

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042519\
 Data File : VN055243.D
 Acq On : 25 Apr 2019 13:53
 Operator : JC/SP
 Sample : K2526-01
 Misc : 5.41g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-ROLLOFFS

Quant Time: Apr 25 15:55:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	342793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	577786	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	534966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	189400	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	229690	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
35) Dibromofluoromethane	7.59	113	186039	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
50) Toluene-d8	10.09	98	719895	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
62) 4-Bromofluorobenzene	12.40	95	235134	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	

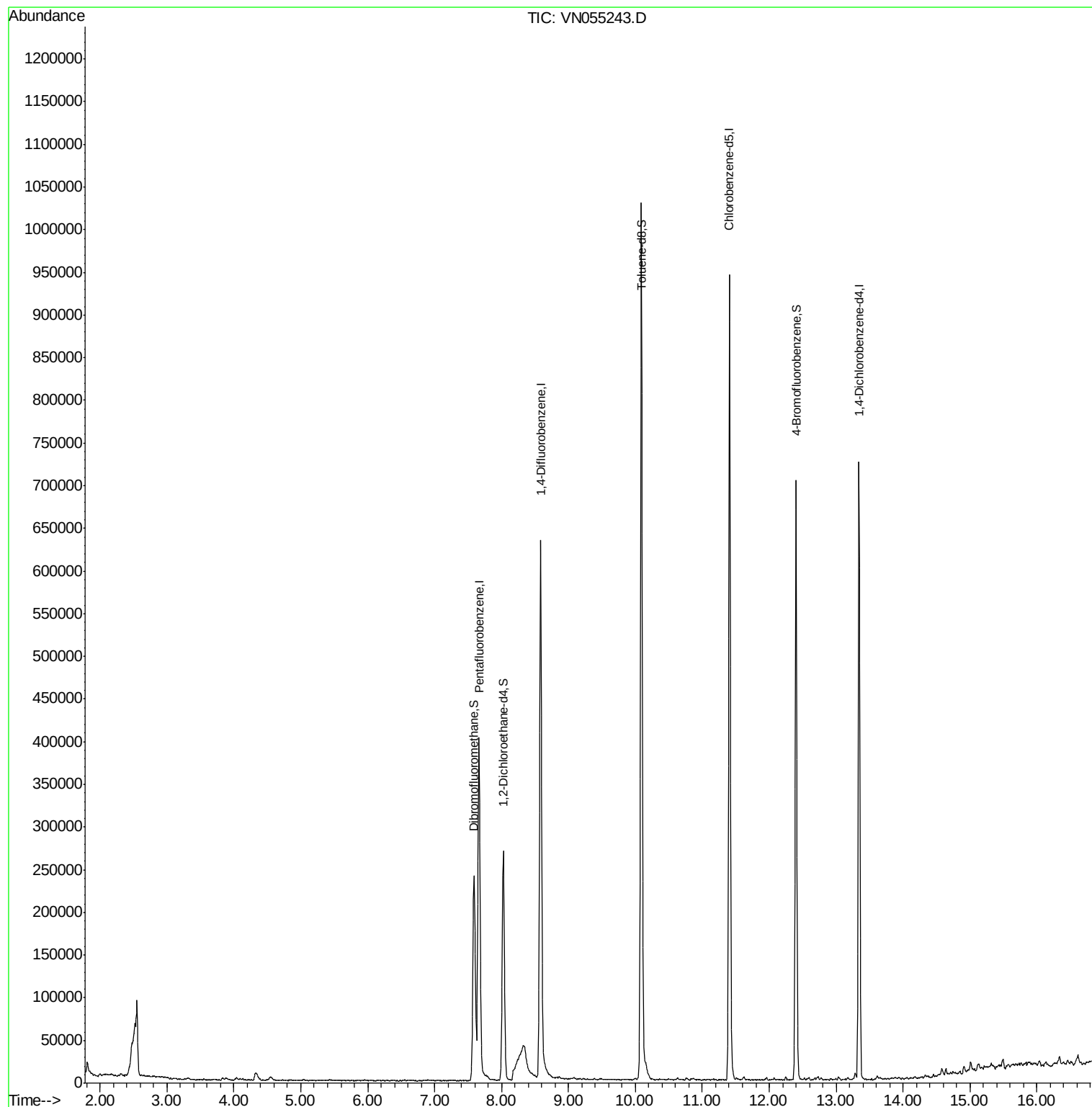
