

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080919\
 Data File : VN057142.D
 Acq On : 9 Aug 2019 13:24
 Operator : JC/SP
 Sample : K4281-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Aug 10 02:11:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

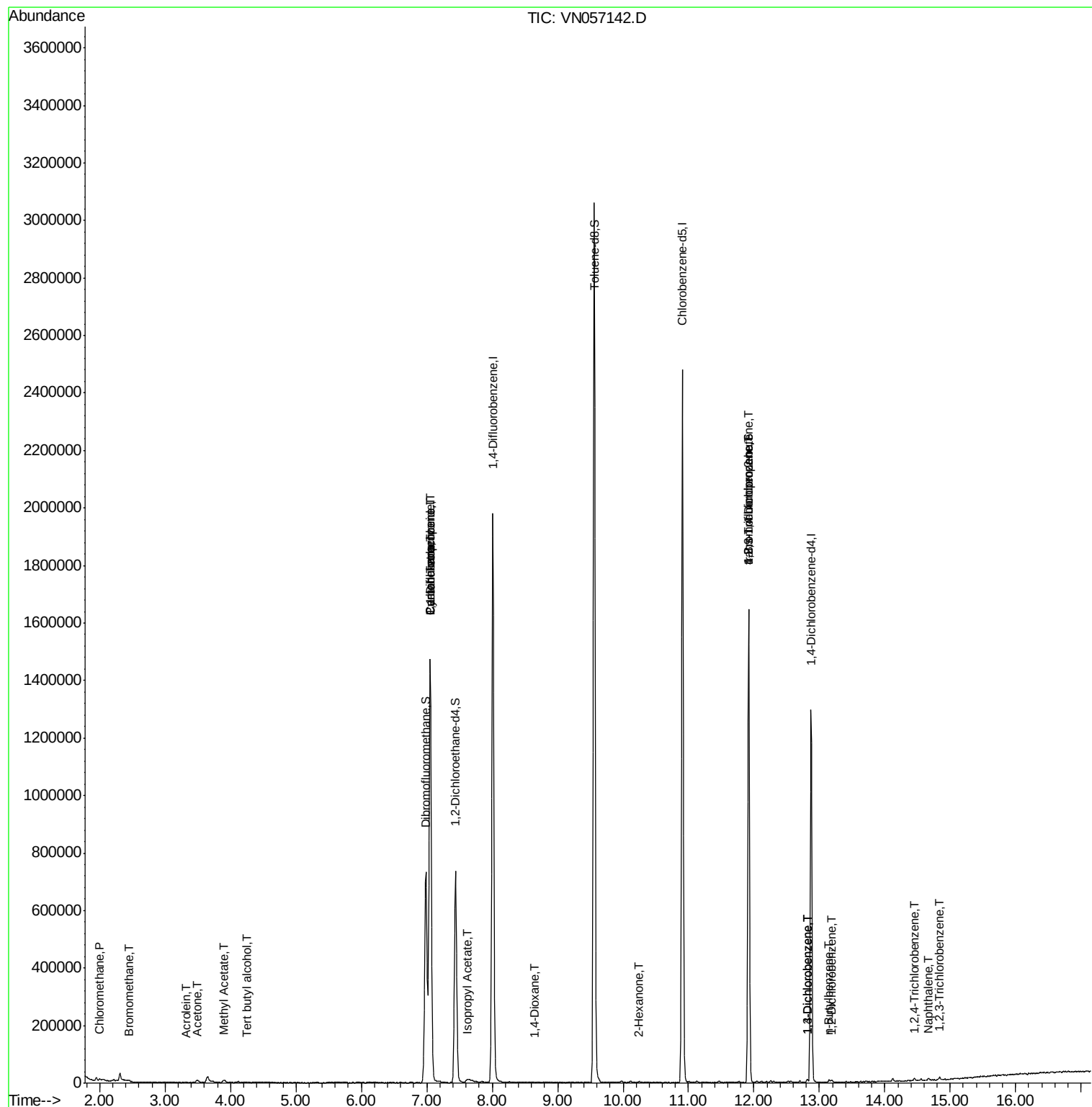
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1418151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1973338	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1621502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	385350	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	650338	44.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.18%	
35) Dibromofluoromethane	6.99	113	596902	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
50) Toluene-d8	9.56	98	2288253	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
62) 4-Bromofluorobenzene	11.92	95	577382	37.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.64%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.00	50	3121	0.206	ug/l	90
5) Bromomethane	2.44	94	2495	0.261	ug/l #	68
11) Tert butyl alcohol	4.24	59	1841	0.887	ug/l #	83
13) Acrolein	3.32	56	388	0.296	ug/l #	46
16) Acetone	3.49	43	11380	2.584	ug/l	96
18) Methyl Acetate	3.90	43	16334	0.595	ug/l	93
31) Cyclohexane	7.05	56	19745	0.933	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	85735	5.277	ug/l #	47
38) Carbon Tetrachloride	7.05	117	122685	7.245	ug/l #	16
43) Isopropyl Acetate	7.63	43	11901	0.521	ug/l #	51
49) 1,4-Dioxane	8.65	88	61	0.278	ug/l #	1
59) 2-Hexanone	10.25	43	3298	0.366	ug/l	61
73) Isopropylbenzene	11.76	105	1507	Below Cal		93
75) 1,1,2,2-Tetrachloroethane	12.03	83	517	Below Cal #		93
76) 1,2,3-Trichloropropane	11.92	75	268565	34.807	ug/l #	100
79) 2-Chlorotoluene	12.19	91	3015	Below Cal		96
81) trans-1,4-Dichloro-2-buten	11.92	75	268565	102.474	ug/l #	14
83) tert-Butylbenzene	12.52	119	3211	Below Cal #		34
87) 1,3-Dichlorobenzene	12.81	146	2741	0.208	ug/l	94
88) 1,4-Dichlorobenzene	12.81	146	2741	0.219	ug/l	92
89) n-Butylbenzene	13.15	91	5544	0.272	ug/l	97
90) Hexachloroethane	13.41	117	218	Below Cal #		1
91) 1,2-Dichlorobenzene	13.18	146	3578	0.272	ug/l	91
93) 1,2,4-Trichlorobenzene	14.45	180	3292	6.450	ug/l	93
94) Hexachlorobutadiene	14.55	225	1187	Below Cal		73
95) Naphthalene	14.67	128	6905	3.497	ug/l #	89
96) 1,2,3-Trichlorobenzene	14.84	180	3508	6.259	ug/l	96

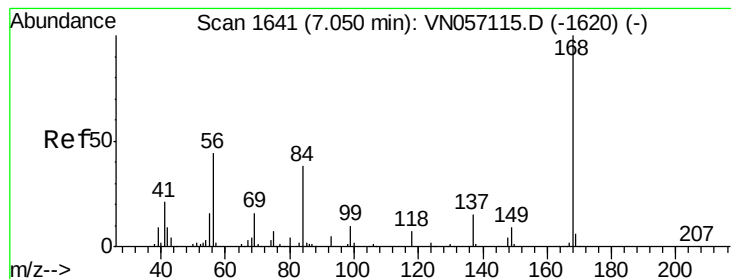
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VN057142.D

Acq: 9 Aug 2019 13:24

Instrument :

MSVOA_N

ClientSampleId :

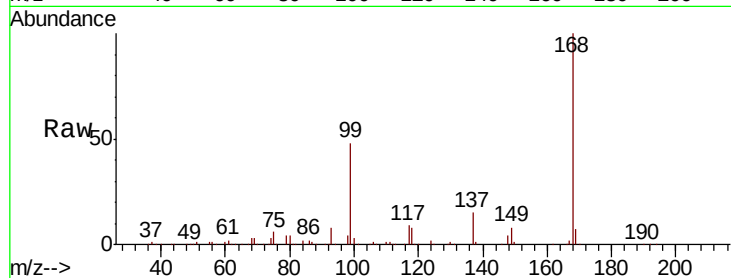
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:168 Resp: 1418151

Ion Ratio Lower Upper

168 100

99 47.5 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): VN057115.D (-1620) (-)

Ion 98.90 (98.60 to 99.60): VN057115.D (-1620) (-)

7.05

600000

500000

400000

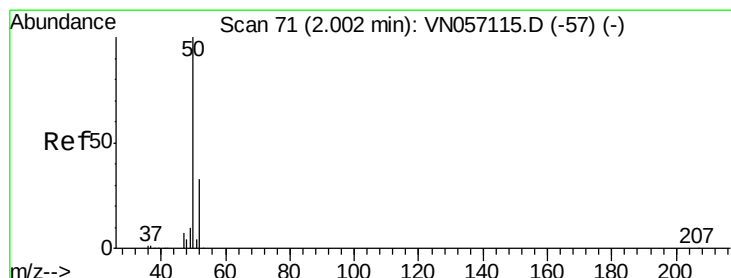
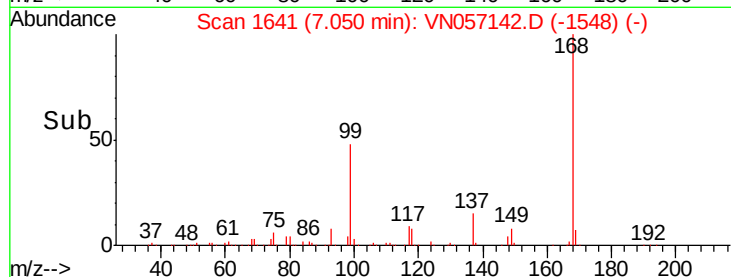
300000

