

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062904.D
 Acq On : 26 Jun 2019 5:19
 Operator : VA/AP
 Sample : K3524-01
 Misc : 4.79g/5ml/MSVOA D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-001

Quant Time: Jun 26 07:37:16 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

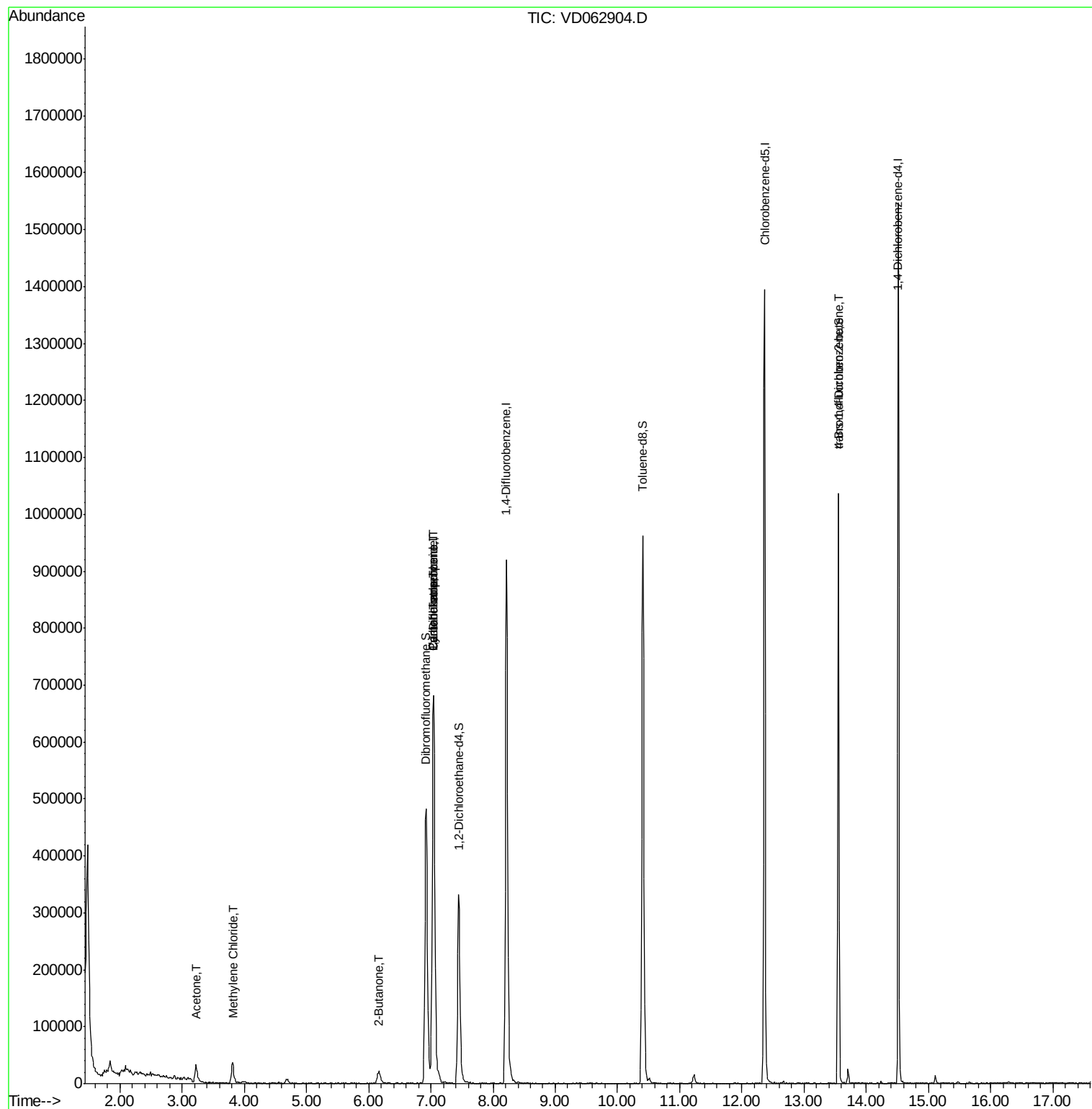
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	666195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	946842	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	724633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	313273	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	396074	54.70	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	109.40%	
35) Dibromofluoromethane	6.92	113	419112	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
50) Toluene-d8	10.41	98	780134	44.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.80%	
62) 4-Bromofluorobenzene	13.55	95	306300	38.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.54%	
Target Compounds						
					Qvalue	
16) Acetone	3.22	43	61879	36.154	ug/l	94
20) Methylene Chloride	3.80	84	20997	3.802	ug/l #	86
25) 2-Butanone	6.18	43	1522	1.124	ug/l #	64
31) Cyclohexane	7.04	56	16459	2.420	ug/l #	13
36) 1,1-Dichloropropene	7.04	75	56996	6.359	ug/l #	56
37) Ethyl Acetate	6.18	43	1522	Below Cal	#	1
38) Carbon Tetrachloride	7.03	117	66256	4.915	ug/l #	15
81) trans-1,4-Dichloro-2-buten	13.55	75	151948	160.311	ug/l #	2

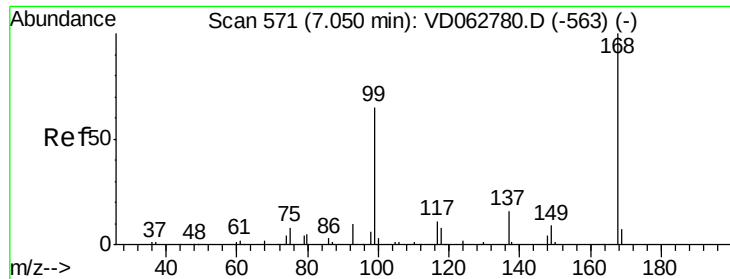
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062519\
Data File : VD062904.D
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Quant Time: Jun 26 07:37:16 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
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: VD062904.D

