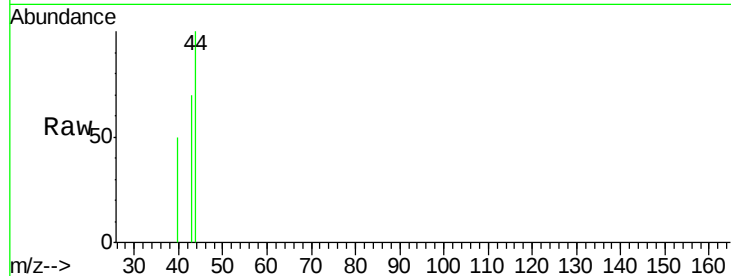
CS-6RE

Tot Ion: 43 Resp: 789

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

3.22

500

400

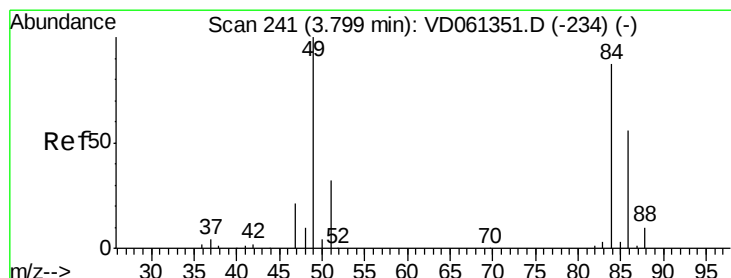
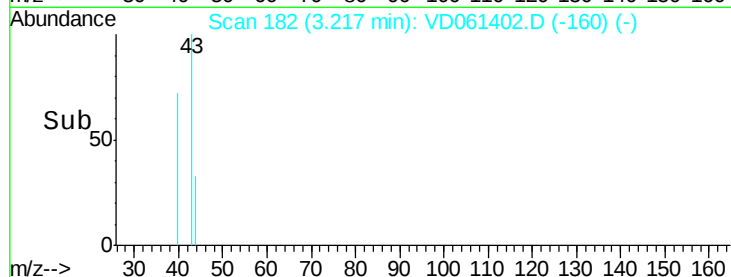
300

200

100

0

Time-->



#20

Methylene Chloride

Concen: 13.331 ug/l

RT: 3.83 min Scan# 244

Delta R.T. 0.03 min

Lab File: VD061402.D

Acq: 28 Mar 2019 20:27

Tgt Ion: 84 Resp: 5484

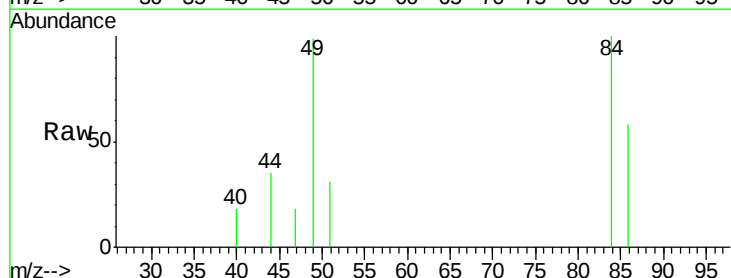
Ion Ratio Lower Upper

84 100

49 98.5 91.8 137.8

51 30.7 29.8 44.8

86 58.3 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

3.83

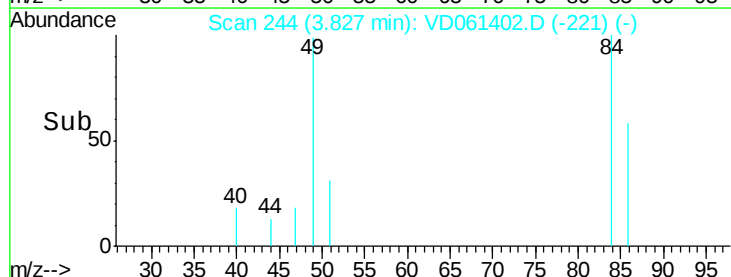
3000

2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.02 min

Lab File: VD061402.D

Acq: 28 Mar 2019 20:27

Instrument :