200000

100000

0

Time--> 6.90 7.00 7.10 7.20



#3

Chloromethane

Concen: 0.206 ug/l

RT: 2.00 min Scan# 71

Delta R.T. -0.00 min

Lab File: VN057142.D

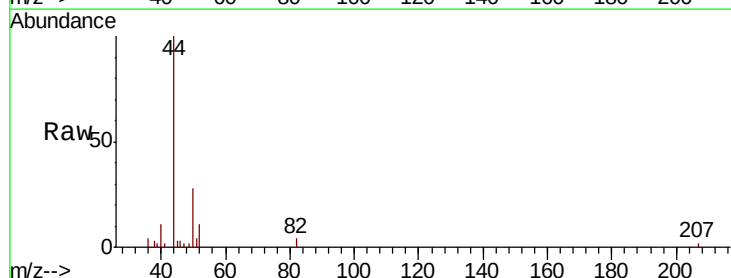
Acq: 9 Aug 2019 13:24

Tgt Ion: 50 Resp: 3121

Ion Ratio Lower Upper

50 100

52 38.2 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VN057115.D (-57) (-)

Ion 51.90 (51.60 to 52.60): VN057115.D (-57) (-)

2.00

2500

2000

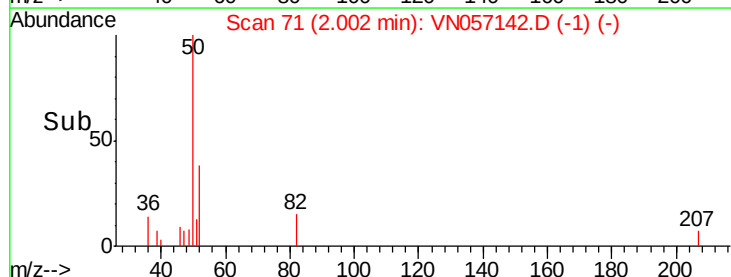
1500

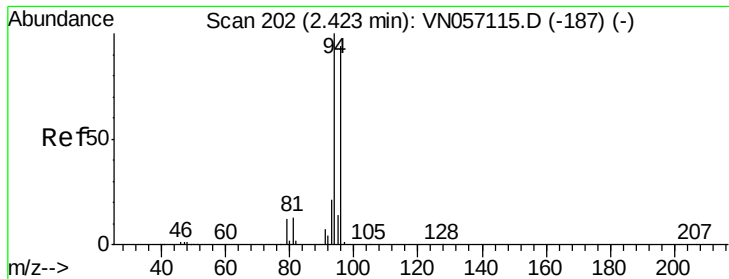
1000

500

0

Time--> 1.95 2.00 2.05





#5

Bromomethane

Concen: 0.261 ug/l

RT: 2.44 min Scan# 208

Delta R.T. 0.02 min

Lab File: VN057142.D

Acq: 9 Aug 2019 13:24

Instrument :

MSVOA_N

ClientSampleId :

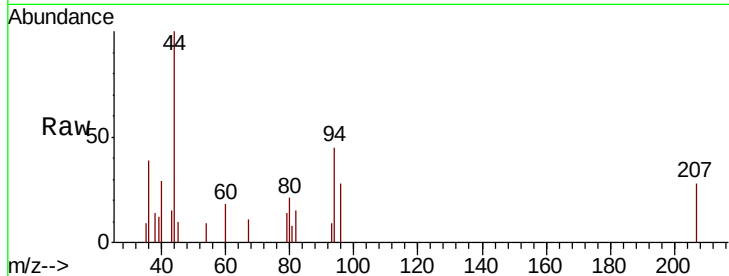
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 94 Resp: 2495

Ion Ratio Lower Upper

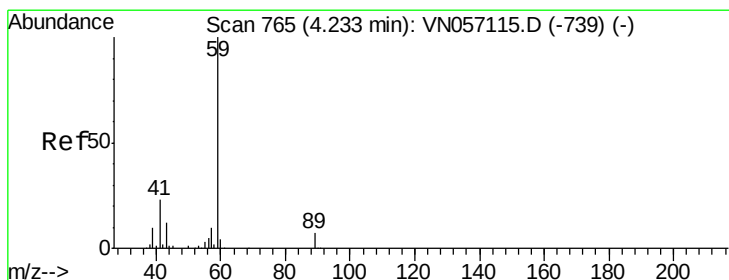
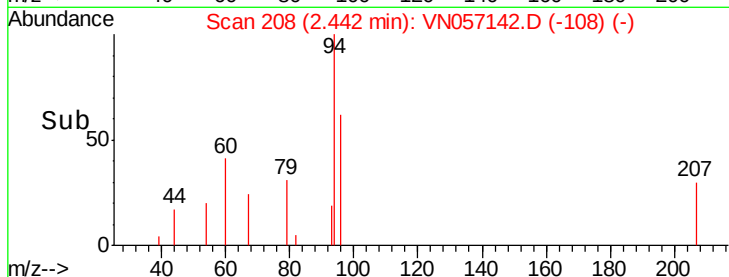
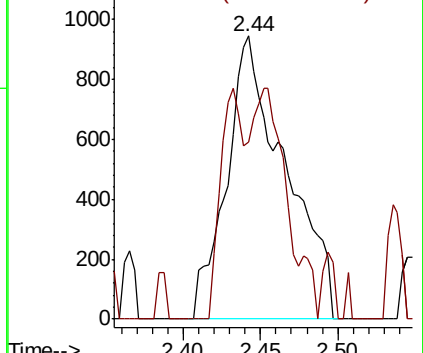
94 100

96 62.4 75.0 112.4#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#11

Tert butyl alcohol

Concen: 0.887 ug/l

RT: 4.24 min Scan# 767

Delta R.T. 0.01 min

Lab File: VN057142.D

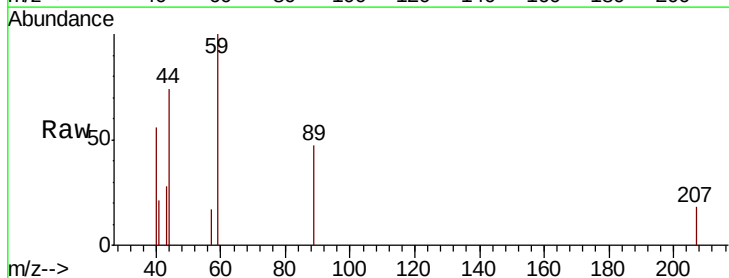
Acq: 9 Aug 2019 13:24

Tgt Ion: 59 Resp: 1841

Ion Ratio Lower Upper

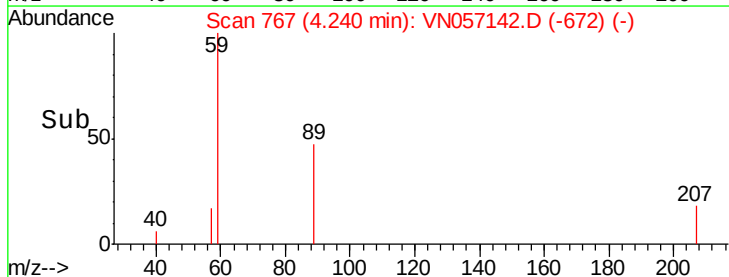
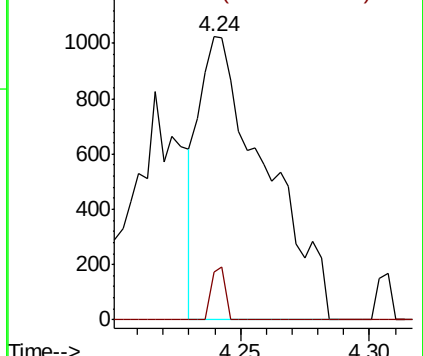
59 100

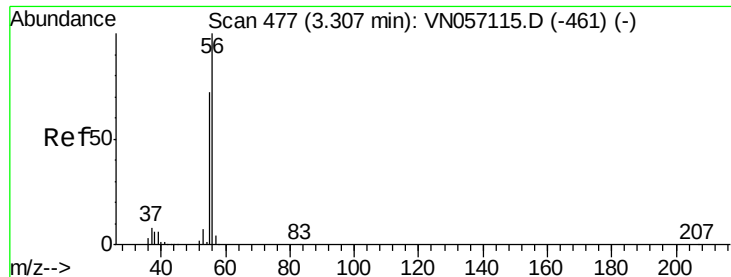
57 3.8 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#13

Acrolein

Concen: 0.296 ug/l

RT: 3.32 min Scan# 482

Delta R.T. 0.02 min

Lab File: VN057142.D

Acq: 9 Aug 2019 13:24

Instrument :

MSVOA_N

ClientSampleId :

