

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121619\
 Data File : VN059605.D
 Acq On : 16 Dec 2019 16:17
 Operator : JC/SP
 Sample : K6283-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-CUTTINGS

Quant Time: Dec 17 06:01:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

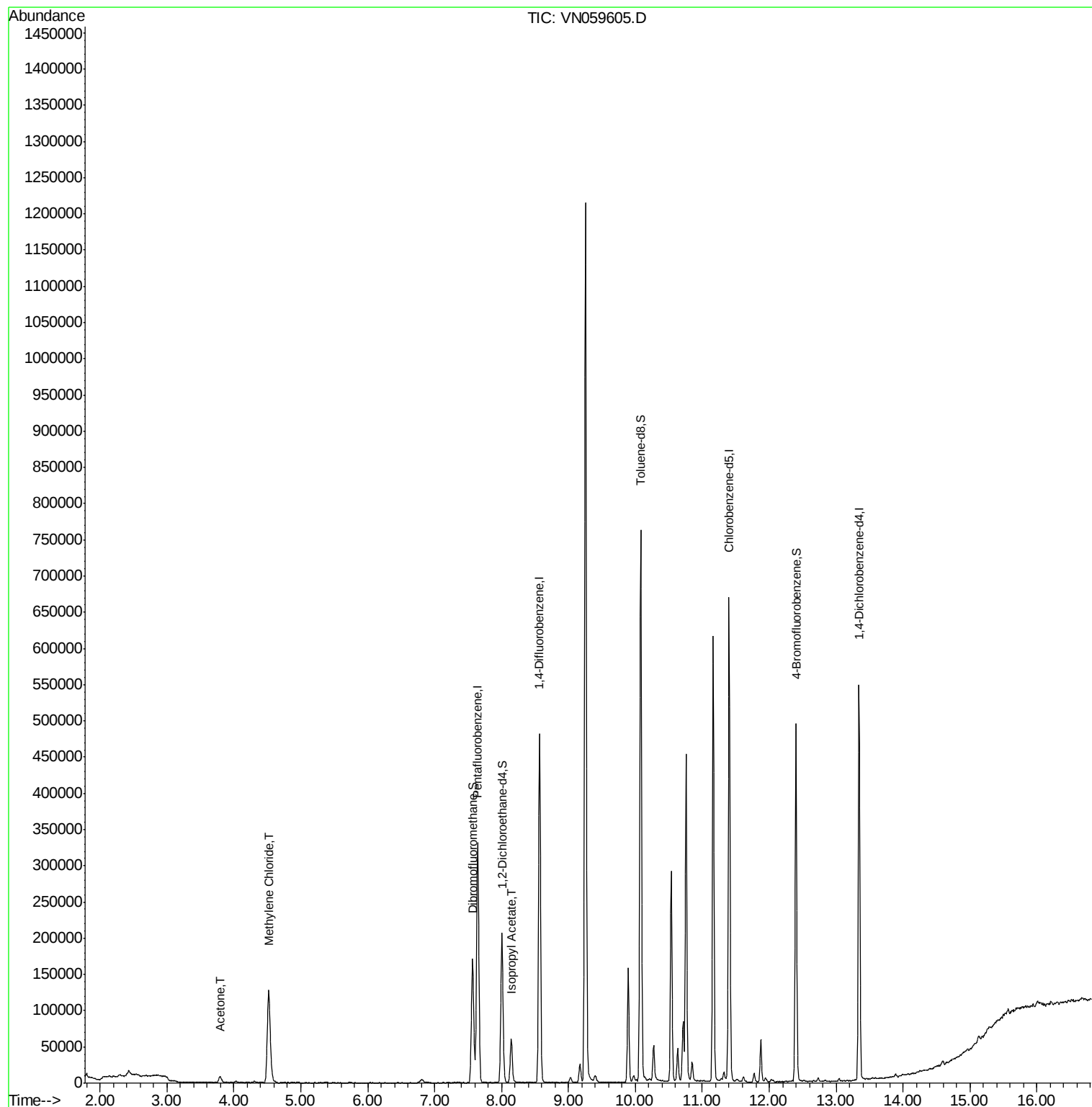
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	259576	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	413936	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	369807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140760	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	180954	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
35) Dibromofluoromethane	7.57	113	130926	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
50) Toluene-d8	10.08	98	517581	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.40	95	166188	44.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.84%	
Target Compounds						
16) Acetone	3.80	43	15503	6.913	ug/l	93
20) Methylene Chloride	4.52	84	96233	29.713	ug/l	98
43) Isopropyl Acetate	8.15	43	70872	9.086	ug/l #	91