MSVOA_D

ClientSampleId :

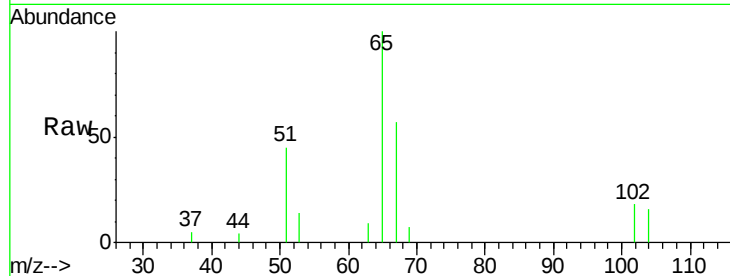
CS-6RE

Tot Ion: 65 Resp: 23764

Ion Ratio Lower Upper

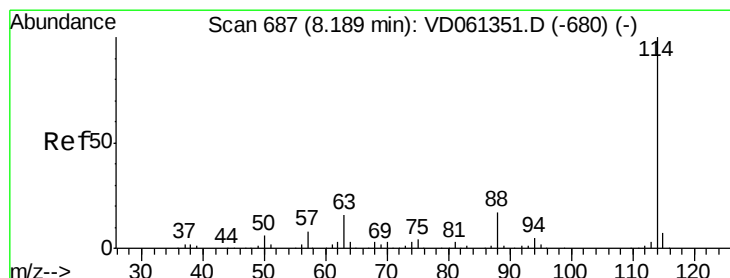
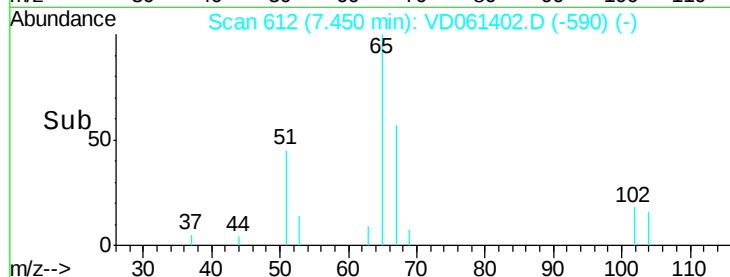
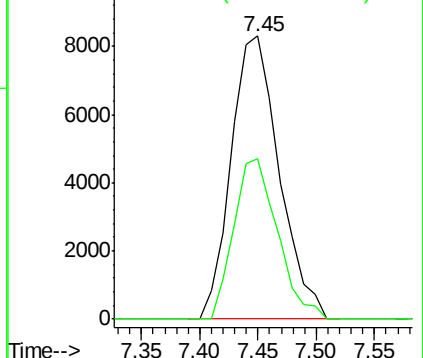
65 100

67 56.5 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: 8.21 min Scan# 689

