

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112619\
 Data File : VN059413.D
 Acq On : 26 Nov 2019 17:42
 Operator : JC/SP
 Sample : K6025-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-CUTTINGS

Quant Time: Nov 27 00:43:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	354936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	544582	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	485299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	188833	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	197748	46.43	ug/l	0.00
Spiked Amount			Recovery	=	92.86%	
35) Dibromofluoromethane	7.57	113	162983	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	
50) Toluene-d8	10.08	98	666290	51.30	ug/l	0.00
Spiked Amount			Recovery	=	102.60%	
62) 4-Bromofluorobenzene	12.40	95	219289	48.29	ug/l	0.00
Spiked Amount			Recovery	=	96.58%	

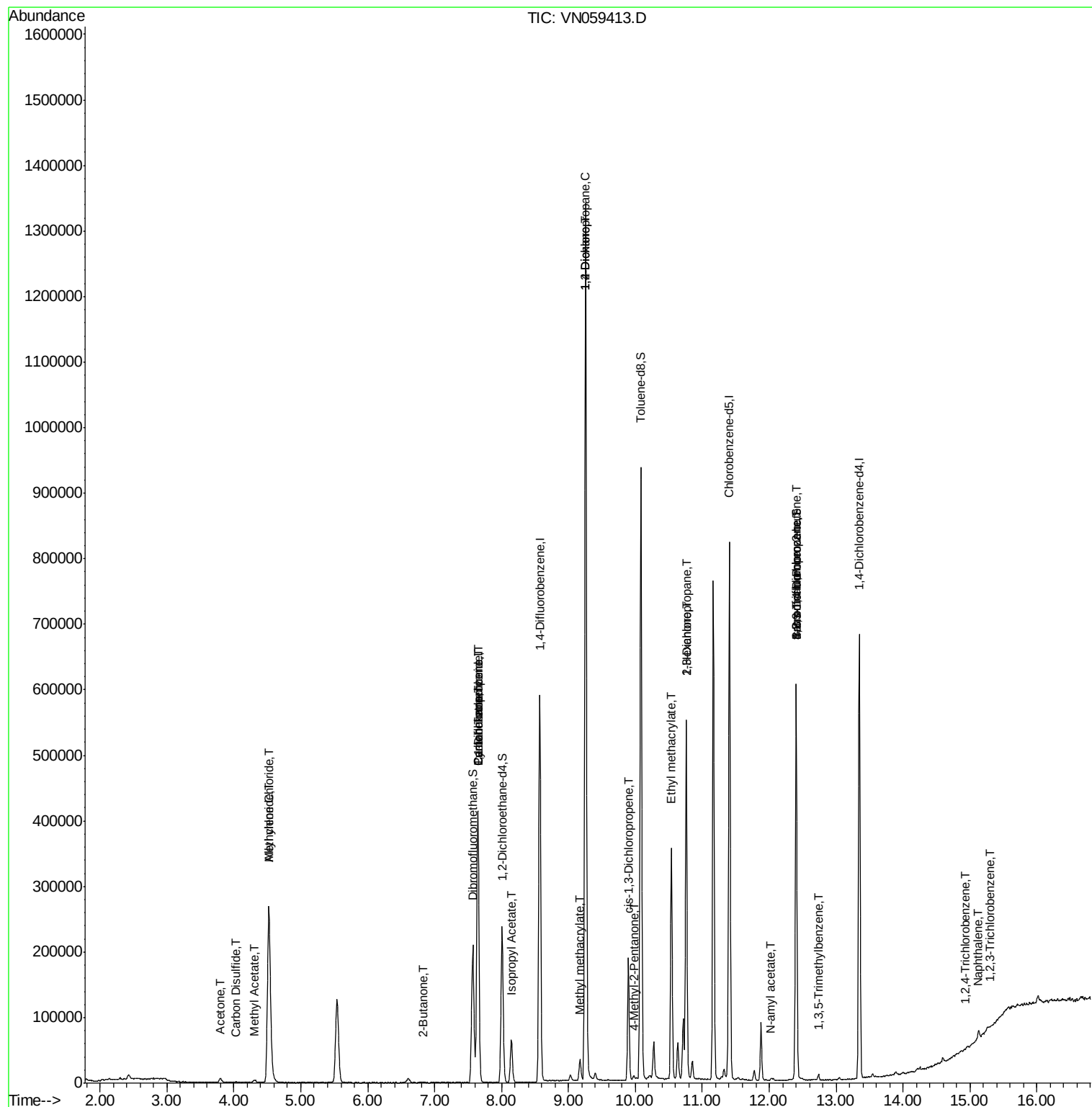
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.53	41	8941	1.249	ug/l #	29
16) Acetone	3.80	43	10394	5.443	ug/l	99
17) Carbon Disulfide	4.03	76	1161	0.237	ug/l #	75
18) Methyl Acetate	4.31	43	7382	1.165	ug/l #	85
20) Methylene Chloride	4.52	84	217624	50.533	ug/l	99
25) 2-Butanone	6.83	43	861	0.290	ug/l #	49
30) Chloroform	7.36	83	816	Below Cal	#	76
31) Cyclohexane	7.64	56	8068	1.076	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	25262	4.493	ug/l #	50
38) Carbon Tetrachloride	7.65	117	32541	6.046	ug/l #	16
43) Isopropyl Acetate	8.15	43	76469	8.281	ug/l #	92
45) 1,2-Dichloropropane	9.26	63	1754	0.399	ug/l #	45
48) Methyl methacrylate	9.17	41	5361	1.277	ug/l #	14
49) 1,4-Dioxane	9.26	88	73	1.157	ug/l #	1
51) 4-Methyl-2-Pentanone	9.97	43	4695	0.869	ug/l	99
54) cis-1,3-Dichloropropene	9.90	75	34743	5.096	ug/l #	62
56) Ethyl methacrylate	10.54	69	1076	2.351	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	5504	0.819	ug/l #	42
59) 2-Hexanone	10.76	43	77429	19.564	ug/l #	52
71) Bromoform	12.41	173	1215	0.423	ug/l #	1
74) N-amyl acetate	12.03	43	2647	0.426	ug/l #	42
76) 1,2,3-Trichloropropane	12.40	75	104334	23.916	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	5049	0.388	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	104334	59.818	ug/l #	14
93) 1,2,4-Trichlorobenzene	14.92	180	63	2.953	ug/l #	87
95) Naphthalene	15.13	128	11954	4.174	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	250	1.962	ug/l #	1

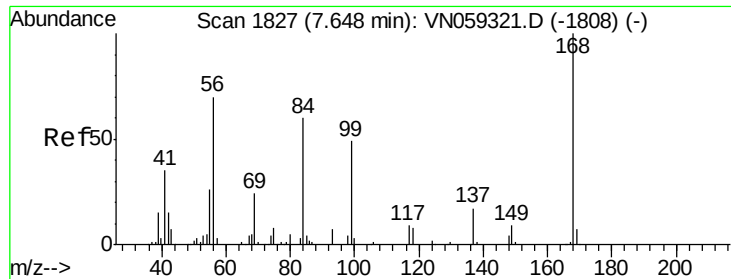
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059413.D

Acq: 26 Nov 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

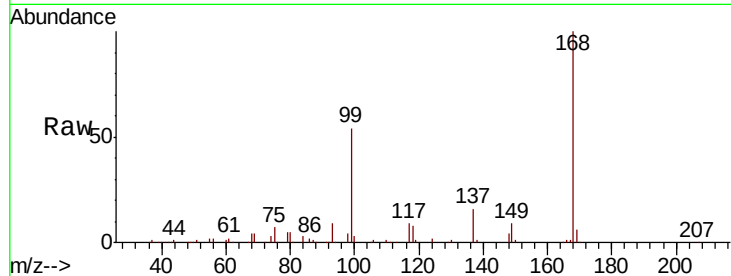
SOIL-CUTTINGS

Tot Ion:168 Resp: 354936

Ion Ratio Lower Upper

168 100

99 53.9 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

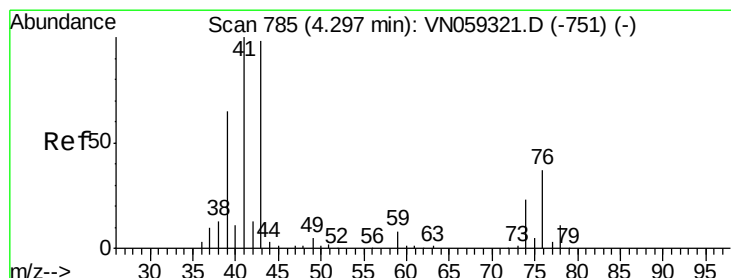
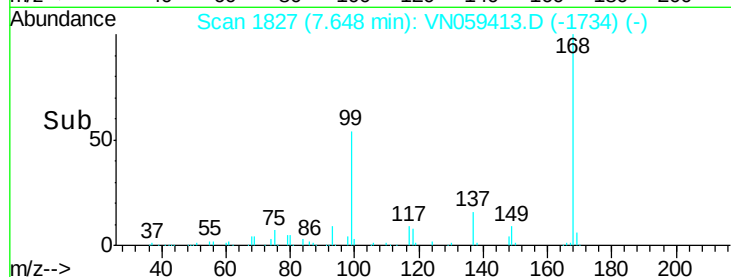
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#14

Allyl chloride

Concen: 1.249 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.23 min

Lab File: VN059413.D

Acq: 26 Nov 2019 17:42

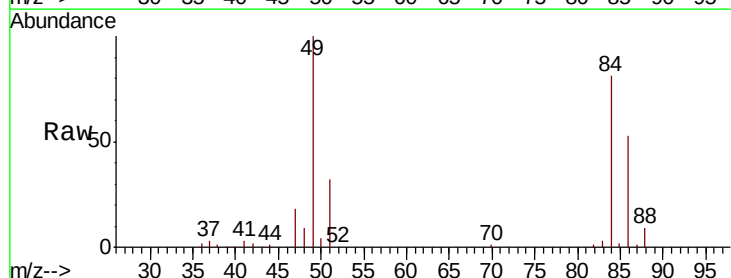
Tgt Ion: 41 Resp: 8941

Ion Ratio Lower Upper

41 100

39 1.1 48.4 72.6#

76 0.0 26.2 39.4#



Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO

4.53

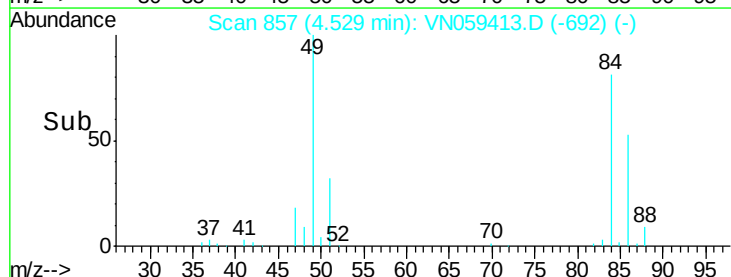
3000

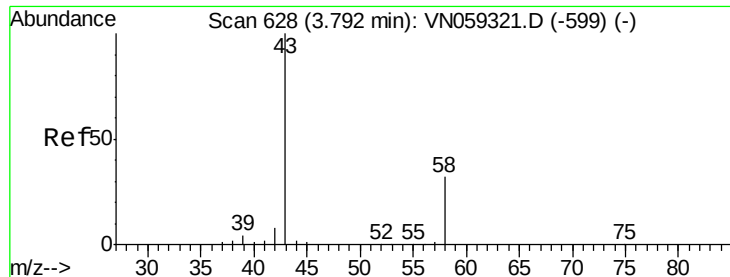
2000

1000

0

Time--> 4.45 4.50 4.55 4.60





#16

Acetone

Concen: 5.443 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN059413.D

Acq: 26 Nov 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

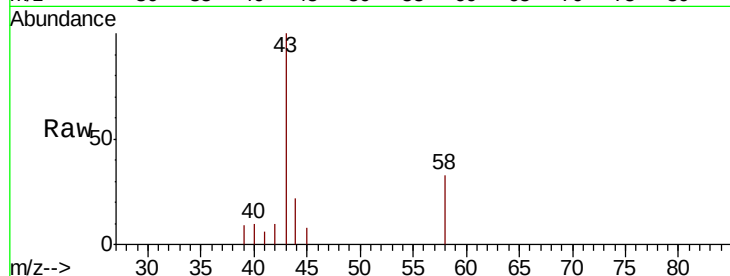
SOIL-CUTTINGS

Tot Ion: 43 Resp: 10394

Ion Ratio Lower Upper

43 100

58 33.0 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VN059413.D (-535) (-)