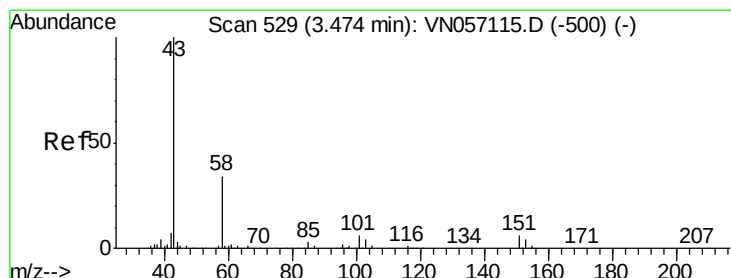
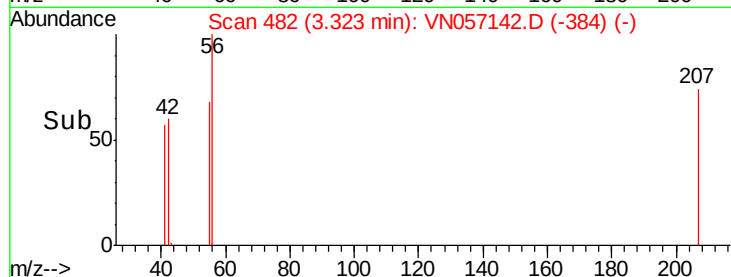
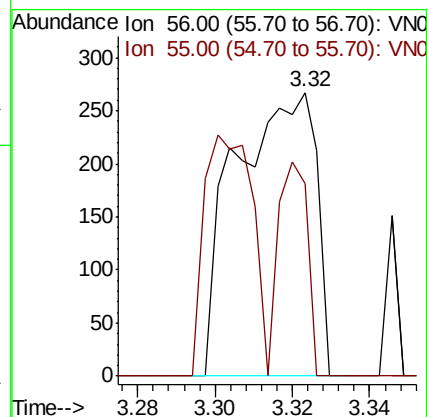
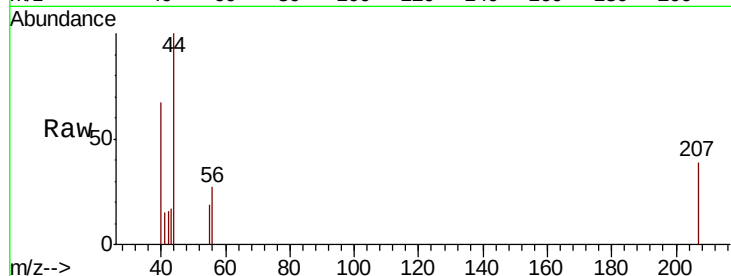
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 56 Resp: 388

Ion Ratio Lower Upper

56 100

55 27.1 57.7 86.5#



#16

Acetone

Concen: 2.584 ug/l

RT: 3.49 min Scan# 533

Delta R.T. 0.01 min

Lab File: VN057142.D

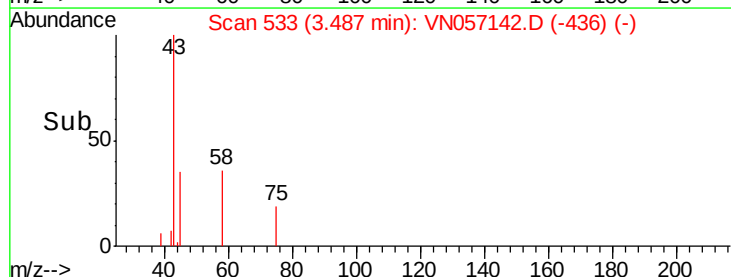
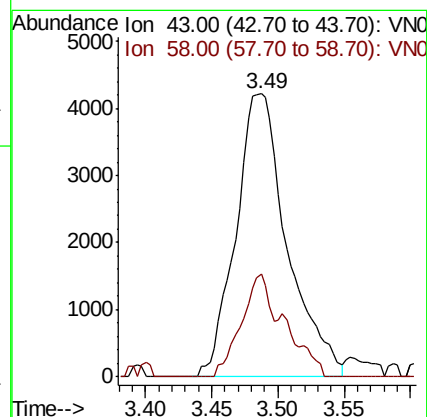
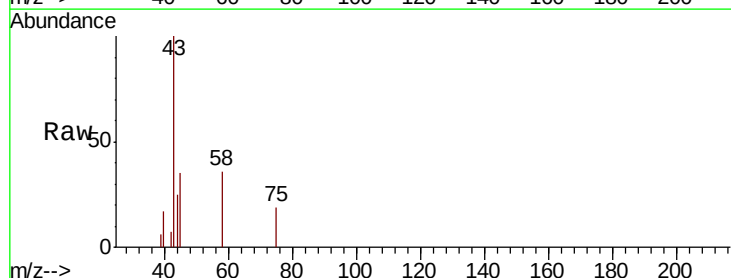
Acq: 9 Aug 2019 13:24

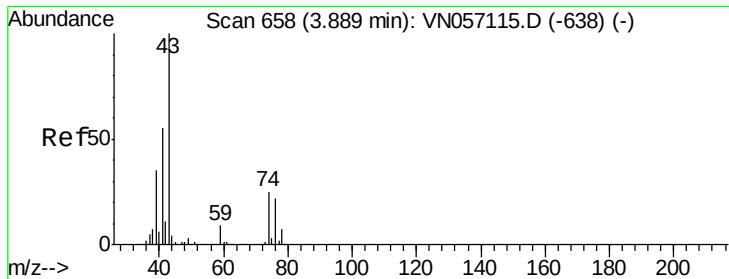
Tgt Ion: 43 Resp: 11380

Ion Ratio Lower Upper

43 100

58 36.5 27.4 41.2

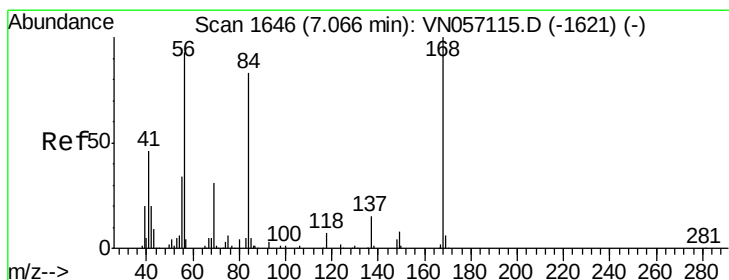
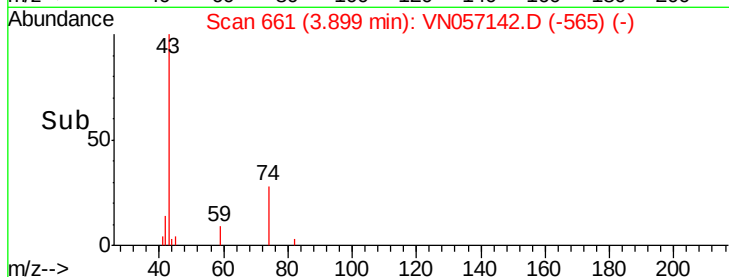
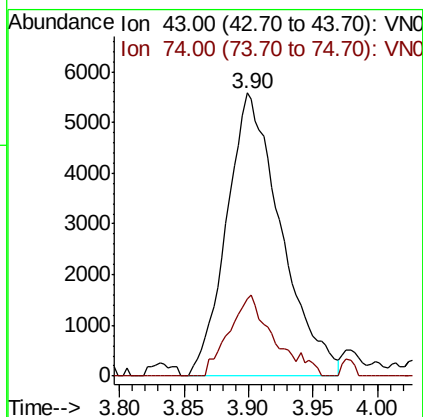
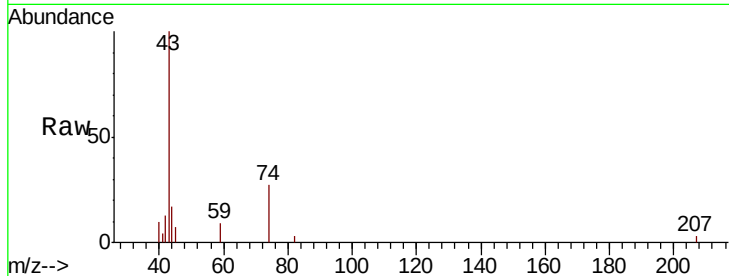




#18
Methyl Acetate
Concen: 0.595 ug/l
RT: 3.90 min Scan# 661
Delta R.T. 0.01 min
Lab File: VN057142.D
Acq: 9 Aug 2019 13:24

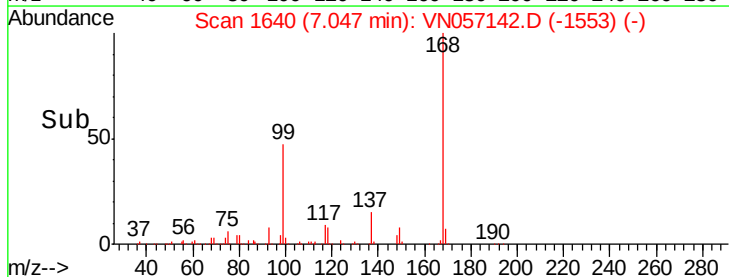
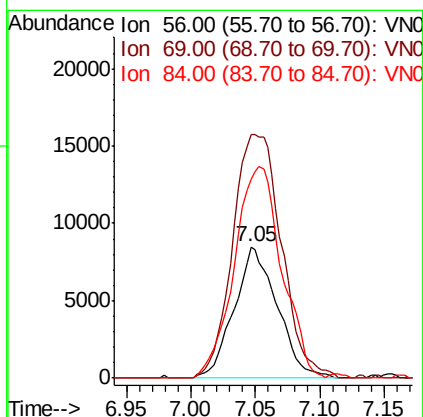
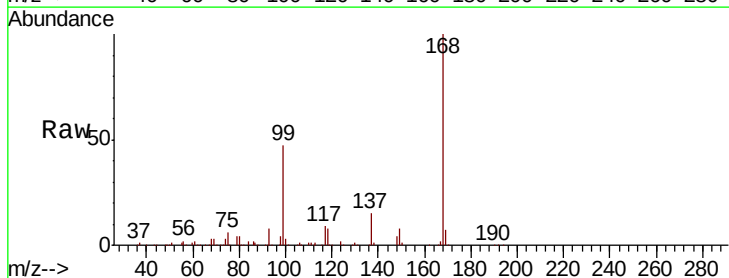
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

