

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041719\
 Data File : VD061857.D
 Acq On : 17 Apr 2019 17:18
 Operator : VA/AP
 Sample : K2204-01
 Misc : 4.46g/5ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-041119

Quant Time: Apr 17 18:16:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 08:53:01 2019
 Response via : Initial Calibration

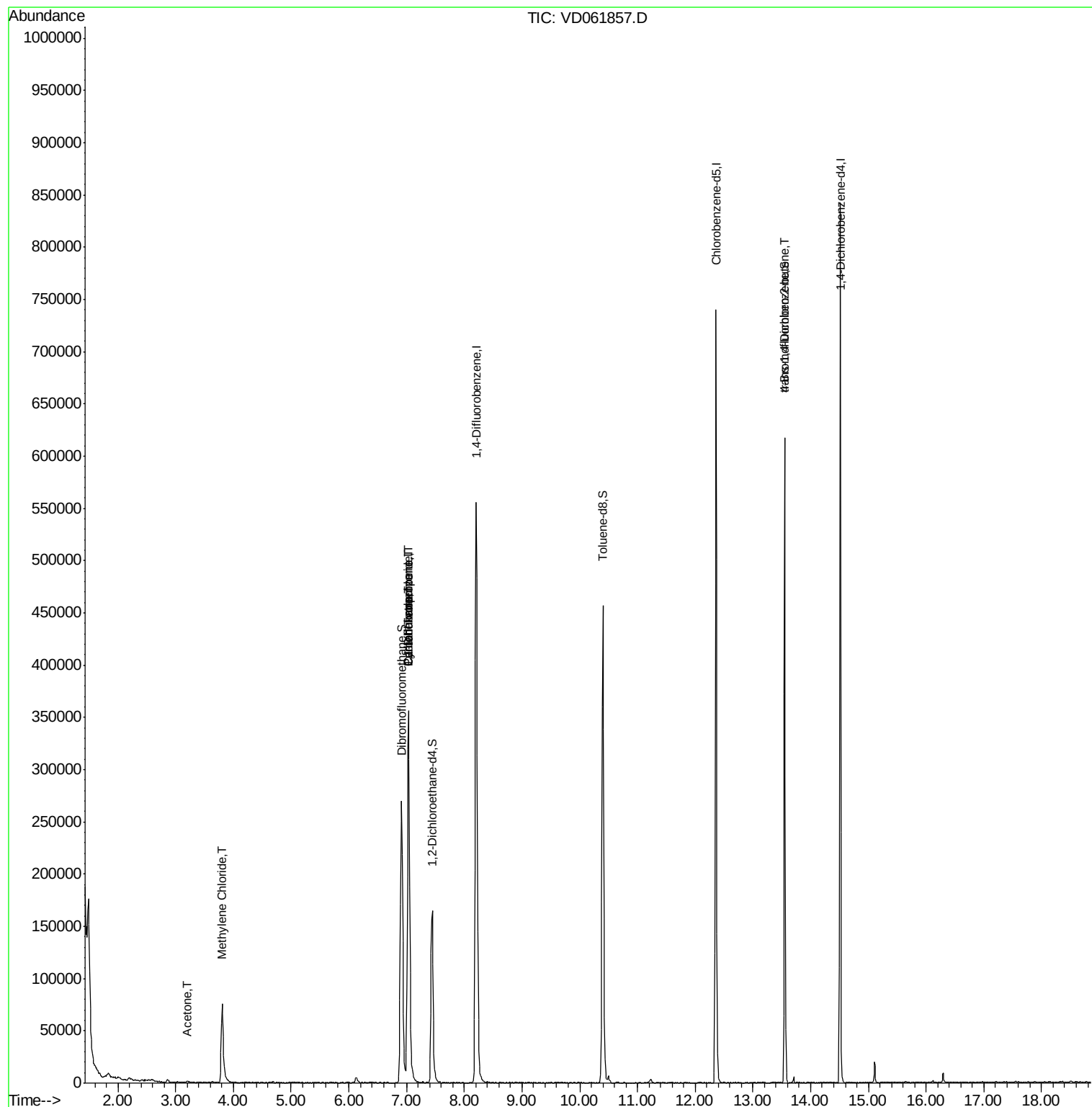
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	367118	50.00	ug/l	-0.06
34) 1,4-Difluorobenzene	8.20	114	654675	50.00	ug/l	-0.06
63) Chlorobenzene-d5	12.36	117	448958	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	14.52	152	206024	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	172399	56.03	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	112.06%	
35) Dibromofluoromethane	6.92	113	255447	51.65	ug/l	-0.06
Spiked Amount 50.000			Recovery	=	103.30%	
50) Toluene-d8	10.40	98	381456	32.55	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	65.10%	
62) 4-Bromofluorobenzene	13.55	95	183831	38.70	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	77.40%	
Target Compounds						
5) Bromomethane	2.17	94	237	Below Cal	#	12
16) Acetone	3.20	43	2351	3.100	ug/l #	50
20) Methylene Chloride	3.80	84	53829	10.673	ug/l	95
31) Cyclohexane	7.03	56	5385	1.156	ug/l #	1
36) 1,1-Dichloropropene	7.03	75	26595	4.971	ug/l #	46
38) Carbon Tetrachloride	7.03	117	37269	5.517	ug/l #	17
81) trans-1,4-Dichloro-2-buten	13.55	75	70899	78.797	ug/l #	16