Ion 58.00 (57.70 to 58.70): VN059413.D (-535) (-)

3.80

4000

3000

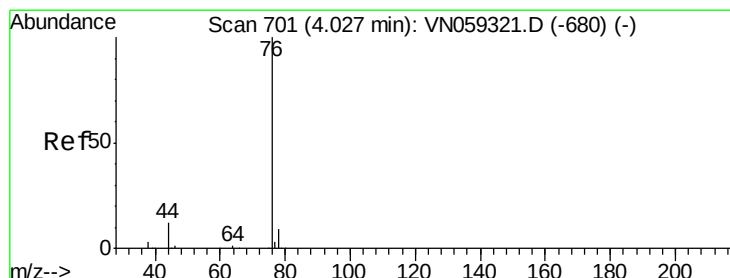
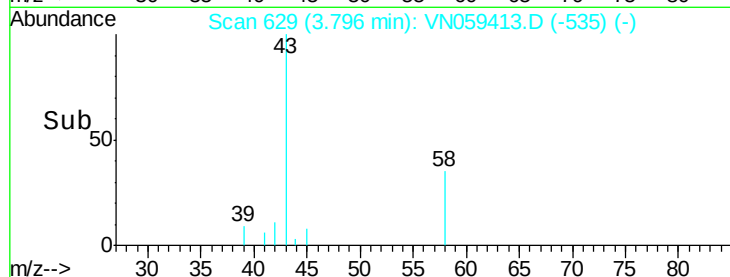
2000

1000

0

Time-->

3.70 3.80 3.90



#17

Carbon Disulfide

Concen: 0.237 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN059413.D

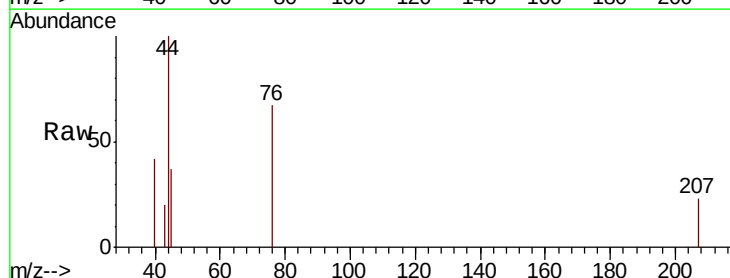
Acq: 26 Nov 2019 17:42

Tgt Ion: 76 Resp: 1161

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN059413.D (-608) (-)

Ion 77.90 (77.60 to 78.60): VN059413.D (-608) (-)

4.03

600

500

400

300

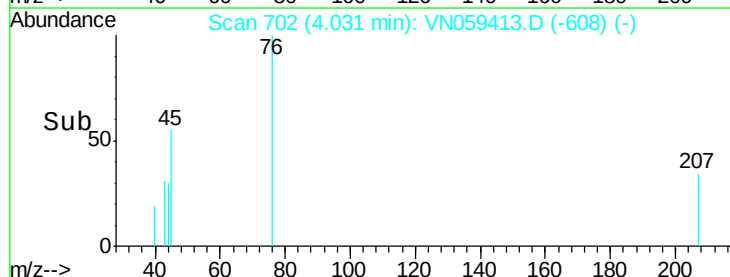
200

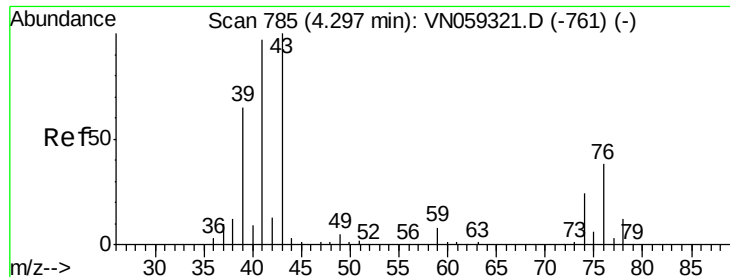
100

0

Time-->

4.00 4.05





#18

Methyl Acetate

Concen: 1.165 ug/l

RT: 4.31 min Scan# 788

Delta R.T. 0.01 min

Lab File: VN059413.D

Acq: 26 Nov 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

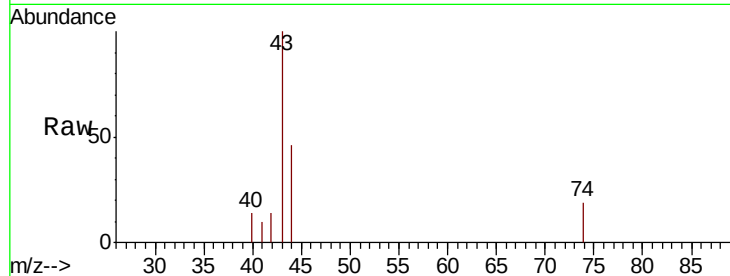
SOIL-CUTTINGS

Tot Ion: 43 Resp: 7382

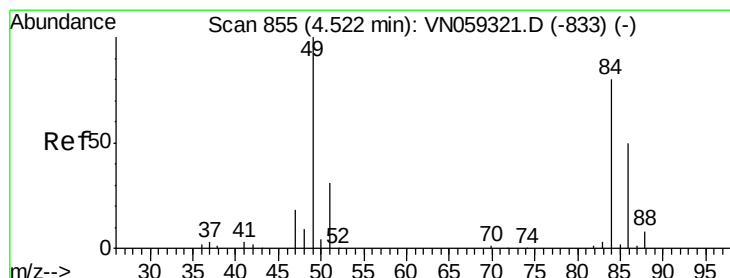
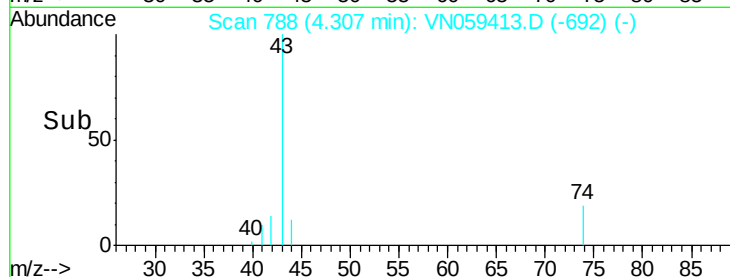
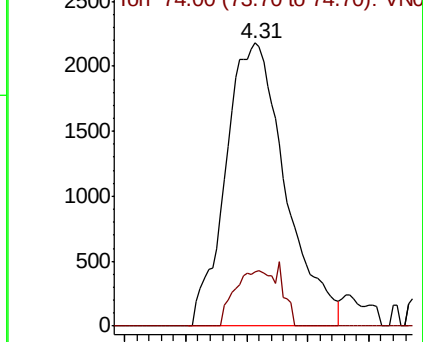
Ion Ratio Lower Upper

43 100

74 15.4 18.1 27.1#



Abundance Ion 43.00 (42.70 to 43.70): VN059413.D (-692) (-)



#20

Methylene Chloride

Concen: 50.533 ug/l

RT: 4.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: VN059413.D

Acq: 26 Nov 2019 17:42

Tgt Ion: 84 Resp: 217624

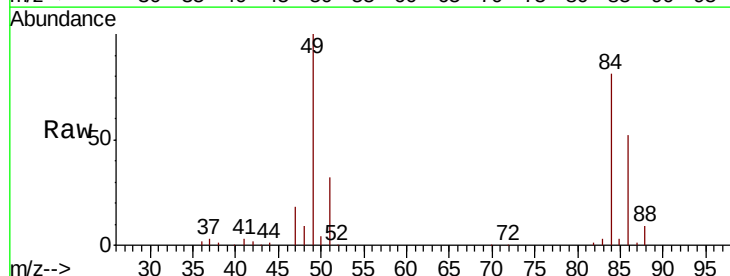
Ion Ratio Lower Upper

84 100

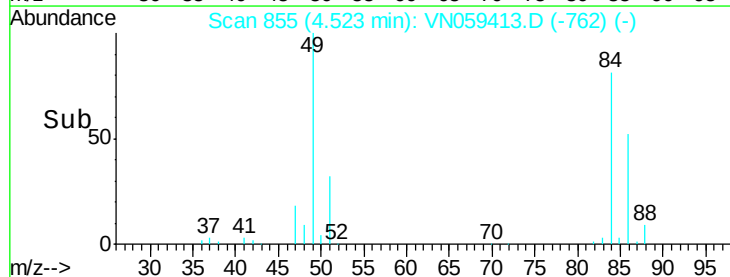
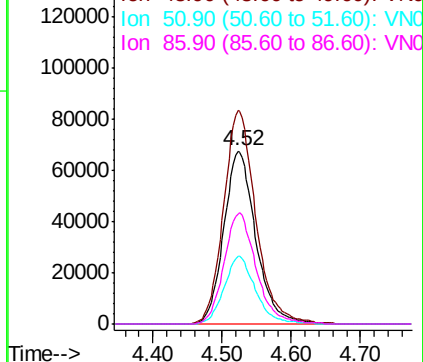
49 123.5 99.5 149.3

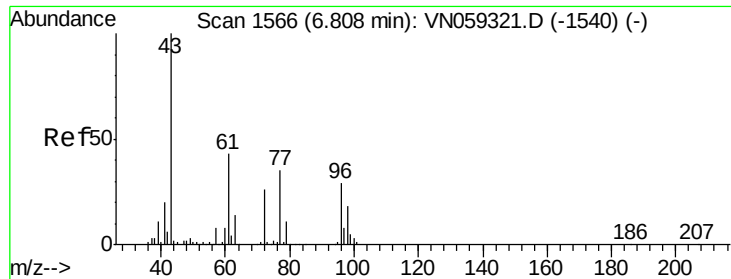
51 39.4 31.1 46.7

86 63.7 49.9 74.9



Abundance Ion 83.90 (83.60 to 84.60): VN059413.D (-762) (-)

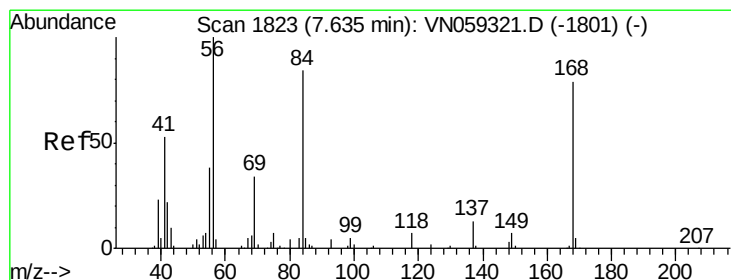
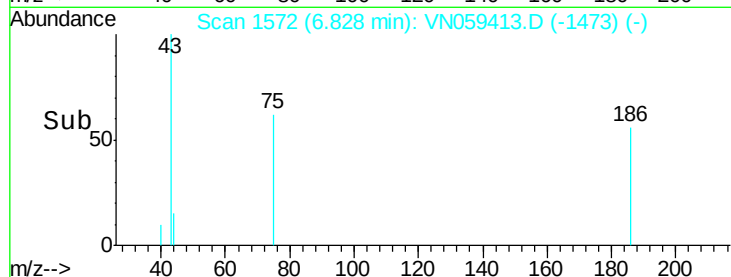
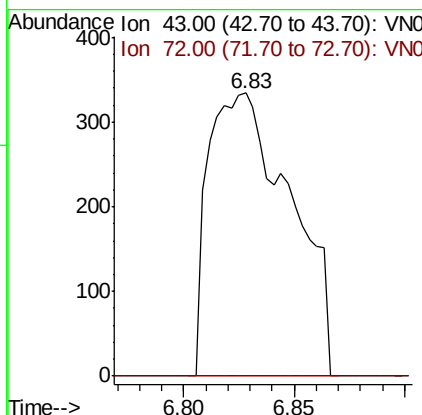
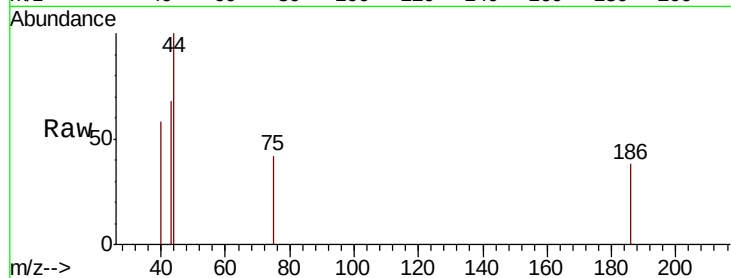