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121619\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
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QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059605.D

Acq: 16 Dec 2019 16:17

Instrument :

MSVOA_N

ClientSampleId :

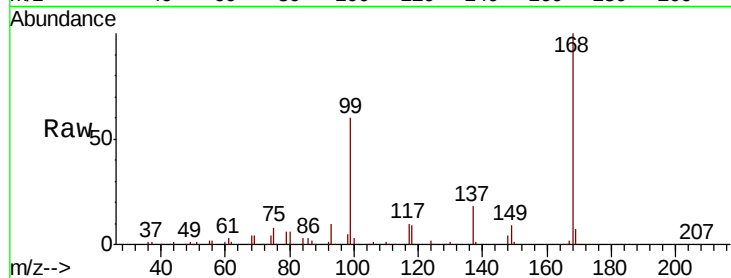
SOIL-CUTTINGS

Tot Ion:168 Resp: 259576

Ion Ratio Lower Upper

168 100

99 59.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059587.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN059587.D (-1807) (-)

7.64

120000

100000

80000

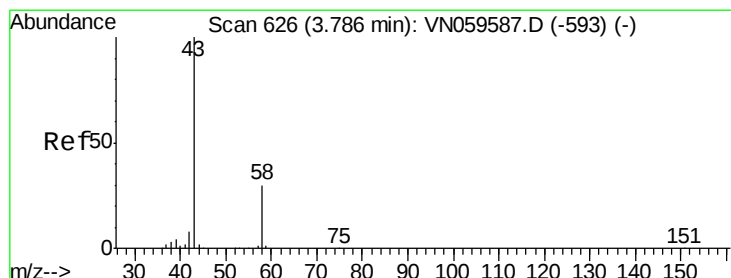
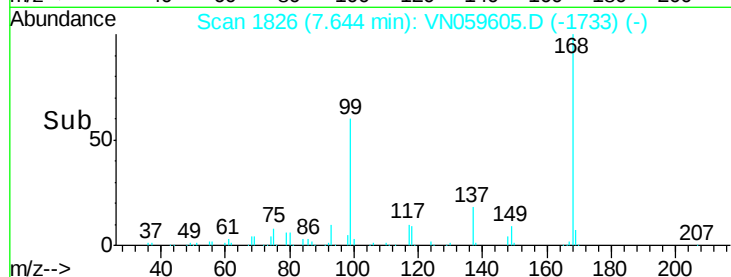
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 6.913 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN059605.D

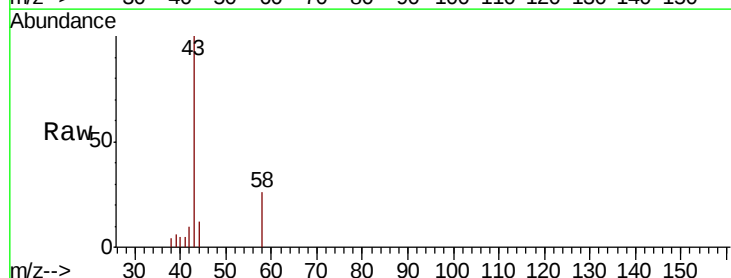
Acq: 16 Dec 2019 16:17

Tgt Ion: 43 Resp: 15503

Ion Ratio Lower Upper

43 100

58 26.0 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059587.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN059587.D (-593) (-)