Target Compounds	Qvalue

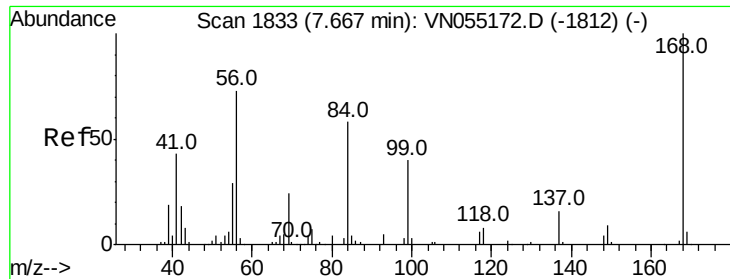
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055243.D

Acq: 25 Apr 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

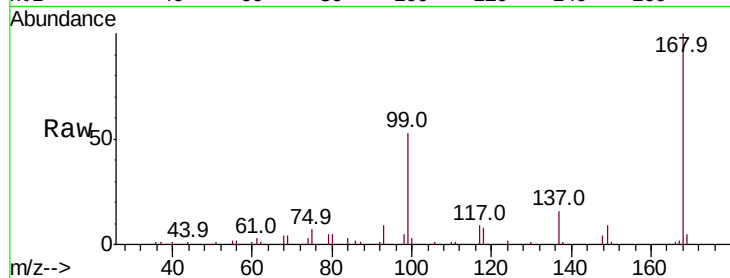
SOIL-ROLLOFFS

Tot Ion:168 Resp: 342793

Ion Ratio Lower Upper

168 100

99 53.1 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VN055172.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055172.D (-1812) (-)

7.66

150000

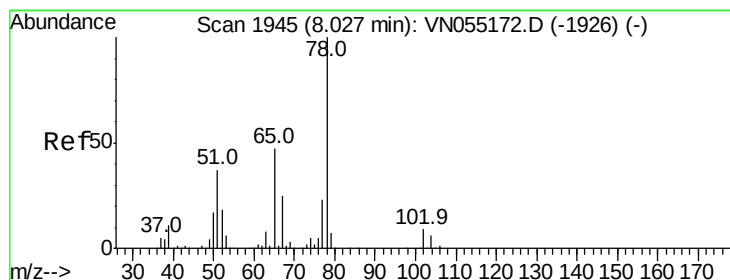
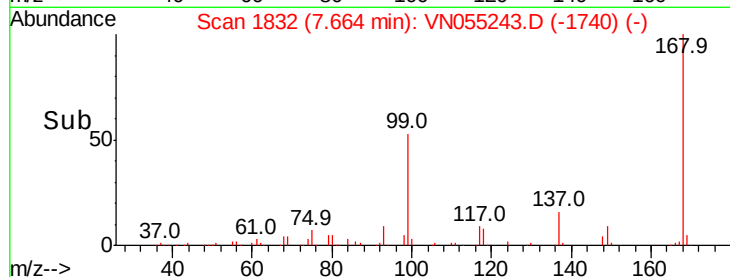
100000

50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.504 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN055243.D

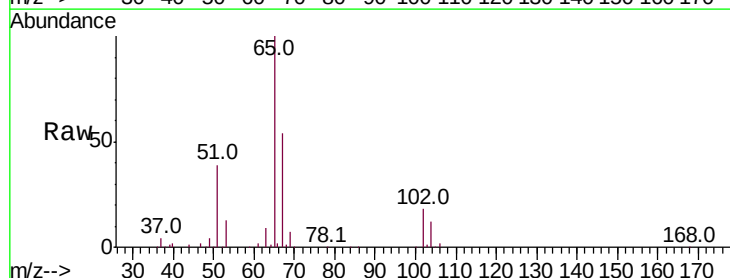
Acq: 25 Apr 2019 13:53

Tgt Ion: 65 Resp: 229690

Ion Ratio Lower Upper

65 100

67 52.8 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN055172.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN055172.D (-1926) (-)