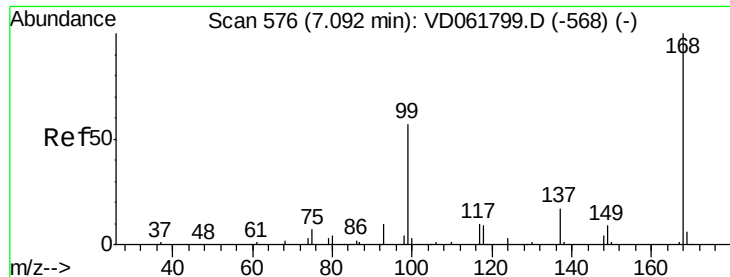
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 16 08:53:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.06 min

Lab File: VD061857.D

Acq: 17 Apr 2019 17:18

Instrument :

MSVOA_D

ClientSampleId :

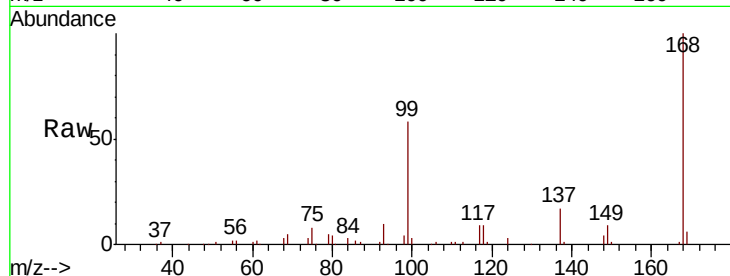
TR-04-041119

Tgt Ion:168 Resp: 367118

Ion Ratio Lower Upper

168 100

99 57.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

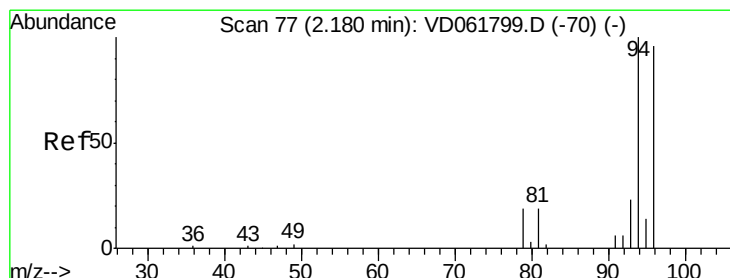
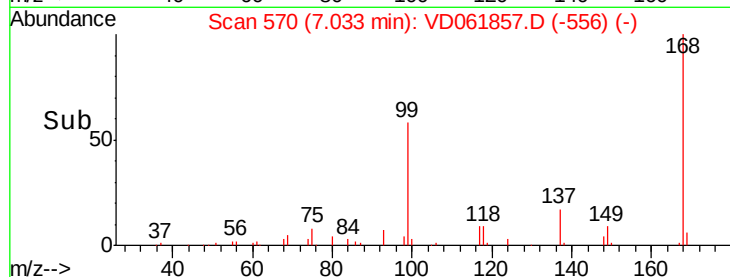
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.17 min Scan# 76

Delta R.T. -0.01 min

Lab File: VD061857.D

Acq: 17 Apr 2019 17:18

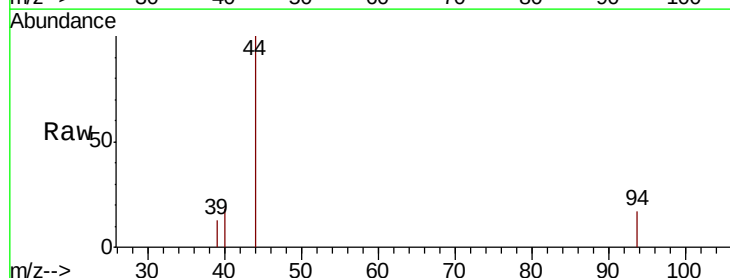
Tgt Ion: 94 Resp: 237

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

93 0.0 18.5 27.7#



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

2.17

500

400

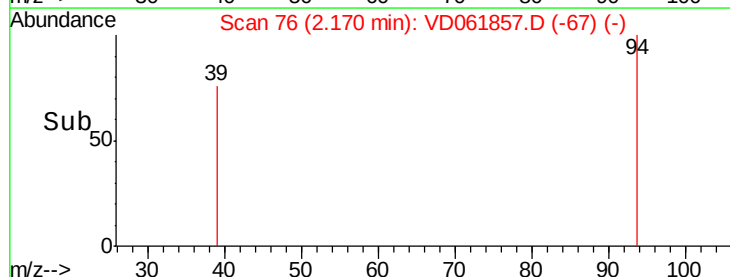
300

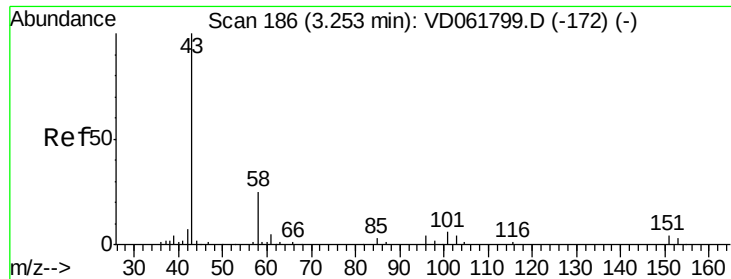
200

100

0

Time-->





#16

Acetone

Concen: 3.100 ug/l

RT: 3.20 min Scan# 181

Delta R.T. -0.05 min

Lab File: VD061857.D

Acq: 17 Apr 2019 17:18

Instrument :

MSVOA_D

ClientSampleId :