Acq: 26 Jun 2019 5:19

Instrument :

MSVOA_D

ClientSampleId :

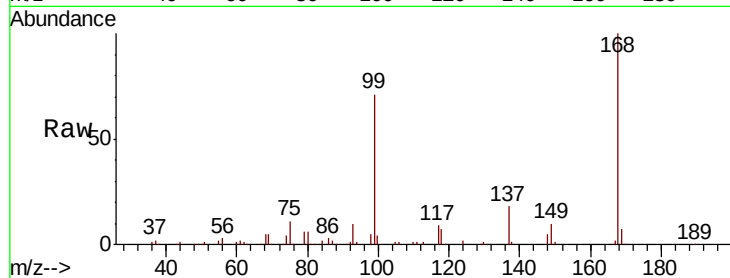
SOIL-001

Tot Ion:168 Resp: 666195

Ion Ratio Lower Upper

168 100

99 70.7 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

250000

200000

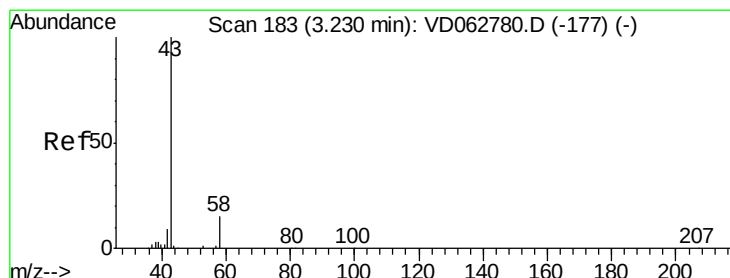
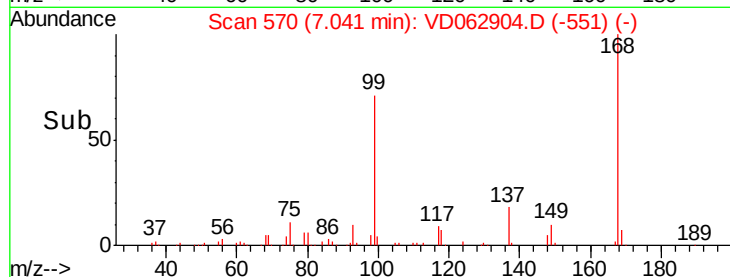
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 36.154 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD062904.D