#25
2-Butanone
Concen: 0.290 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.02 min
Lab File: VN059413.D
Acq: 26 Nov 2019 17:42

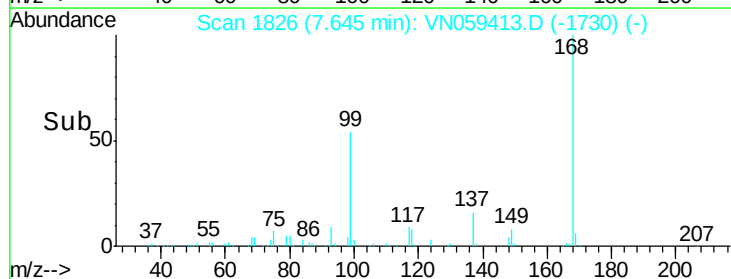
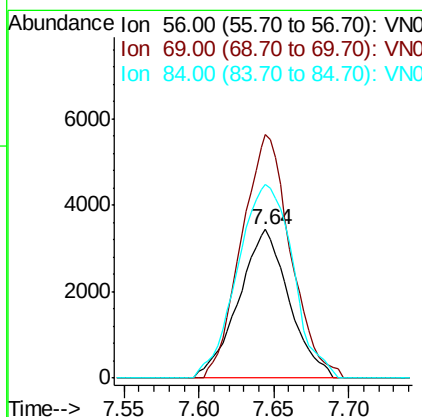
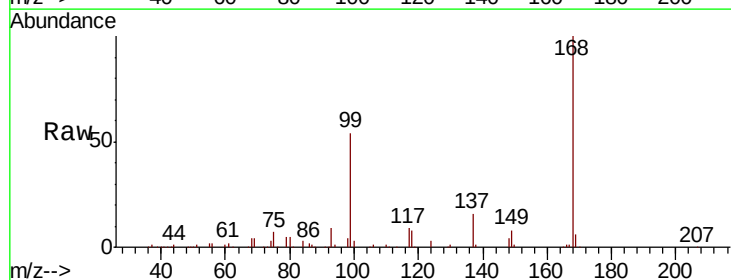
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SOIL-CUTTINGS

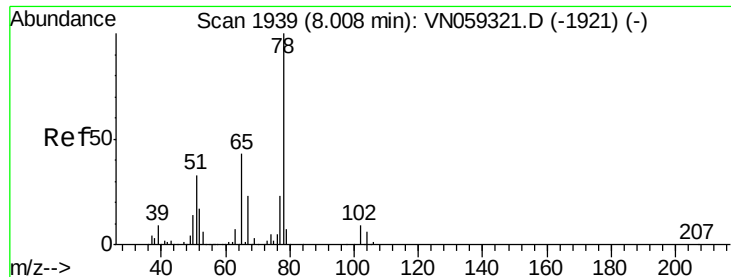
Tot Ion: 43 Resp: 861
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#31
Cyclohexane
Concen: 1.076 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059413.D
Acq: 26 Nov 2019 17:42

Tgt Ion: 56 Resp: 8068
Ion Ratio Lower Upper
56 100
69 164.1 26.6 40.0#
84 130.7 67.0 100.4#

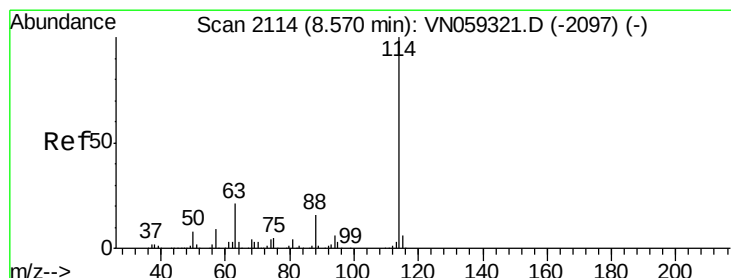
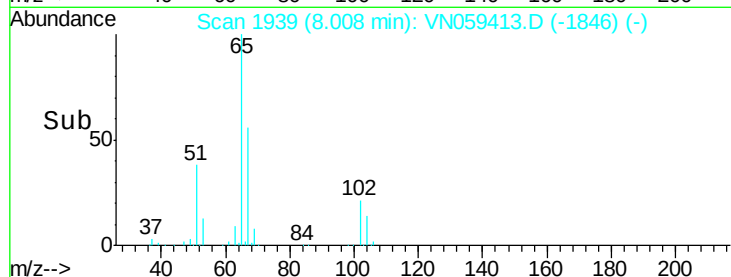
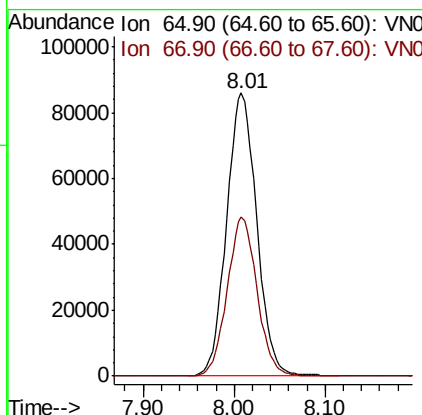
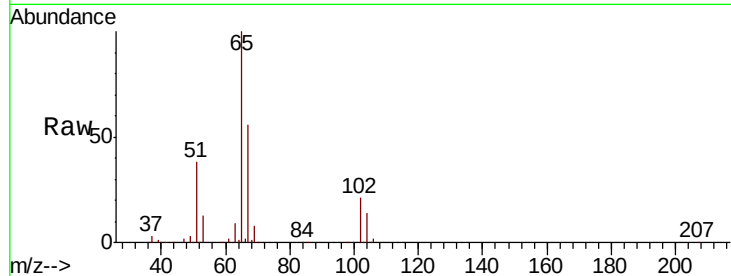




#33
 1,2-Dichloroethane-d4
 Concen: 46.434 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059413.D
 Acq: 26 Nov 2019 17:42

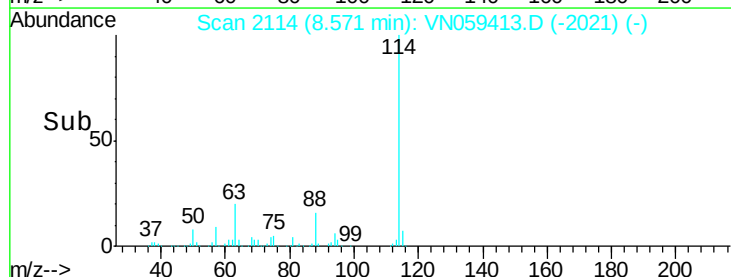
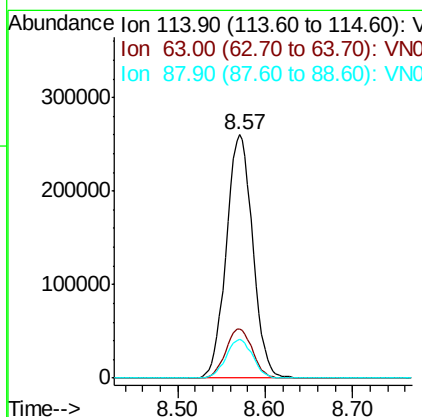
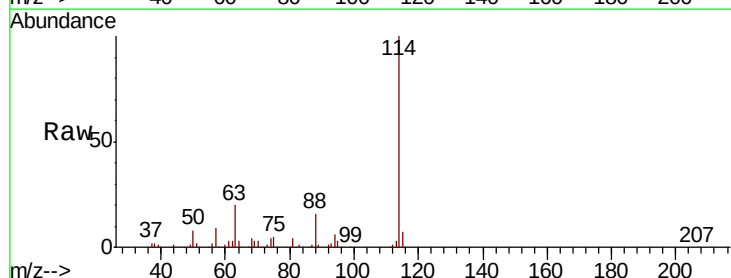
Instrument :
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 ClientSampleId :
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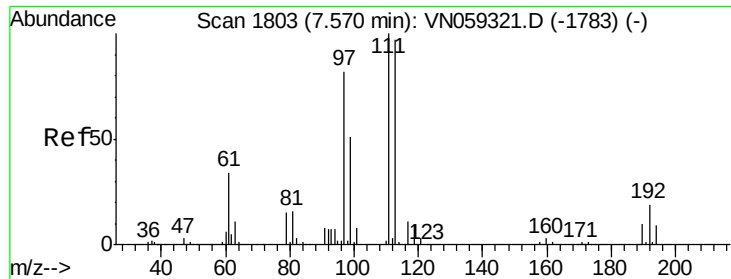
Tot Ion: 65 Resp: 197748
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059413.D
 Acq: 26 Nov 2019 17:42

Tgt Ion: 114 Resp: 544582
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.2
 88 15.9 0.0 32.2

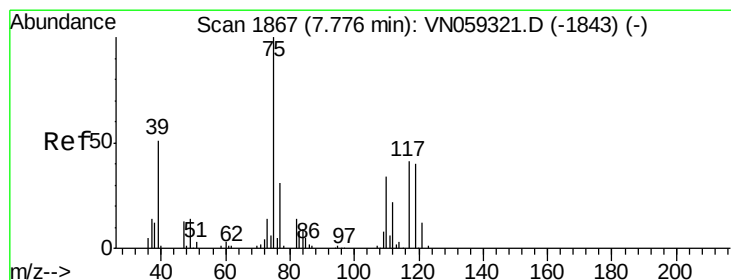
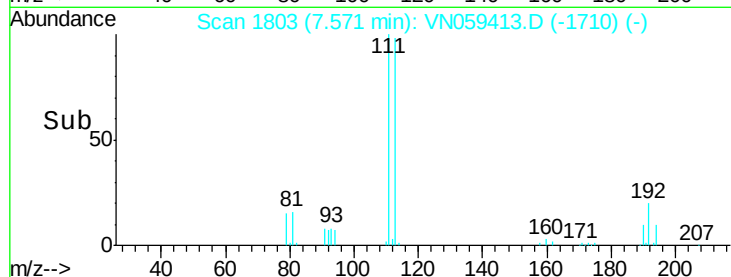
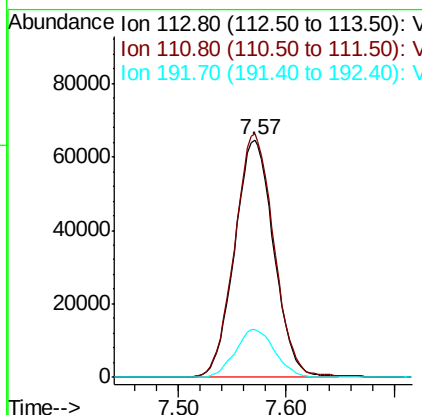
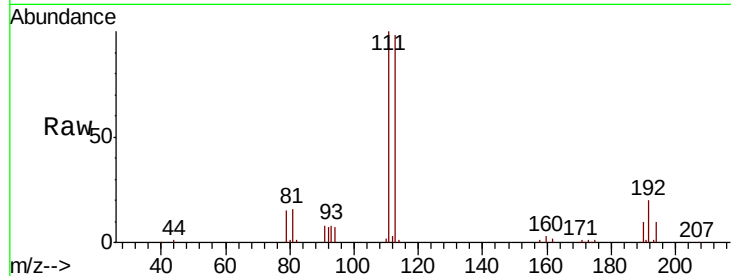




#35
 Dibromofluoromethane
 Concen: 49.885 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059413.D
 Acq: 26 Nov 2019 17:42

