

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032719\NOT REVIEWED DATA\VD032719\
 Data File : VD061364.D
 Acq On : 27 Mar 2019 20:15
 Operator : VA/AP
 Sample : K2086-07
 Misc : 6.41g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-18

Quant Time: Mar 28 04:04:11 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	7.01	168	610263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	1077519	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	853507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	334043	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.42	65	203710	39.08	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	78.16%	
35) Dibromofluoromethane	6.90	113	337556	40.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	81.98%	
50) Toluene-d8	10.38	98	732481	37.09	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	74.18%	
62) 4-Bromofluorobenzene	13.54	95	265492	35.06	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	70.12%	

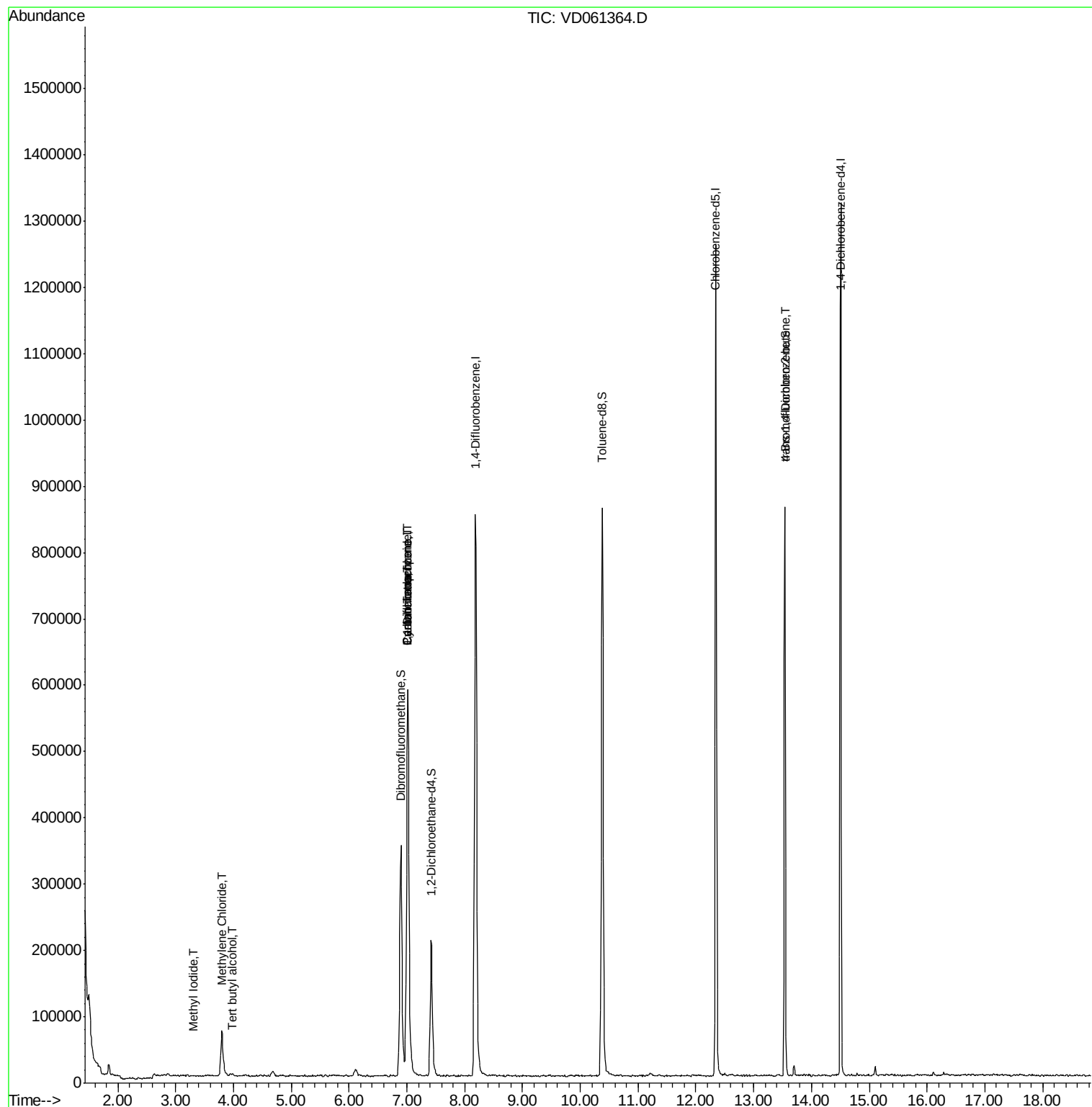
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.30	142	229	3.484	ug/l #	38
11) Tert butyl alcohol	3.97	59	1693	5.215	ug/l #	76
20) Methylene Chloride	3.79	84	54395	5.538	ug/l	95
31) Cyclohexane	7.01	56	9722	1.083	ug/l #	1
36) 1,1-Dichloropropene	7.01	75	42999	4.572	ug/l #	46
38) Carbon Tetrachloride	7.01	117	57262	5.348	ug/l #	13
81) trans-1,4-Dichloro-2-buten	13.54	75	98810	67.161	ug/l #	18

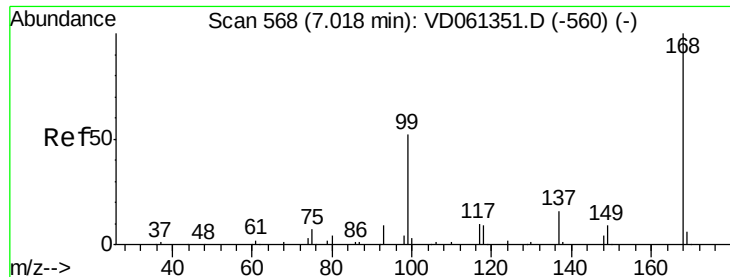
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032719\NOT REVIEWED DATA\VD032719\
Data File : VD061364.D
Acq On : 27 Mar 2019 20:15
Operator : VA/AP
Sample : K2086-07
Misc : 6.41g/5ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CS-18