8.02

100000

80000

60000

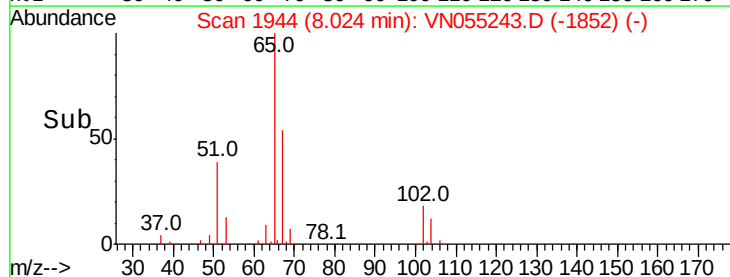
40000

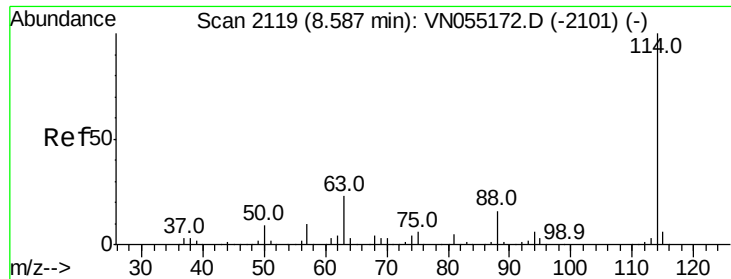
20000

0

7.90 8.00 8.10 8.20

Time-->

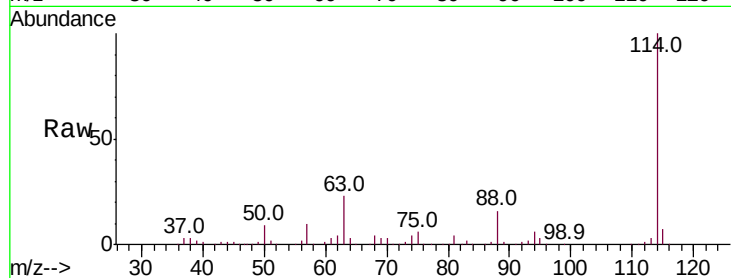




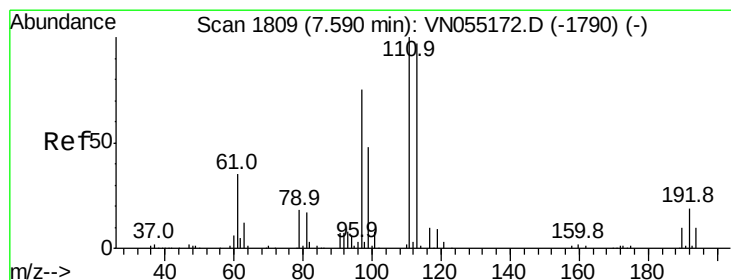
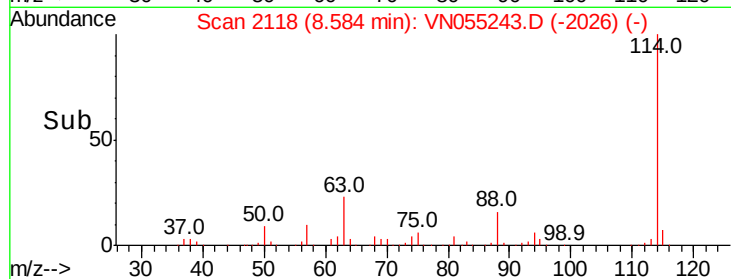
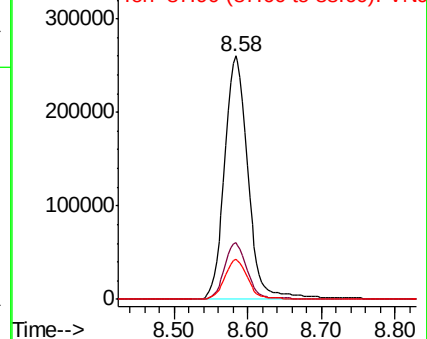
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN055243.D
 Acq: 25 Apr 2019 13:53