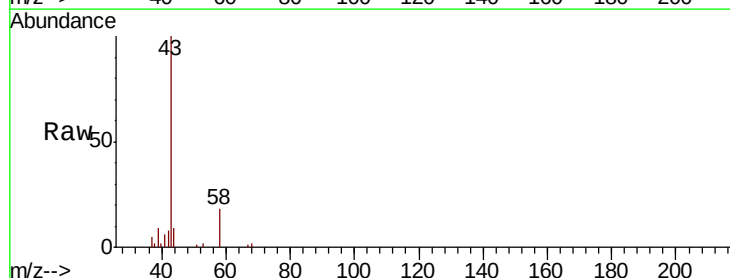
Acq: 26 Jun 2019 5:19

Tgt Ion: 43 Resp: 61879

Ion Ratio Lower Upper

43 100

58 17.5 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

25000

20000

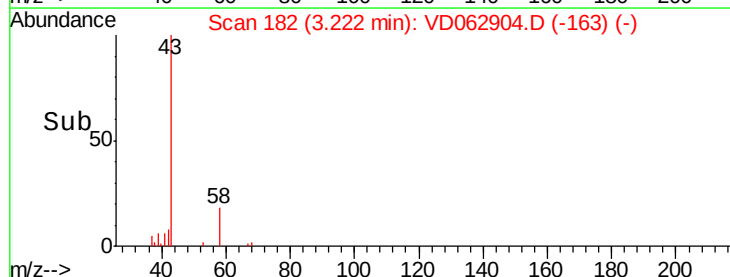
15000

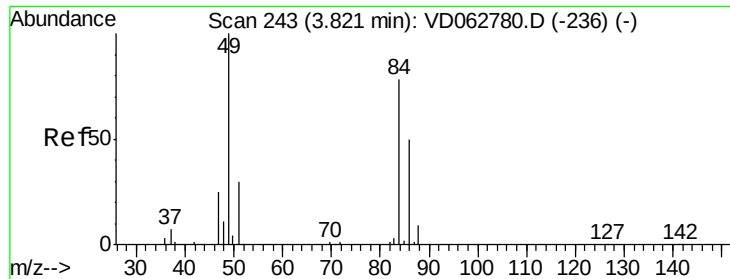
10000

5000

0

Time-->

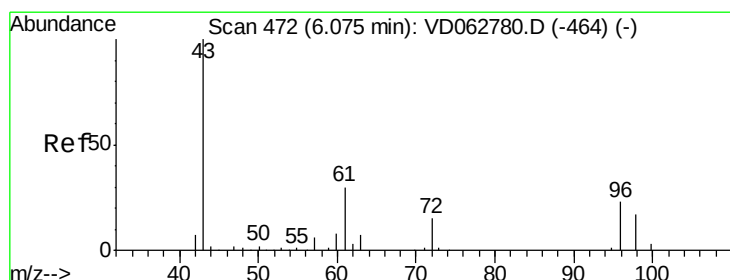
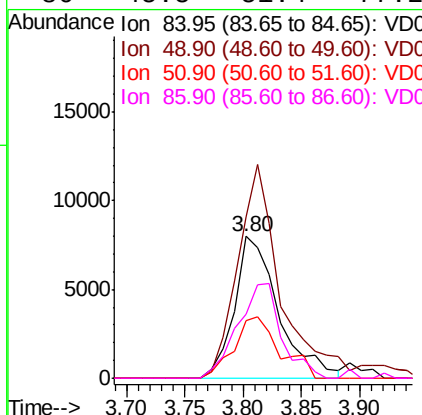
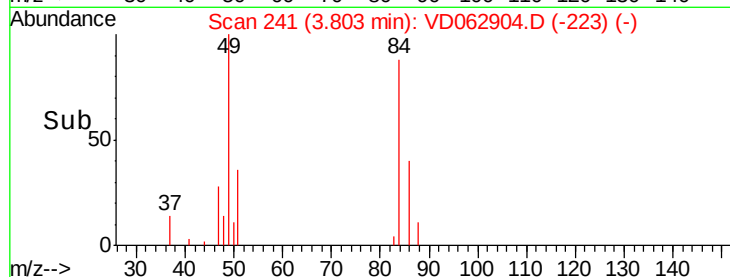
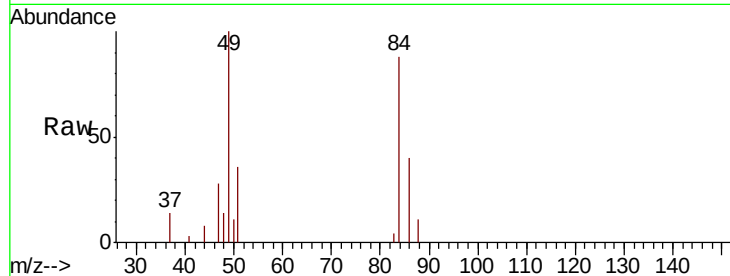




#20
Methvlene Chloride
Concen: 3.802 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.02 min
Lab File: VD062904.D
Acq: 26 Jun 2019 5:19

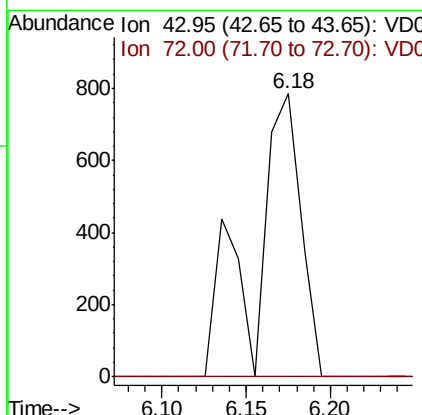
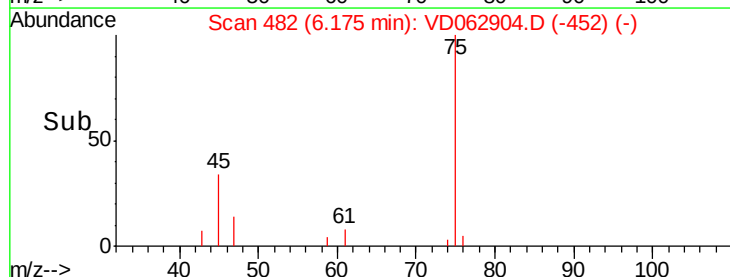
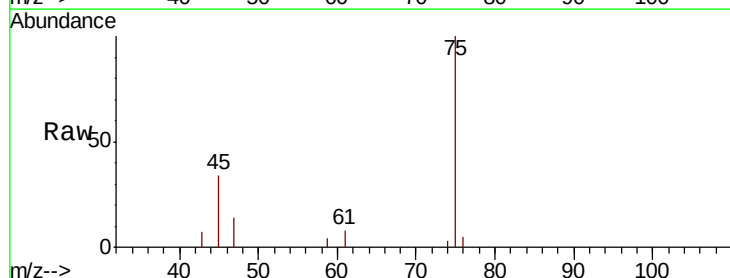
Instrument :
MSVOA_D
ClientSampleId :
SOIL-001

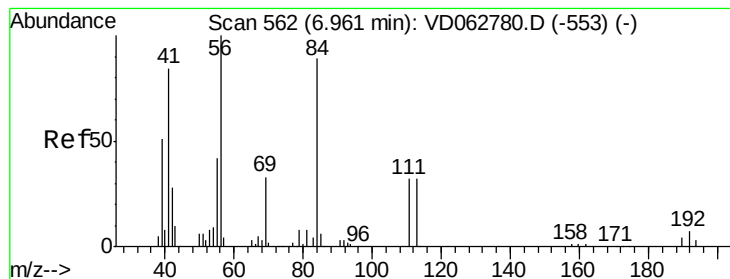
Tot Ion: 84 Resp: 20997
Ion Ratio Lower Upper
84 100
49 113.4 102.9 154.3
51 40.3 31.2 46.8
86 45.5 51.4 77.2#



#25
2-Butanone
Concen: 1.124 ug/l
RT: 6.18 min Scan# 482
Delta R.T. 0.10 min
Lab File: VD062904.D
Acq: 26 Jun 2019 5:19

Tgt Ion: 43 Resp: 1522
Ion Ratio Lower Upper
43 100
72 0.0 11.9 17.9#





#31

Cyclohexane

Concen: 2.420 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.08 min

Lab File: VD062904.D

Acq: 26 Jun 2019 5:19

Instrument :

MSVOA_D

ClientSampleId :

