

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070119\
 Data File : VD062988.D
 Acq On : 1 Jul 2019 14:20
 Operator : VA/AP
 Sample : K3563-03RE
 Misc : 6.81g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 02 07:34:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

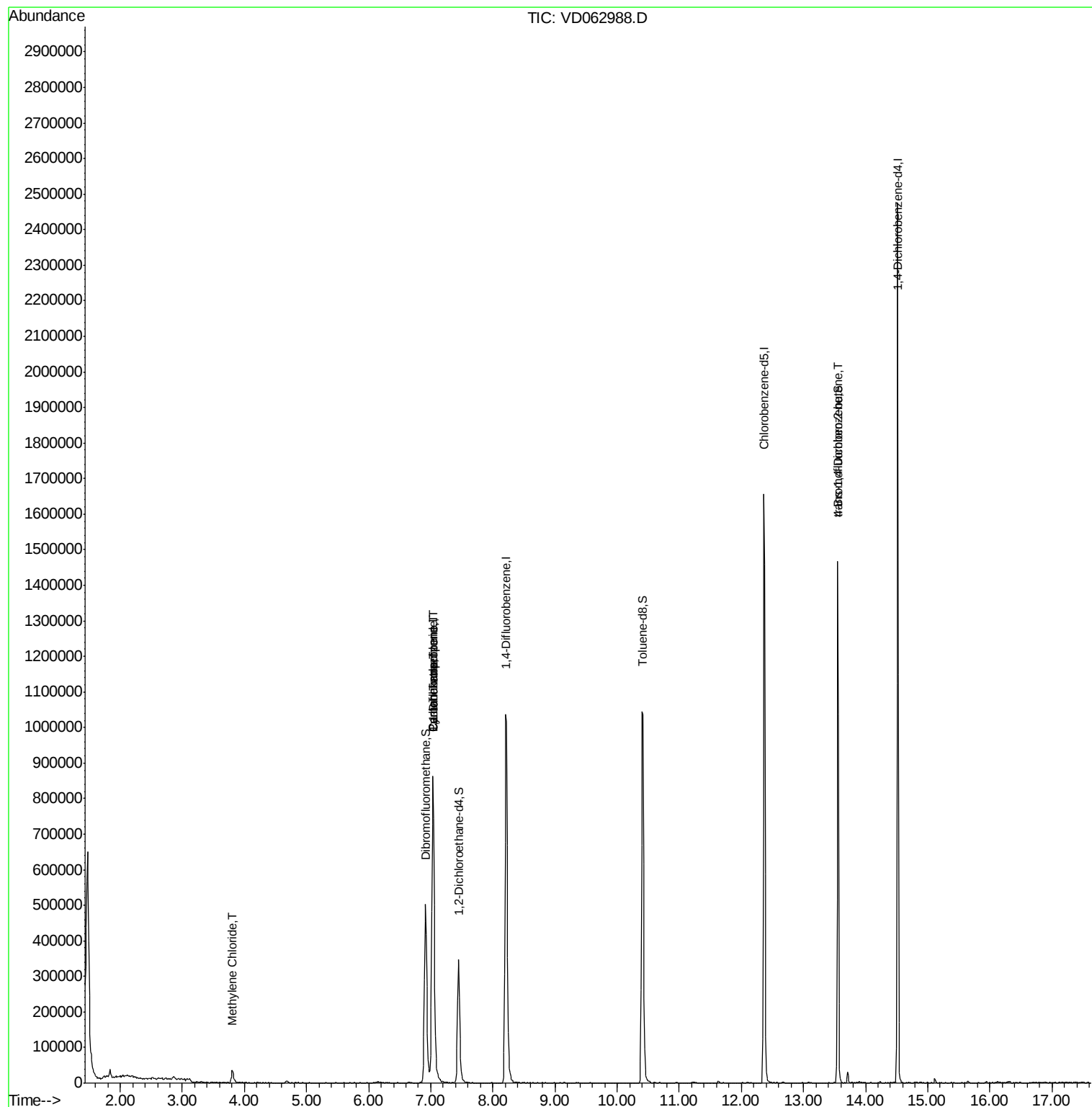
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	836988	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	1128353	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	905135	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	492338	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	401335	44.11	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	88.22%	
35) Dibromofluoromethane	6.92	113	443244	46.59	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	93.18%	
50) Toluene-d8	10.41	98	874529	42.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.46%	
62) 4-Bromofluorobenzene	13.55	95	383304	40.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.42%	
Target Compounds						
16) Acetone	3.23	43	2626	Below Cal	#	64
20) Methylene Chloride	3.80	84	20205	2.912	ug/l	92
31) Cyclohexane	7.04	56	19346	2.264	ug/l #	8
36) 1,1-Dichloropropene	7.04	75	66608	6.236	ug/l #	56
37) Ethyl Acetate	6.24	43	223	Below Cal	#	69
38) Carbon Tetrachloride	7.04	117	85684	5.334	ug/l #	15
81) trans-1,4-Dichloro-2-buten	13.55	75	183870	123.435	ug/l #	2

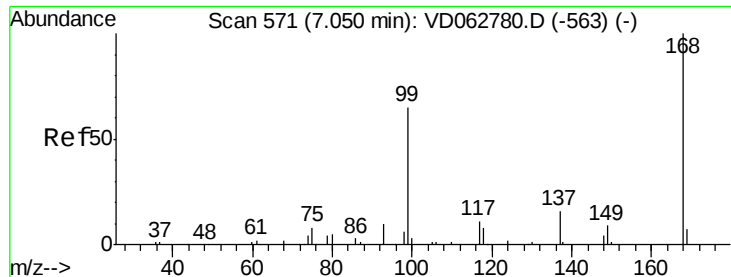
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD062988.D