Quant Time: Mar 28 04:04:11 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: 7.01 min Scan# 568

Delta R.T. -0.00 min

Lab File: VD061364.D

Acq: 27 Mar 2019 20:15

Instrument :

MSVOA_D

ClientSampleId :

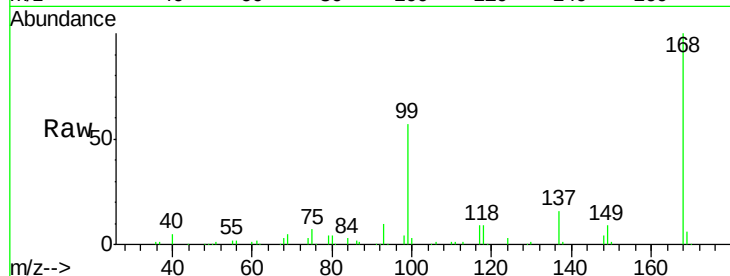
CS-18

Tot Ion:168 Resp: 610263

Ion Ratio Lower Upper

168 100

99 56.5 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.01

250000

200000

150000

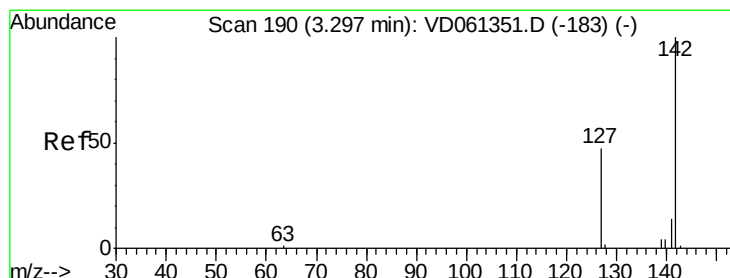
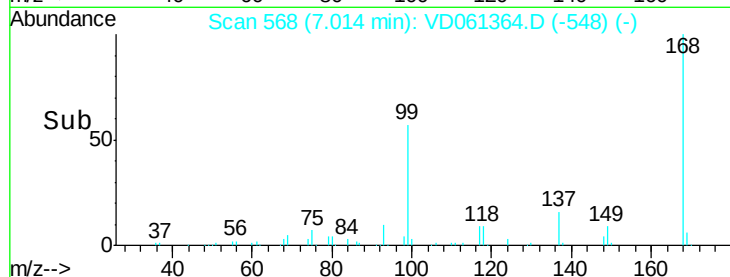
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#10

Methyl Iodide

Concen: 3.484 ug/l

RT: 3.30 min Scan# 191

Delta R.T. 0.01 min

Lab File: VD061364.D

Acq: 27 Mar 2019 20:15

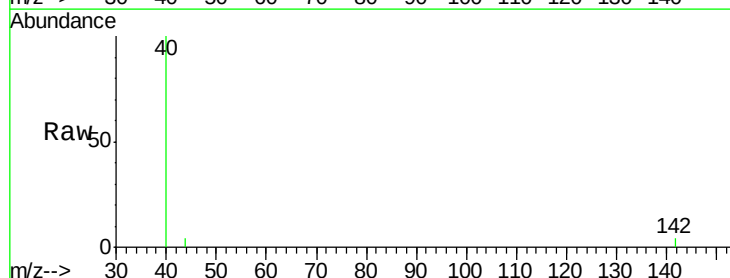
Tgt Ion:142 Resp: 229

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

3.30

500

400

300

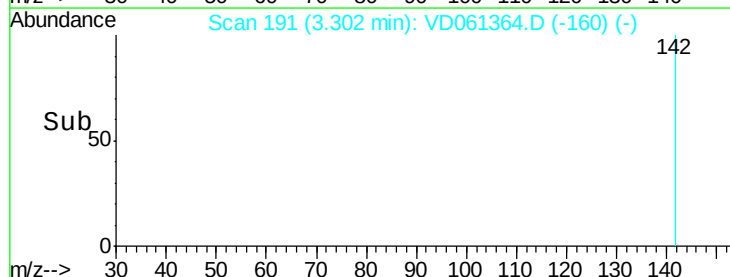
200

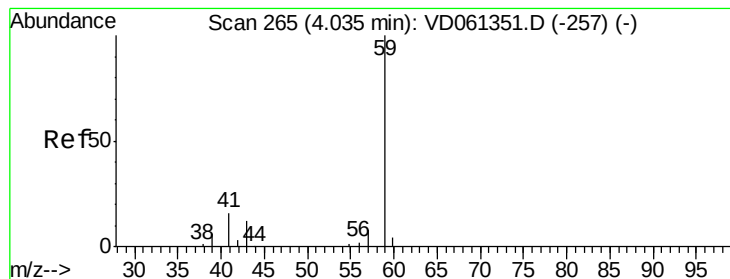
100

0

3.28 3.30 3.32

Time-->





#11

Tert butyl alcohol

Concen: 5.215 ug/l

RT: 3.97 min Scan# 259

Delta R.T. -0.06 min

Lab File: VD061364.D

Acq: 27 Mar 2019 20:15

Instrument :

MSVOA_D

ClientSampleId :