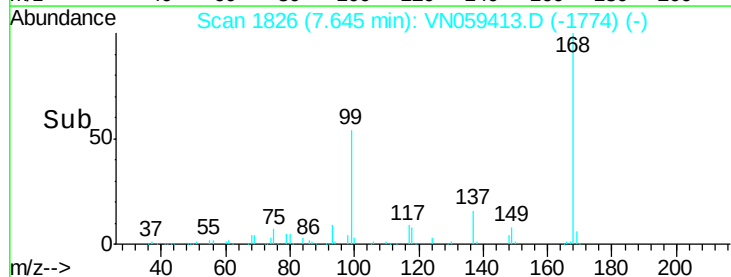
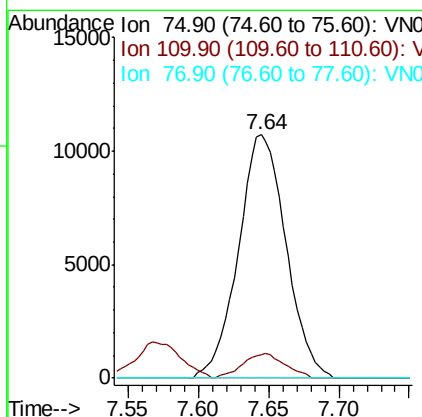
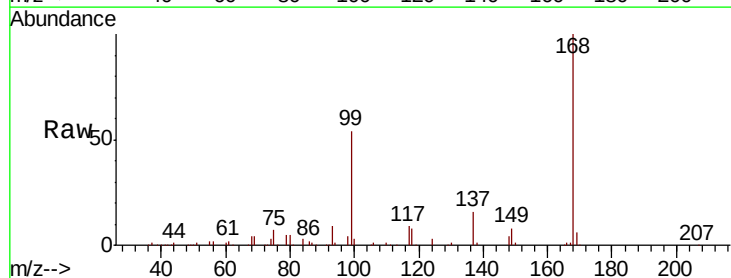
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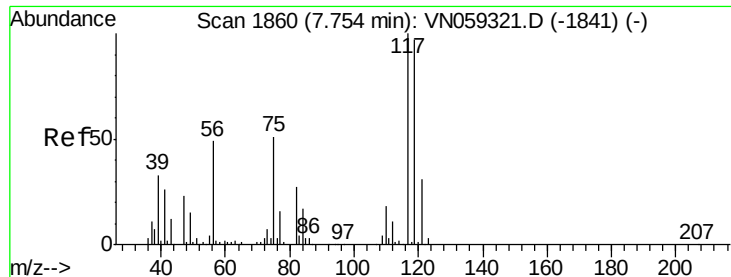
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.7	124.1
192	20.4	16.3	24.5



#36
 1,1-Dichloropropene
 Concen: 4.493 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059413.D
 Acq: 26 Nov 2019 17:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.0	51.0#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.046 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.11 min

Lab File: VN059413.D

Acq: 26 Nov 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

SOIL-CUTTINGS

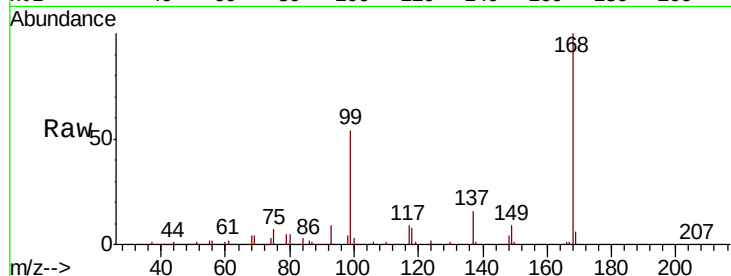
Tot Ion:117 Resp: 32541

Ion Ratio Lower Upper

117 100

119 5.7 77.0 115.4#

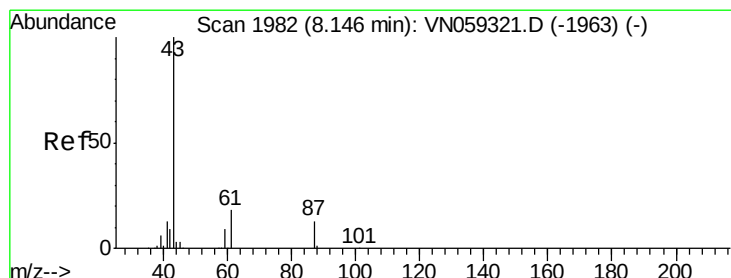
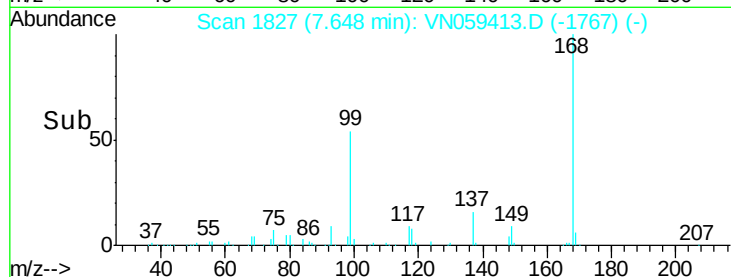
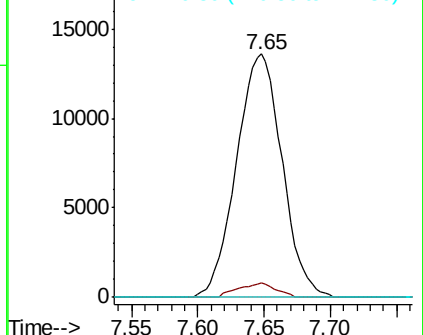
121 0.0 24.4 36.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 8.281 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059413.D

Acq: 26 Nov 2019 17:42

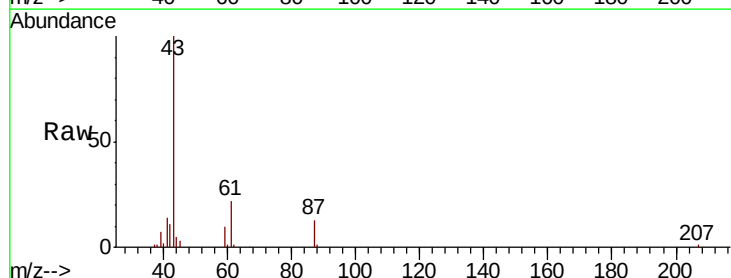
Tgt Ion: 43 Resp: 76469

Ion Ratio Lower Upper

43 100

61 21.5 21.7 32.5#

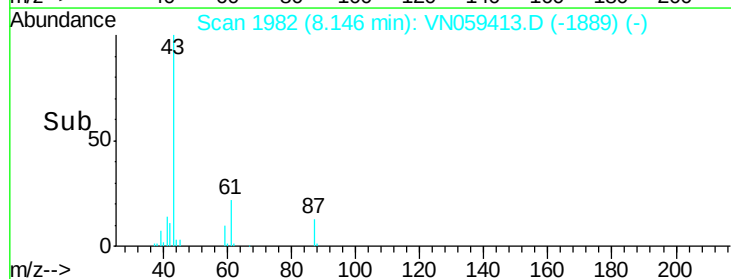
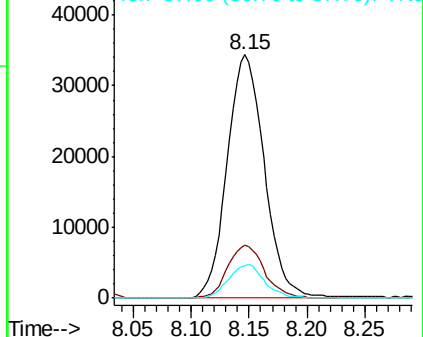
87 13.2 10.2 15.4

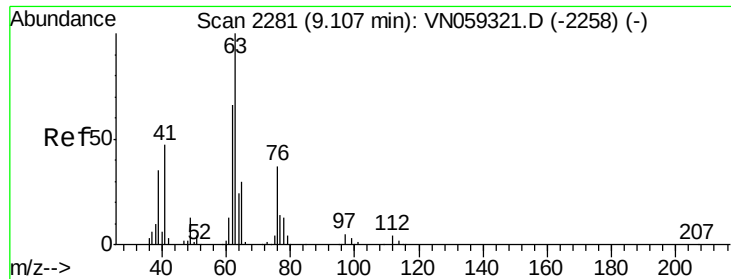


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#45

1,2-Dichloropropane

Concen: 0.399 ug/l

RT: 9.26 min Scan# 2327

Delta R.T. 0.15 min

Lab File: VN059413.D

Acq: 26 Nov 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

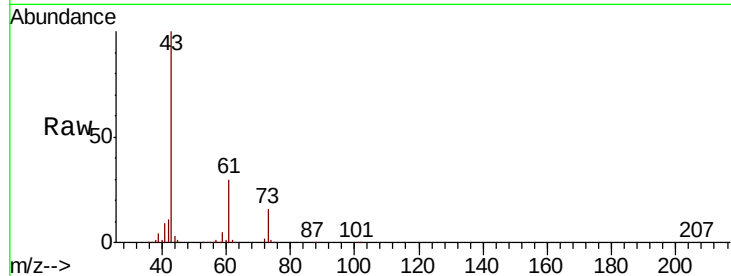
SOIL-CUTTINGS

Tot Ion: 63 Resp: 1754

Ion Ratio Lower Upper

63 100

65 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO

1200

1000

800

600

400

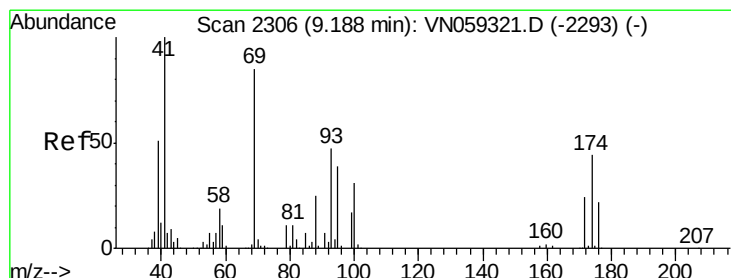
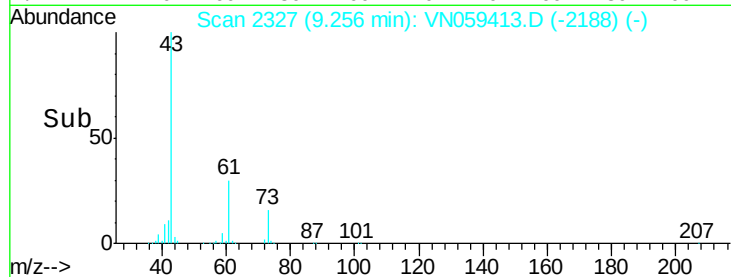
200