Acq: 1 Jul 2019 14:20

Instrument :

MSVOA_D

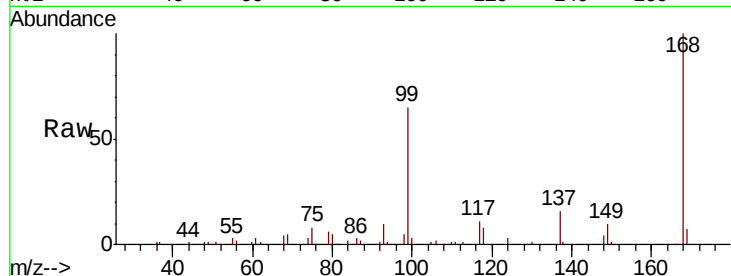
ClientSampled :

Tot Ion:168 Resp: 836988

Ion Ratio Lower Upper

168 100

99 65.1 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

300000

250000

200000

150000

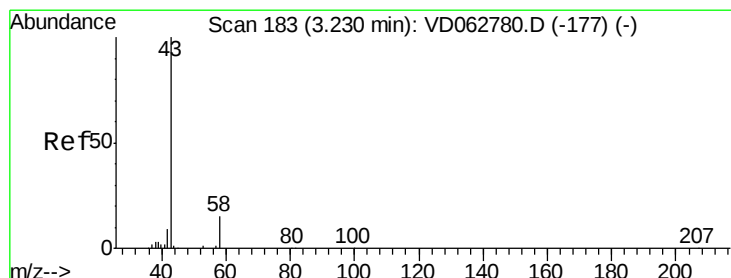
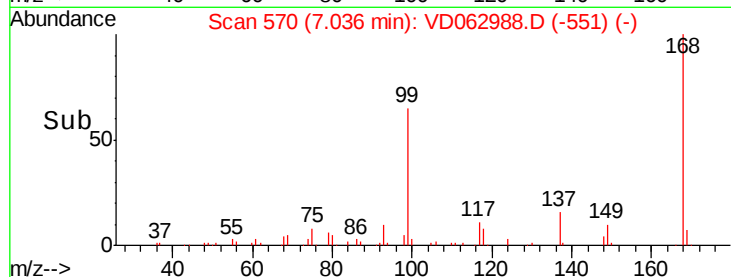
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: Below Cal