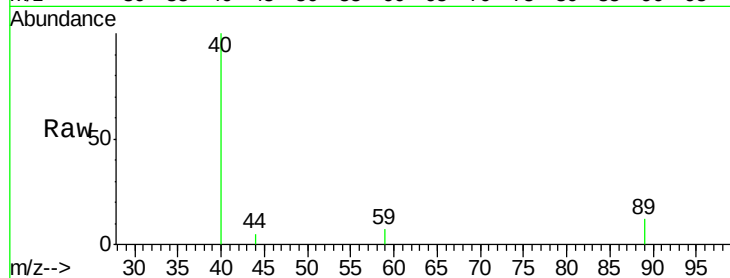
CS-18

Tot Ion: 59 Resp: 1693

Ion Ratio Lower Upper

59 100

57 0.0 6.7 10.1#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC

3.97

800

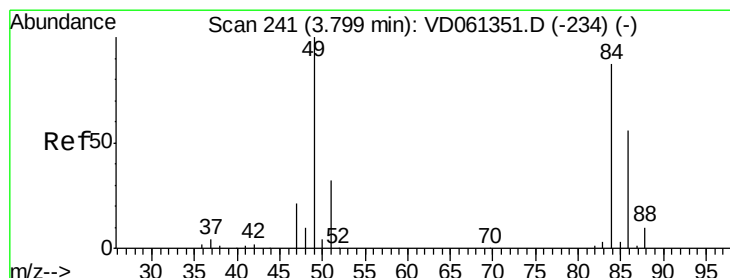
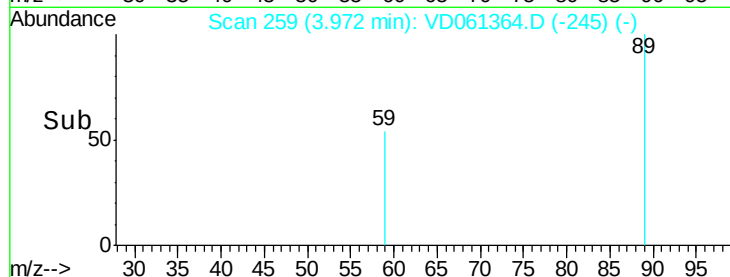
600

400

200

0

Time-->



#20

Methylene Chloride

Concen: 5.538 ug/l

RT: 3.79 min Scan# 241

Delta R.T. -0.00 min

Lab File: VD061364.D

Acq: 27 Mar 2019 20:15

Tgt Ion: 84 Resp: 54395

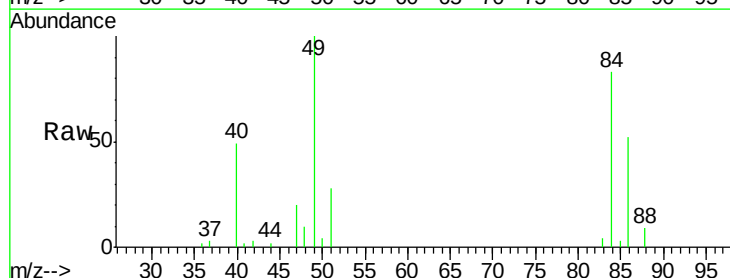
Ion Ratio Lower Upper

84 100

49 120.1 91.8 137.8

51 33.7 29.8 44.8

86 62.1 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

30000

25000

20000

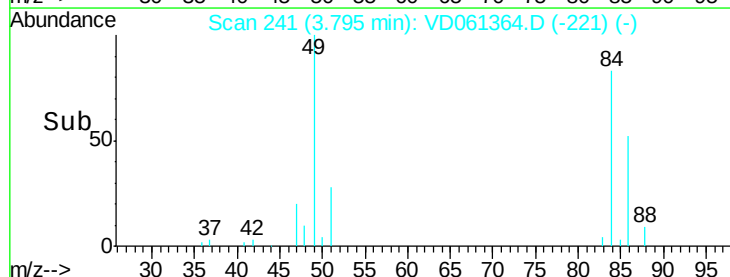
15000

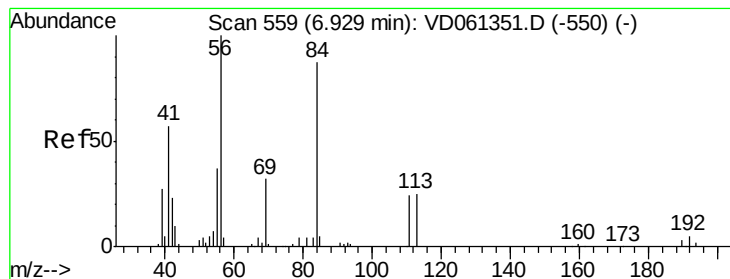
10000

5000

0

Time-->





#31

Cyclohexane

Concen: 1.083 ug/l

RT: 7.01 min Scan# 568

Delta R.T. 0.08 min

Lab File: VD061364.D

Acq: 27 Mar 2019 20:15

Instrument :

MSVOA_D

ClientSampleId :