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-ROLLOFFS

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	45.2
88	16.3	0.0	32.8

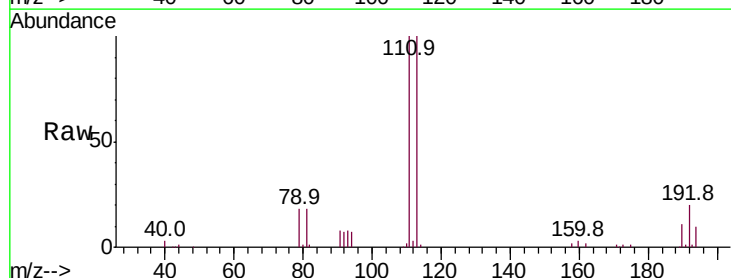


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

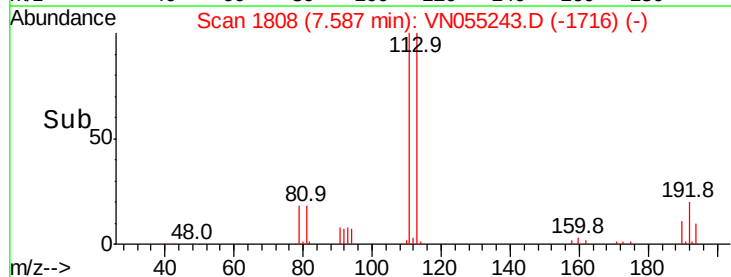
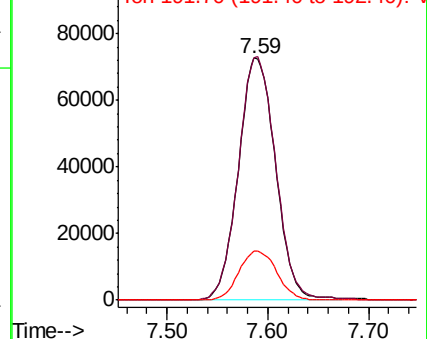


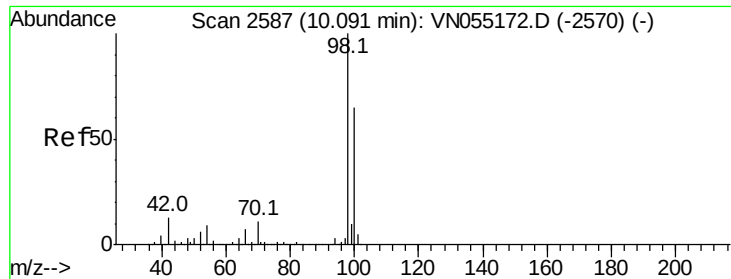
#35
 Dibromofluoromethane
 Concen: 47.396 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VN055243.D
 Acq: 25 Apr 2019 13:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.0	121.4
192	20.6	16.2	24.4



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.500 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055243.D