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD062988.D

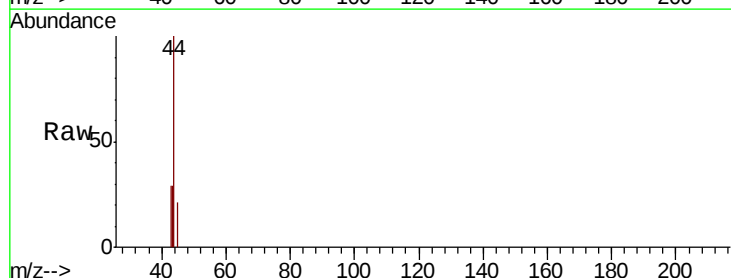
Acq: 1 Jul 2019 14:20

Tgt Ion: 43 Resp: 2626

Ion Ratio Lower Upper

43 100

58 0.0 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

1200

1000

800

600

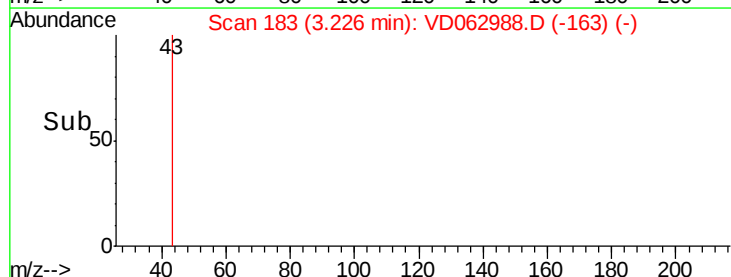
400

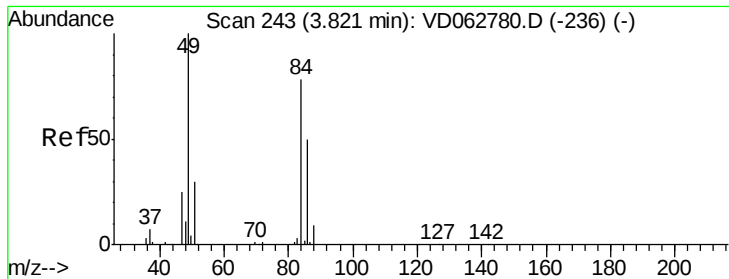
200

0

Time-->

3.15 3.20 3.25 3.30

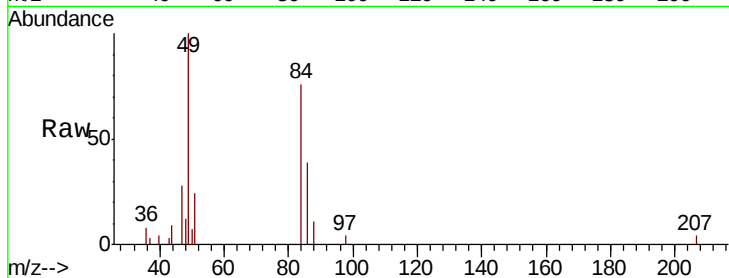




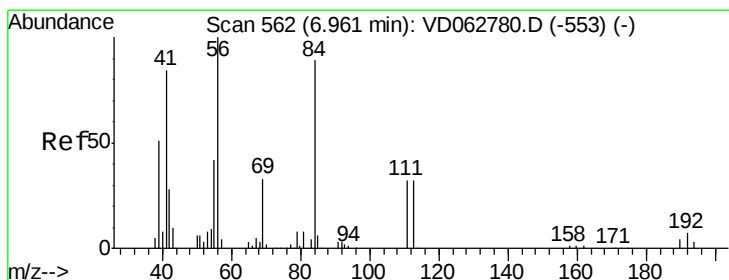
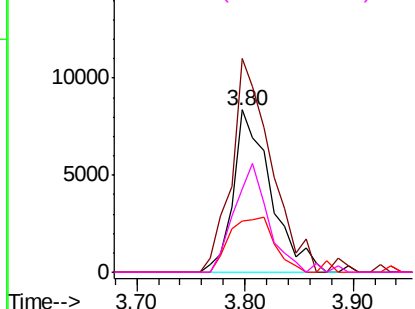
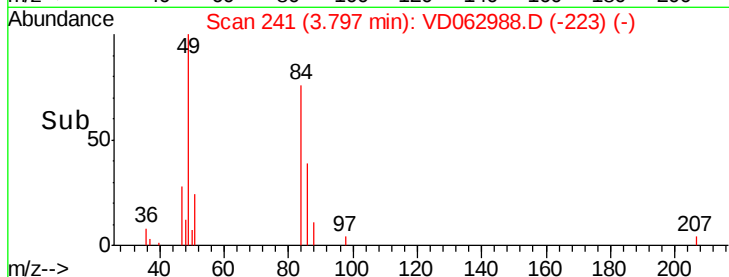
#20
Methylene Chloride
Concen: 2.912 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.02 min
Lab File: VD062988.D
Acq: 1 Jul 2019 14:20

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 20205
Ion Ratio Lower Upper
84 100
49 131.9 102.9 154.3
51 31.4 31.2 46.8
86 51.6 51.4 77.2

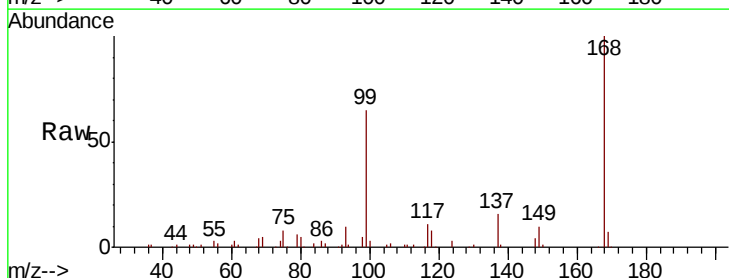


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

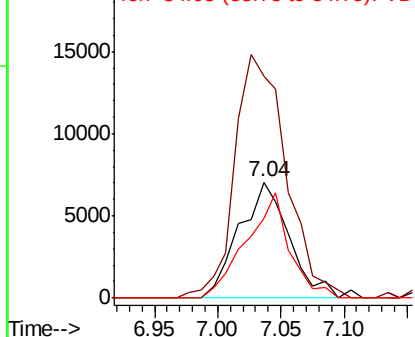
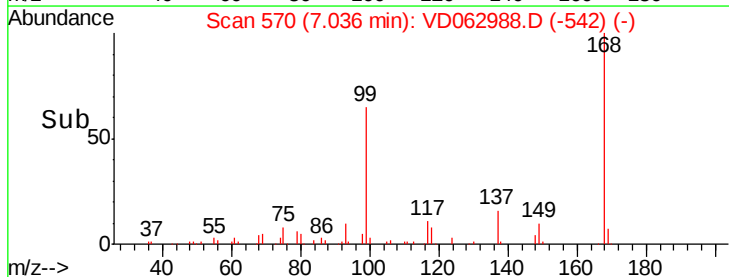


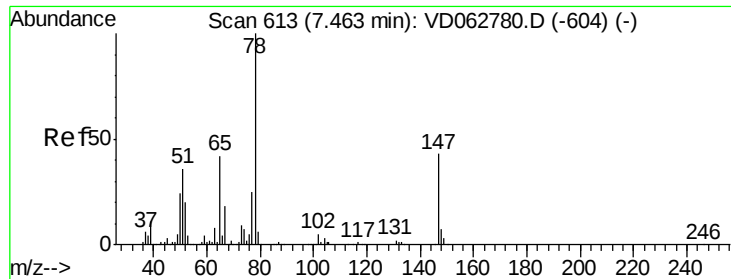
#31
Cyclohexane
Concen: 2.264 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.08 min
Lab File: VD062988.D
Acq: 1 Jul 2019 14:20

Tgt Ion: 56 Resp: 19346
Ion Ratio Lower Upper
56 100
69 191.0 26.6 39.8#
84 68.9 75.5 113.3#



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: 44.113 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD062988.D

Acq: 1 Jul 2019 14:20

Instrument :

MSVOA_D

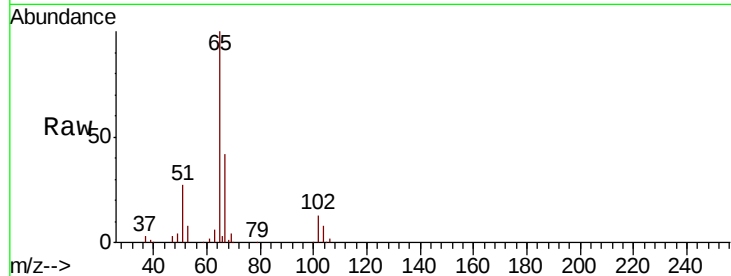
ClientSampleId :