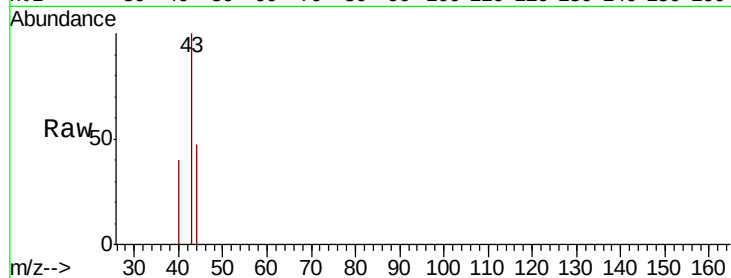
TR-04-041119

Tgt Ion: 43 Resp: 2351

Ion Ratio Lower Upper

43 100

58 0.0 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.20

1200

1000

800

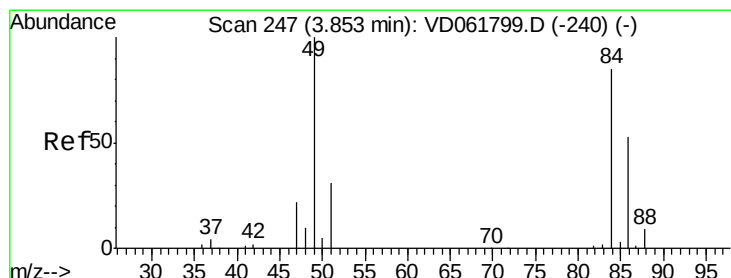
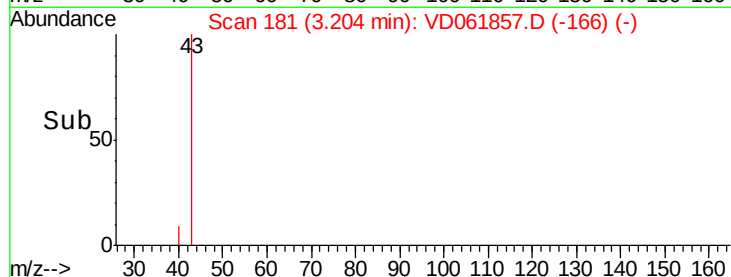
600

400

200

0

Time-->



#20

Methylene Chloride

Concen: 10.673 ug/l

RT: 3.80 min Scan# 242

Delta R.T. -0.05 min

Lab File: VD061857.D

Acq: 17 Apr 2019 17:18

Tgt Ion: 84 Resp: 53829

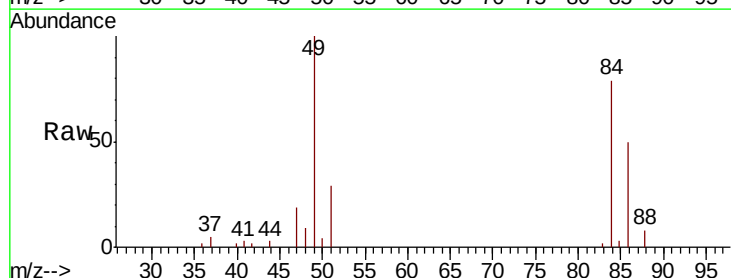
Ion Ratio Lower Upper

84 100

49 126.6 94.0 141.0

51 37.1 29.0 43.4

86 63.8 49.8 74.6



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

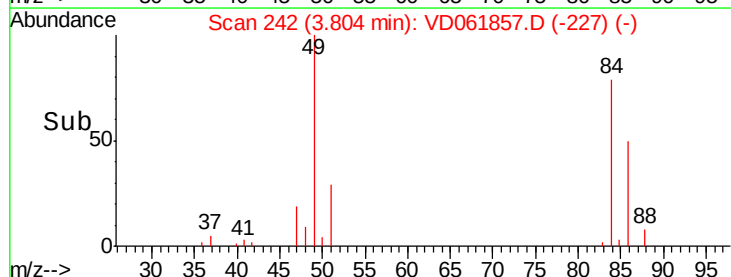
30000

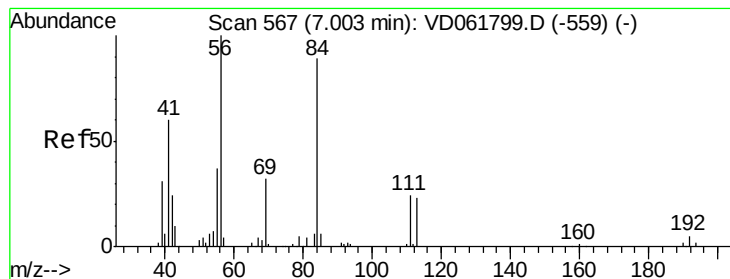
20000

10000

0

Time-->





#31

Cyclohexane

Concen: 1.156 ug/l

RT: 7.03 min Scan# 570

Delta R.T. 0.03 min

Lab File: VD061857.D

Acq: 17 Apr 2019 17:18

Instrument :

MSVOA_D

ClientSampleId :