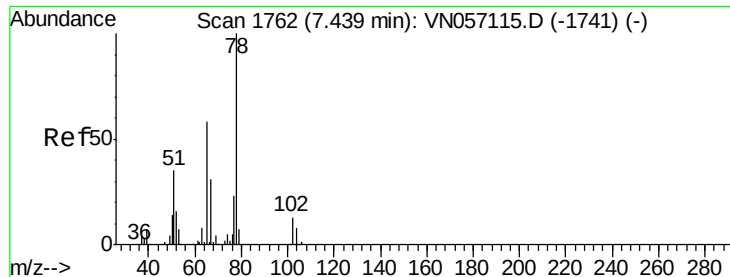
Tgt Ion: 43 Resp: 16334
Ion Ratio Lower Upper
43 100
74 21.9 20.2 30.4



#31
Cyclohexane
Concen: 0.933 ug/l
RT: 7.05 min Scan# 1640
Delta R.T. -0.02 min
Lab File: VN057142.D
Acq: 9 Aug 2019 13:24

Tgt Ion: 56 Resp: 19745
Ion Ratio Lower Upper
56 100
69 185.4 26.9 40.3#
84 151.2 71.9 107.9#

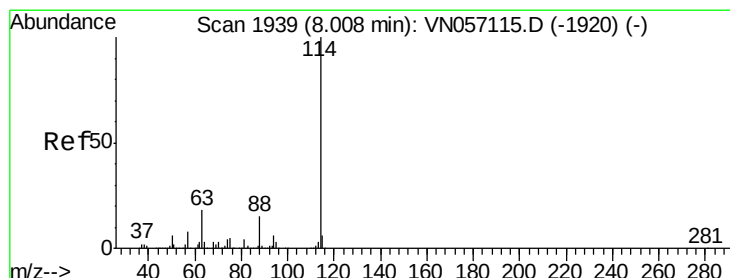
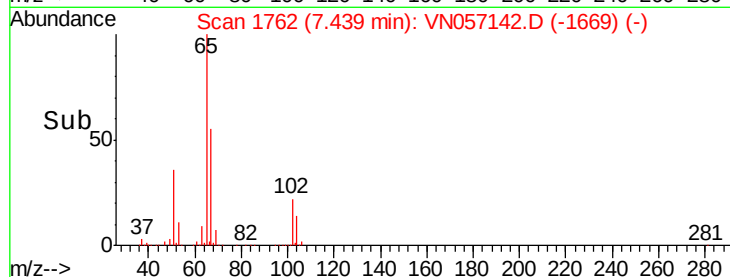
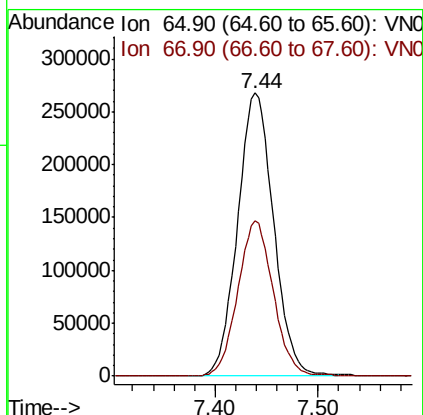
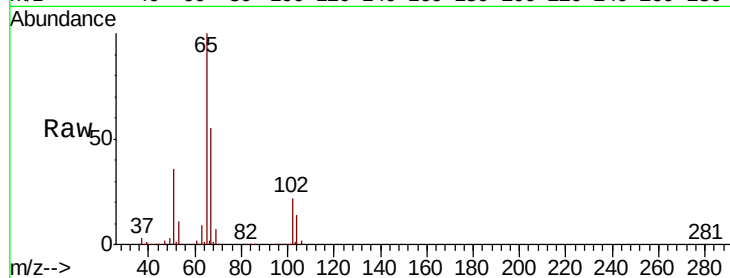




#33
 1,2-Dichloroethane-d4
 Concen: 44.591 ug/l
 RT: 7.44 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VN057142.D
 Acq: 9 Aug 2019 13:24

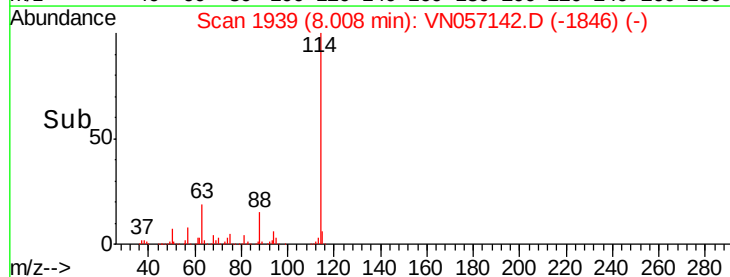
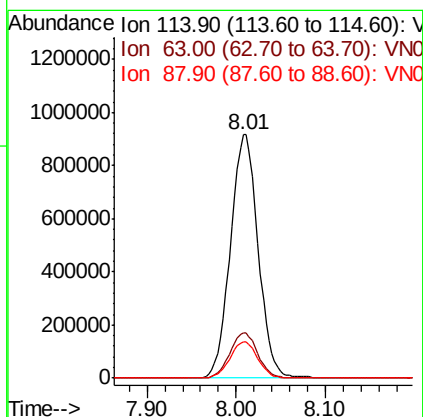
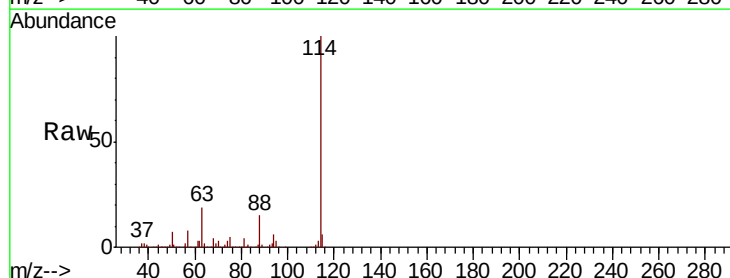
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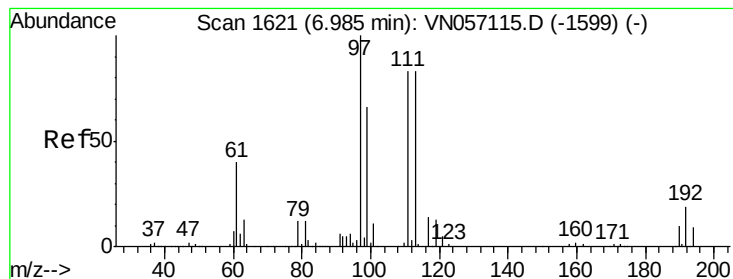
Tgt Ion: 65 Resp: 650338
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057142.D
 Acq: 9 Aug 2019 13:24

Tgt Ion: 114 Resp: 1973338
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 36.2
 88 14.8 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.203 ug/l

RT: 6.99 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VN057142.D

Acq: 9 Aug 2019 13:24

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

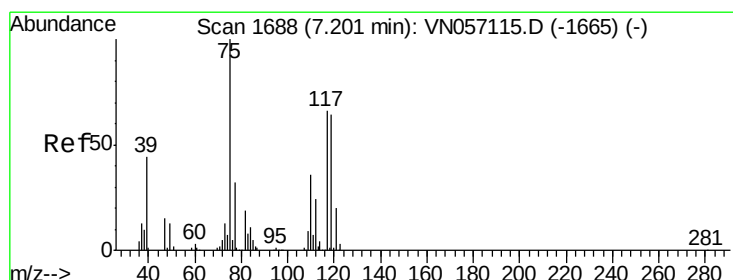
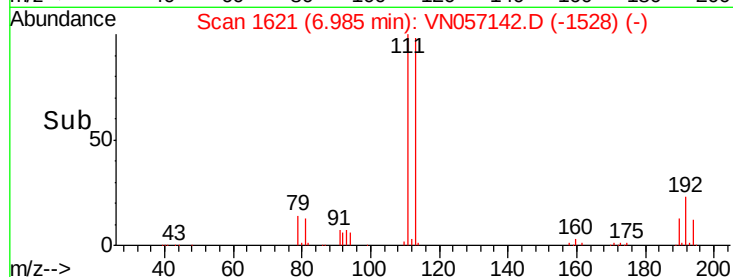
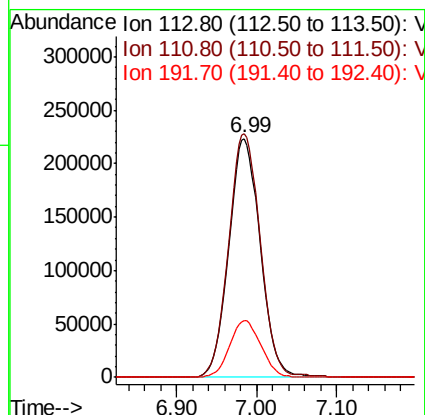
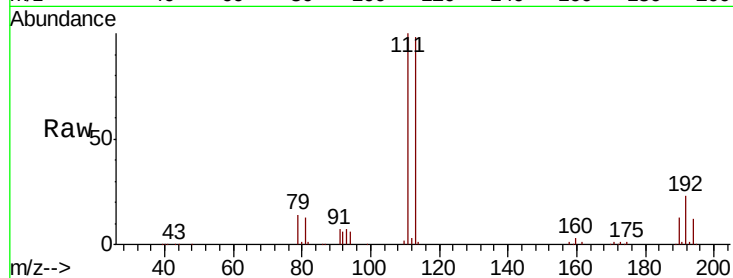
Tgt Ion:113 Resp: 596902