Tot Ion: 65 Resp: 401335

Ion Ratio Lower Upper

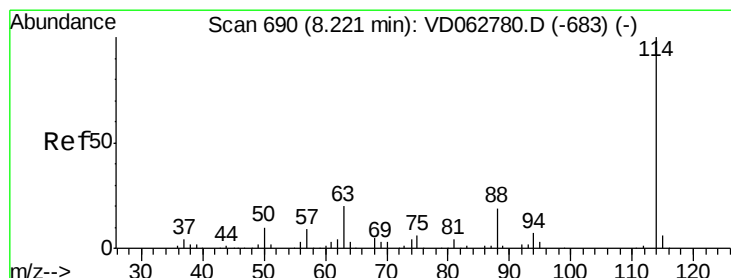
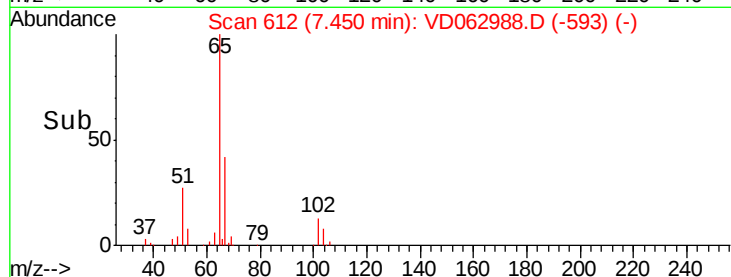
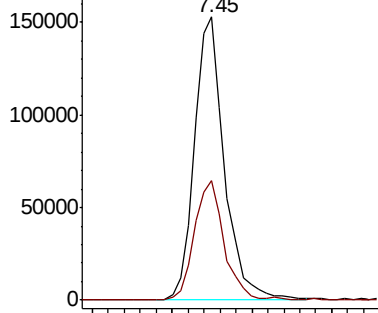
65 100

67 42.1 0.0 87.4



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: 8.22 min Scan# 690

Delta R.T. -0.00 min

Lab File: VD062988.D

Acq: 1 Jul 2019 14:20

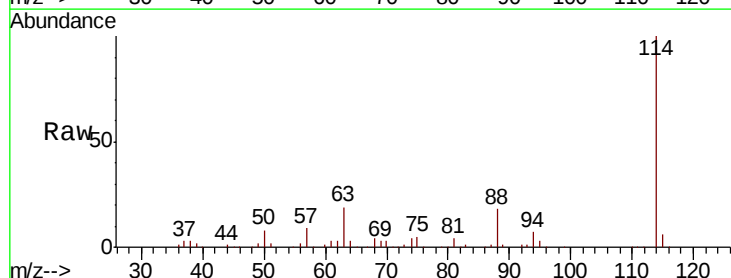
Tgt Ion: 114 Resp: 1128353

Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.0

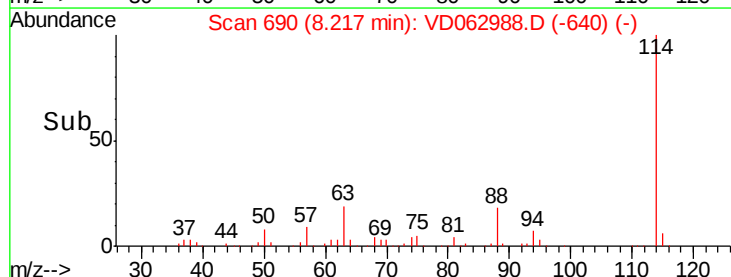
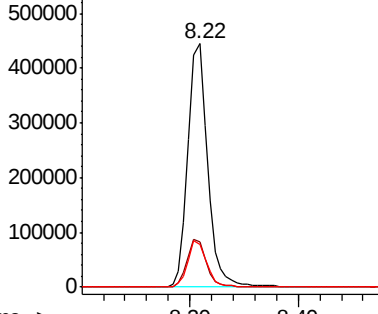
88 17.5 0.0 38.8