0

9.25

9.30

Time-->



#48

Methyl methacrylate

Concen: 1.277 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.02 min

Lab File: VN059413.D

Acq: 26 Nov 2019 17:42

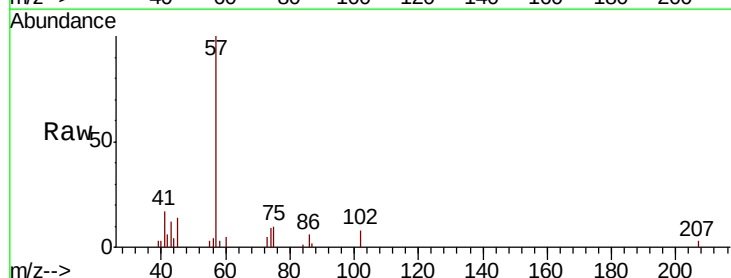
Tgt Ion: 41 Resp: 5361

Ion Ratio Lower Upper

41 100

69 0.0 68.8 103.2#

39 0.0 42.1 63.1#



Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

80000

60000

40000

20000

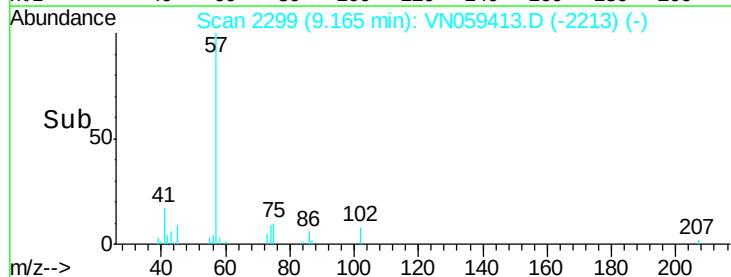
0

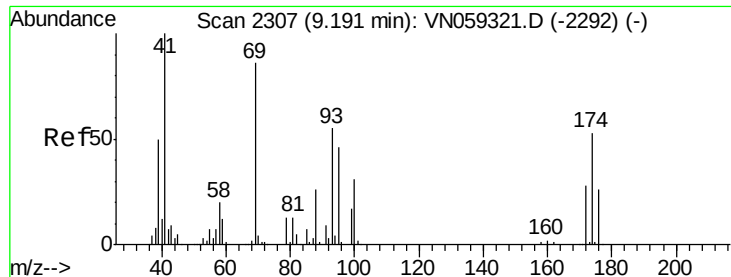
9.10

9.15

9.20

Time-->





#49

1,4-Dioxane

Concen: 1.157 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.07 min

Lab File: VN059413.D

Acq: 26 Nov 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

SOIL-CUTTINGS

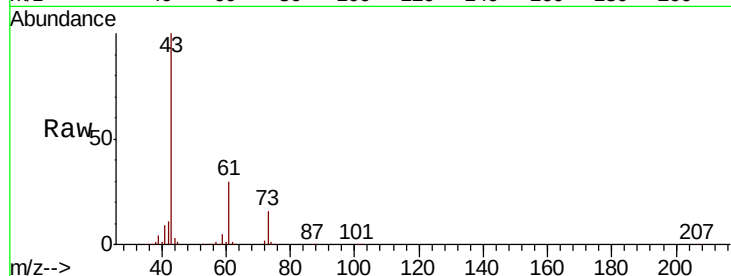
Tot Ion: 88 Resp: 73

Ion Ratio Lower Upper

88 100

43 1801002.7 26.9 40.3#

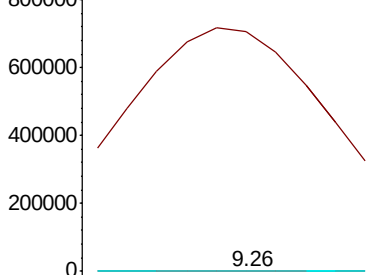
58 7675.3 59.2 88.8#



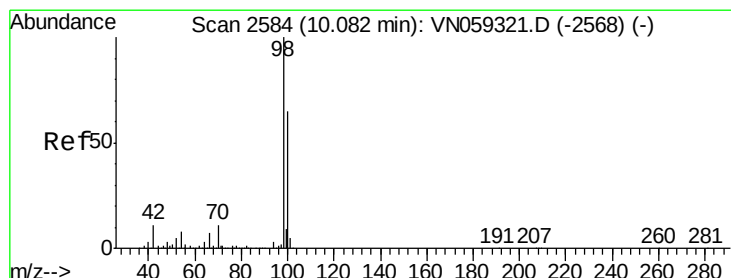
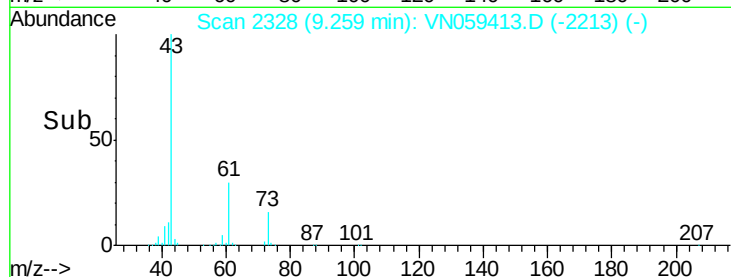
Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->



#50

Toluene-d8

Concen: 51.298 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059413.D

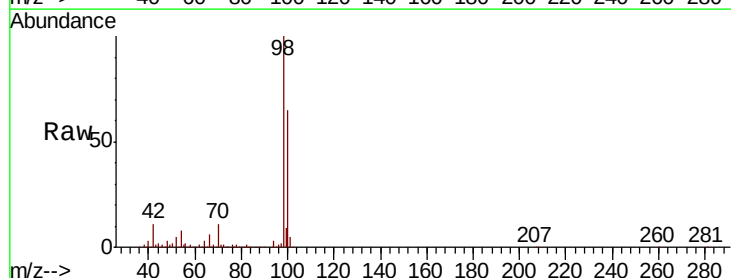
Acq: 26 Nov 2019 17:42

Tgt Ion: 98 Resp: 666290

Ion Ratio Lower Upper

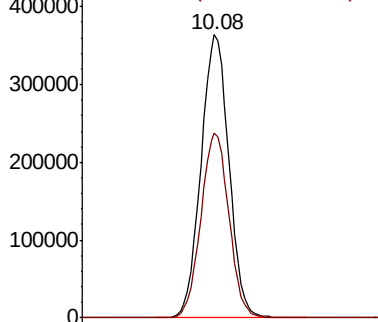
98 100

100 65.4 51.7 77.5

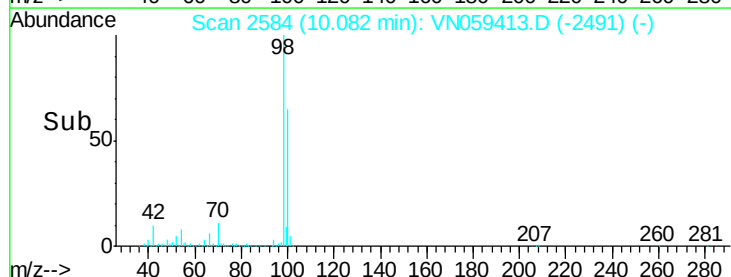


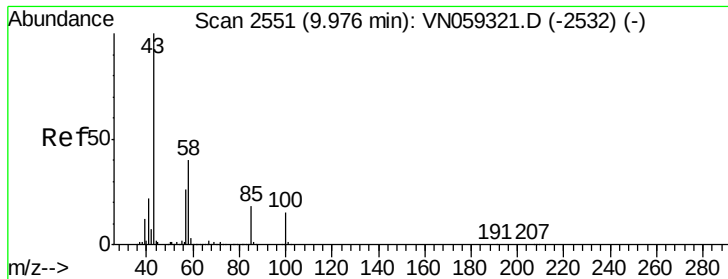
Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0



Time-->





#51

4-Methyl-2-Pentanone

Concen: 0.869 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059413.D

Acq: 26 Nov 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

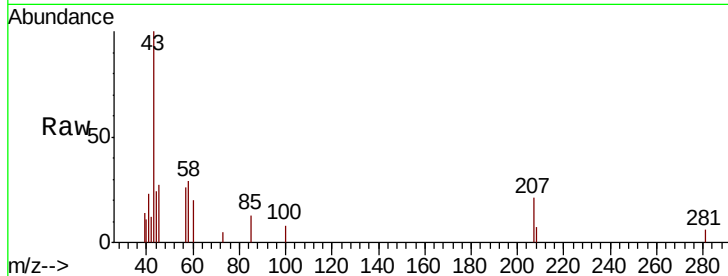
SOIL-CUTTINGS

Tot Ion: 43 Resp: 4695

Ion Ratio Lower Upper

43 100

58 39.4 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

12000

10000

8000

6000

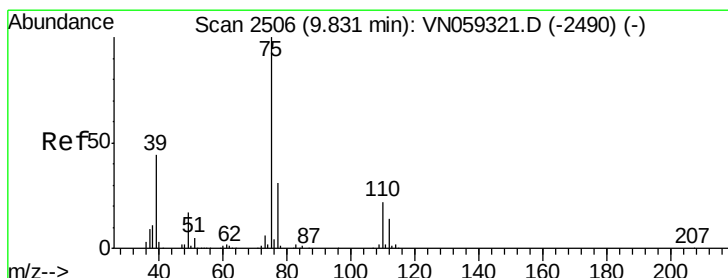
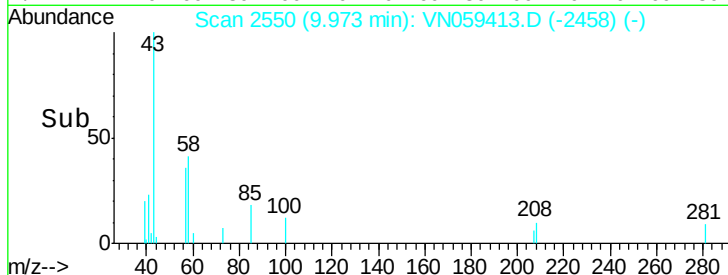
4000

2000

0

9.95 9.97 10.00

Time-->



#54

cis-1,3-Dichloropropene

Concen: 5.096 ug/l

RT: 9.90 min Scan# 2526

Delta R.T. 0.06 min

Lab File: VN059413.D

Acq: 26 Nov 2019 17:42

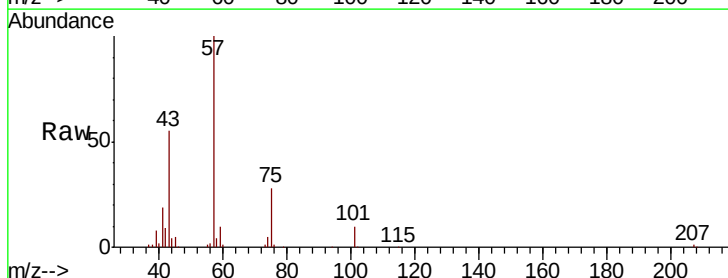
Tgt Ion: 75 Resp: 34743

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.4#

39 28.3 35.5 53.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

25000

20000

15000

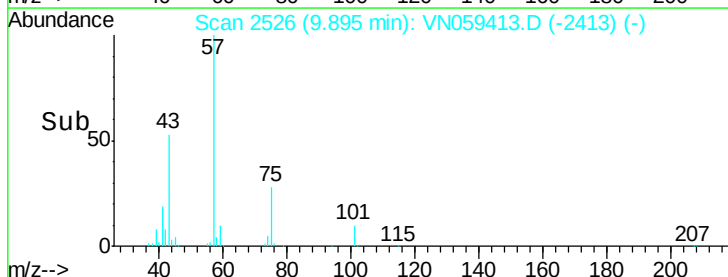
10000

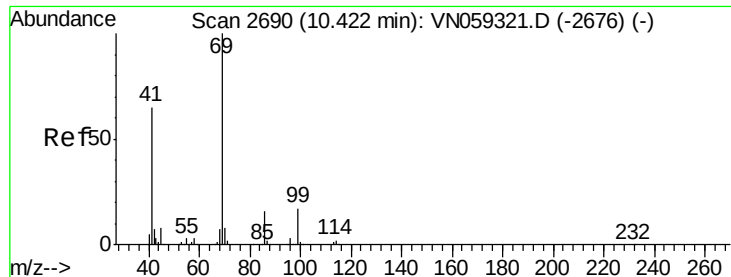
5000

0

9.85 9.90 9.95

Time-->





#56

Ethyl methacrylate

Concen: 2.351 ug/l

RT: 10.54 min Scan# 2726

Delta R.T. 0.12 min

Lab File: VN059413.D

Acq: 26 Nov 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

SOIL-CUTTINGS

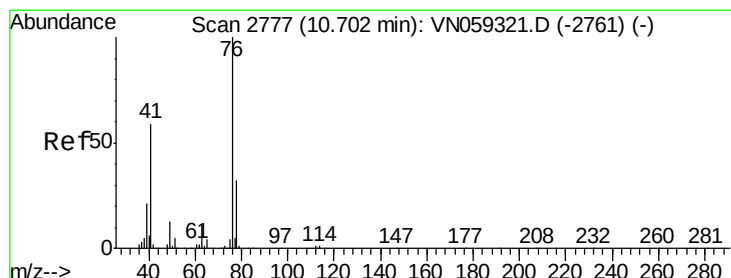
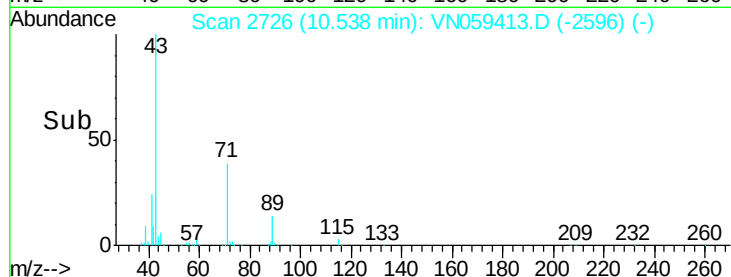
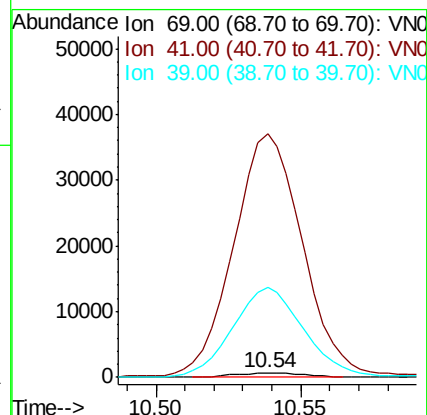
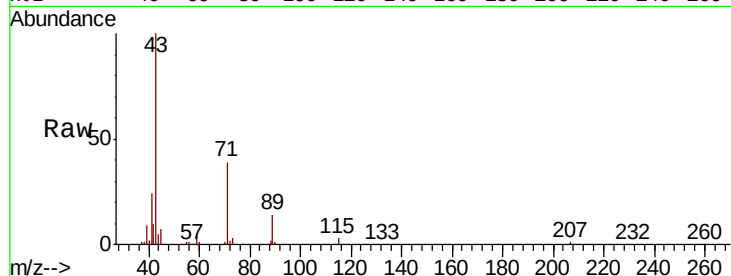
Tot Ion: 69 Resp: 1076