Acq: 25 Apr 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

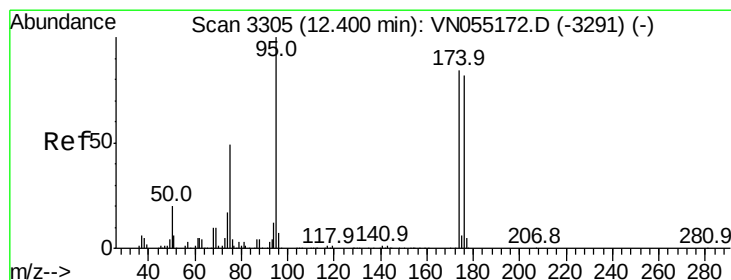
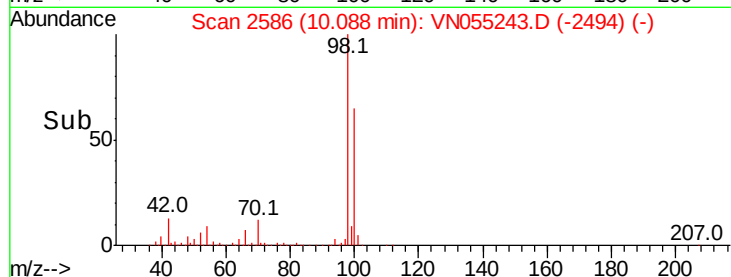
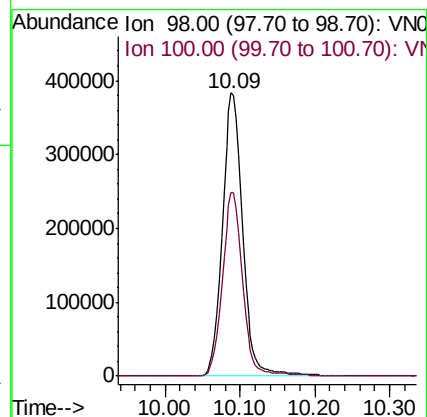
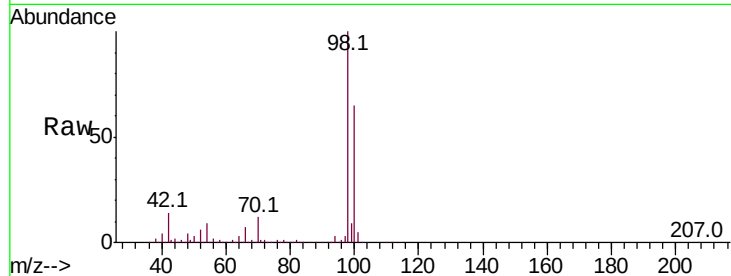
SOIL-ROLLOFFS

Tot Ion: 98 Resp: 719895

Ion Ratio Lower Upper

98 100

100 64.3 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 51.055 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055243.D

Acq: 25 Apr 2019 13:53

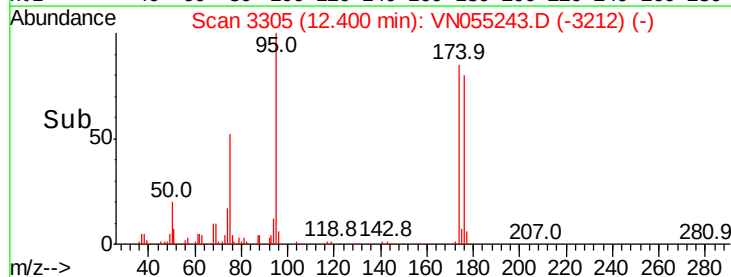
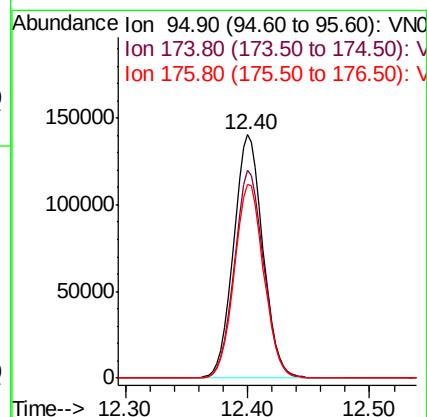
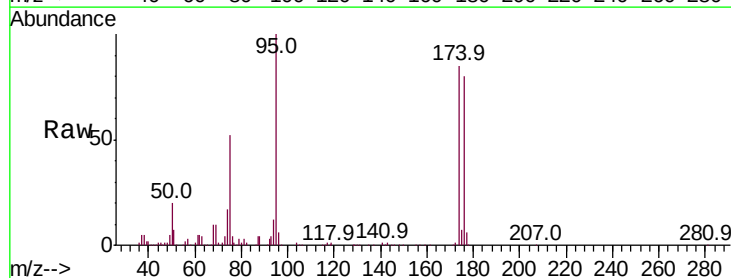
Tgt Ion: 95 Resp: 235134