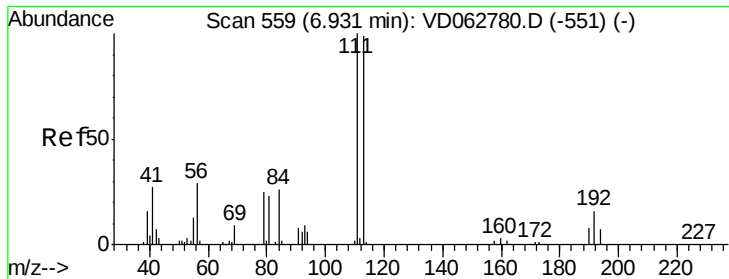


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

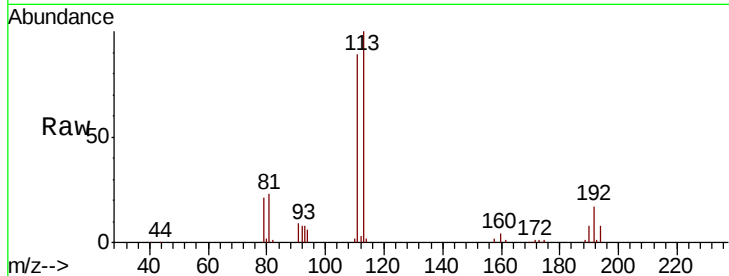




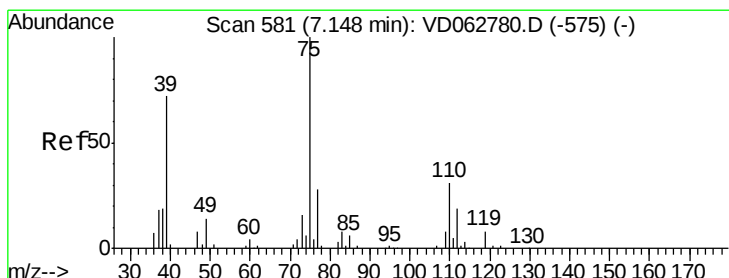
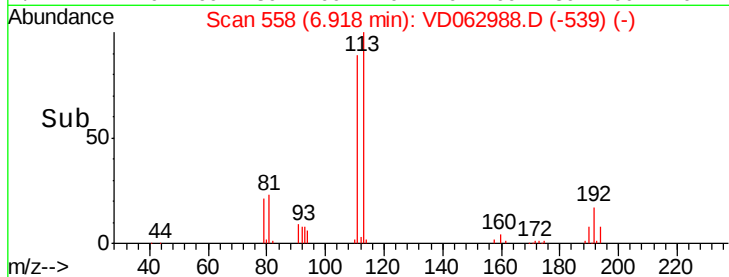
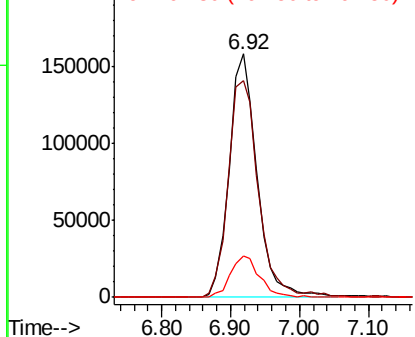
#35
 Dibromofluoromethane
 Concen: 46.587 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD062988.D
 Acq: 1 Jul 2019 14:20

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:113 Resp: 443244
 Ion Ratio Lower Upper
 113 100
 111 89.2 81.2 121.8
 192 17.0 12.9 19.3

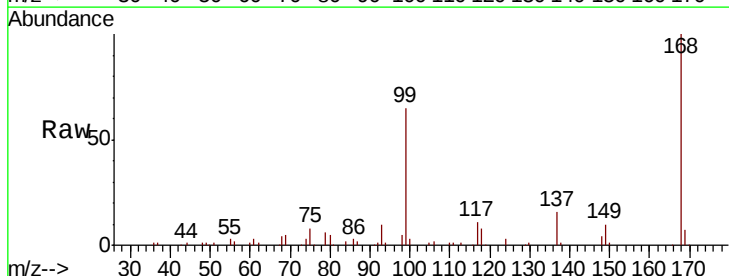


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

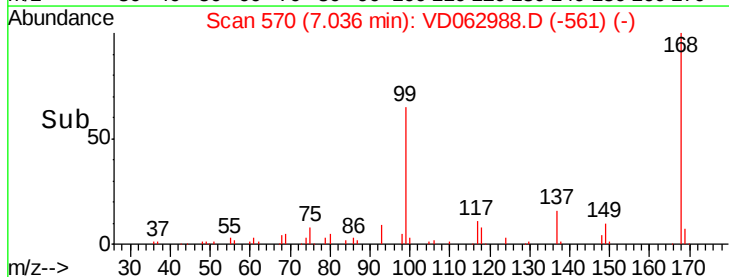
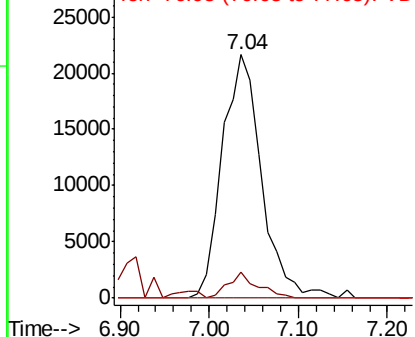


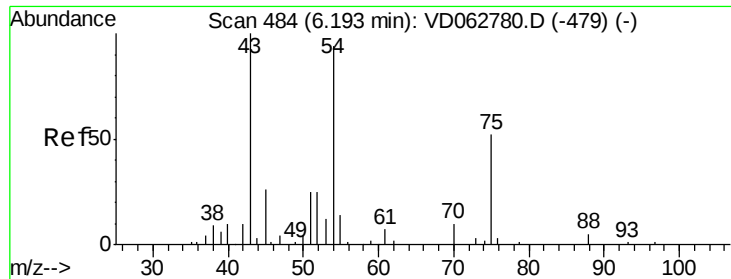
#36
 1,1-Dichloropropene
 Concen: 6.236 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.11 min
 Lab File: VD062988.D
 Acq: 1 Jul 2019 14:20

Tgt Ion: 75 Resp: 66608
 Ion Ratio Lower Upper
 75 100
 110 10.6 15.0 45.1#
 77 0.0 22.2 33.2#