SOIL-001

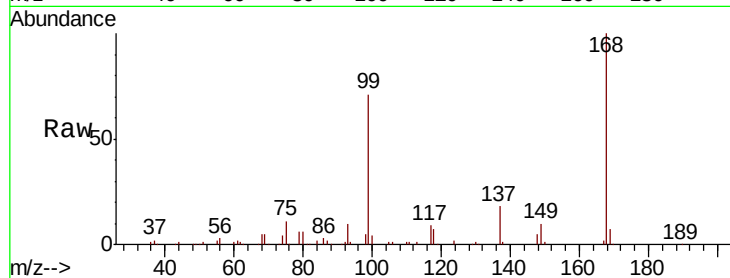
Tot Ion: 56 Resp: 16459

Ion Ratio Lower Upper

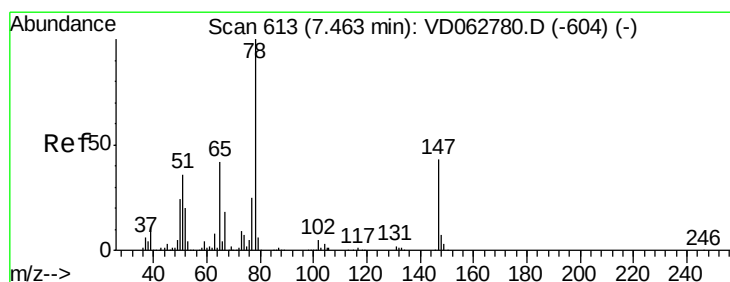
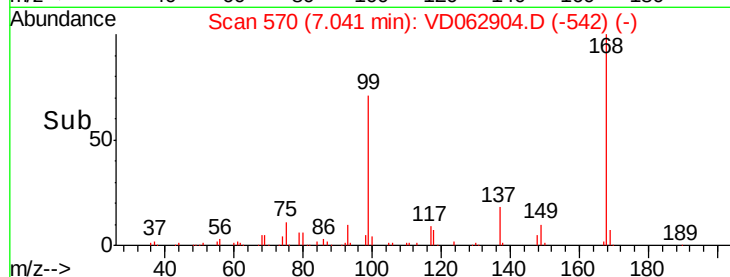
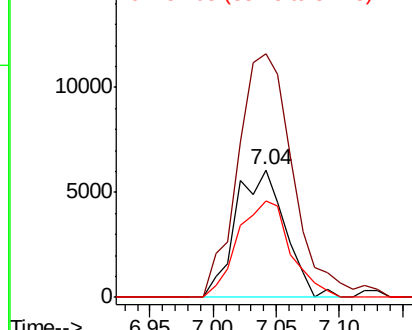
56 100

69 191.5 26.6 39.8#

84 75.9 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: 54.695 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.02 min

Lab File: VD062904.D

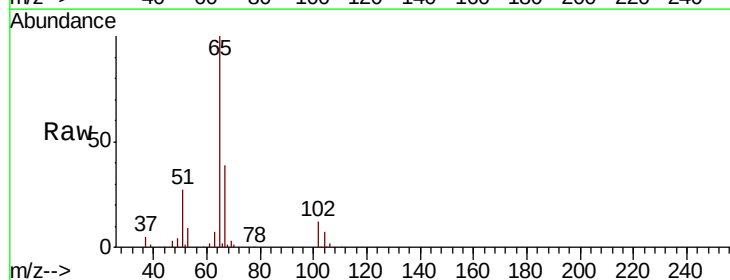
Acq: 26 Jun 2019 5:19

Tgt Ion: 65 Resp: 396074

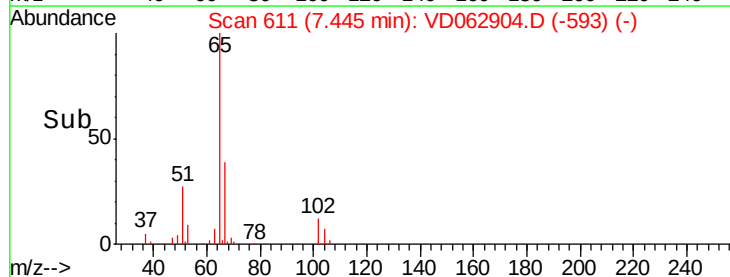
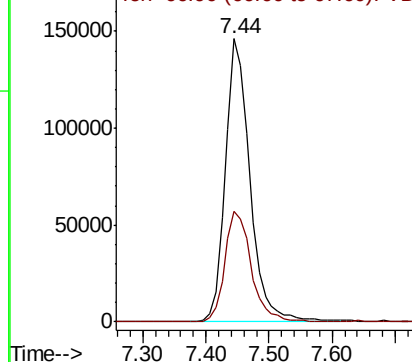
Ion Ratio Lower Upper

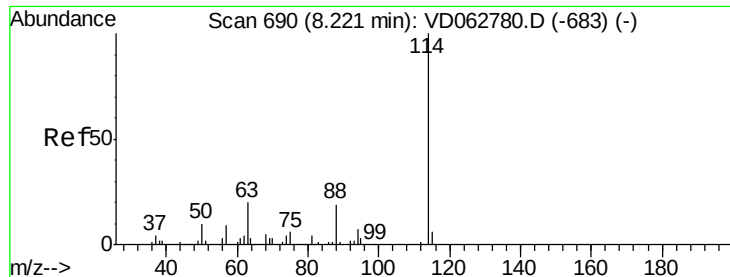
65 100

67 39.0 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: 8.21 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD062904.D

Acq: 26 Jun 2019 5:19

Instrument :

MSVOA_D

ClientSampleId :