Delta R.T. 0.02 min

Lab File: VD061402.D

Acq: 28 Mar 2019 20:27

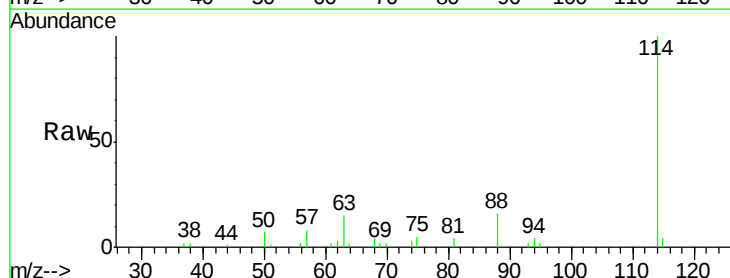
Tgt Ion: 114 Resp: 60801

Ion Ratio Lower Upper

114 100

63 14.7 0.0 31.6

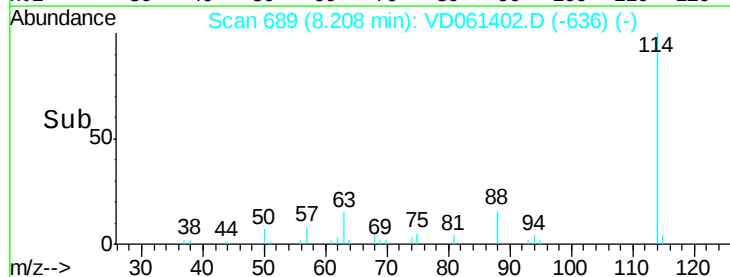
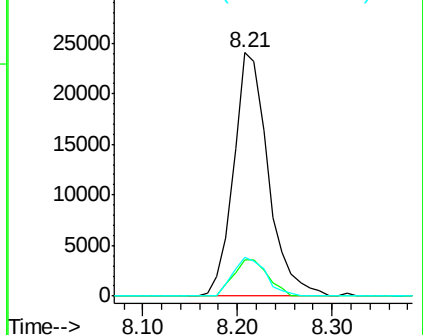
88 15.7 0.0 33.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

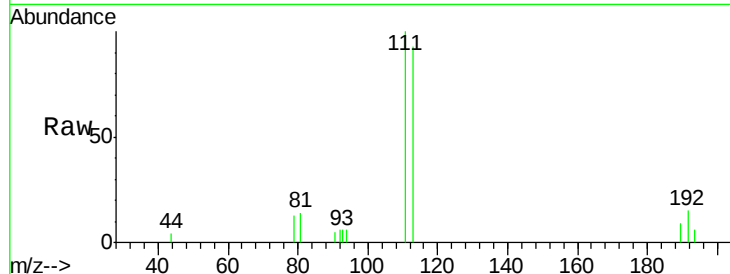




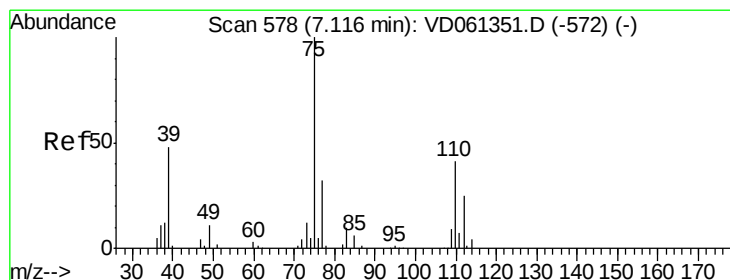
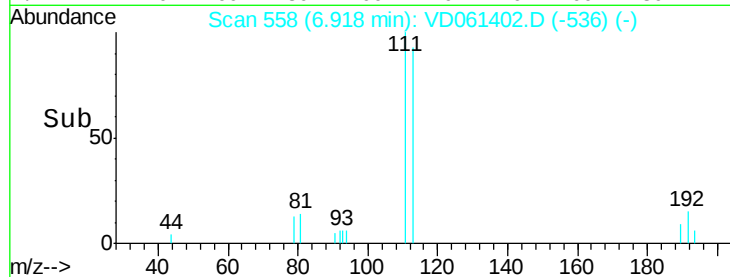
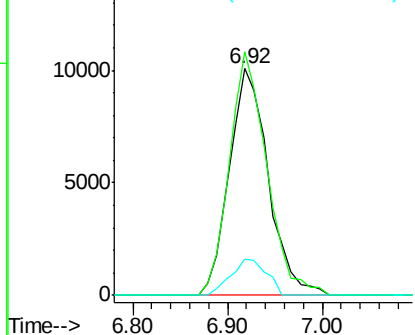
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.02 min
 Lab File: VD061402.D
 Acq: 28 Mar 2019 20:27

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-6RE

Tot Ion:113 Resp: 28785
 Ion Ratio Lower Upper
 113 100
 111 107.3 81.0 121.6
 192 15.8 14.4 21.6