TR-04-041119

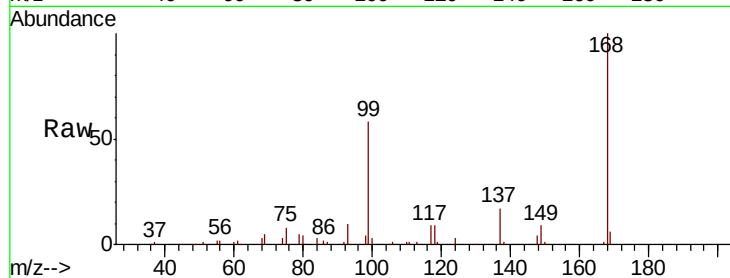
Tgt Ion: 56 Resp: 5385

Ion Ratio Lower Upper

56 100

69 286.6 25.8 38.6#

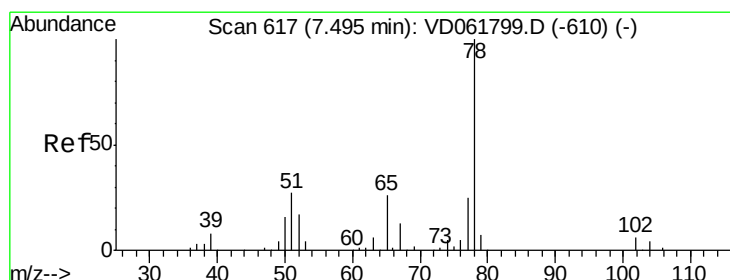
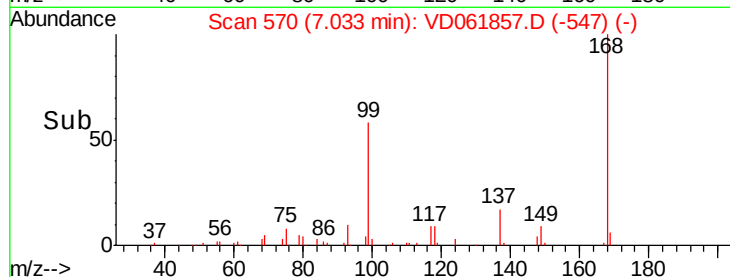
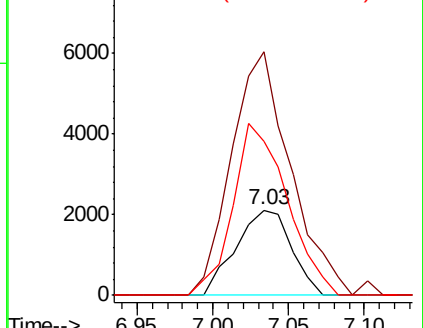
84 181.0 72.2 108.4#



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: 7.45 min Scan# 612

Delta R.T. -0.05 min

Lab File: VD061857.D

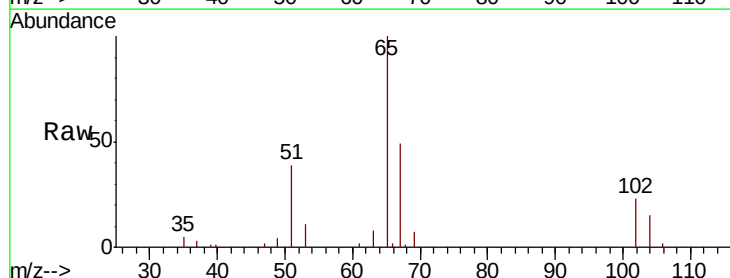
Acq: 17 Apr 2019 17:18

Tgt Ion: 65 Resp: 172399

Ion Ratio Lower Upper

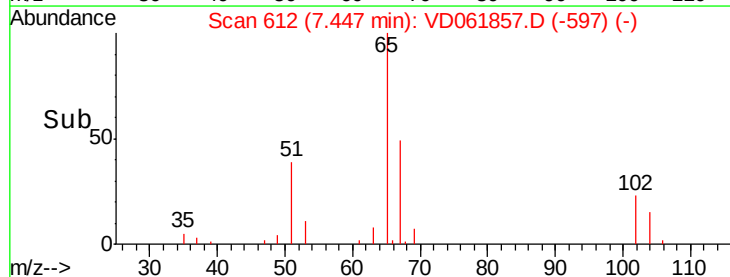
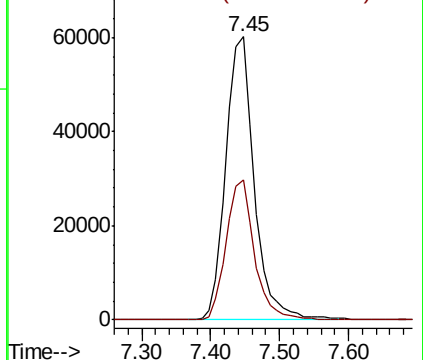
65 100

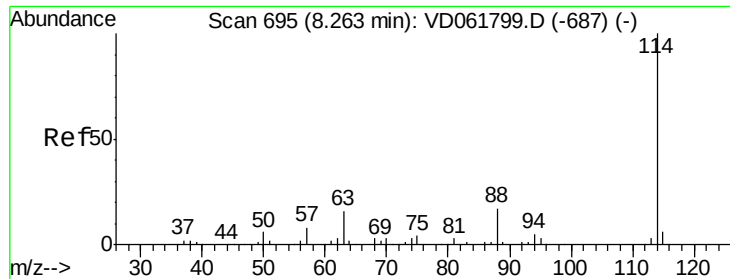
67 49.4 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