SOIL-001

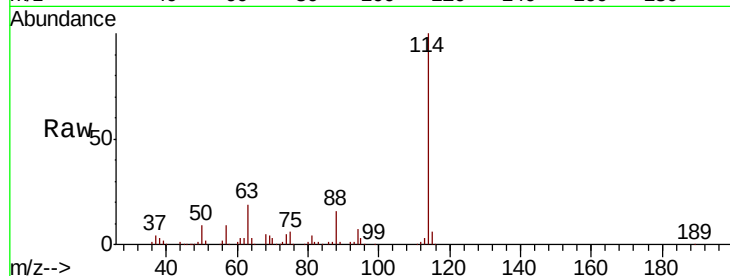
Tot Ion:114 Resp: 946842

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

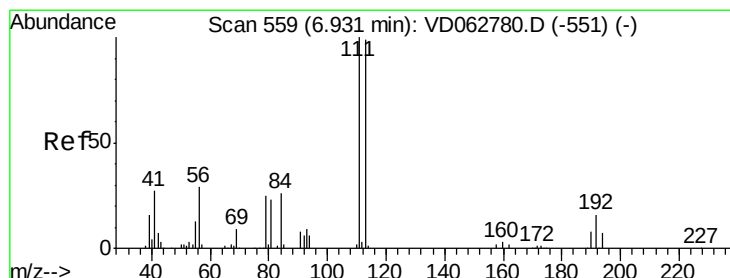
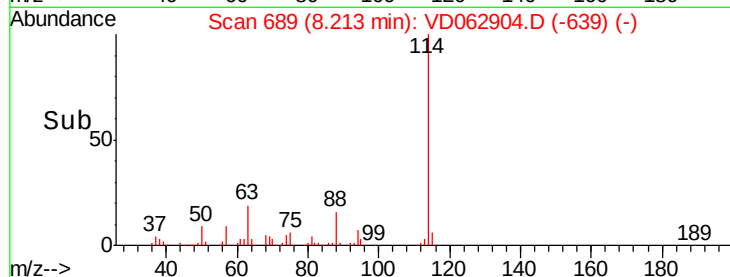
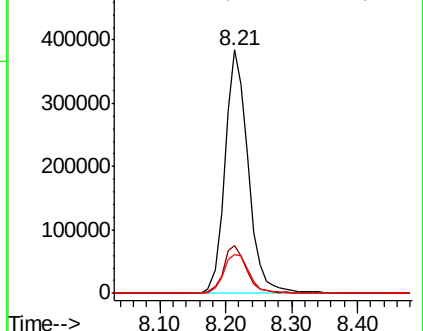
88 16.2 0.0 38.8



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: 52.496 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD062904.D

Acq: 26 Jun 2019 5:19

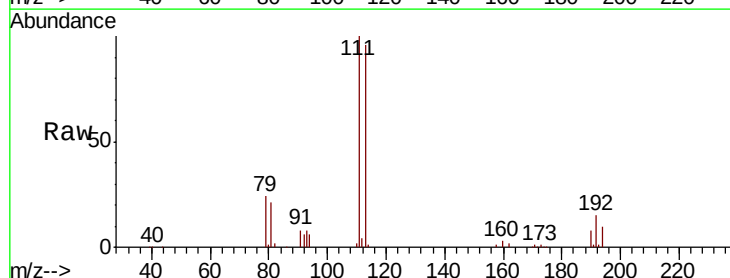
Tgt Ion:113 Resp: 419112

Ion Ratio Lower Upper

113 100

111 103.8 81.2 121.8

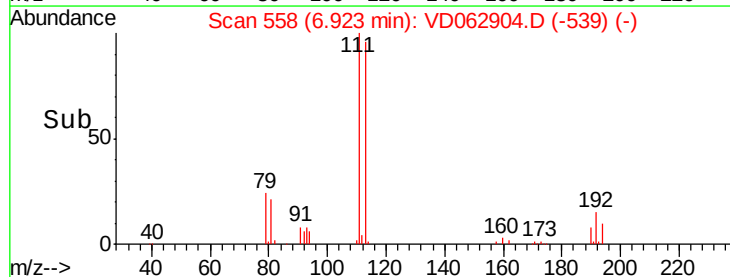
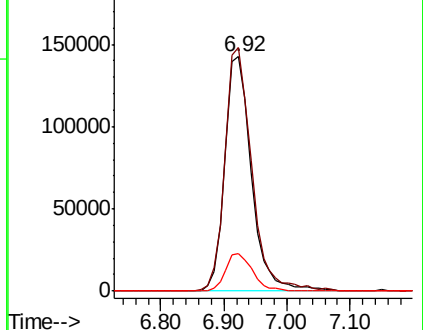
192 16.0 12.9 19.3