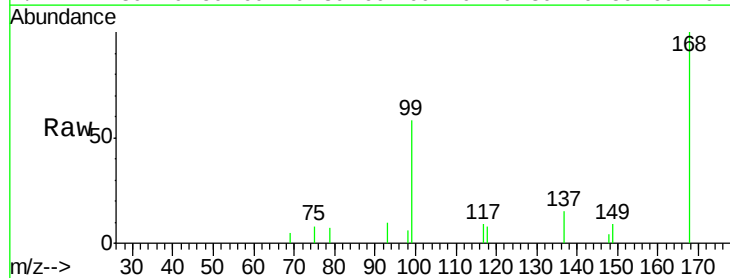


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

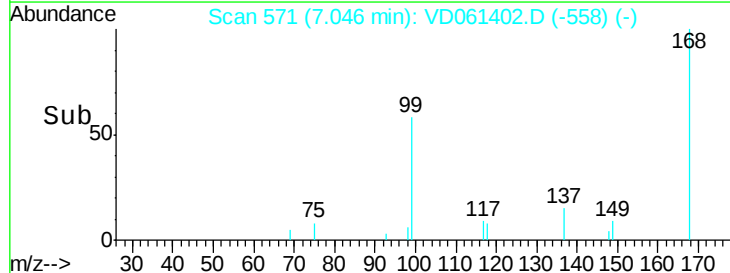
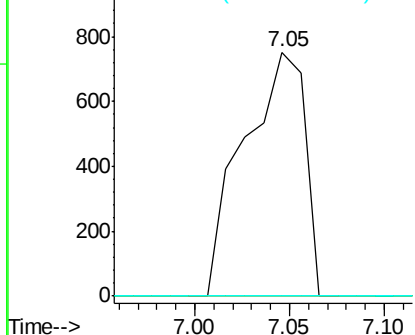


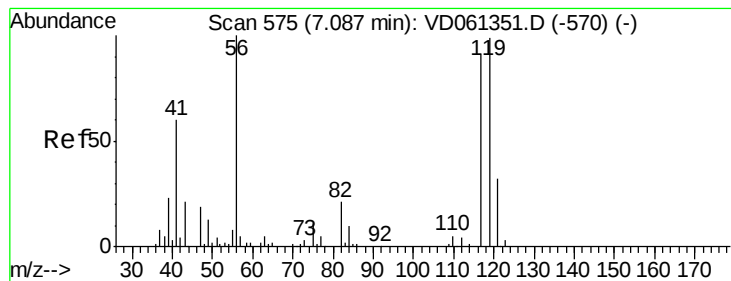
#36
 1,1-Dichloropropene
 Concen: 3.175 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. -0.07 min
 Lab File: VD061402.D
 Acq: 28 Mar 2019 20:27

Tgt Ion: 75 Resp: 1685
 Ion Ratio Lower Upper
 75 100
 110 0.0 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: 3.557 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.05 min

Lab File: VD061402.D

Acq: 28 Mar 2019 20:27

Instrument :

MSVOA_D

ClientSampleId :