Ion Ratio Lower Upper

113 100

111 102.9 81.3 121.9

192 23.8 19.0 28.4



#36

1,1-Dichloropropene

Concen: 5.277 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. -0.15 min

Lab File: VN057142.D

Acq: 9 Aug 2019 13:24

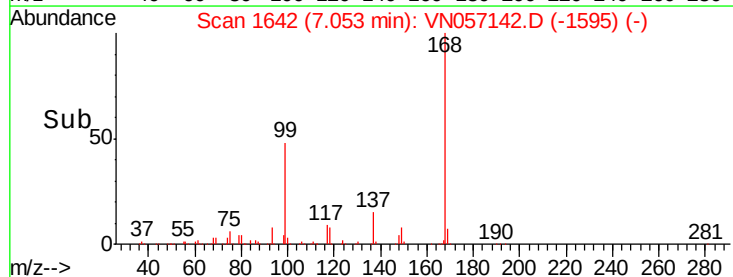
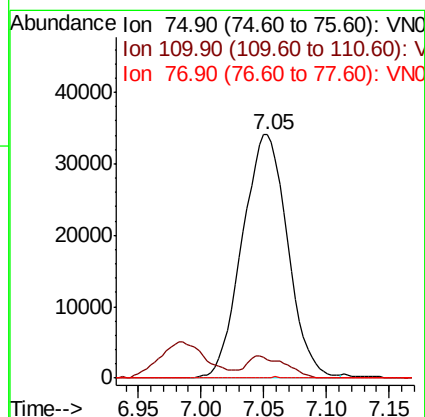
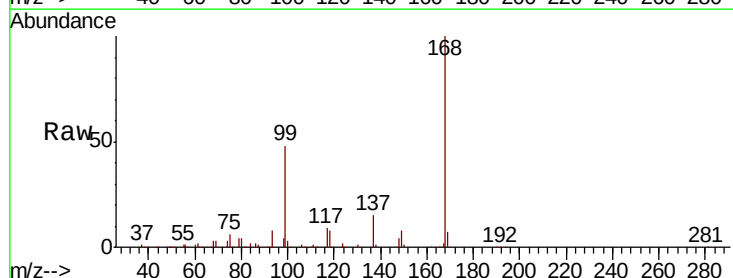
Tgt Ion: 75 Resp: 85735

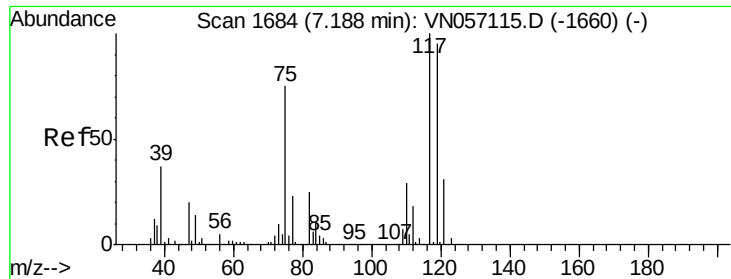
Ion Ratio Lower Upper

75 100

110 7.6 18.7 56.1#

77 0.0 25.0 37.4#

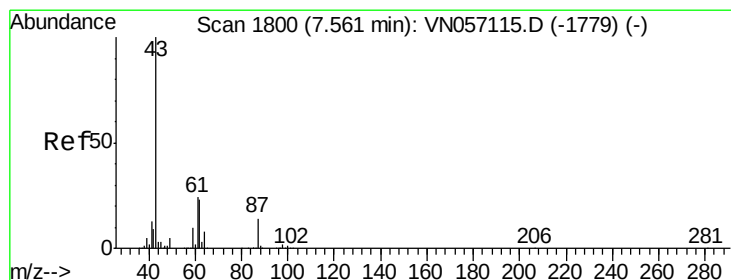
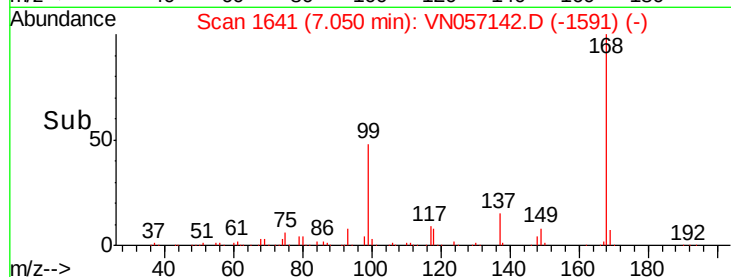
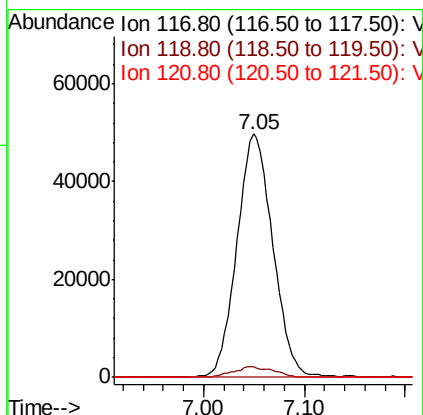
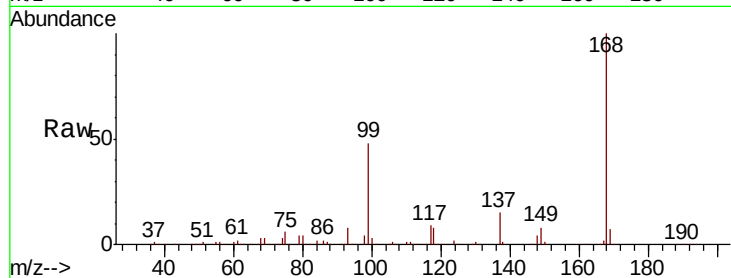




#38
Carbon Tetrachloride
Concen: 7.245 ug/l
RT: 7.05 min Scan# 1641
Delta R.T. -0.14 min
Lab File: VN057142.D
Acq: 9 Aug 2019 13:24

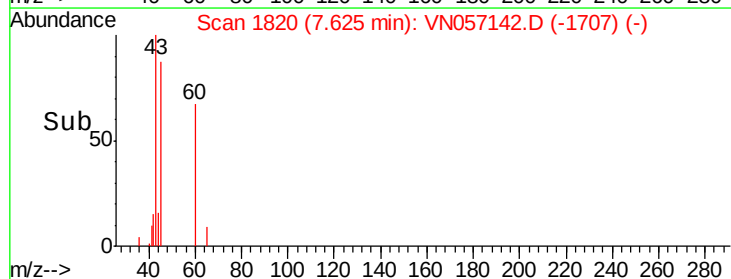
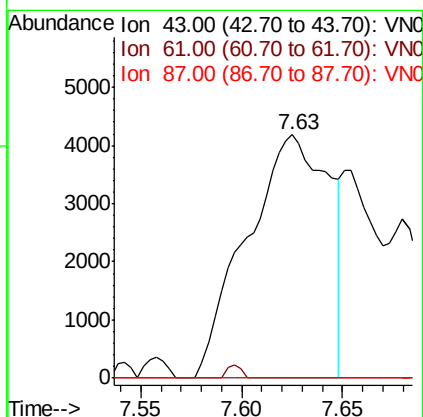
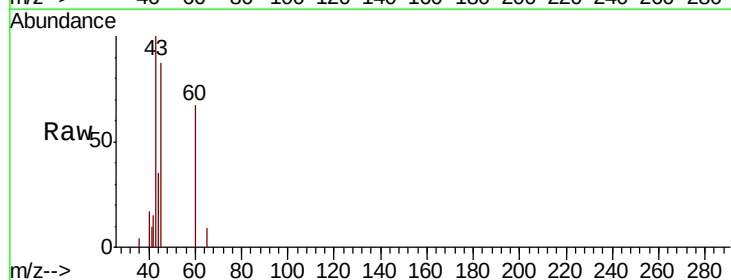
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

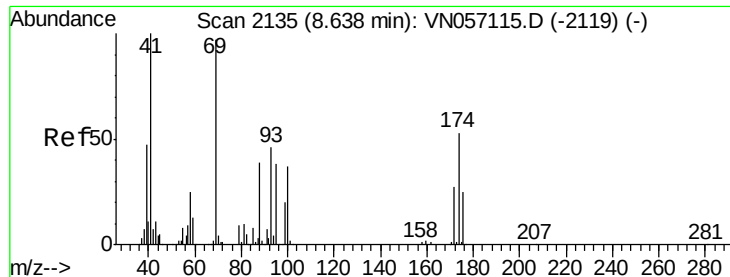
Tgt Ion:117 Resp: 122685
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.6#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 0.521 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.06 min
Lab File: VN057142.D
Acq: 9 Aug 2019 13:24

Tgt Ion: 43 Resp: 11901
Ion Ratio Lower Upper
43 100
61 0.0 24.2 36.2#
87 0.0 11.8 17.8#