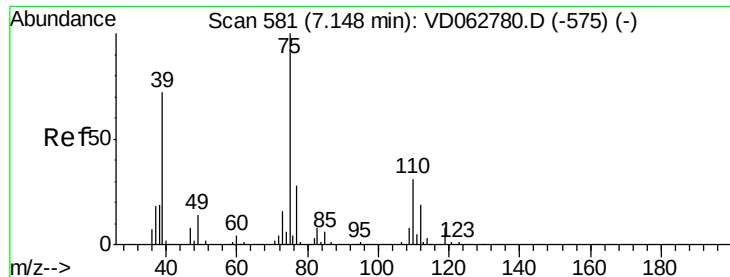


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

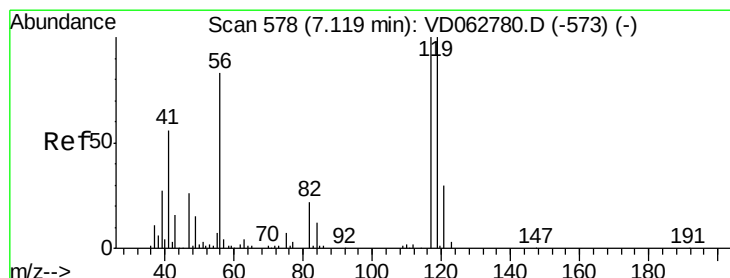
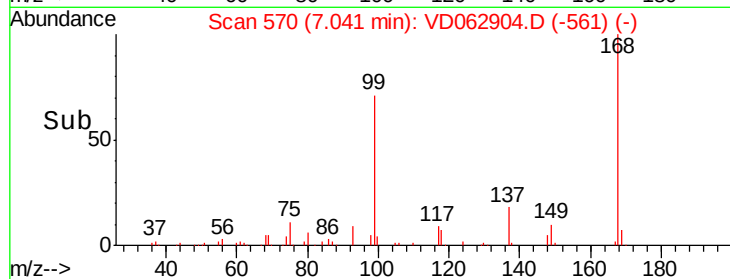
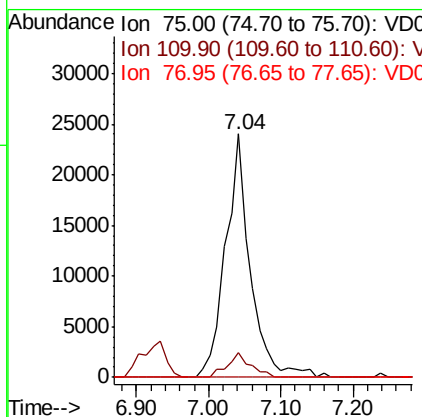
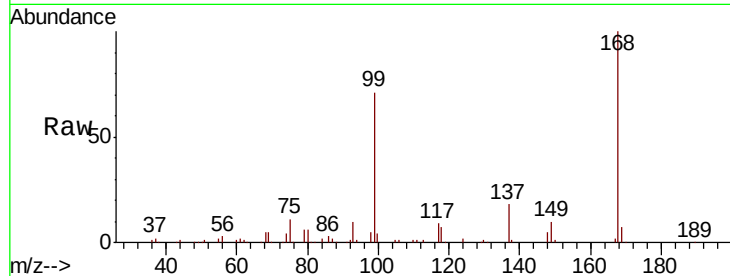




#36
 1,1-Dichloropropene
 Concen: 6.359 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.11 min
 Lab File: VD062904.D
 Acq: 26 Jun 2019 5:19

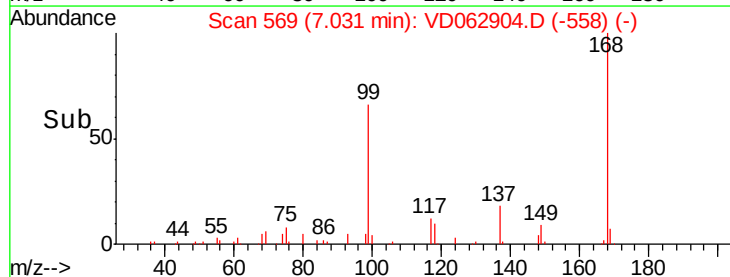
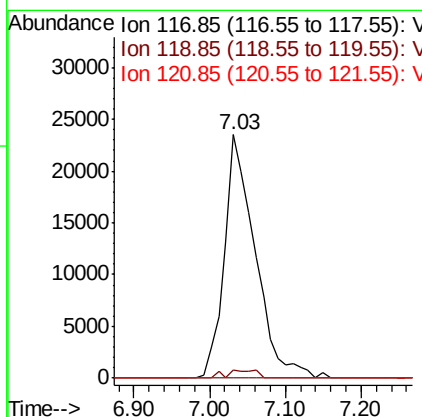
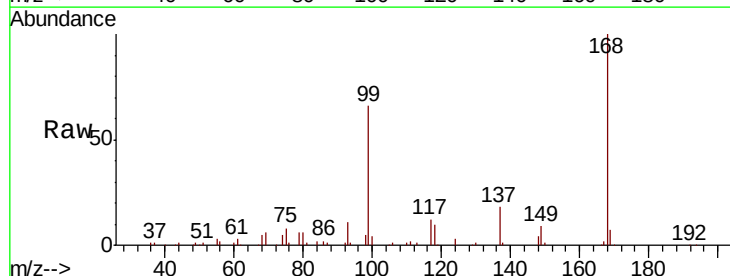
Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-001

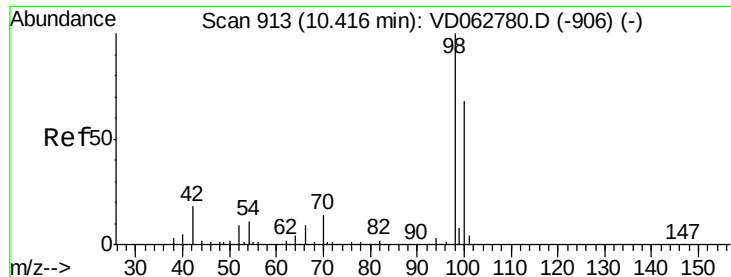
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.2	15.0	45.1#
77	0.0	22.2	33.2#



#38
 Carbon Tetrachloride
 Concen: 4.915 ug/l
 RT: 7.03 min Scan# 569
 Delta R.T. -0.09 min
 Lab File: VD062904.D
 Acq: 26 Jun 2019 5:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.1	75.4	113.2#
121	0.0	22.3	33.5#