CS-6RE

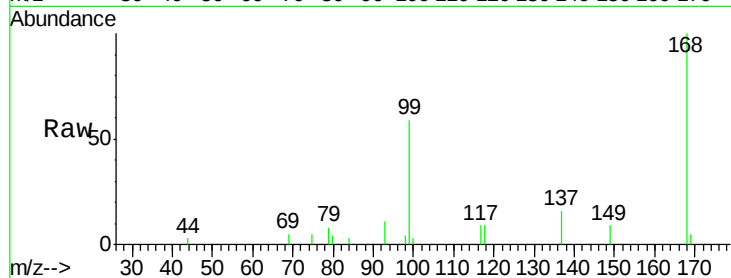
Tot Ion:117 Resp: 2169

Ion Ratio Lower Upper

117 100

119 0.0 80.1 120.1#

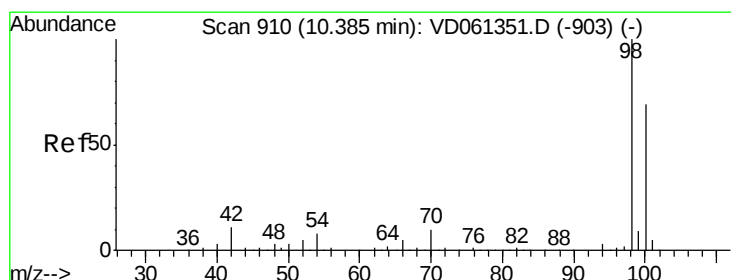
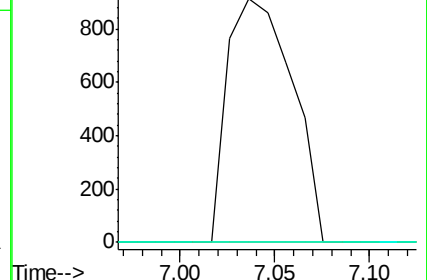
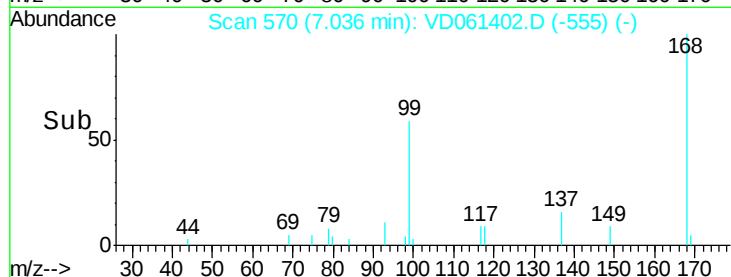
121 0.0 25.6 38.4#



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: VD061402.D

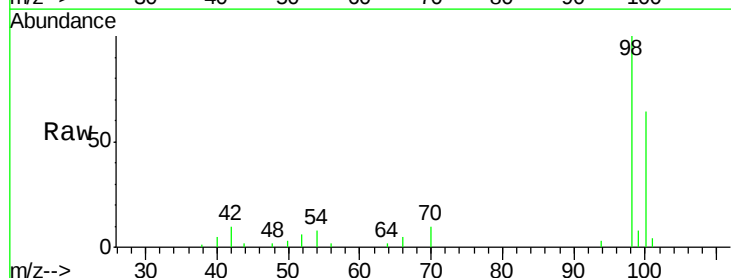
Acq: 28 Mar 2019 20:27

Tgt Ion: 98 Resp: 54443

Ion Ratio Lower Upper

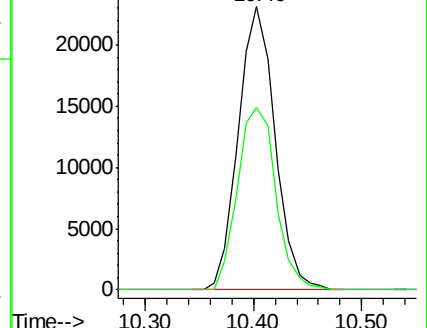
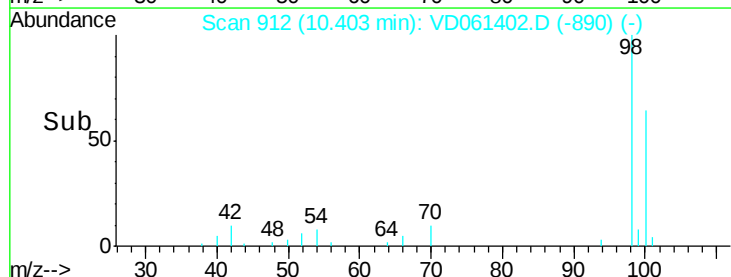
98 100

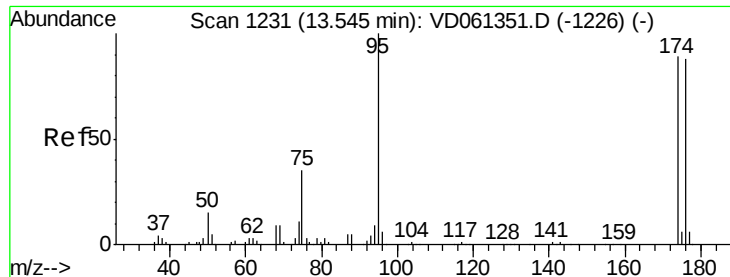
100 64.2 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD061402.D