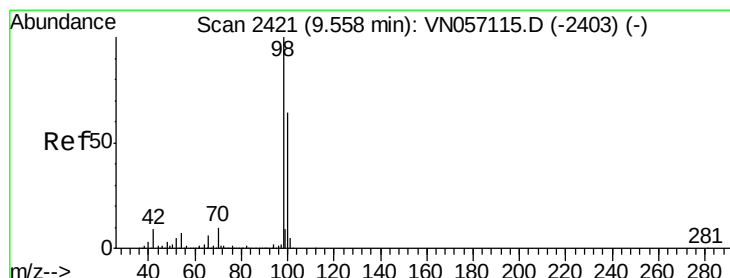
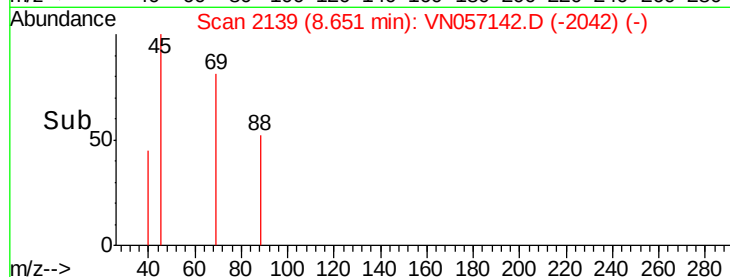
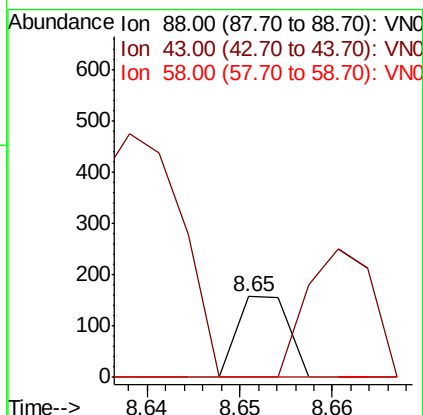
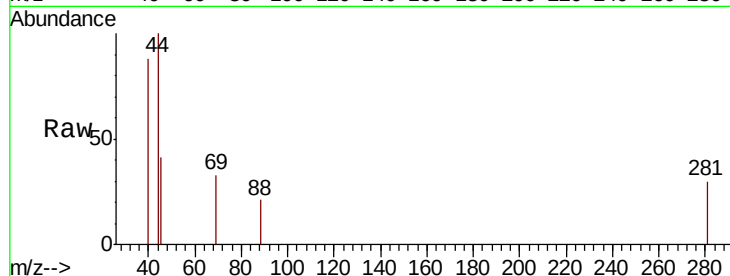




#49
1,4-Dioxane
Concen: 0.278 ug/l
RT: 8.65 min Scan# 2139
Delta R.T. 0.01 min
Lab File: VN057142.D
Acq: 9 Aug 2019 13:24

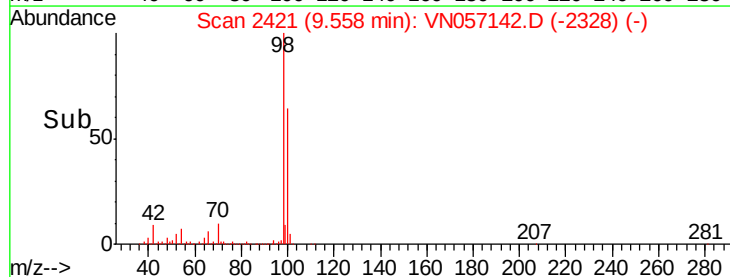
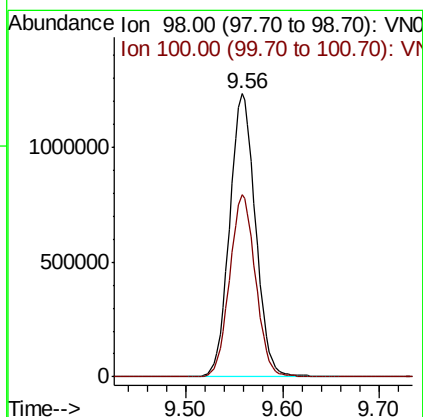
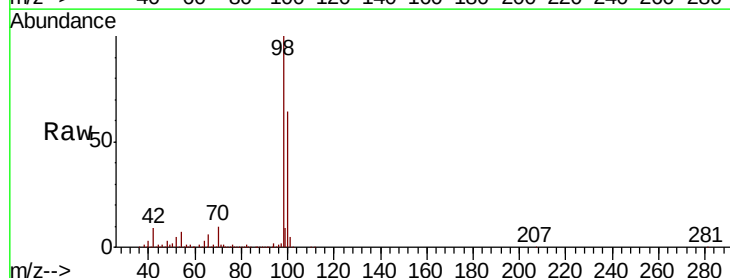
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

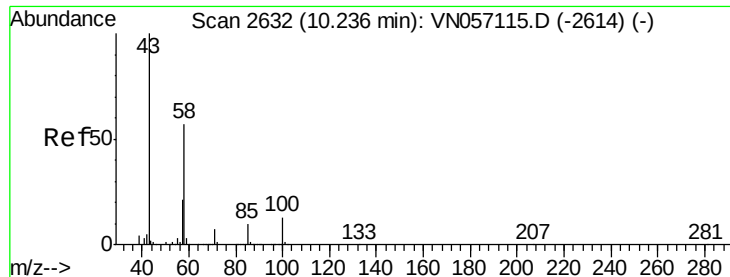
Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
43 203.3 21.7 32.5#
58 0.0 51.1 76.7#



#50
Toluene-d8
Concen: 48.301 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. -0.00 min
Lab File: VN057142.D
Acq: 9 Aug 2019 13:24

Tgt Ion: 98 Resp: 2288253
Ion Ratio Lower Upper
98 100
100 64.6 51.2 76.8

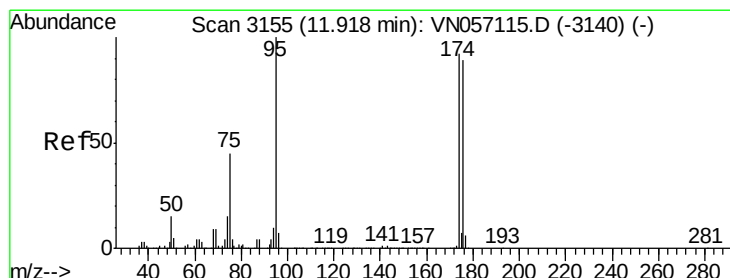
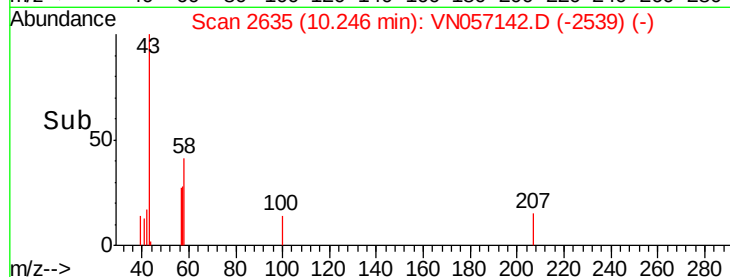
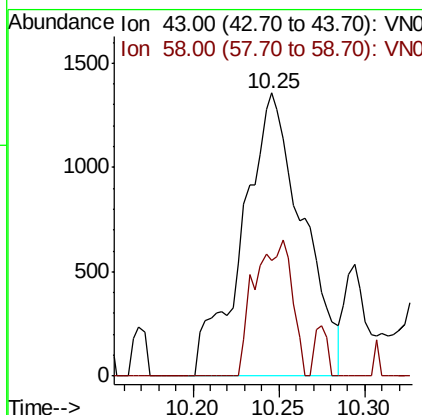
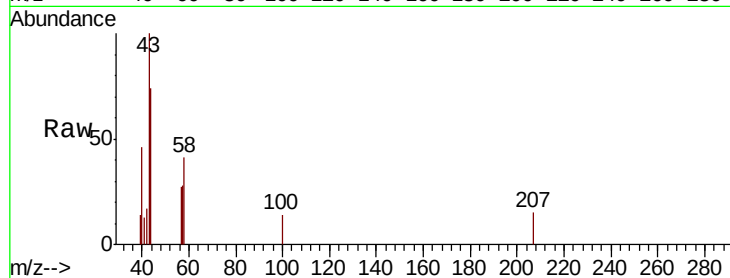




#59
2-Hexanone
Concen: 0.366 ug/l
RT: 10.25 min Scan# 2635
Delta R.T. 0.01 min
Lab File: VN057142.D
Acq: 9 Aug 2019 13:24

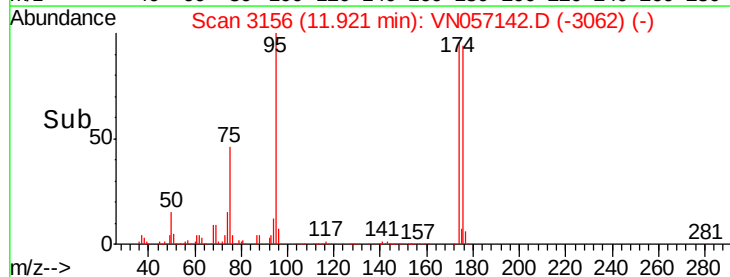
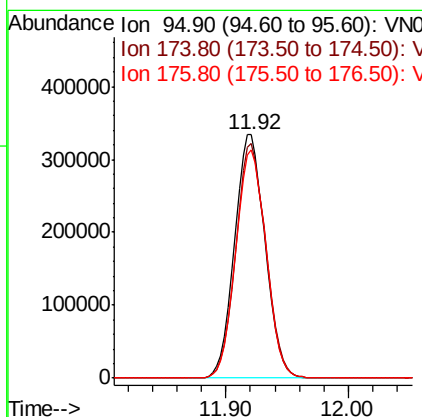
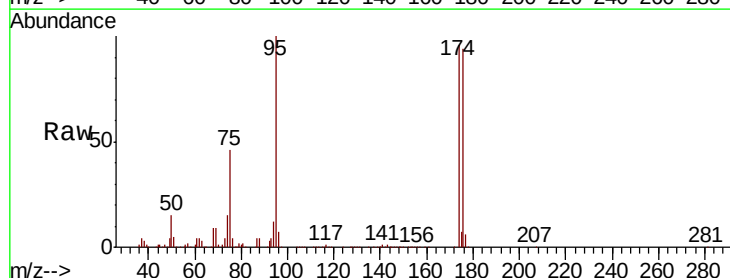
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