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

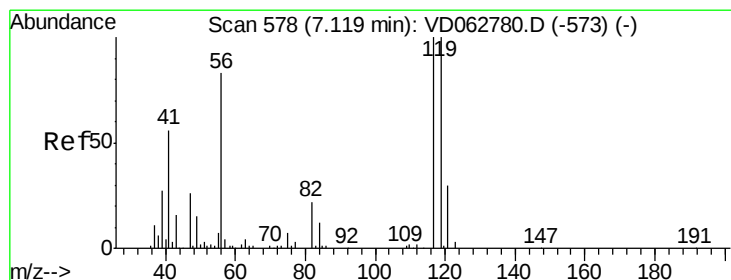
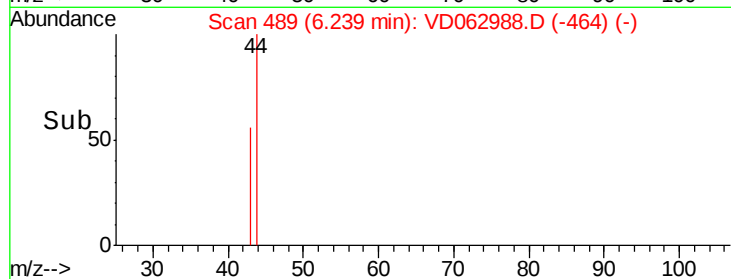
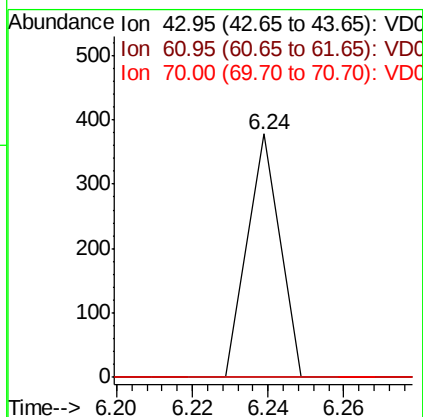
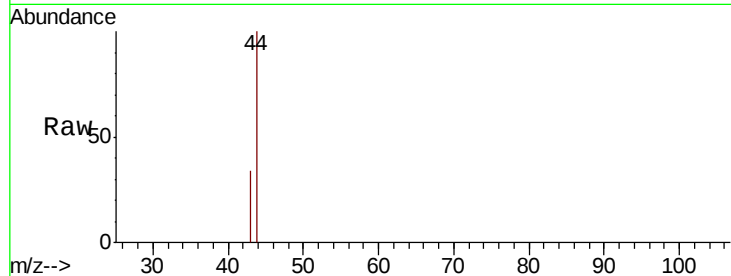




#37
Ethyl Acetate
Concen: Below Cal
RT: 6.24 min Scan# 489
Delta R.T. 0.05 min
Lab File: VD062988.D
Acq: 1 Jul 2019 14:20

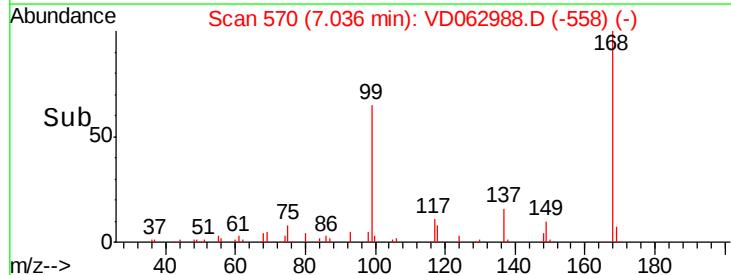
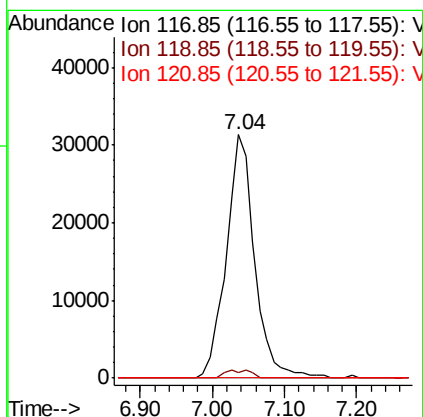
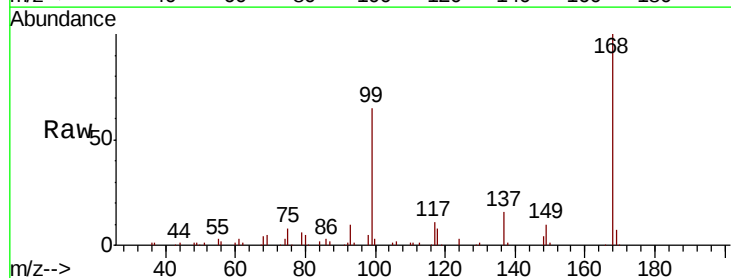
Instrument :
MSVOA_D
ClientSampleID :

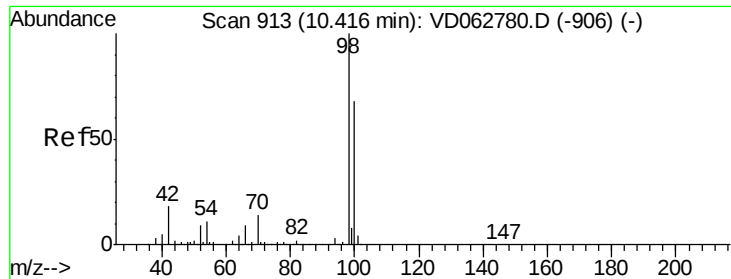
Tot Ion: 43 Resp: 223
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.0 6.4 9.6#



#38
Carbon Tetrachloride
Concen: 5.334 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.08 min
Lab File: VD062988.D
Acq: 1 Jul 2019 14:20

Tgt Ion: 117 Resp: 85684
Ion Ratio Lower Upper
117 100
119 2.5 75.4 113.2#
121 0.0 22.3 33.5#