3.80

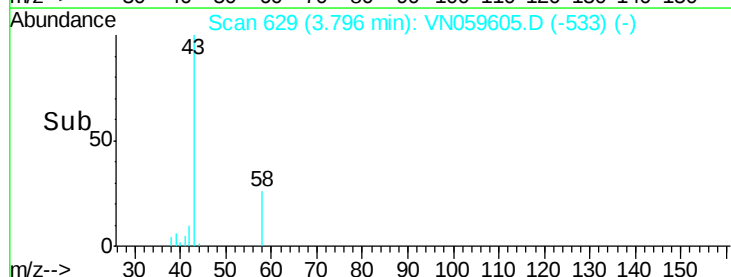
6000

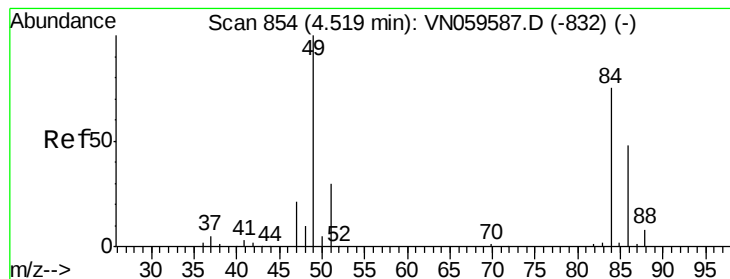
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 29.713 ug/l

RT: 4.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: VN059605.D

Acq: 16 Dec 2019 16:17

Instrument :

MSVOA_N

ClientSampleId :

SOIL-CUTTINGS

Tot Ion: 84 Resp: 96233

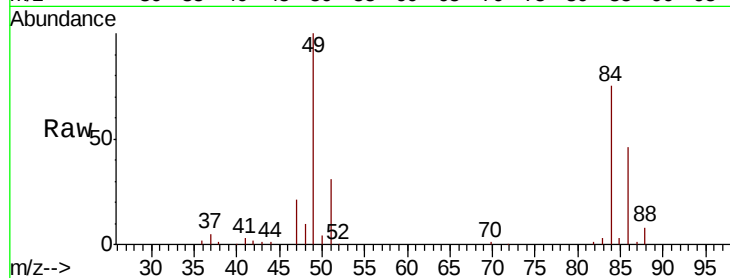
Ion Ratio Lower Upper

84 100

49 132.5 106.6 160.0

51 41.0 31.9 47.9

86 60.4 50.8 76.2

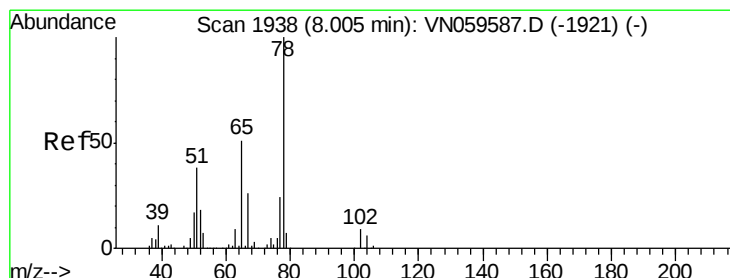
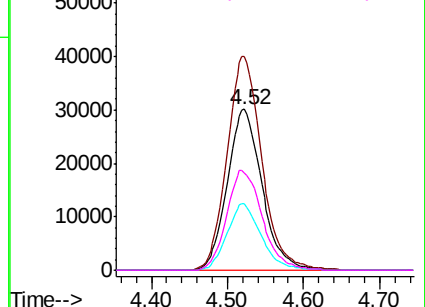
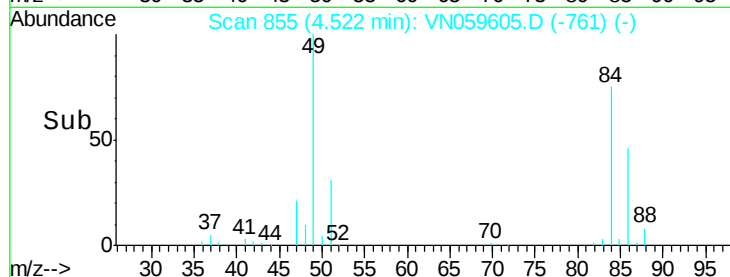


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 47.907 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059605.D