Acq: 28 Mar 2019 20:27

Instrument :

MSVOA_D

ClientSampleId :

CS-6RE

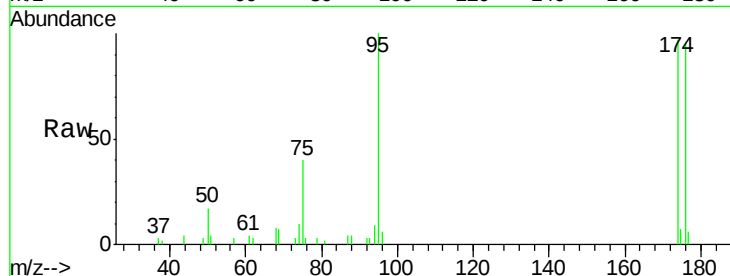
Tot Ion: 95 Resp: 22633

Ion Ratio Lower Upper

95 100

174 96.7 0.0 178.0

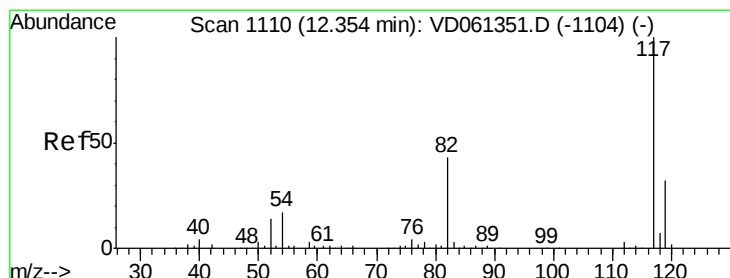
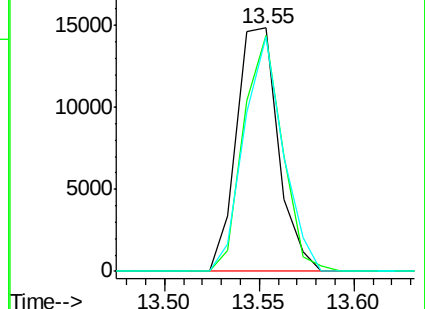
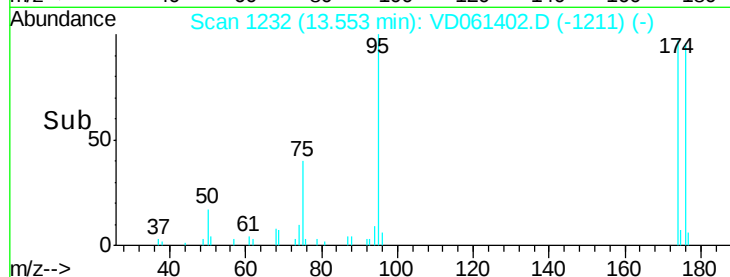
176 96.2 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): V