CS-18

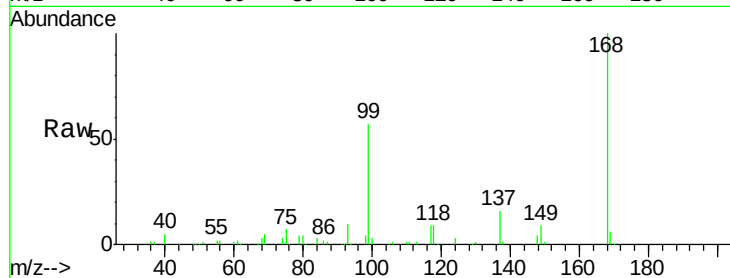
Tot Ion: 56 Resp: 9722

Ion Ratio Lower Upper

56 100

69 270.0 25.7 38.5#

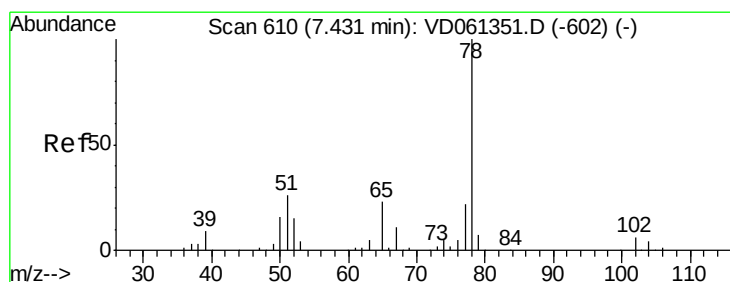
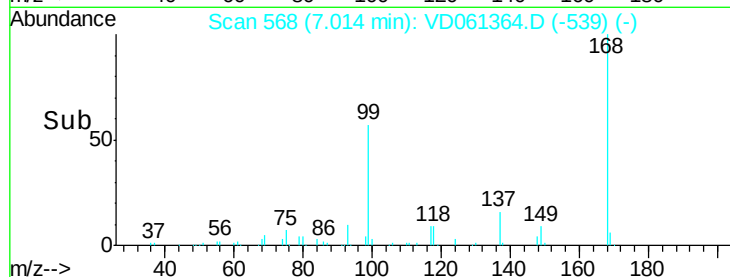
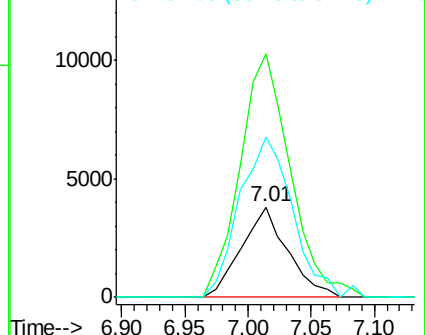
84 178.3 70.6 105.8#



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: 7.42 min Scan# 609

Delta R.T. -0.01 min

Lab File: VD061364.D

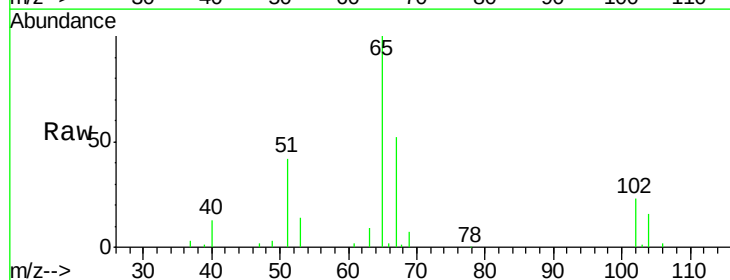
Acq: 27 Mar 2019 20:15

Tgt Ion: 65 Resp: 203710

Ion Ratio Lower Upper

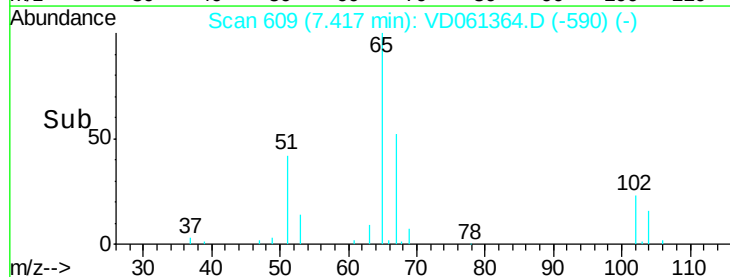
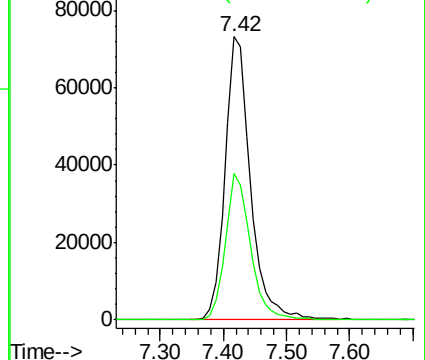
65 100

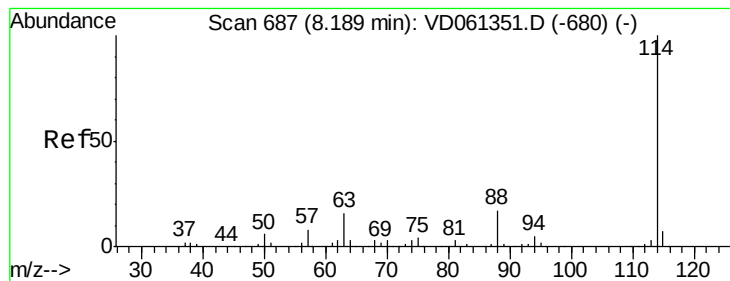
67 51.8 0.0 99.8



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: VD061364.D

Acq: 27 Mar 2019 20:15

Instrument :

MSVOA_D

ClientSampleId :