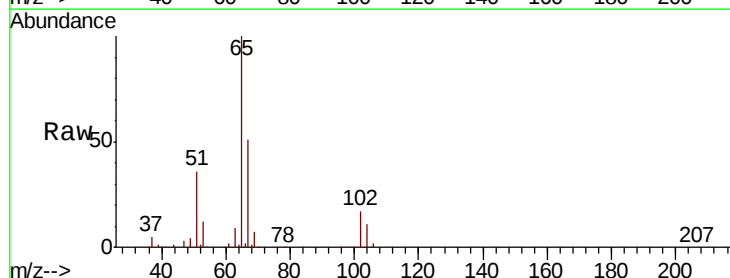
Acq: 16 Dec 2019 16:17

Tgt Ion: 65 Resp: 180954

Ion Ratio Lower Upper

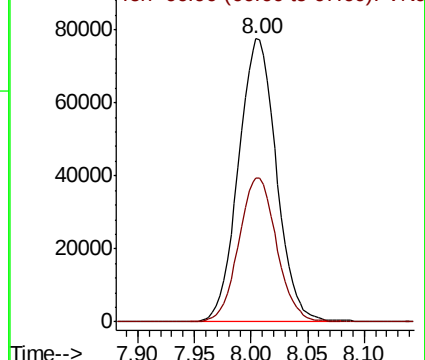
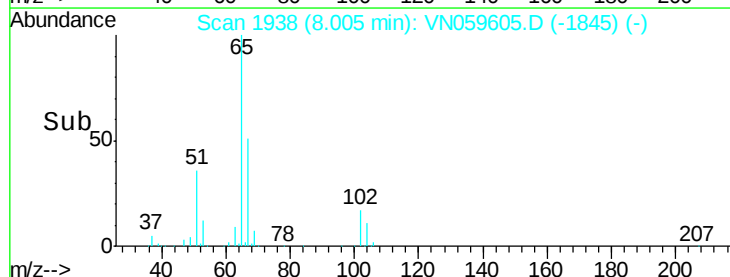
65 100

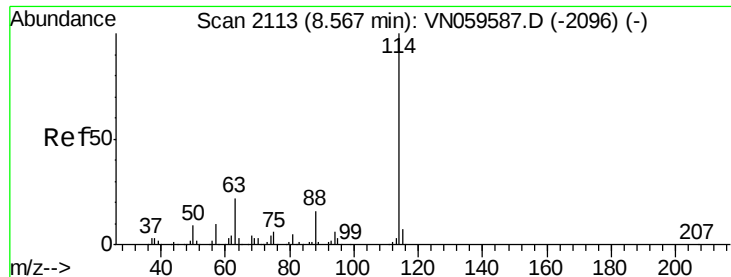
67 50.8 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN059605.D

Acq: 16 Dec 2019 16:17

Instrument :

MSVOA_N

ClientSampleId :