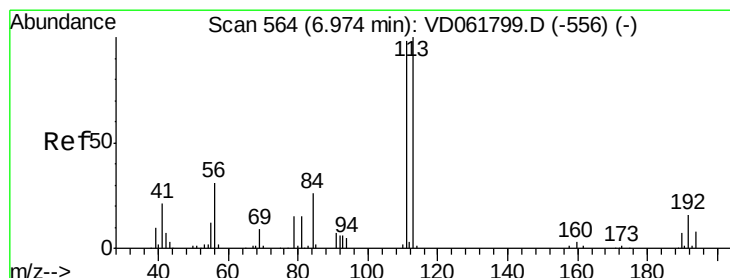
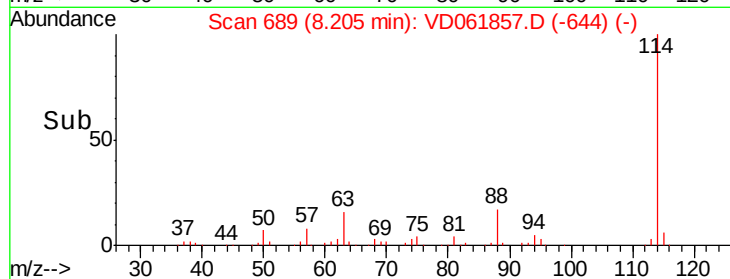
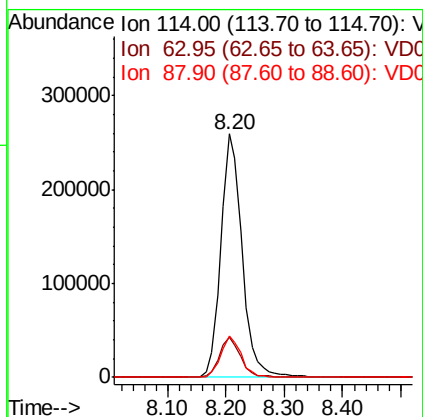
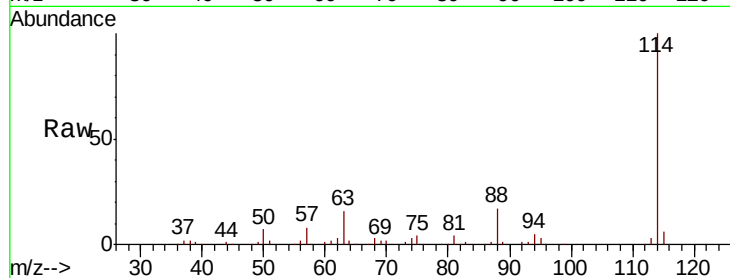




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. -0.06 min
 Lab File: VD061857.D
 Acq: 17 Apr 2019 17:18

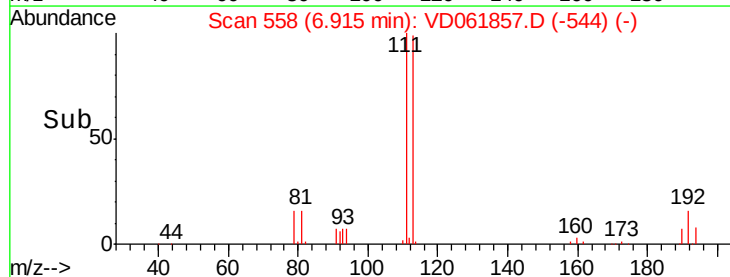
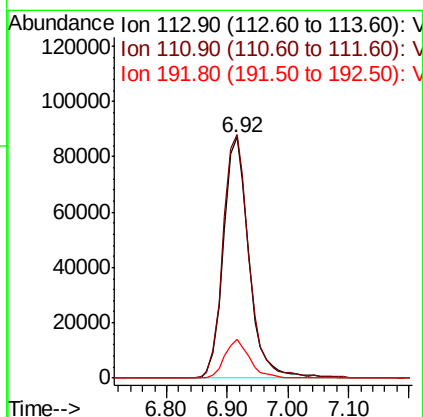
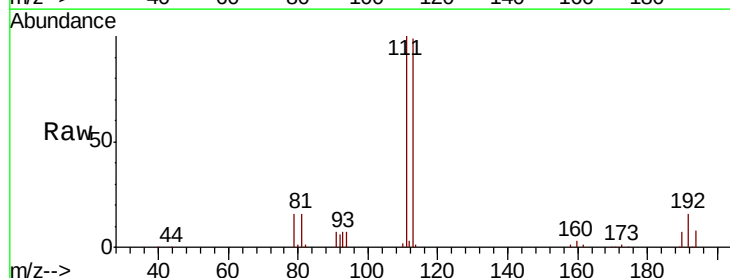
Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-041119

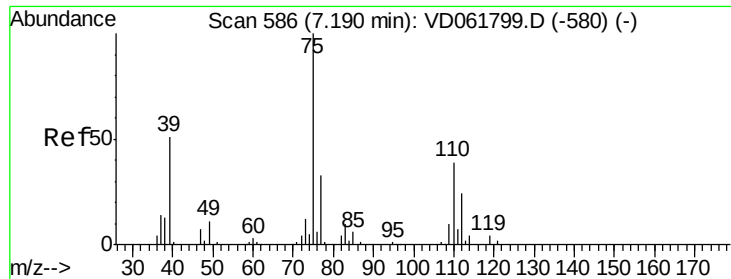
Tgt Ion:114 Resp: 654675
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 32.4
 88 17.1 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.06 min
 Lab File: VD061857.D
 Acq: 17 Apr 2019 17:18

Tgt Ion:113 Resp: 255447
 Ion Ratio Lower Upper
 113 100
 111 101.3 78.5 117.7
 192 16.0 13.0 19.4