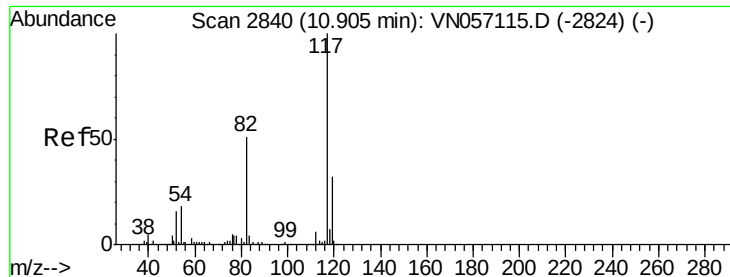
Tgt Ion: 43 Resp: 3298
Ion Ratio Lower Upper
43 100
58 29.7 29.2 87.6



#62
4-Bromofluorobenzene
Concen: 37.825 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN057142.D
Acq: 9 Aug 2019 13:24

Tgt Ion: 95 Resp: 577382
Ion Ratio Lower Upper
95 100
174 94.8 0.0 185.0
176 93.1 0.0 181.2

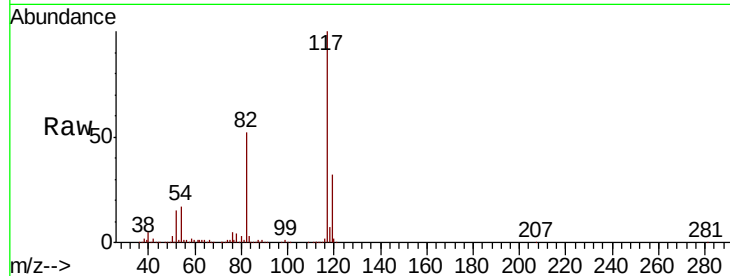




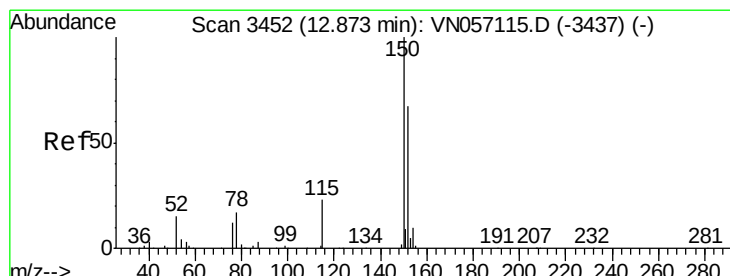
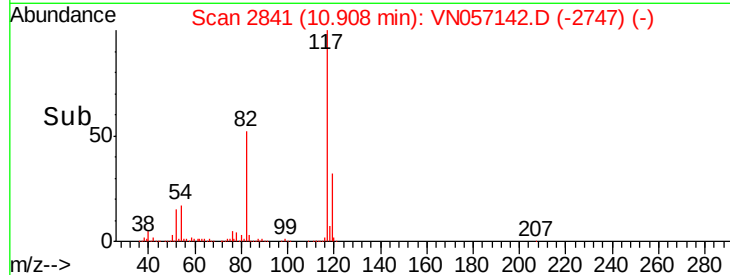
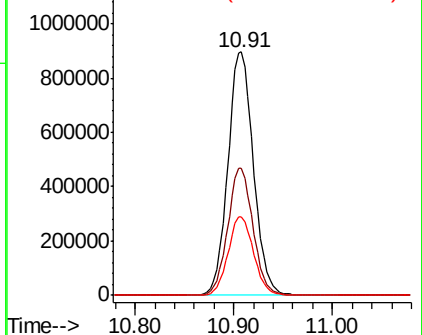
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.91 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN057142.D
Acq: 9 Aug 2019 13:24

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:117 Resp: 1621502
Ion Ratio Lower Upper
117 100
82 52.2 40.8 61.2
119 32.2 25.7 38.5

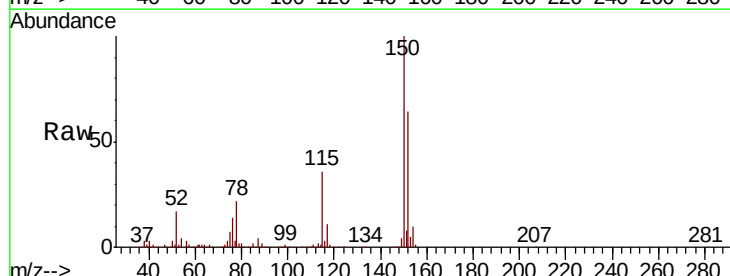


Abundance Ion 116.90 (116.60 to 117.60): V
1200000 Ion 82.00 (81.70 to 82.70): V
1000000 Ion 118.90 (118.60 to 119.60): V

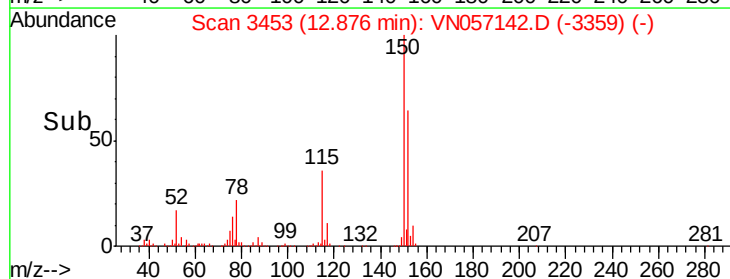
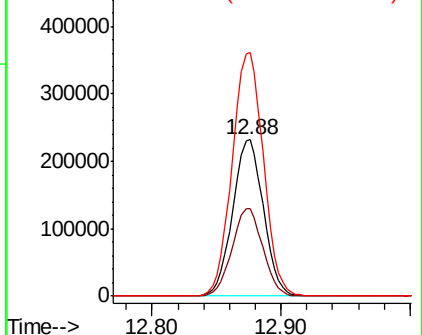


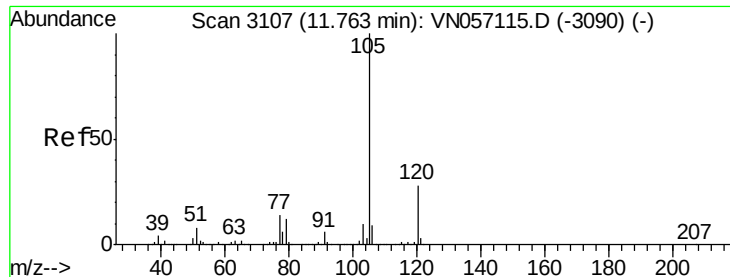
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.88 min Scan# 3453
Delta R.T. 0.00 min
Lab File: VN057142.D
Acq: 9 Aug 2019 13:24

Tgt Ion:152 Resp: 385350
Ion Ratio Lower Upper
152 100
115 55.9 27.5 82.5
150 157.8 0.0 341.6



Abundance Ion 151.90 (151.60 to 152.60): V
500000 Ion 114.90 (114.60 to 115.60): V
400000 Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 11.76 min Scan# 3107

Delta R.T. 0.00 min

Lab File: VN057142.D

Acq: 9 Aug 2019 13:24

Instrument :

MSVOA_N

ClientSampleId :

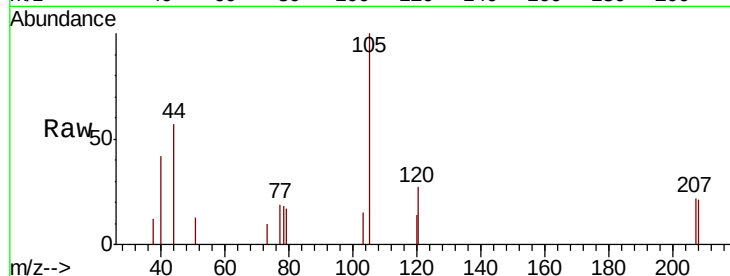
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:105 Resp: 1507

Ion Ratio Lower Upper

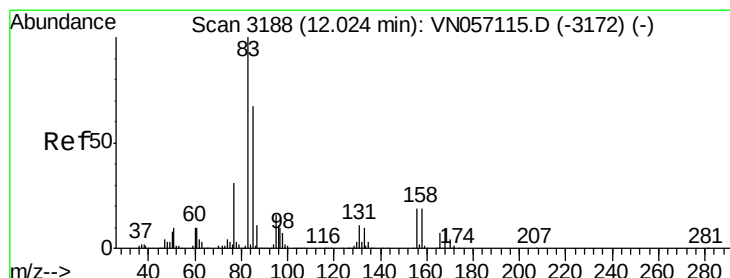
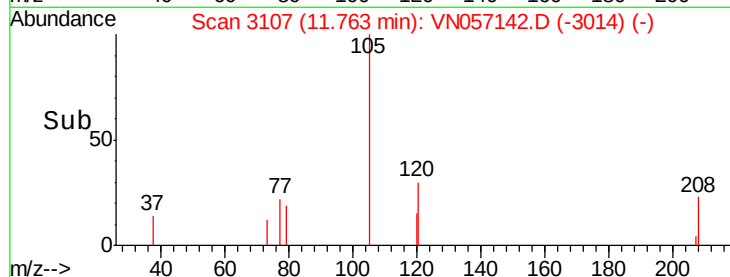
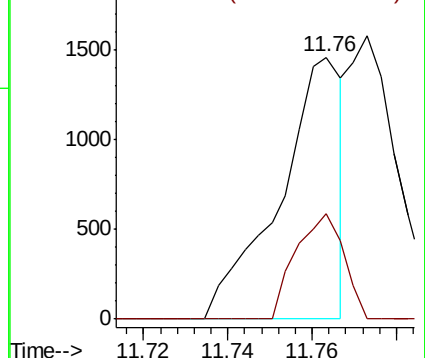
105 100