CS-18

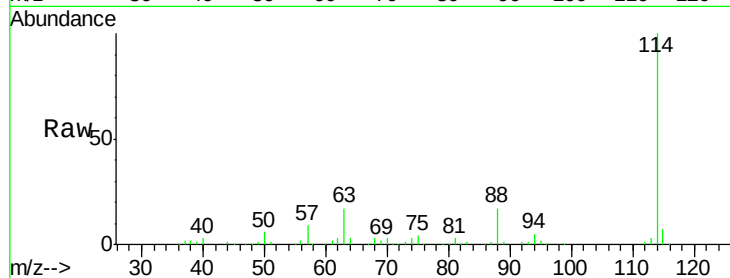
Tot Ion:114 Resp: 1077519

Ion Ratio Lower Upper

114 100

63 16.8 0.0 31.6

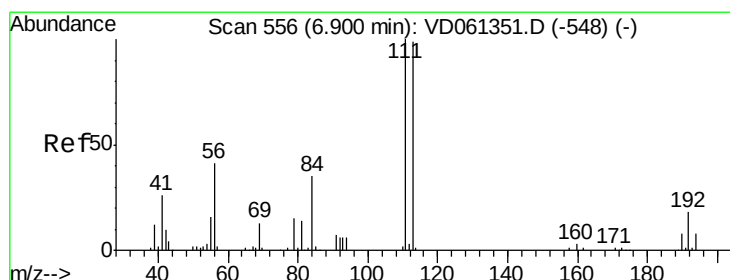
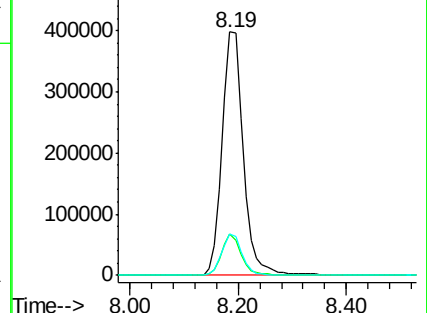
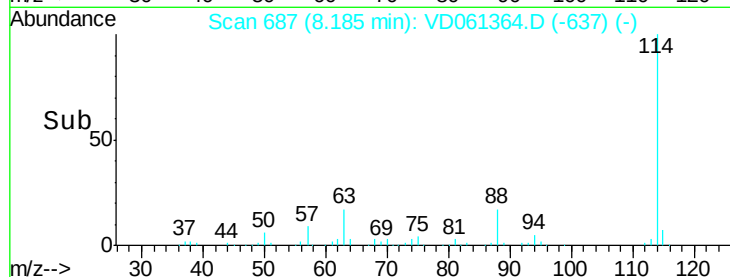
88 17.2 0.0 33.4



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: VD061364.D

Acq: 27 Mar 2019 20:15

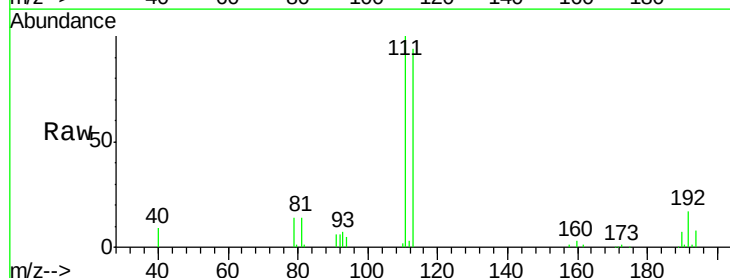
Tgt Ion:113 Resp: 337556

Ion Ratio Lower Upper

113 100

111 106.1 81.0 121.6

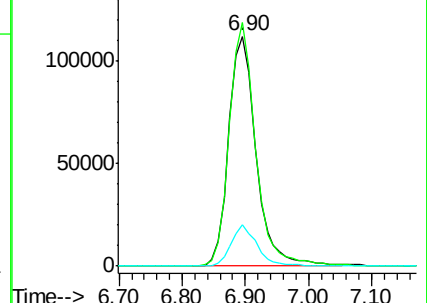
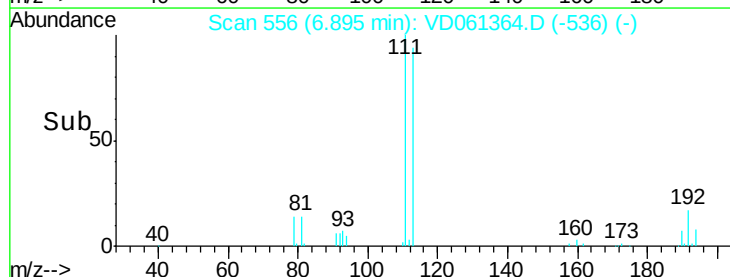
192 18.0 14.4 21.6