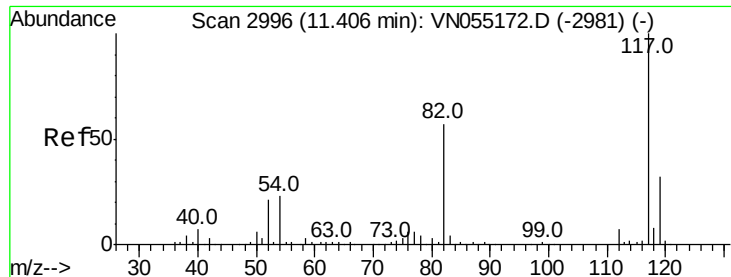
Ion Ratio Lower Upper

95 100

174 85.4 0.0 168.4

176 80.2 0.0 164.0

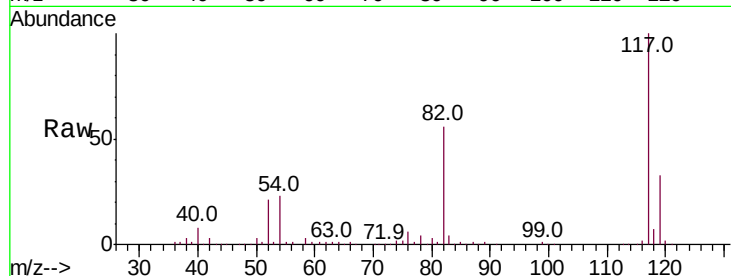




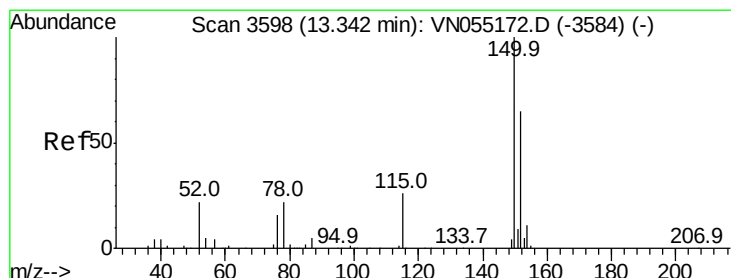
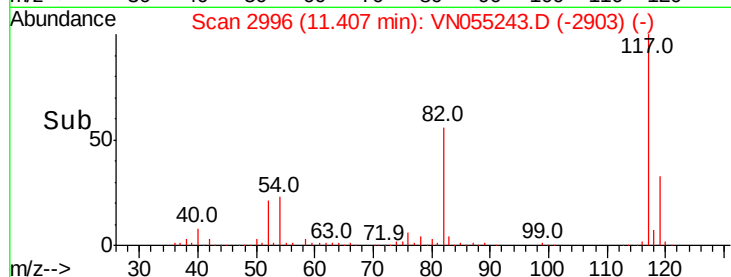
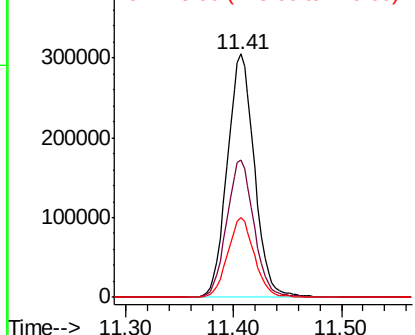
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055243.D
Acq: 25 Apr 2019 13:53

Instrument :
MSVOA_N
ClientSampleId :
SOIL-ROLLOFFS

Tot Ion:117 Resp: 534966
Ion Ratio Lower Upper
117 100
82 56.4 45.7 68.5
119 32.8 25.4 38.2

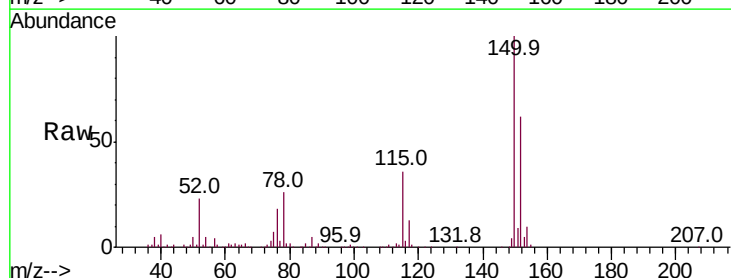


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055243.D
Acq: 25 Apr 2019 13:53

Tgt Ion:152 Resp: 189400
Ion Ratio Lower Upper
152 100
115 58.2 28.9 86.7
150 159.7 0.0 346.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