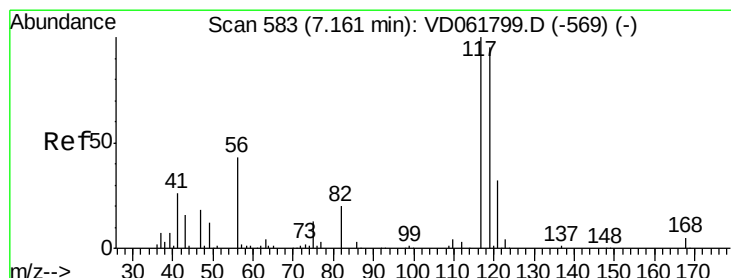
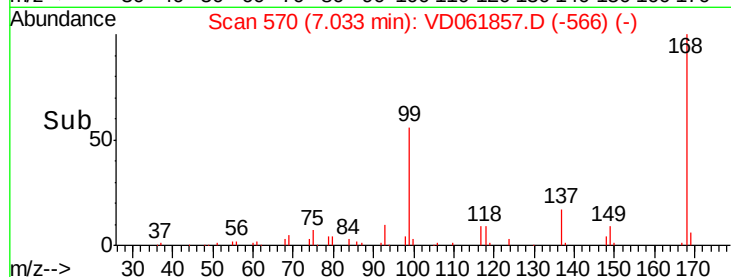
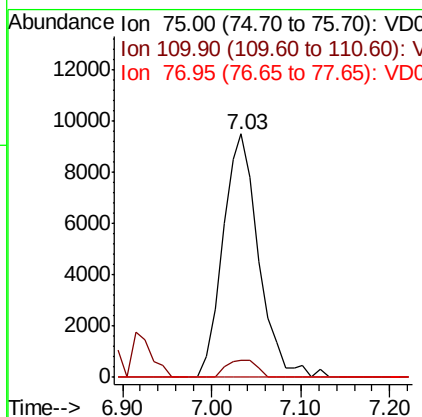
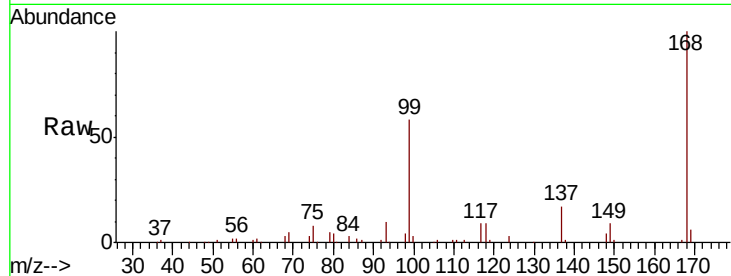




#36
 1,1-Dichloropropene
 Concen: 4.971 ug/l
 RT: 7.03 min Scan# 570
 Delta R.T. -0.16 min
 Lab File: VD061857.D
 Acq: 17 Apr 2019 17:18

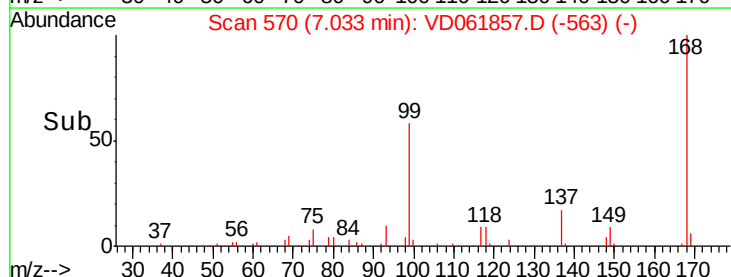
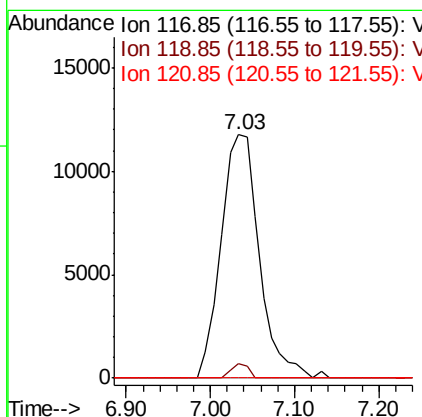
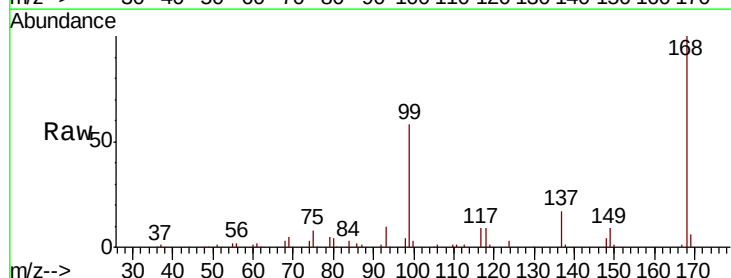
Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-041119

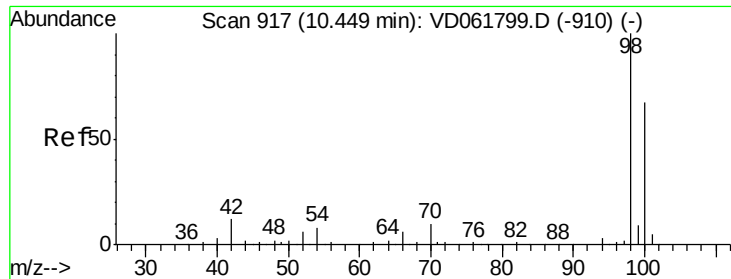
Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.9	19.1	57.1#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 5.517 ug/l
 RT: 7.03 min Scan# 570
 Delta R.T. -0.13 min
 Lab File: VD061857.D
 Acq: 17 Apr 2019 17:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.9	75.8	113.8#
121	0.0	25.9	38.9#