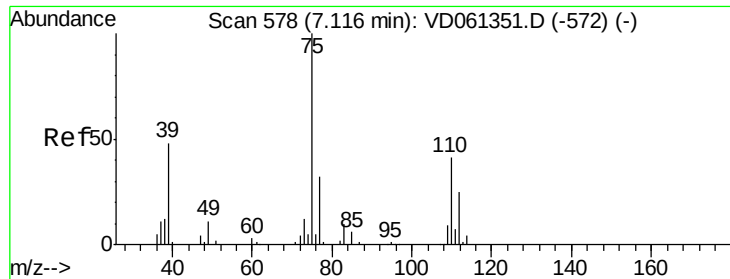


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

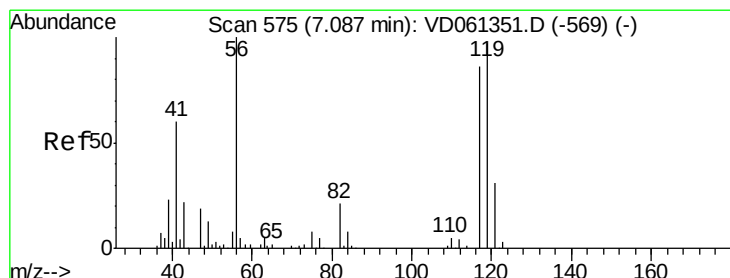
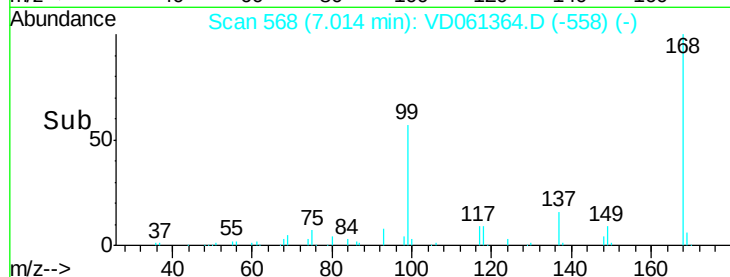
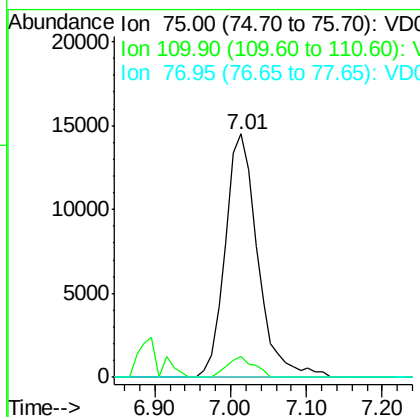
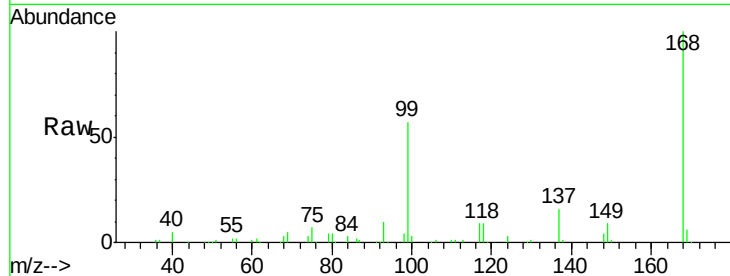




#36
 1,1-Dichloropropene
 Concen: 4.572 ug/l
 RT: 7.01 min Scan# 568
 Delta R.T. -0.10 min
 Lab File: VD061364.D
 Acq: 27 Mar 2019 20:15

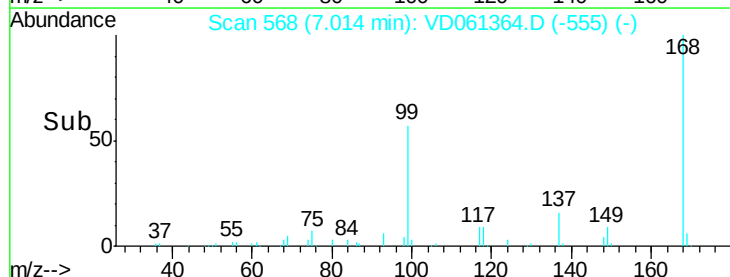
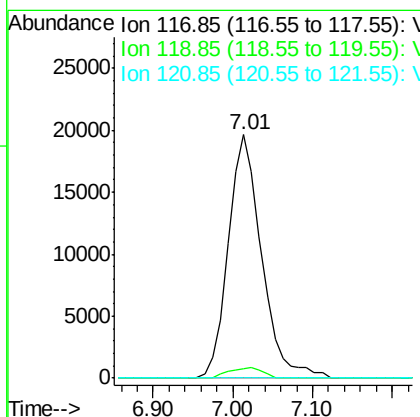
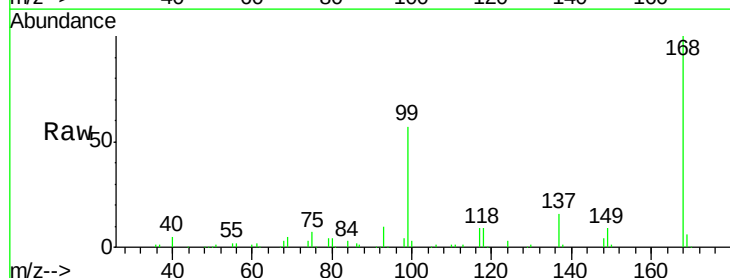
Instrument :
 MSVOA_D
 ClientSampleId :
 CS-18

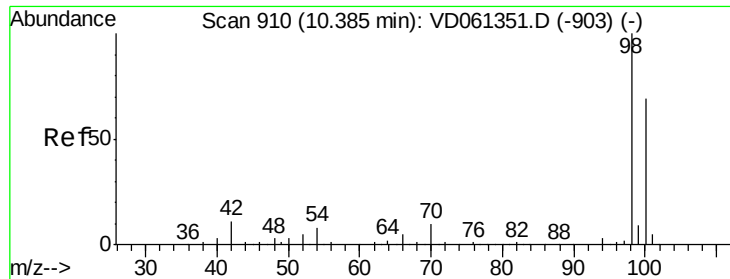
Tot Ion	75	Resp	42999
Ion Ratio	Lower	Upper	
75	100		
110	8.6	20.4	61.3#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.348 ug/l
 RT: 7.01 min Scan# 568
 Delta R.T. -0.07 min
 Lab File: VD061364.D
 Acq: 27 Mar 2019 20:15

Tgt Ion	117	Resp	57262
Ion Ratio	Lower	Upper	
117	100		
119	3.7	80.1	120.1#
121	0.0	25.6	38.4#