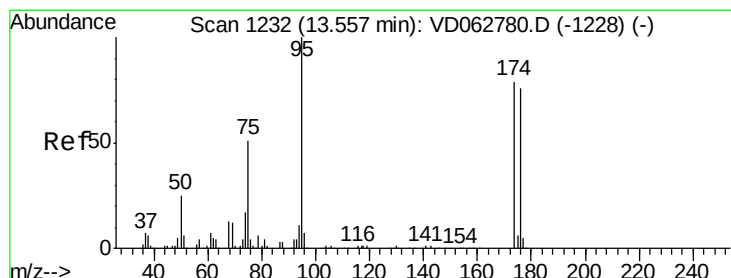
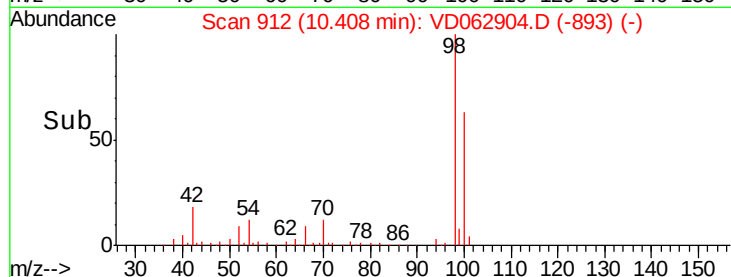
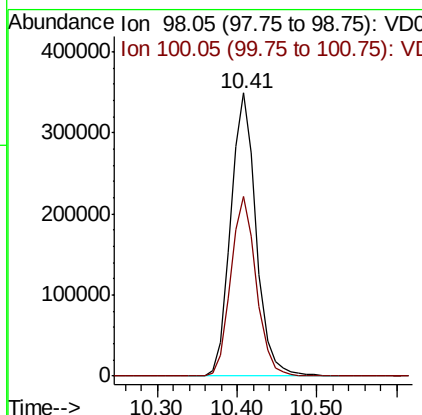
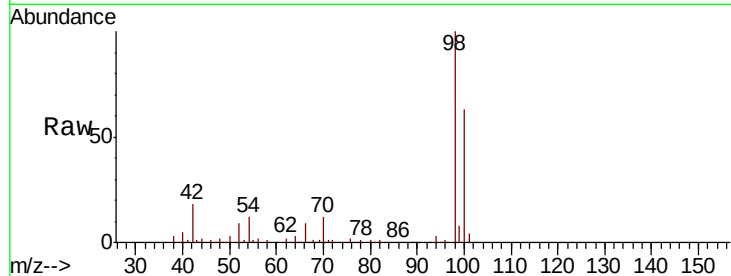




#50
Toluene-d8
Concen: 44.897 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD062904.D
Acq: 26 Jun 2019 5:19

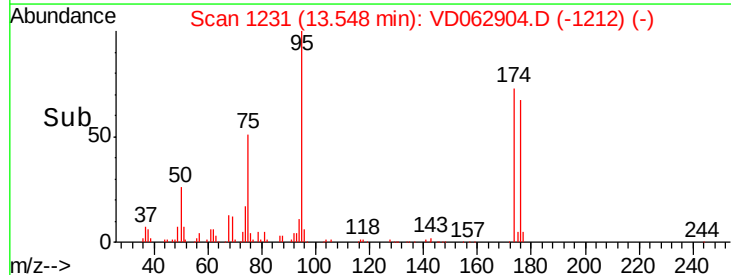
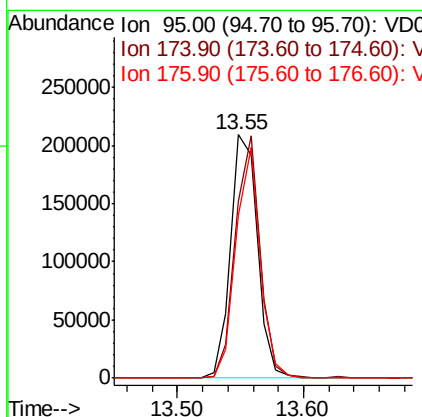
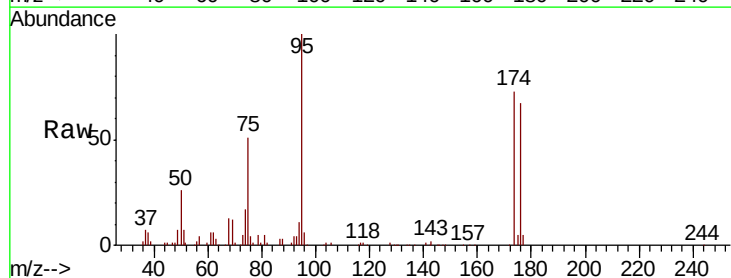
Instrument :
MSVOA_D
ClientSampleId :
SOIL-001

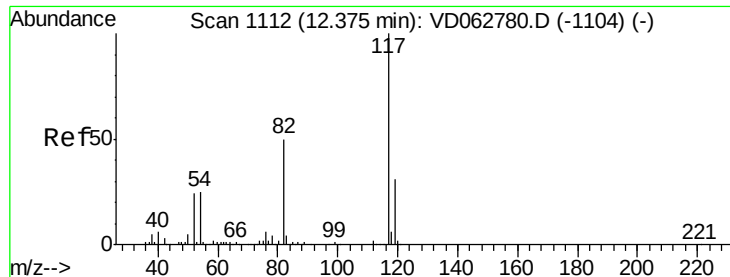
Tot Ion: 98 Resp: 780134
Ion Ratio Lower Upper
98 100
100 63.5 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 38.767 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD062904.D
Acq: 26 Jun 2019 5:19

Tgt Ion: 95 Resp: 306300
Ion Ratio Lower Upper
95 100
174 72.5 0.0 158.0
176 66.8 0.0 151.6