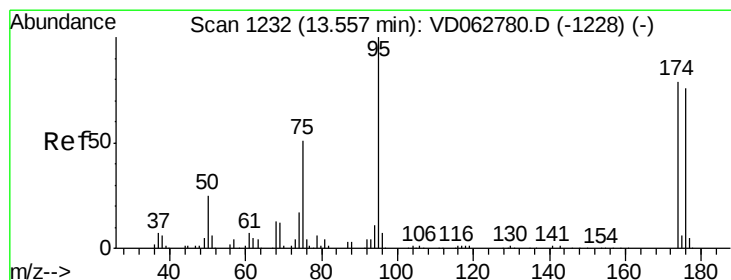
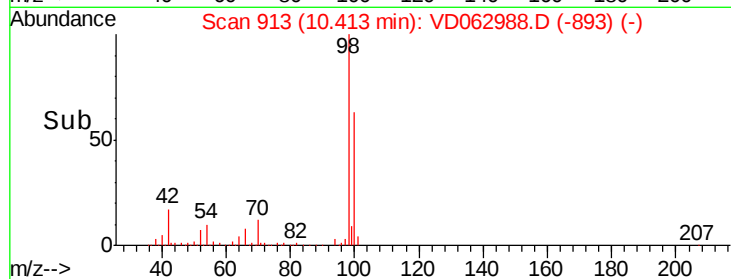
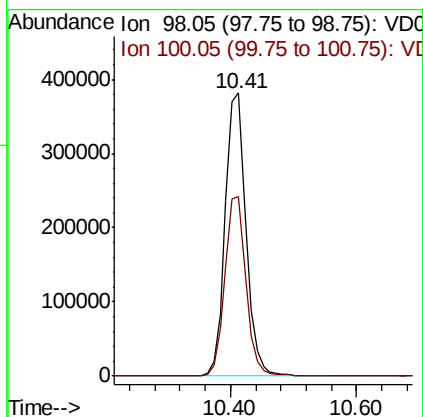
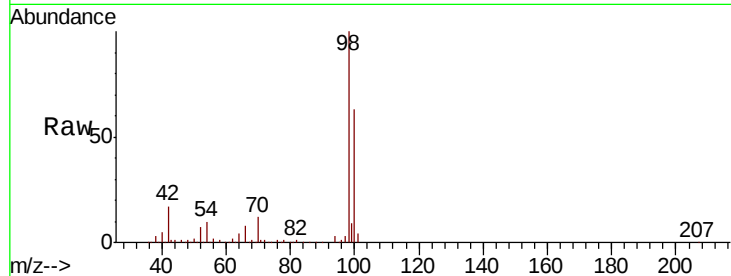




#50
Toluene-d8
Concen: 42.233 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD062988.D
Acq: 1 Jul 2019 14:20

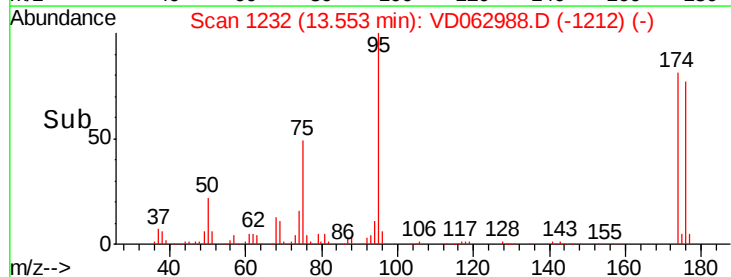
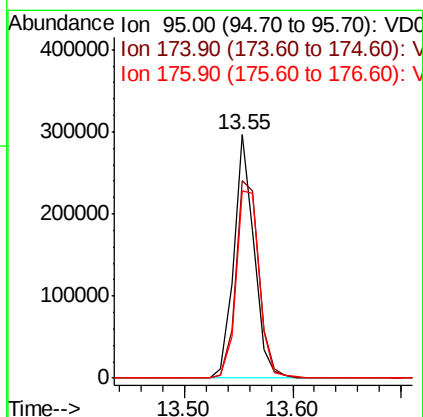
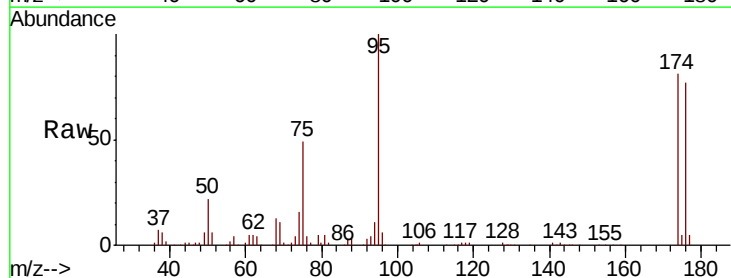
Instrument :
MSVOA_D
ClientSampleId :

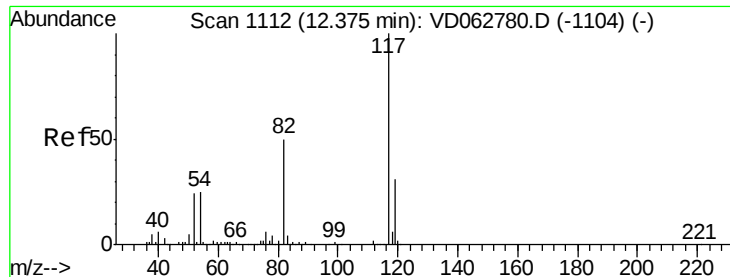
Tot Ion: 98 Resp: 874529
Ion Ratio Lower Upper
98 100
100 63.4 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 40.709 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062988.D
Acq: 1 Jul 2019 14:20

Tgt Ion: 95 Resp: 383304
Ion Ratio Lower Upper
95 100
174 81.0 0.0 158.0
176 76.8 0.0 151.6