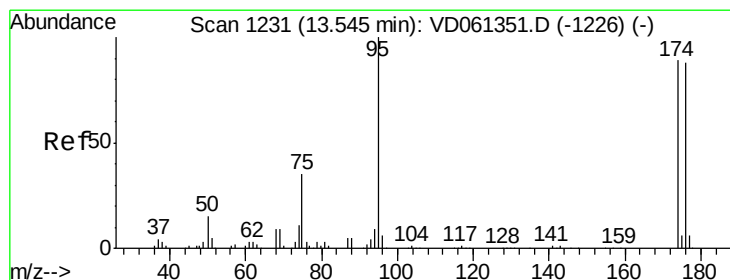
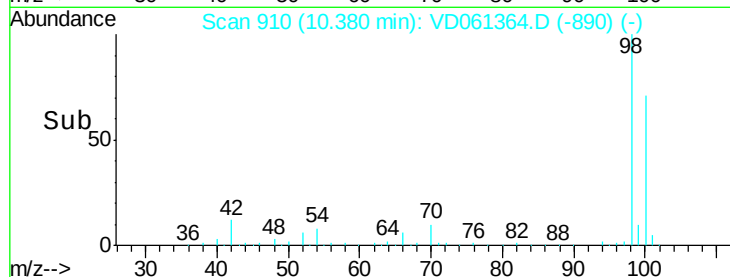
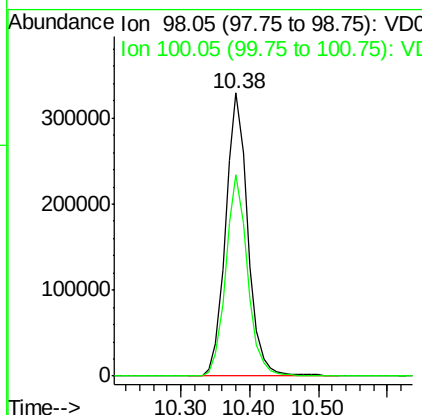
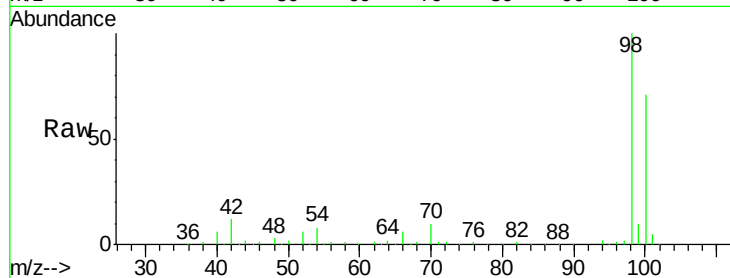




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.38 min Scan# 910
Delta R.T. -0.00 min
Lab File: VD061364.D
Acq: 27 Mar 2019 20:15

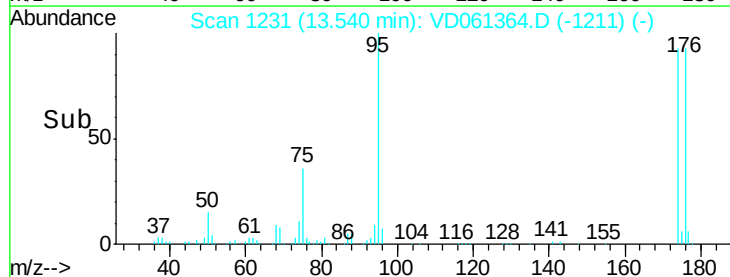
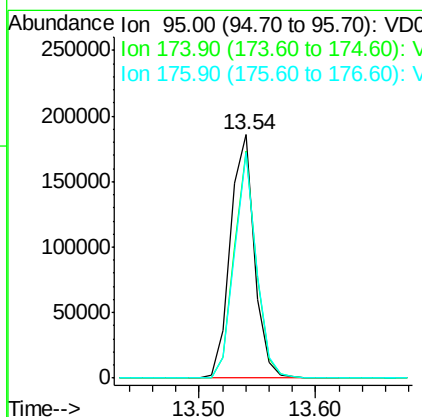
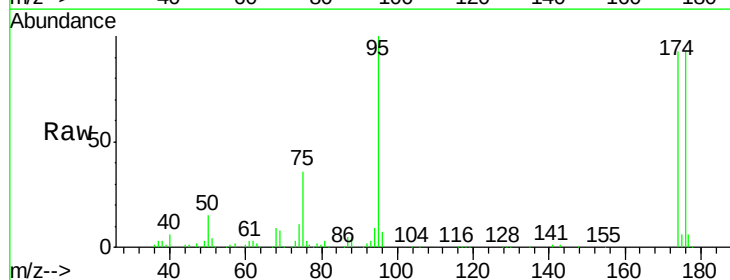
Instrument :
MSVOA_D
ClientSampled :
CS-18

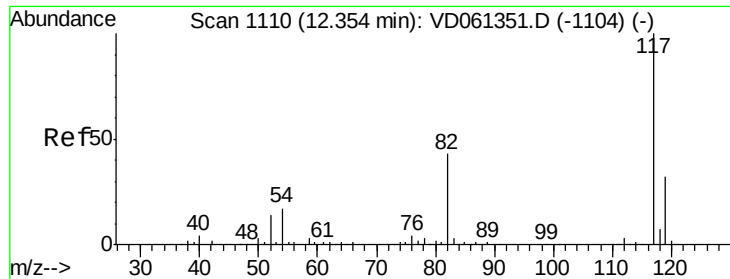
Tot Ion: 98 Resp: 732481
Ion Ratio Lower Upper
98 100
100 71.4 56.2 84.2



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD061364.D
Acq: 27 Mar 2019 20:15

Tgt Ion: 95 Resp: 265492
Ion Ratio Lower Upper
95 100
174 93.2 0.0 178.0
176 92.9 0.0 175.0