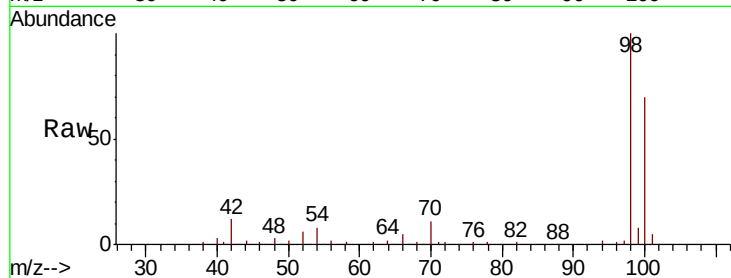




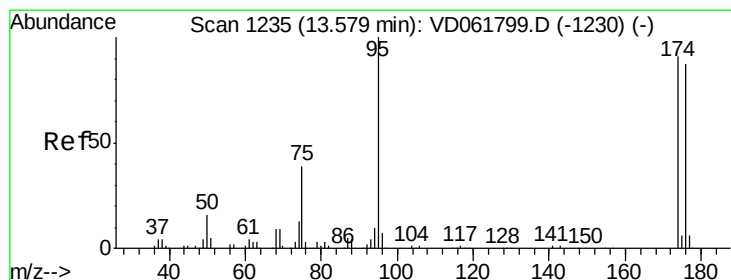
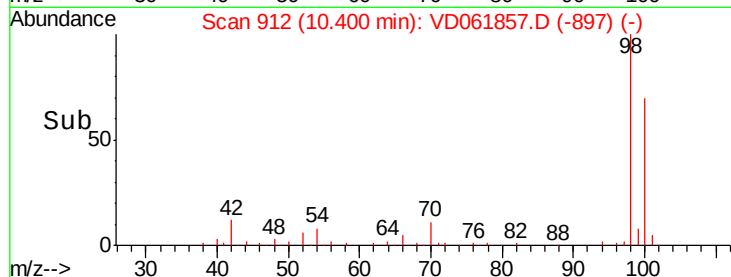
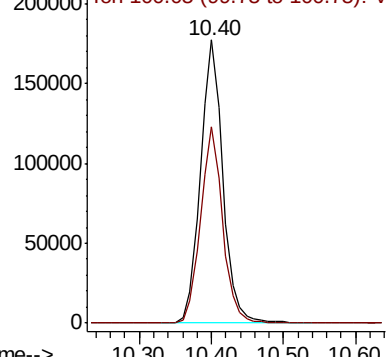
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.05 min
Lab File: VD061857.D
Acq: 17 Apr 2019 17:18

Instrument :
MSVOA_D
ClientSampleId :
TR-04-041119

Tgt Ion: 98 Resp: 381456
Ion Ratio Lower Upper
98 100
100 69.6 53.8 80.8

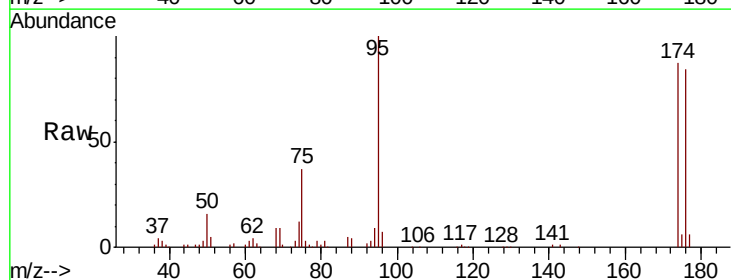


Abundance Ion 98.05 (97.75 to 98.75): VD061799.D (-910) (-)
Ion 100.05 (99.75 to 100.75): VD061799.D (-910) (-)

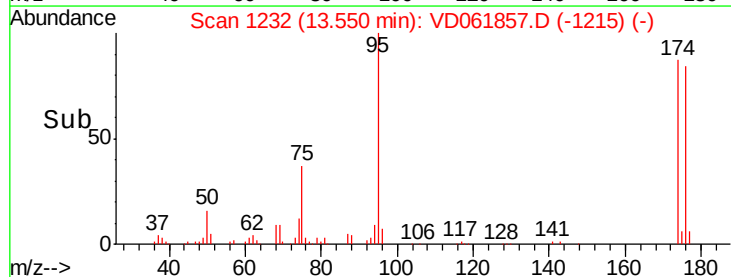
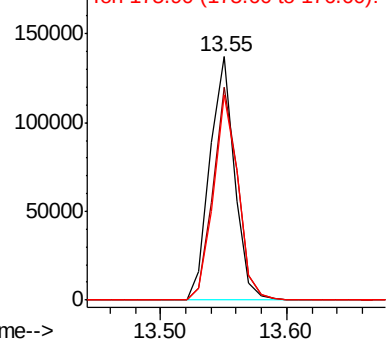


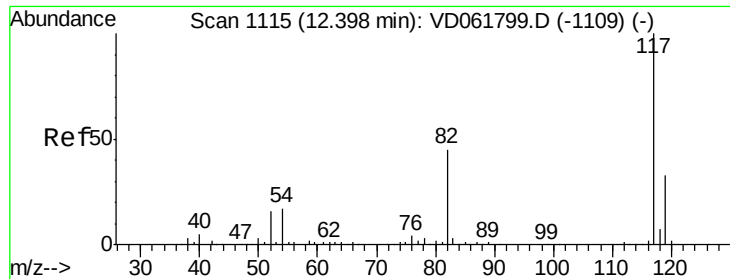
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.03 min
Lab File: VD061857.D
Acq: 17 Apr 2019 17:18

Tgt Ion: 95 Resp: 183831
Ion Ratio Lower Upper
95 100
174 87.5 0.0 181.8
176 84.2 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD061799.D (-1230) (-)
Ion 173.90 (173.60 to 174.60): VD061799.D (-1230) (-)
Ion 175.90 (175.60 to 176.60): VD061799.D (-1230) (-)