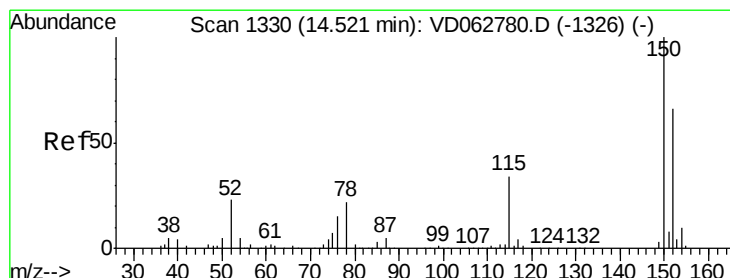
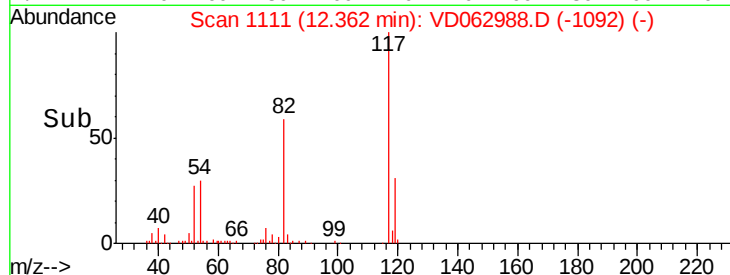
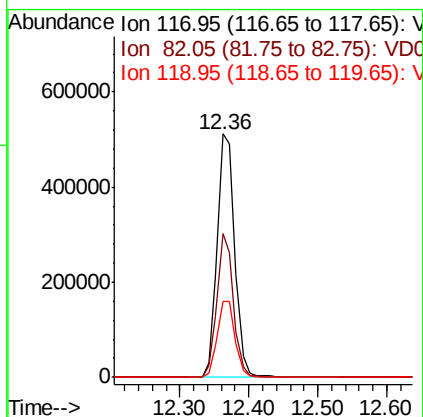
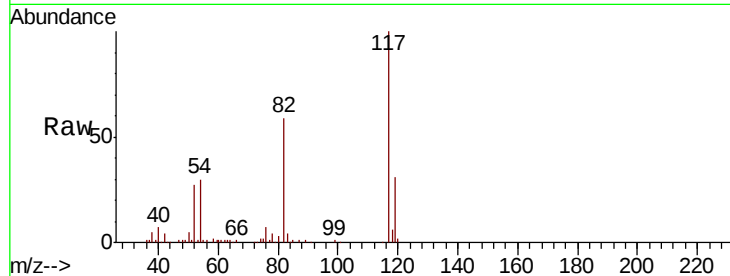




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062988.D
Acq: 1 Jul 2019 14:20

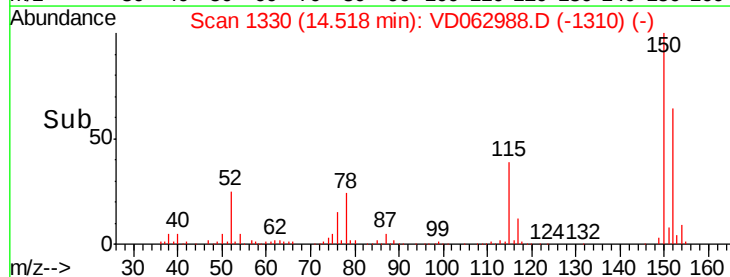
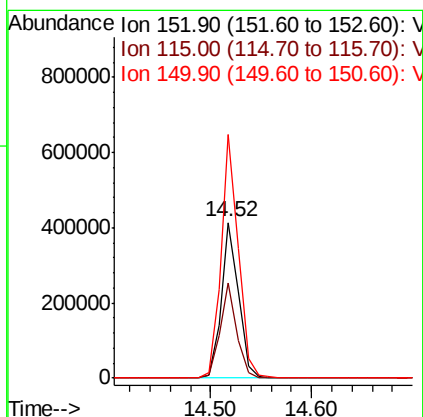
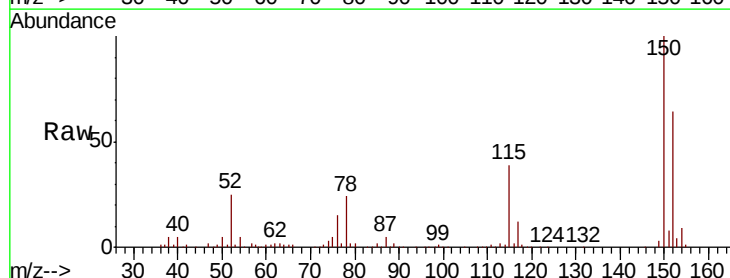
Instrument :
MSVOA_D
ClientSampleId :

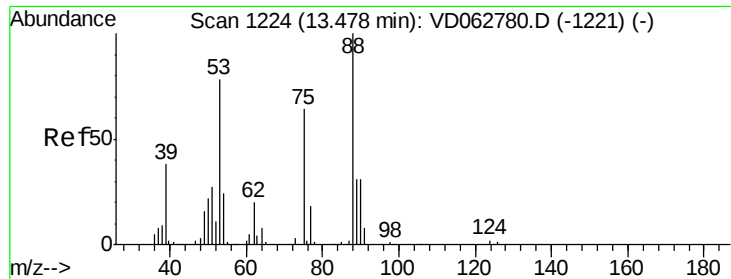
Tot Ion:117 Resp: 905135
Ion Ratio Lower Upper
117 100
82 59.1 40.4 60.6
119 31.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062988.D
Acq: 1 Jul 2019 14:20

Tgt Ion:152 Resp: 492338
Ion Ratio Lower Upper
152 100
115 61.6 29.2 87.6
150 156.7 0.0 305.8





#81

trans-1,4-Dichloro-2-butene

Concen: 123.435 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD062988.D

Acq: 1 Jul 2019 14:20

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 183870

Ion Ratio Lower Upper

75 100

53 0.0 97.8 146.8#

89 0.0 39.4 59.2#