Ion Ratio Lower Upper

69 100

41 5758.5 51.7 77.5#

39 2166.7 25.2 37.8#



#57

1,3-Dichloropropane

Concen: 0.819 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN059413.D

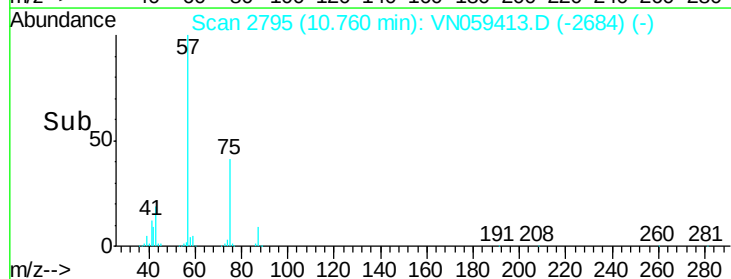
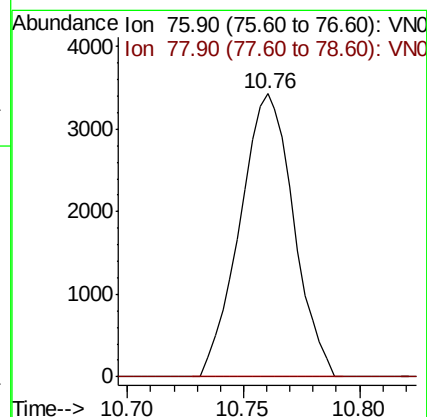
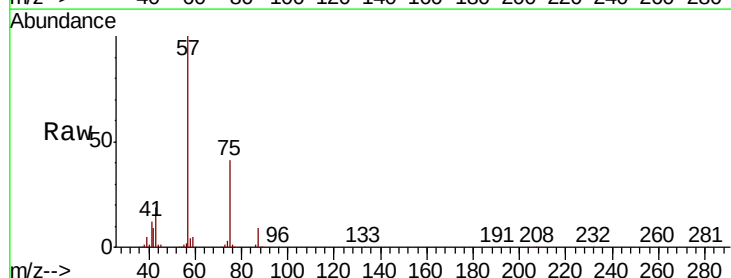
Acq: 26 Nov 2019 17:42

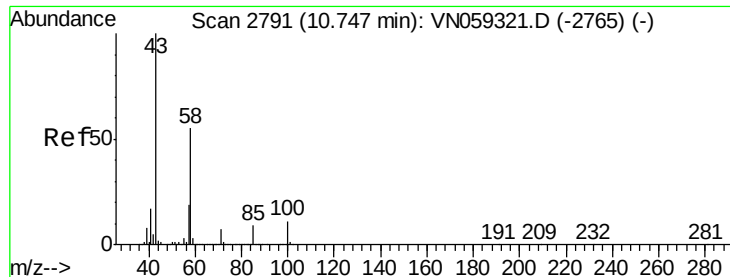
Tgt Ion: 76 Resp: 5504

Ion Ratio Lower Upper

76 100

78 0.0 26.0 39.0#

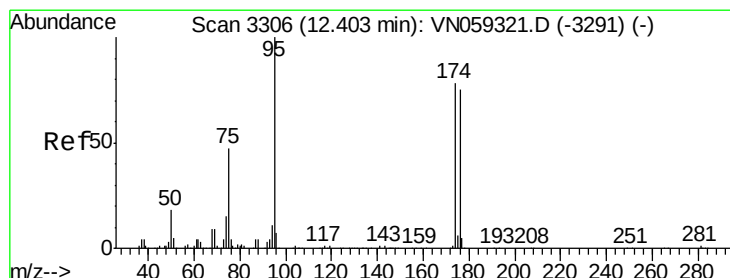
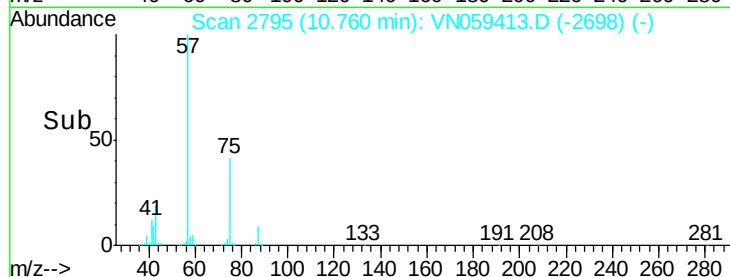
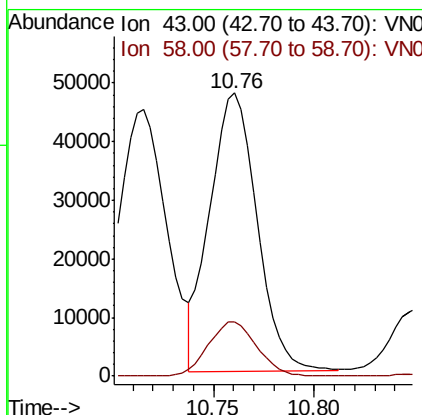
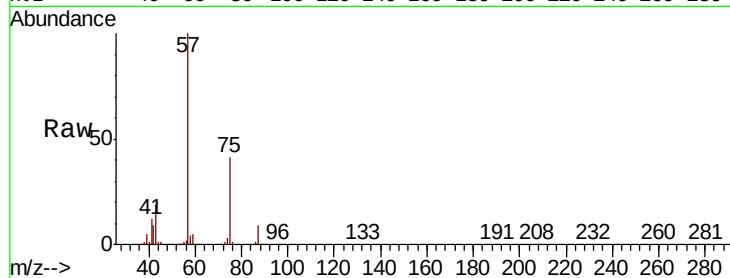




#59
2-Hexanone
Concen: 19.564 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN059413.D
Acq: 26 Nov 2019 17:42

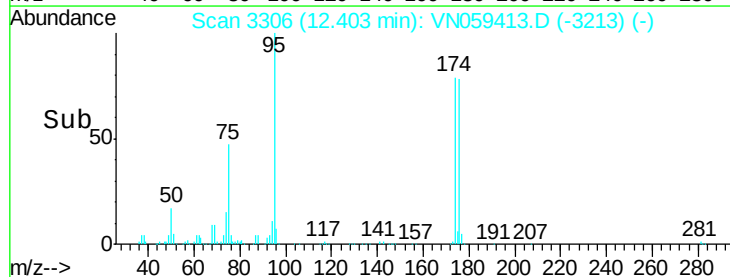
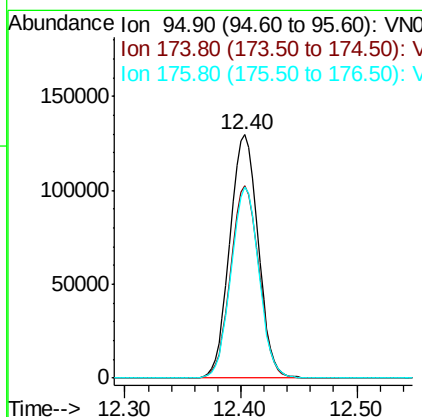
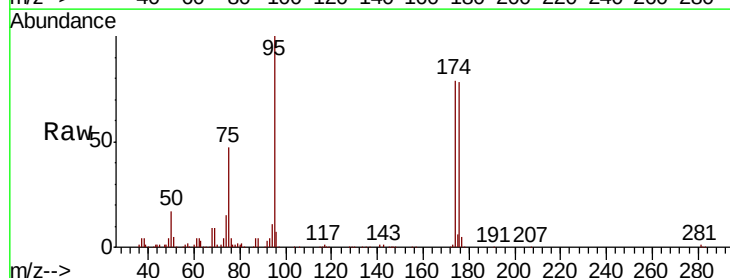
Instrument :
MSVOA_N
ClientSampleId :
SOIL-CUTTINGS

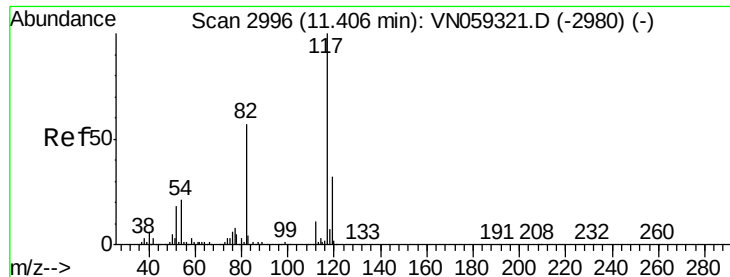
Tot Ion: 43 Resp: 77429
Ion Ratio Lower Upper
43 100
58 20.2 27.7 83.0#



#62
4-Bromofluorobenzene
Concen: 48.286 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN059413.D
Acq: 26 Nov 2019 17:42

Tgt Ion: 95 Resp: 219289
Ion Ratio Lower Upper
95 100
174 79.2 0.0 157.4
176 77.1 0.0 151.2

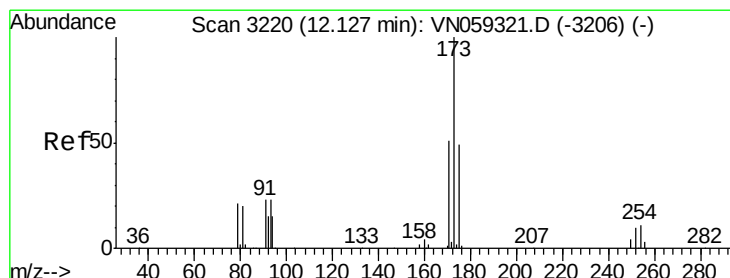
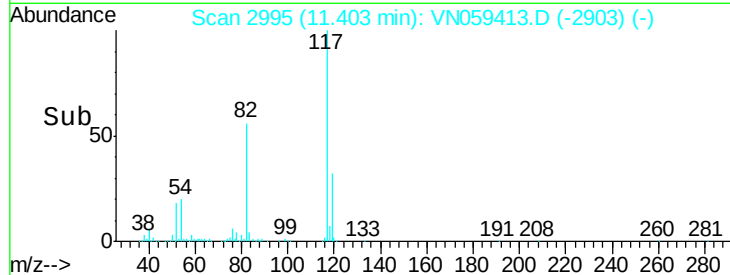
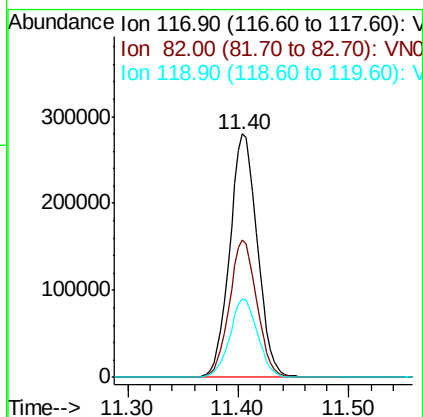
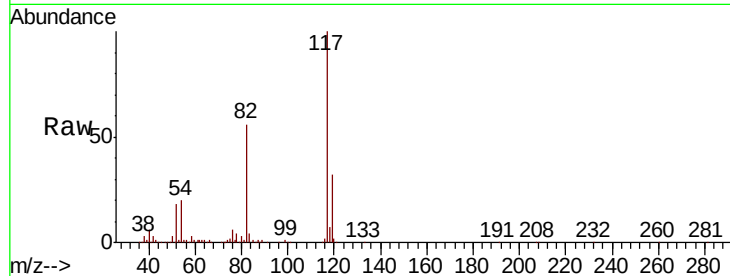