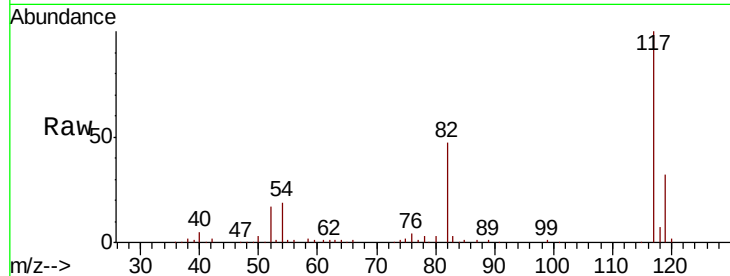




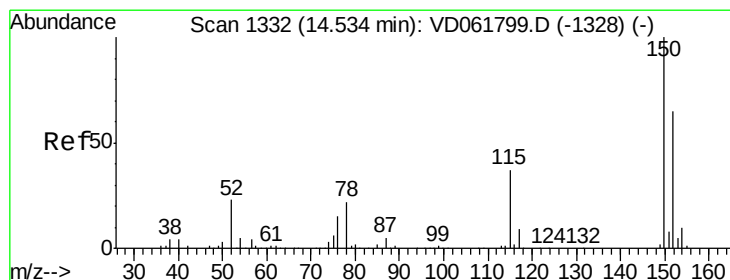
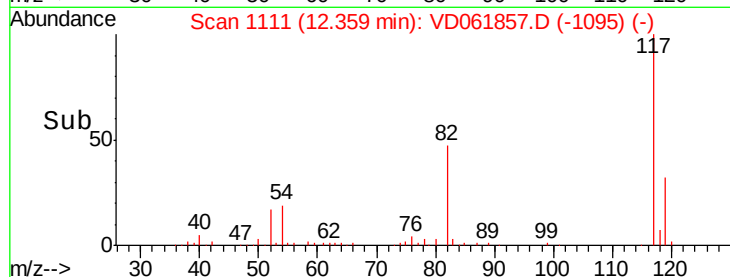
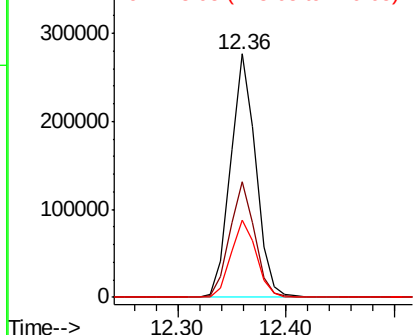
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.04 min
Lab File: VD061857.D
Acq: 17 Apr 2019 17:18

Instrument :
MSVOA_D
ClientSampleId :
TR-04-041119

Tgt Ion:117 Resp: 448958
Ion Ratio Lower Upper
117 100
82 47.3 36.2 54.2
119 31.5 26.2 39.4

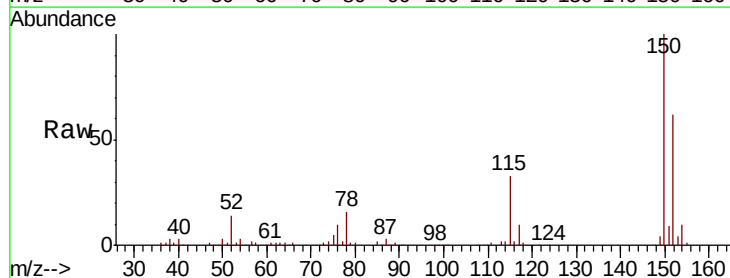


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

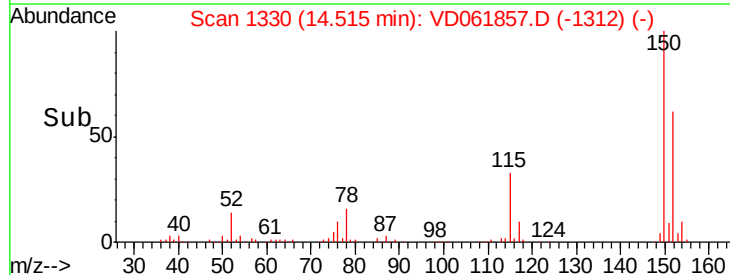
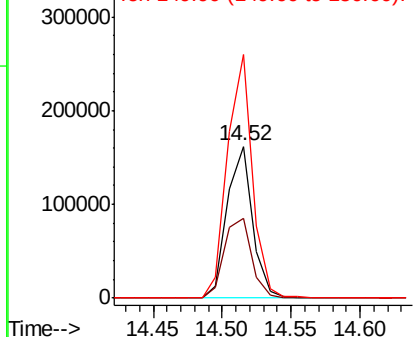


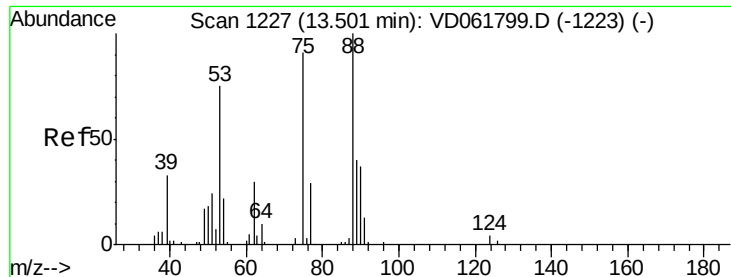
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.02 min
Lab File: VD061857.D
Acq: 17 Apr 2019 17:18

Tgt Ion:152 Resp: 206024
Ion Ratio Lower Upper
152 100
115 52.6 30.9 92.7
150 160.7 0.0 314.8



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: 78.797 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.05 min

Lab File: VD061857.D

Acq: 17 Apr 2019 17:18

Instrument :

MSVOA_D

ClientSampleId :

TR-04-041119

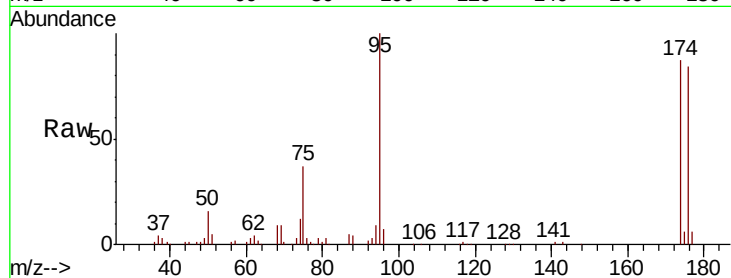
Tgt Ion: 75 Resp: 70899

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#



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