SOIL-CUTTINGS

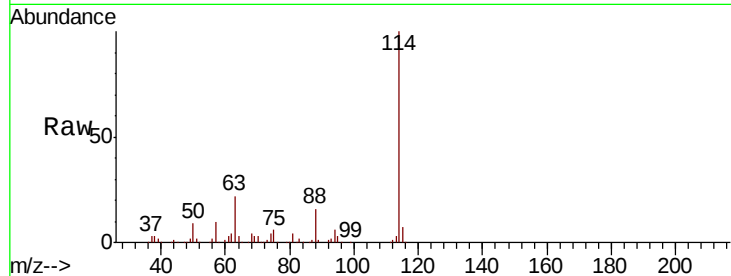
Tot Ion:114 Resp: 413936

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.6

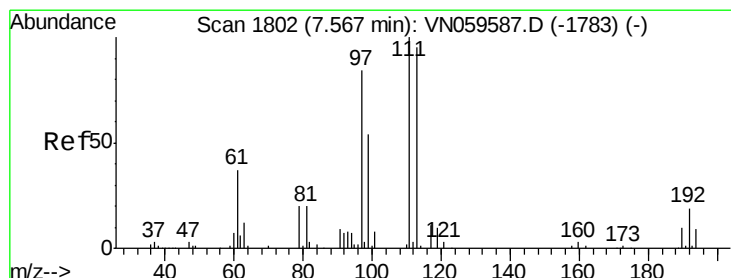
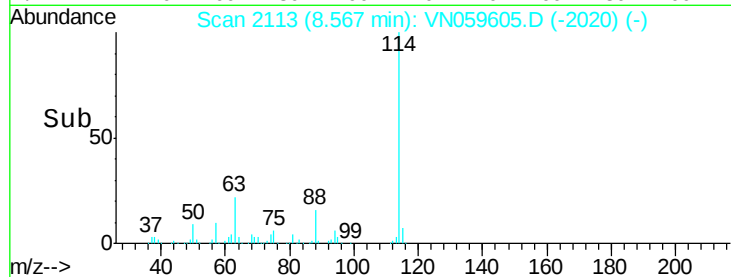
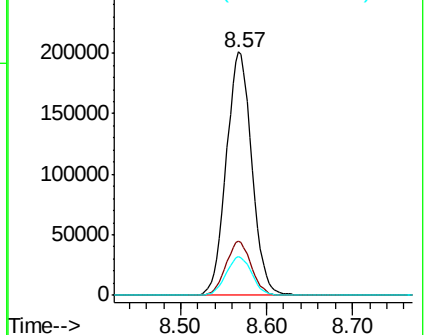
88 15.7 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.552 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059605.D

Acq: 16 Dec 2019 16:17

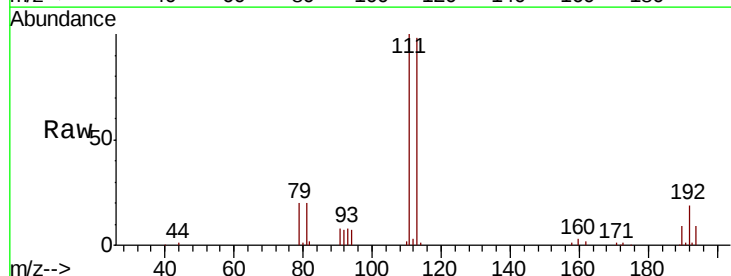
Tgt Ion:113 Resp: 130926

Ion Ratio Lower Upper

113 100

111 101.6 83.5 125.3

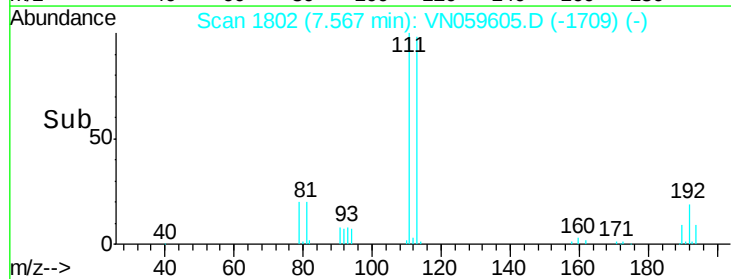
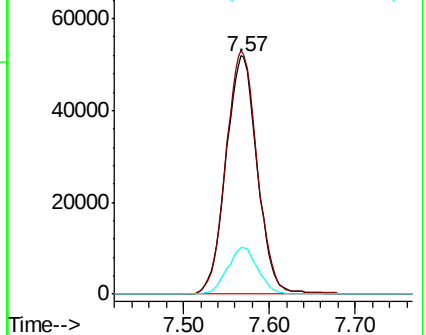
192 19.0 15.4 23.2

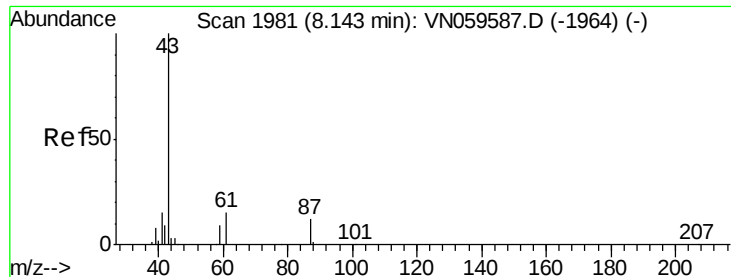


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.086 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059605.D

Acq: 16 Dec 2019 16:17

Instrument :

MSVOA_N

ClientSampleId :