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: VD061402.D

Acq: 28 Mar 2019 20:27

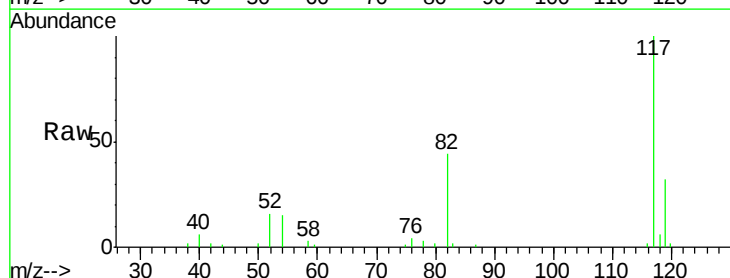
Tgt Ion: 117 Resp: 55275

Ion Ratio Lower Upper

117 100

82 43.9 34.4 51.6

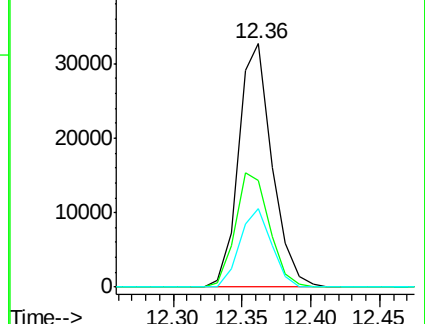
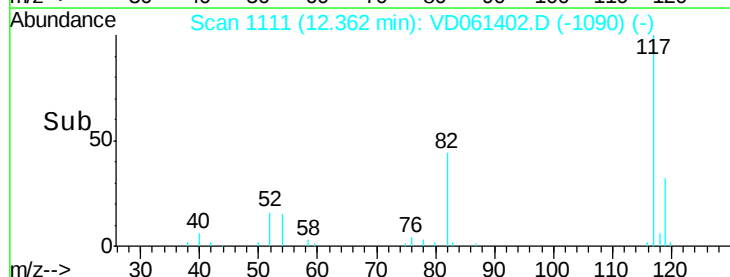
119 32.3 25.8 38.6

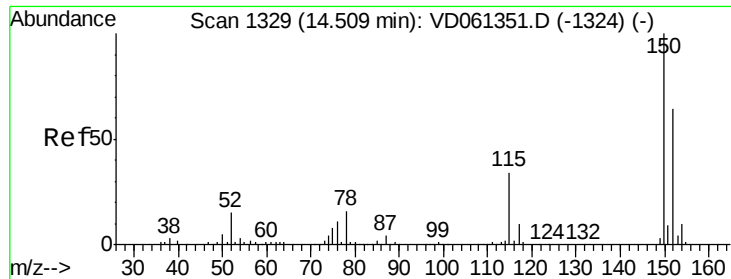


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

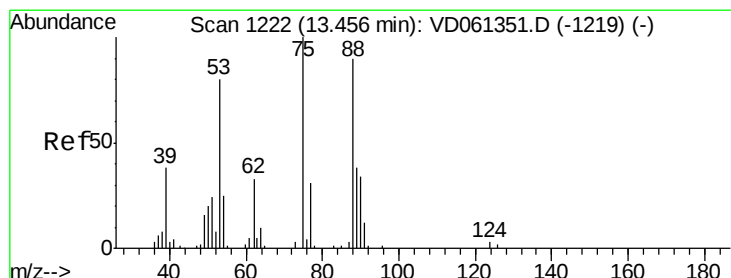
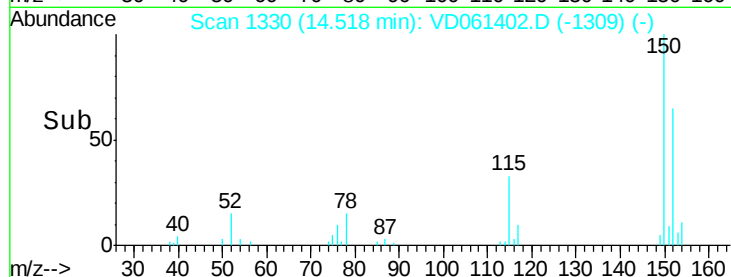
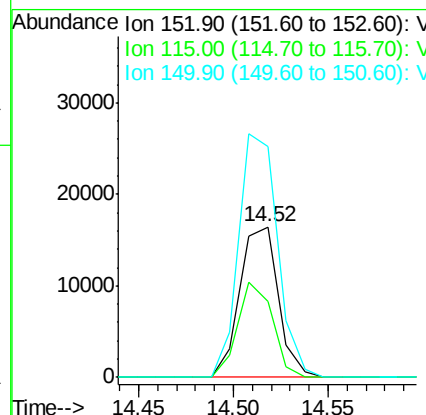
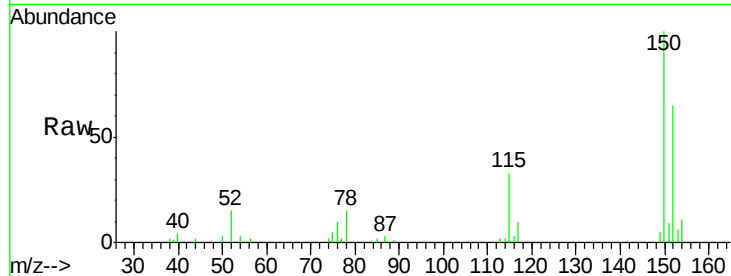