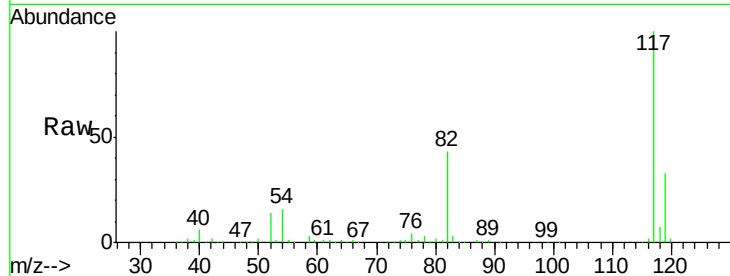




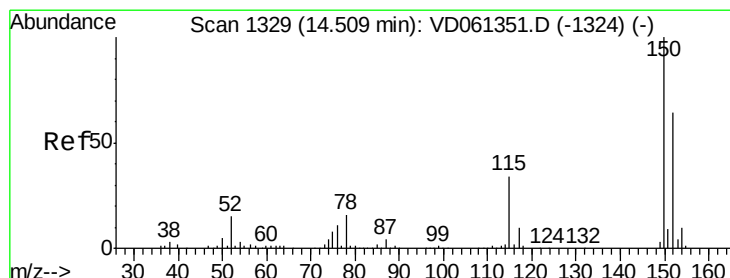
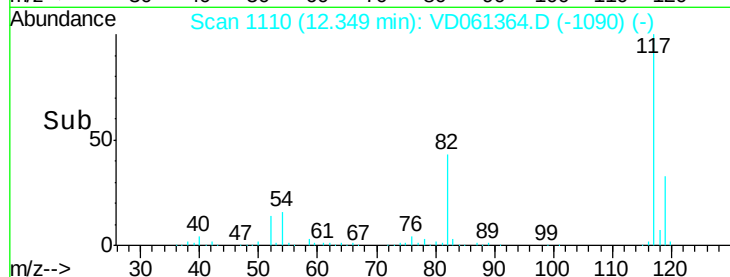
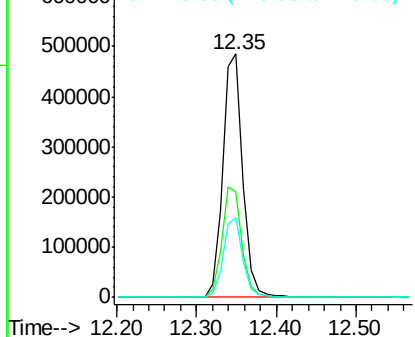
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD061364.D
Acq: 27 Mar 2019 20:15

Instrument :
MSVOA_D
ClientSampleId :
CS-18

Tot Ion:117 Resp: 853507
Ion Ratio Lower Upper
117 100
82 43.2 34.4 51.6
119 33.0 25.8 38.6

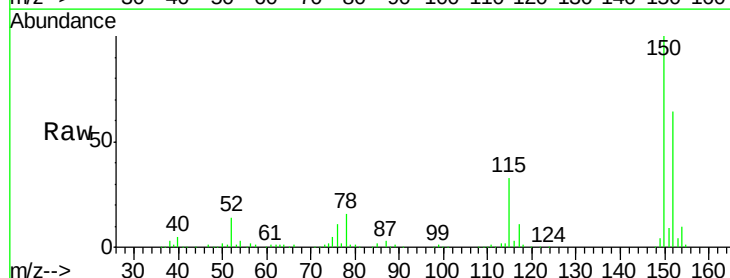


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

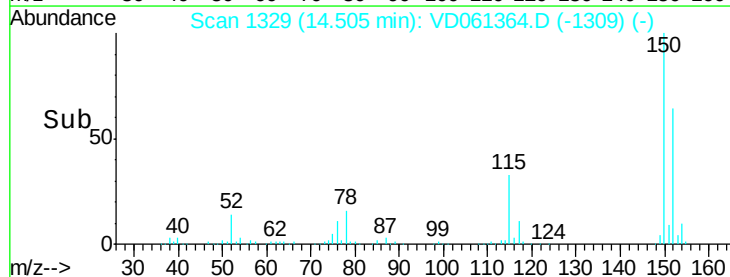
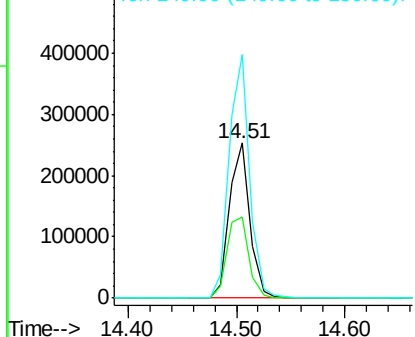


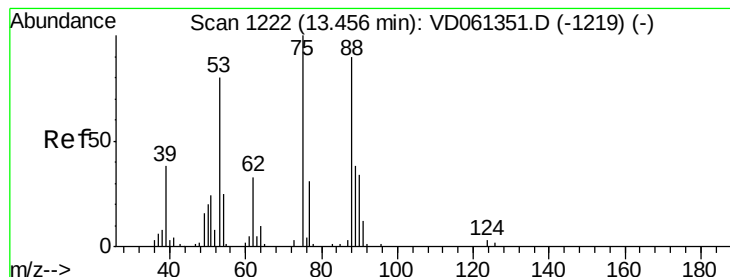
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD061364.D
Acq: 27 Mar 2019 20:15

Tgt Ion:152 Resp: 334043
Ion Ratio Lower Upper
152 100
115 52.5 26.9 80.6
150 157.1 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: 67.161 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.08 min

Lab File: VD061364.D

Acq: 27 Mar 2019 20:15

Instrument :

MSVOA_D

ClientSampleId :

CS-18

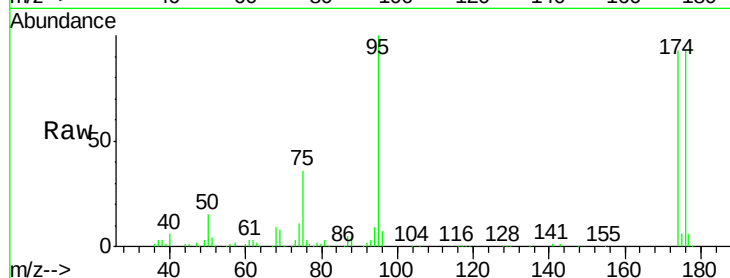
Tot Ion: 75 Resp: 98810

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