SOIL-CUTTINGS

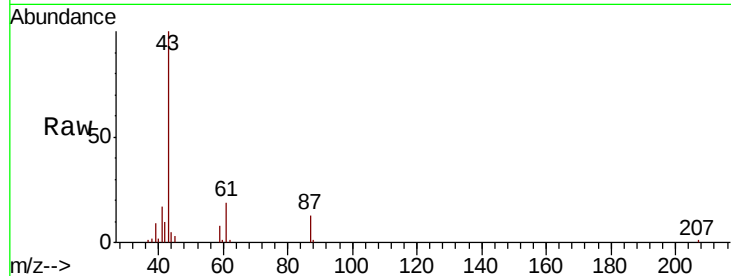
Tot Ion: 43 Resp: 70872

Ion Ratio Lower Upper

43 100

61 18.5 20.2 30.2#

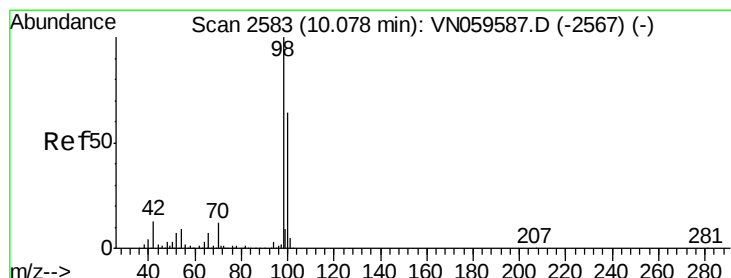
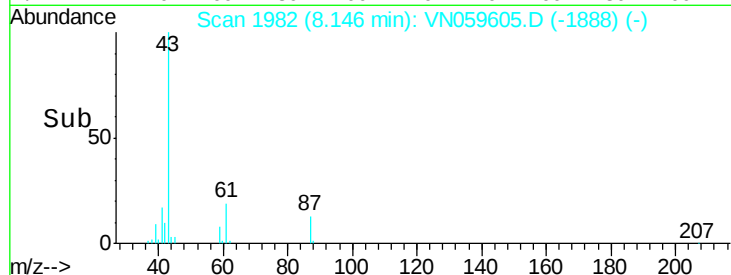
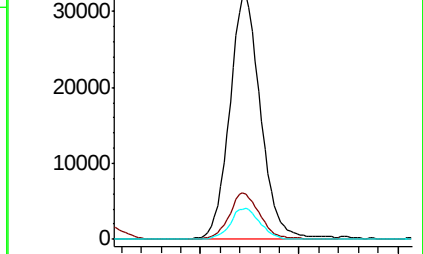
87 11.9 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN059587.D (-1964) (-)

Ion 61.00 (60.70 to 61.70): VN059587.D (-1964) (-)

Ion 87.00 (86.70 to 87.70): VN059587.D (-1964) (-)