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VD061402.D
 Acq: 28 Mar 2019 20:27

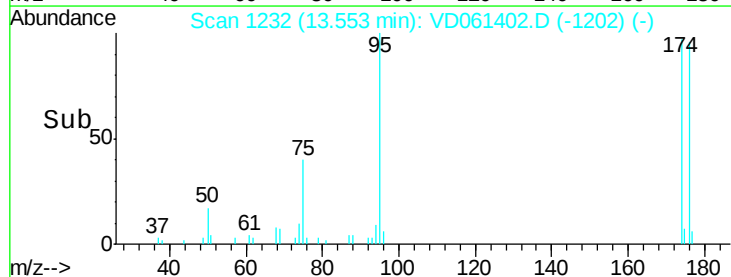
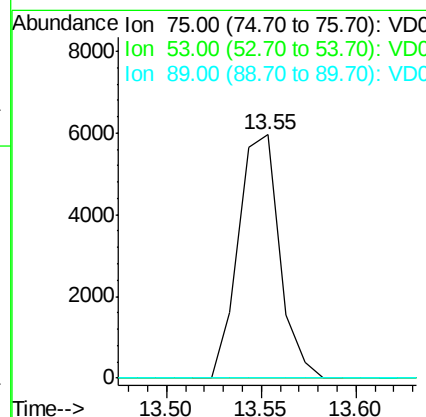
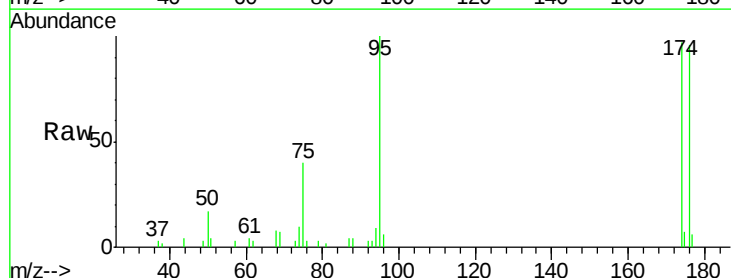
Instrument :
 MSVOA_D
 ClientSampleId :
 CS-6RE

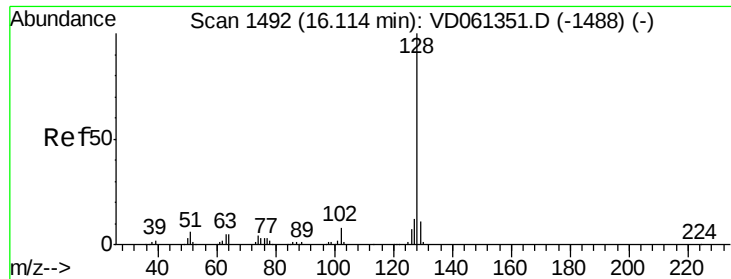
Tot Ion:152 Resp: 23040
 Ion Ratio Lower Upper
 152 100
 115 50.7 26.9 80.6
 150 153.7 0.0 318.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.267 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. 0.10 min
 Lab File: VD061402.D
 Acq: 28 Mar 2019 20:27

Tgt Ion: 75 Resp: 8957
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.8#
 89 0.0 30.5 45.7#





#95
Naphthalene
Concen: 5.330 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VD061402.D
Acq: 28 Mar 2019 20:27

Instrument :
MSVOA_D
ClientSampleId :
CS-6RE

Tot Ion:128 Resp: 2444
Ion Ratio Lower Upper
128 100
127 15.6 9.9 14.9#
129 0.0 8.9 13.3#