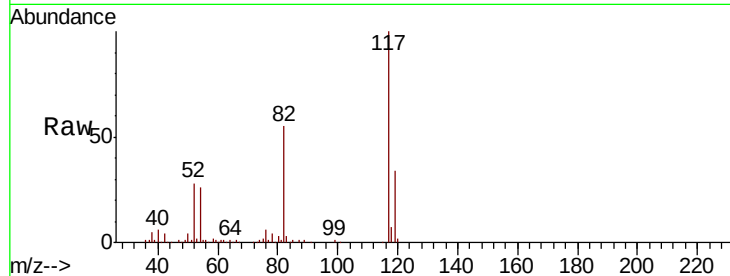




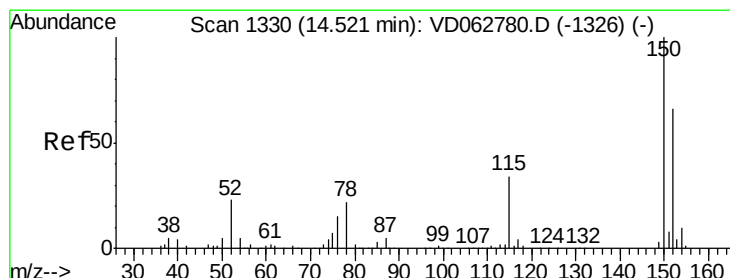
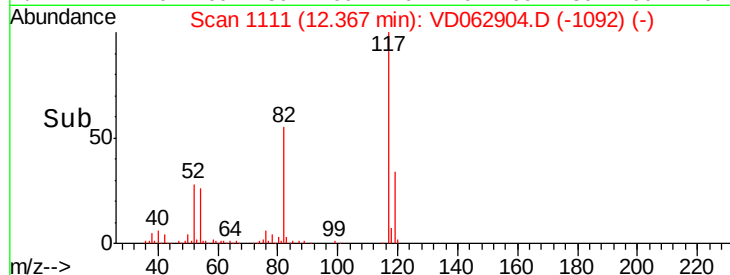
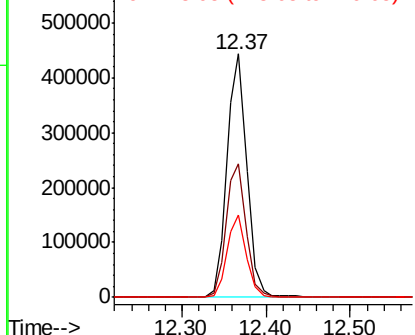
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062904.D
Acq: 26 Jun 2019 5:19

Instrument :
MSVOA_D
ClientSampled :
SOIL-001

Tot Ion:117 Resp: 724633
Ion Ratio Lower Upper
117 100
82 54.8 40.4 60.6
119 33.7 25.2 37.8

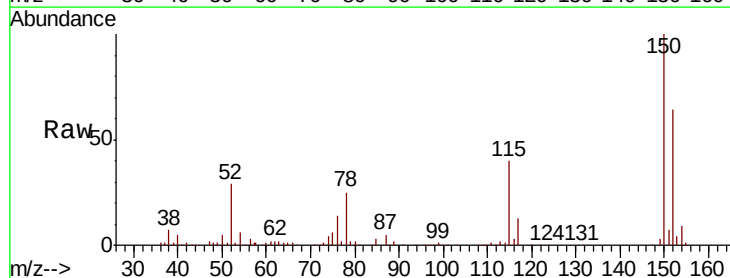


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

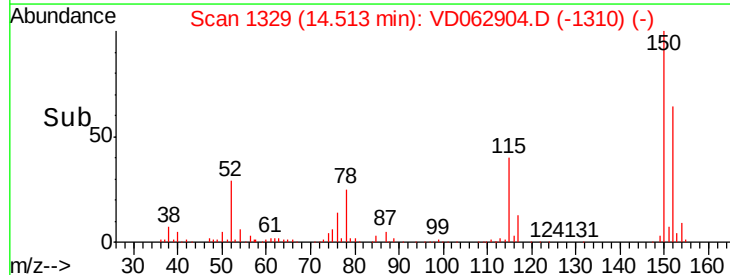
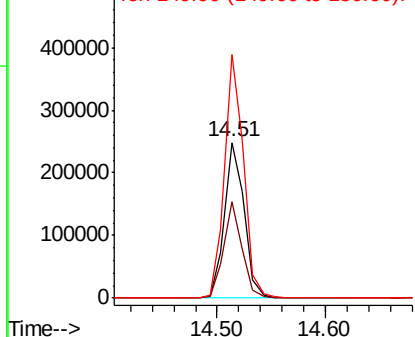


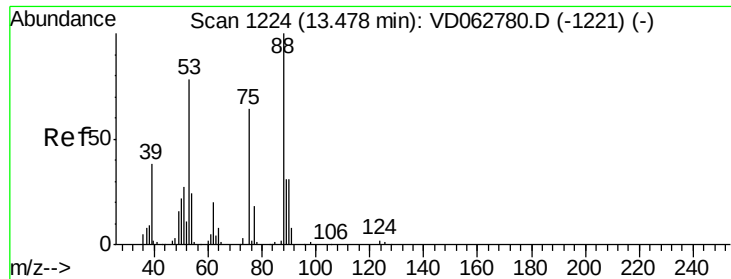
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062904.D
Acq: 26 Jun 2019 5:19

Tgt Ion:152 Resp: 313273
Ion Ratio Lower Upper
152 100
115 61.8 29.2 87.6
150 156.4 0.0 305.8



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: 160.311 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. 0.07 min

Lab File: VD062904.D

Acq: 26 Jun 2019 5:19

Instrument :

MSVOA_D

ClientSampleId :

SOIL-001

Tot Ion: 75 Resp: 151948

Ion Ratio Lower Upper

75 100

53 0.0 97.8 146.8#

89 0.0 39.4 59.2#