#50

Toluene-d8

Concen: 50.476 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059605.D

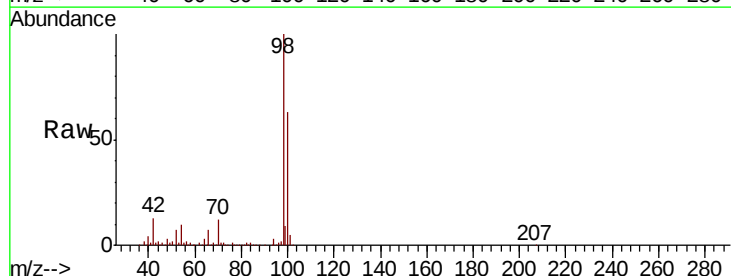
Acq: 16 Dec 2019 16:17

Tgt Ion: 98 Resp: 517581

Ion Ratio Lower Upper

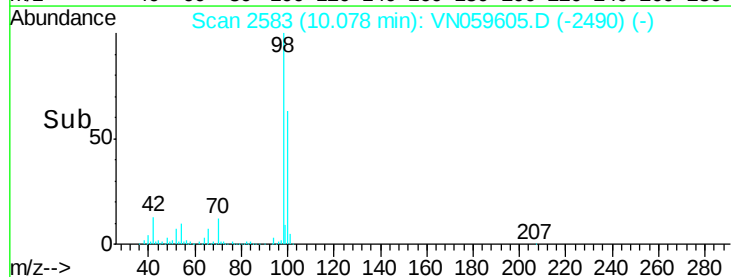
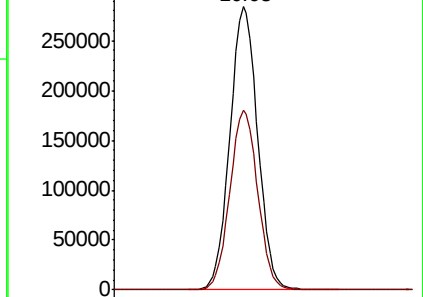
98 100

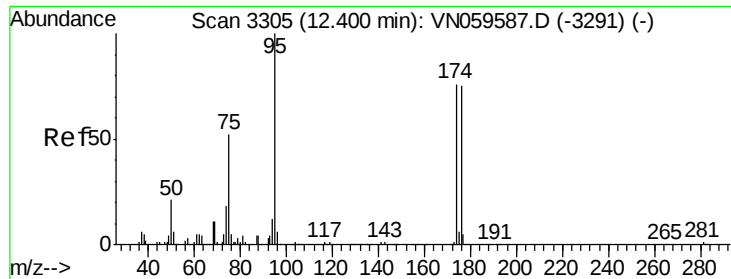
100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059587.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN059587.D (-2567) (-)

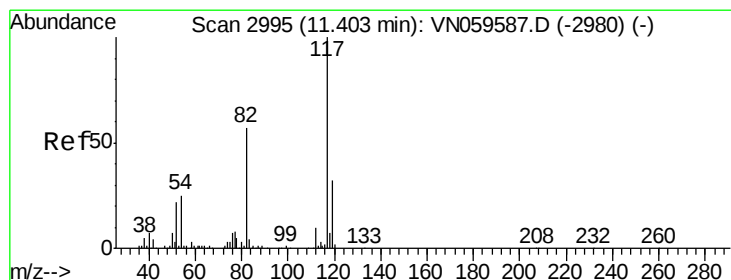
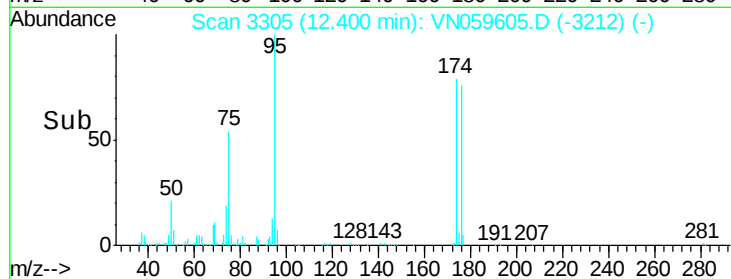
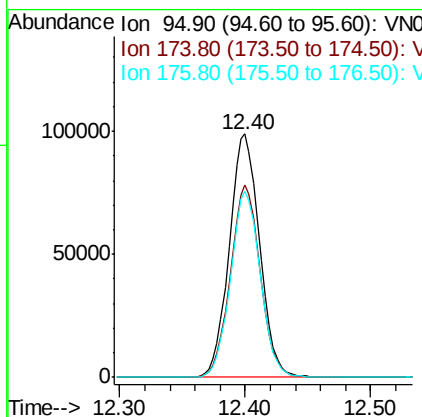
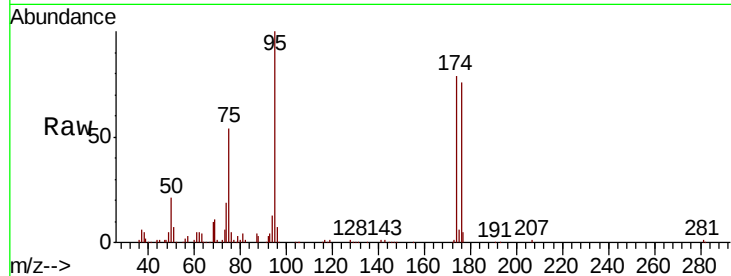