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059413.D
Acq: 26 Nov 2019 17:42

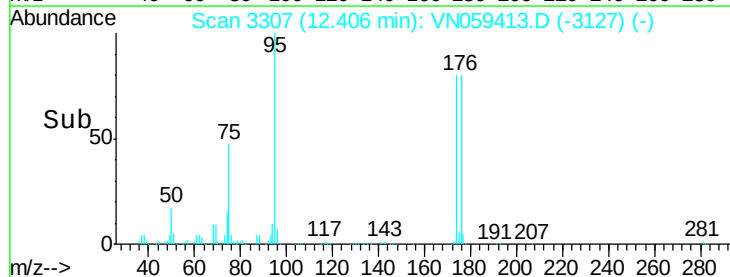
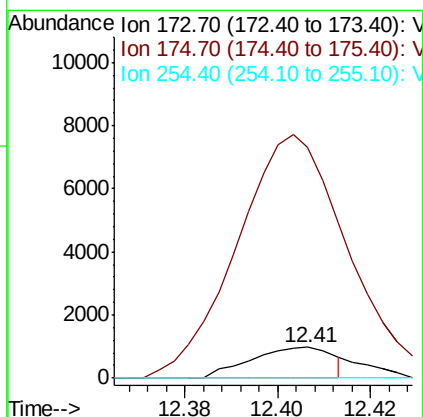
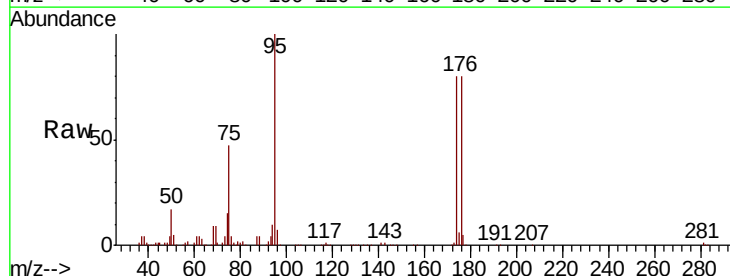
Instrument :
MSVOA_N
ClientSampleId :
SOIL-CUTTINGS

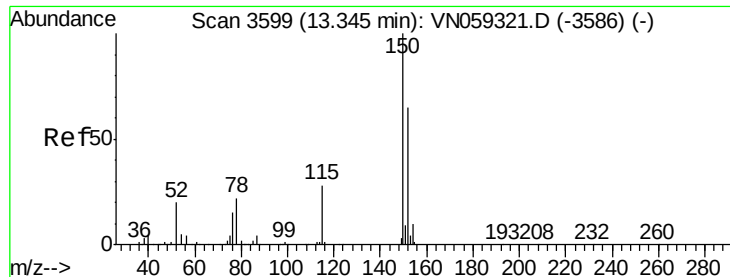
Tot Ion:117 Resp: 485299
Ion Ratio Lower Upper
117 100
82 56.4 45.7 68.5
119 32.2 25.8 38.6



#71
Bromoform
Concen: 0.423 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN059413.D
Acq: 26 Nov 2019 17:42

Tgt Ion:173 Resp: 1215
Ion Ratio Lower Upper
173 100
175 884.6 24.6 73.6#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059413.D

Acq: 26 Nov 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

SOIL-CUTTINGS

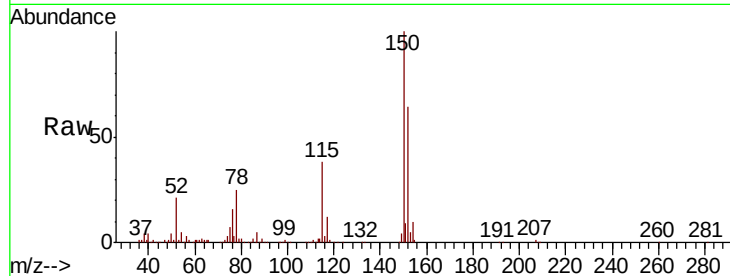
Tot Ion:152 Resp: 188833

Ion Ratio Lower Upper

152 100

115 59.0 29.3 88.0

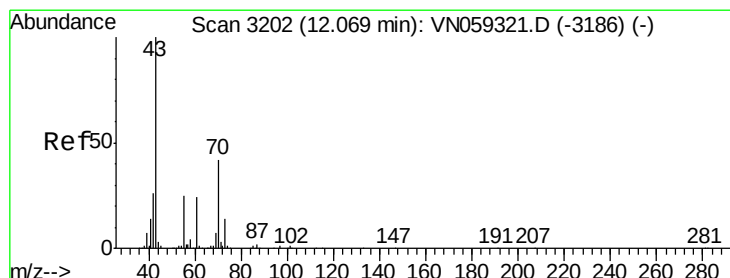
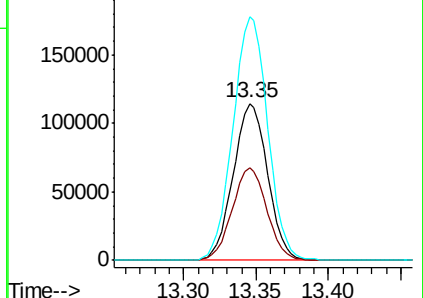
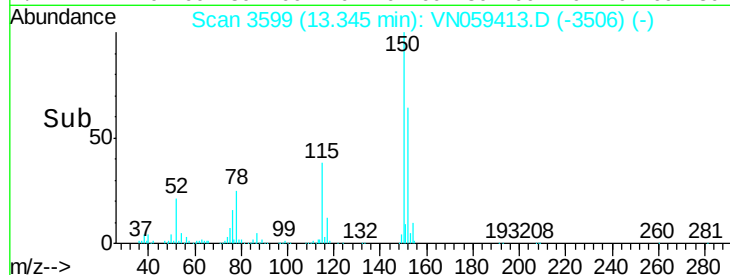
150 157.0 0.0 346.0



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



#74

N-ethyl acetate

Concen: 0.426 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN059413.D

Acq: 26 Nov 2019 17:42

Tgt Ion: 43 Resp: 2647

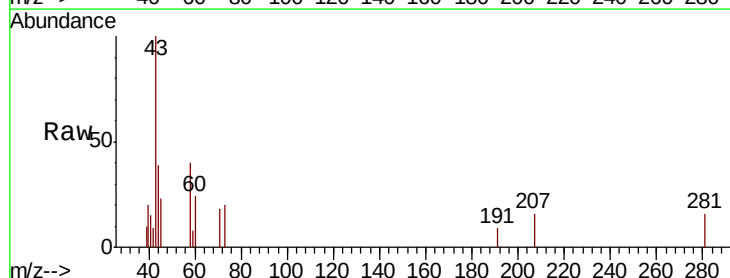
Ion Ratio Lower Upper

43 100

70 0.0 33.8 50.6#

55 0.0 20.3 30.5#

61 0.0 19.9 29.9#

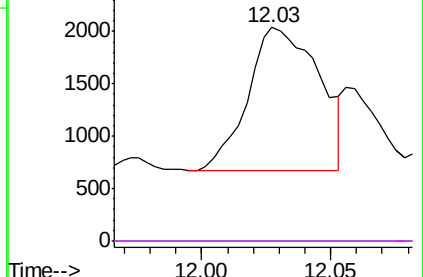
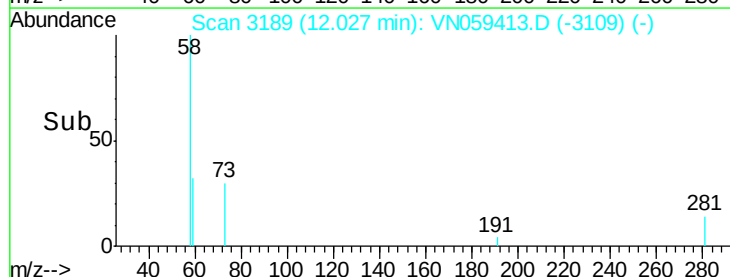


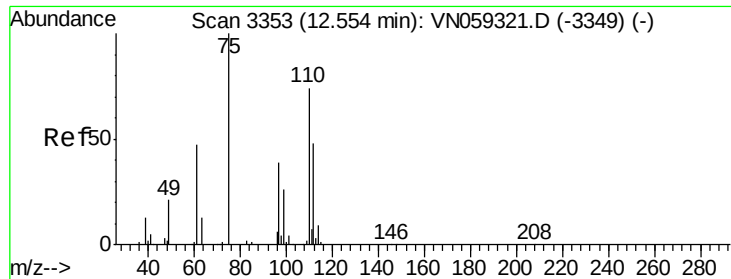
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 23.916 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN059413.D

Acq: 26 Nov 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

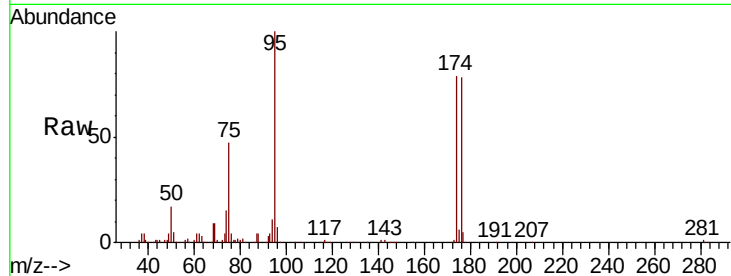
SOIL-CUTTINGS

Tot Ion: 75 Resp: 104334

Ion Ratio Lower Upper

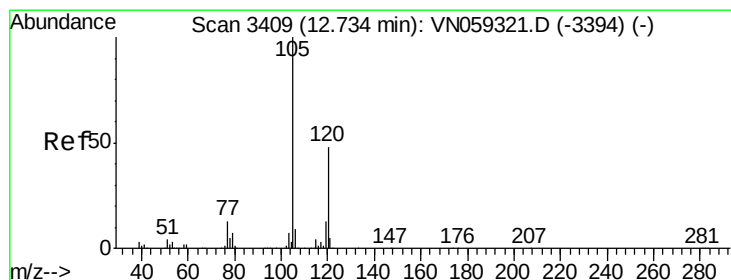
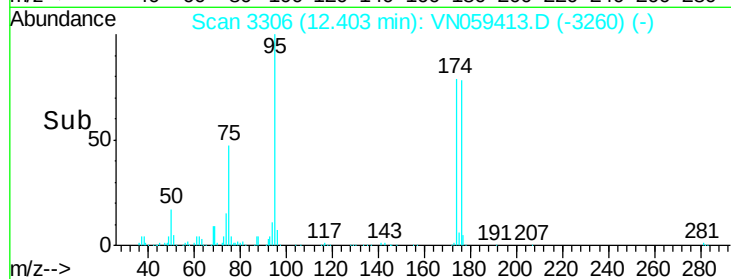
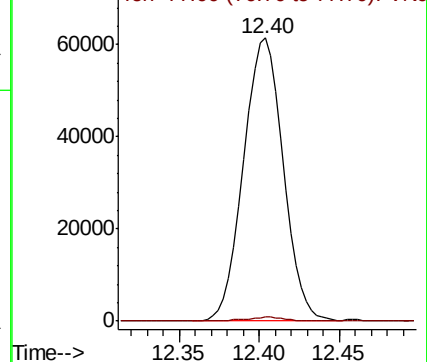
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#80