#62
4-Bromofluorobenzene
Concen: 44.417 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN059605.D
Acq: 16 Dec 2019 16:17

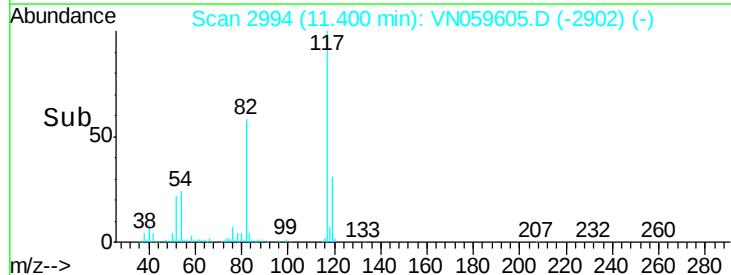
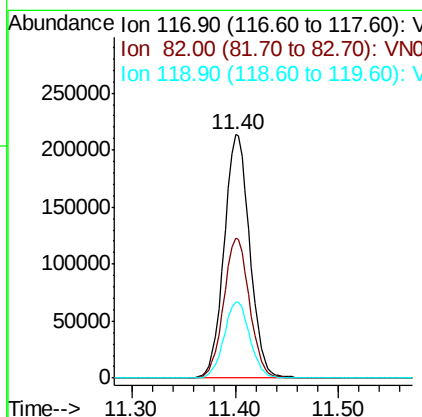
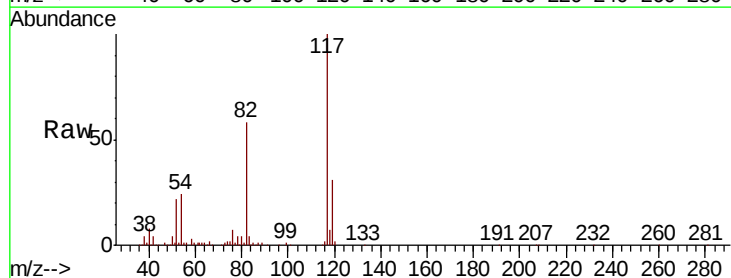
Instrument :
MSVOA_N
ClientSampleId :
SOIL-CUTTINGS

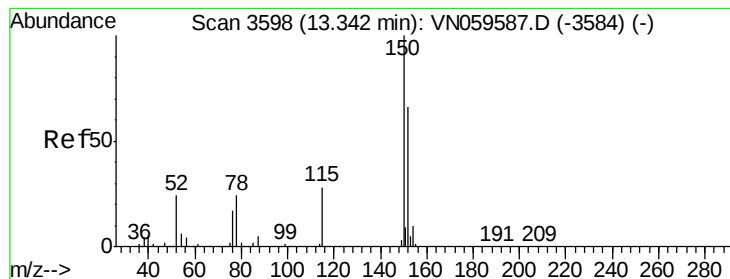
Tot Ion	Ratio	Lower	Upper
95	100		
174	77.7	0.0	151.4
176	75.2	0.0	146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN059605.D
Acq: 16 Dec 2019 16:17

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.6	45.9	68.9
119	31.4	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN059605.D

Acq: 16 Dec 2019 16:17

Instrument :

MSVOA_N

ClientSampleId :

SOIL-CUTTINGS

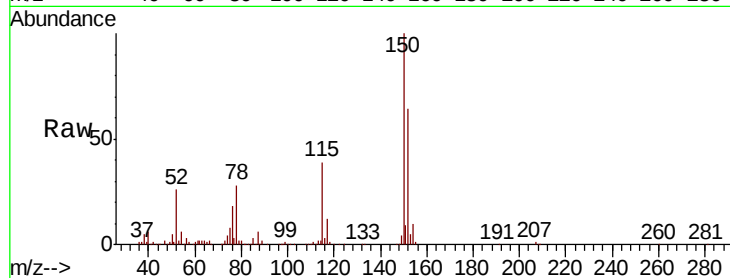
Tot Ion:152 Resp: 140760

Ion Ratio Lower Upper

152 100

115 60.4 30.3 90.9

150 157.5 0.0 345.2



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