1,3,5-Trimethylbenzene

Concen: 0.388 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059413.D

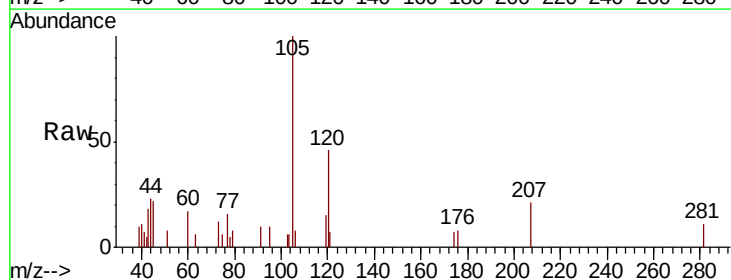
Acq: 26 Nov 2019 17:42

Tgt Ion: 105 Resp: 5049

Ion Ratio Lower Upper

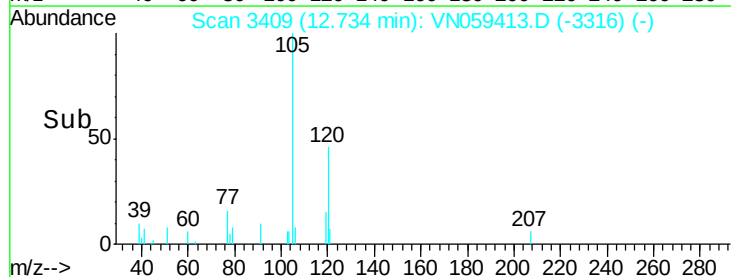
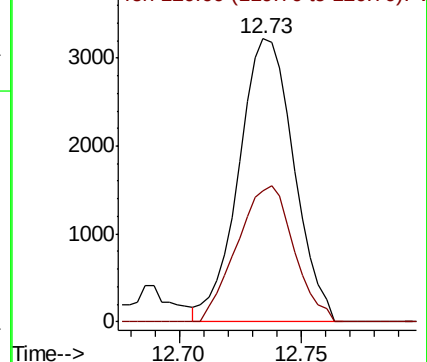
105 100

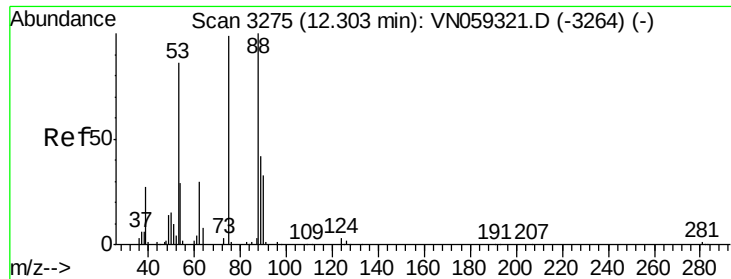
120 49.4 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 59.818 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN059413.D

Acq: 26 Nov 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

SOIL-CUTTINGS

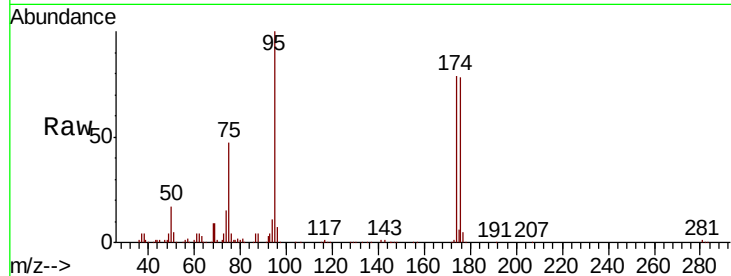
Tot Ion: 75 Resp: 104334

Ion Ratio Lower Upper

75 100

53 0.0 70.7 106.1#

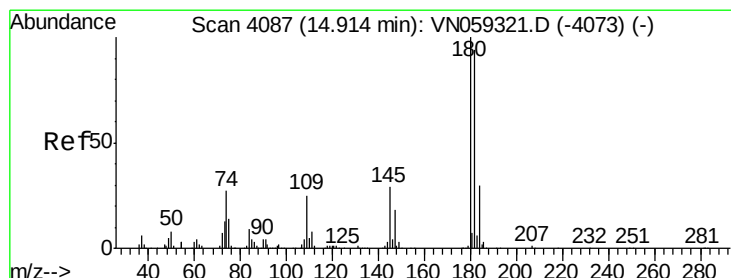
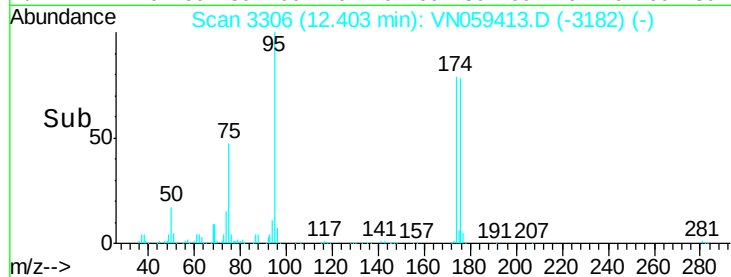
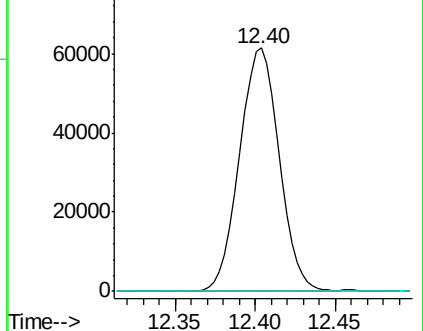
89 0.0 35.4 53.0#



Abundance Ion 74.90 (74.60 to 75.60): VN059413.D (-3306) (-)

Ion 53.00 (52.70 to 53.70): VN059413.D (-3306) (-)

Ion 88.90 (88.60 to 89.60): VN059413.D (-3306) (-)



#93

1,2,4-Trichlorobenzene

Concen: 2.953 ug/l

RT: 14.92 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN059413.D

Acq: 26 Nov 2019 17:42

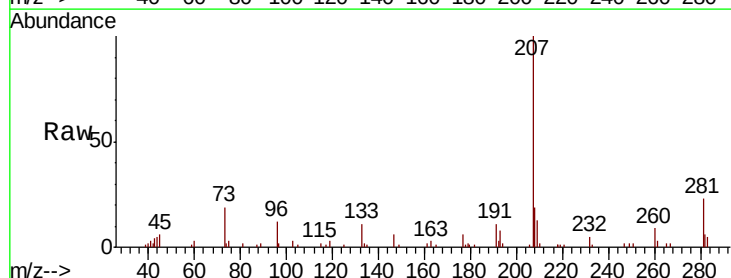
Tgt Ion:180 Resp: 63

Ion Ratio Lower Upper

180 100

182 100.0 47.2 141.6

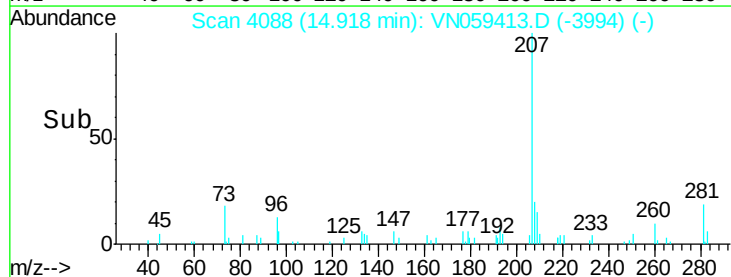
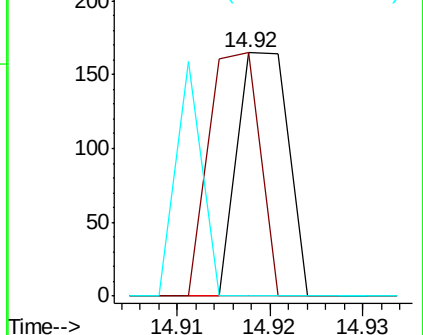
145 49.2 14.9 44.5#

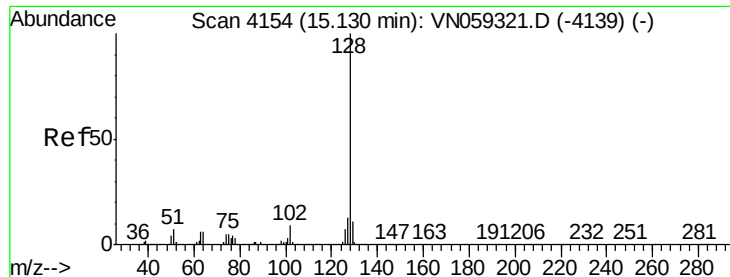


Abundance Ion 179.80 (179.50 to 180.50): VN059413.D (-4088) (-)

Ion 181.80 (181.50 to 182.50): VN059413.D (-4088) (-)

Ion 144.80 (144.50 to 145.50): VN059413.D (-4088) (-)

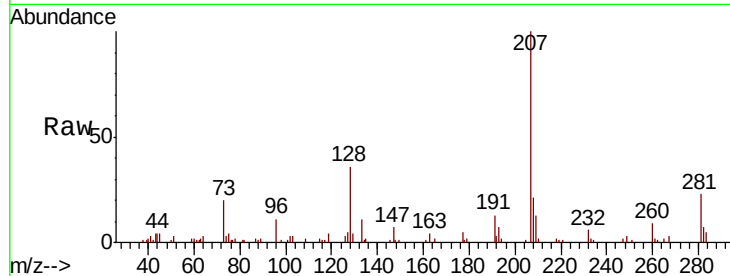




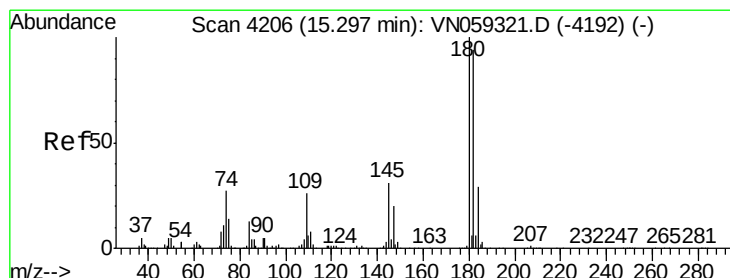
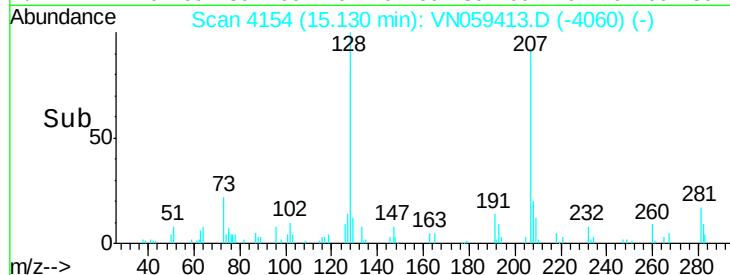
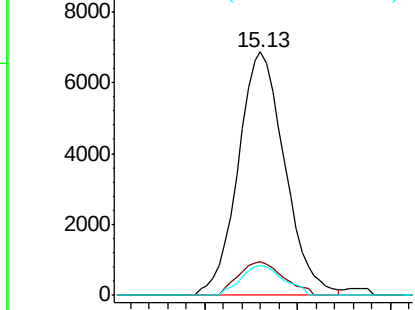
#95
Naphthalene
Concen: 4.174 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059413.D
Acq: 26 Nov 2019 17:42

Instrument :
MSVOA_N
ClientSampleId :
SOIL-CUTTINGS

Tot Ion:128 Resp: 11954
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 11.1 8.6 13.0

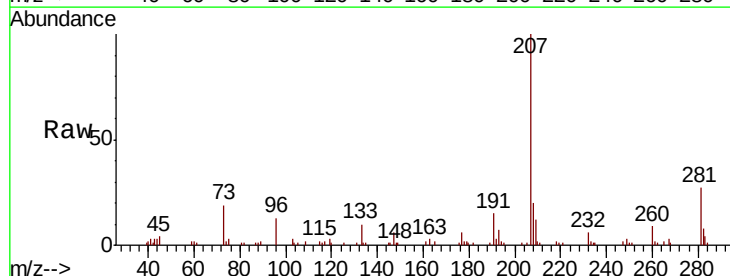


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 1.962 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN059413.D
Acq: 26 Nov 2019 17:42

Tgt Ion:180 Resp: 250
Ion Ratio Lower Upper
180 100
182 27.2 47.1 141.4#
145 200.0 15.6 46.8#



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