120 30.9 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.03 min Scan# 3189

Delta R.T. 0.00 min

Lab File: VN057142.D

Acq: 9 Aug 2019 13:24

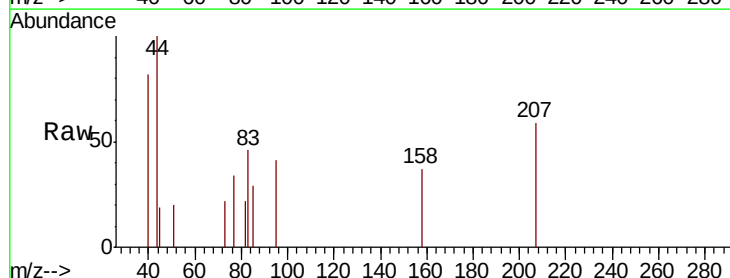
Tgt Ion: 83 Resp: 517

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

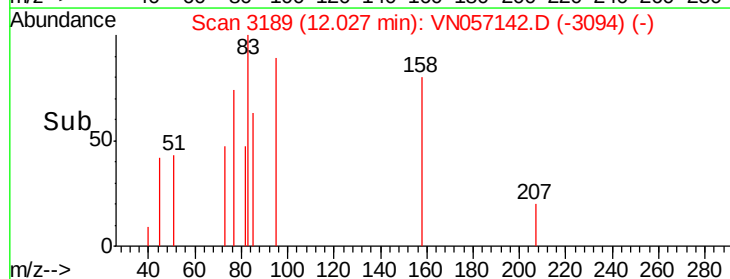
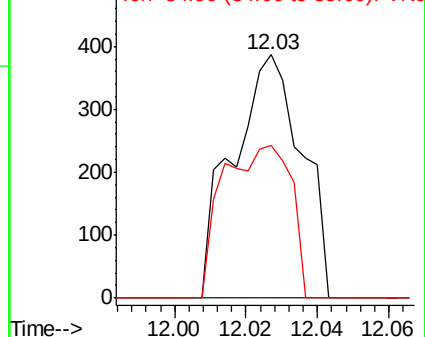
85 61.9 32.4 97.0

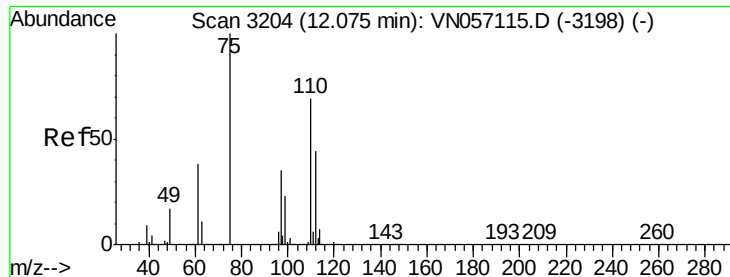


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 34.807 ug/l

RT: 11.92 min Scan# 3155

Delta R.T. -0.16 min

Lab File: VN057142.D

Acq: 9 Aug 2019 13:24

Instrument :

MSVOA_N

ClientSampleId :

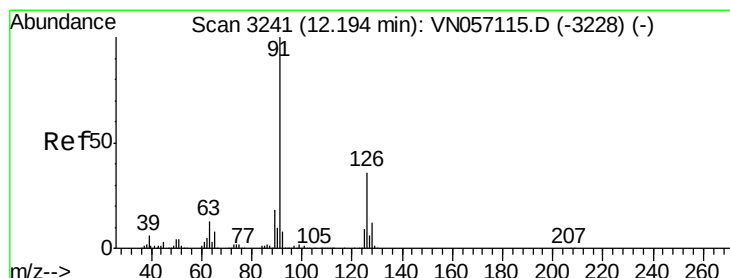
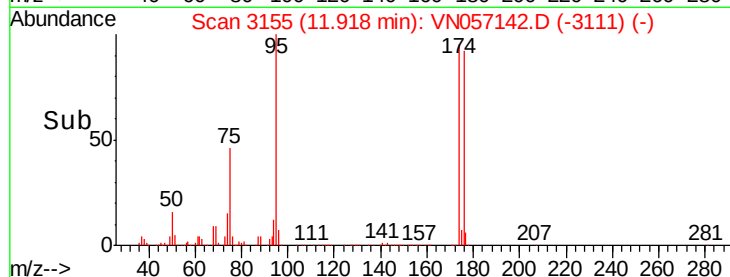
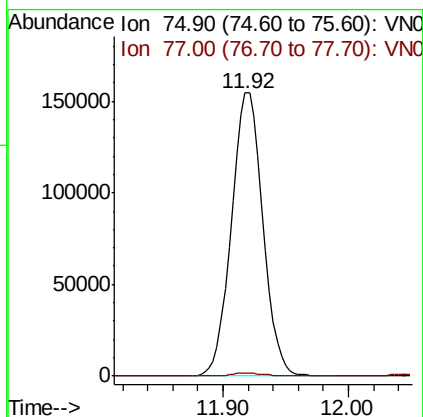
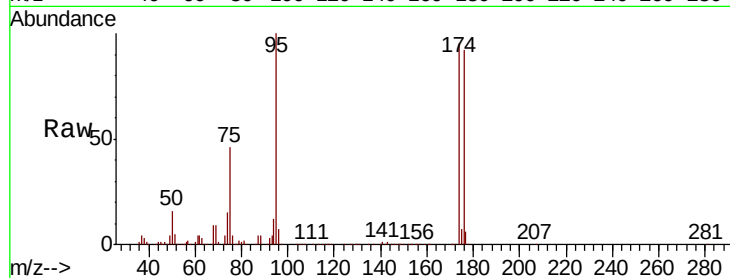
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 75 Resp: 268565

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.19 min Scan# 3241

Delta R.T. 0.00 min

Lab File: VN057142.D

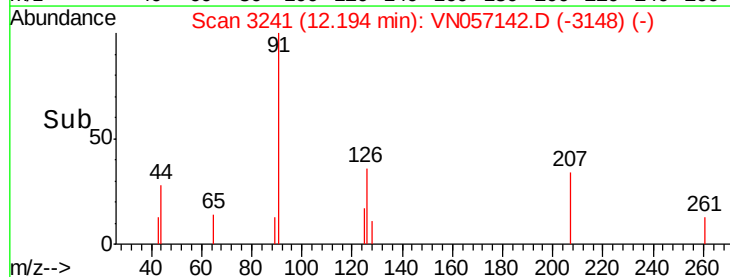
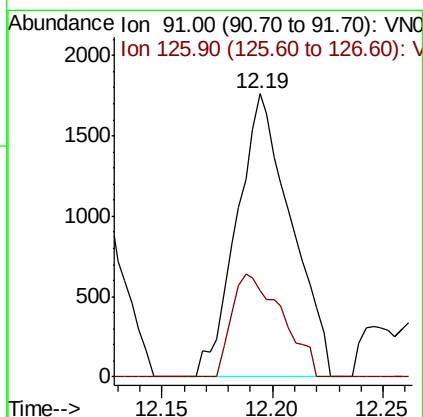
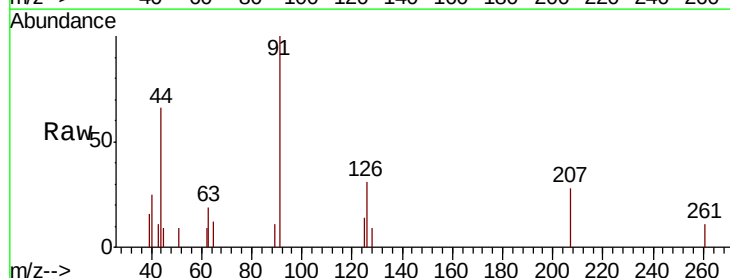
Acq: 9 Aug 2019 13:24

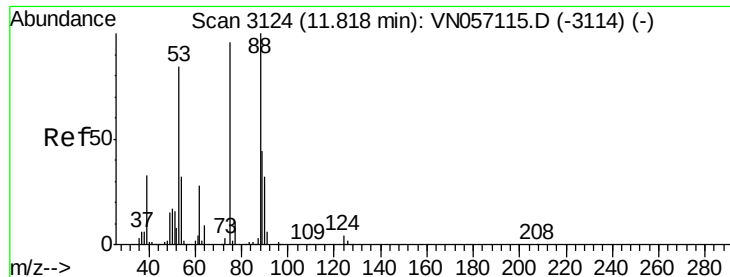
Tgt Ion: 91 Resp: 3015

Ion Ratio Lower Upper

91 100

126 33.6 18.1 54.3





#81

trans-1,4-Dichloro-2-butene

Concen: 102.474 ug/l

RT: 11.92 min Scan# 3155

Delta R.T. 0.10 min

Lab File: VN057142.D

Acq: 9 Aug 2019 13:24

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

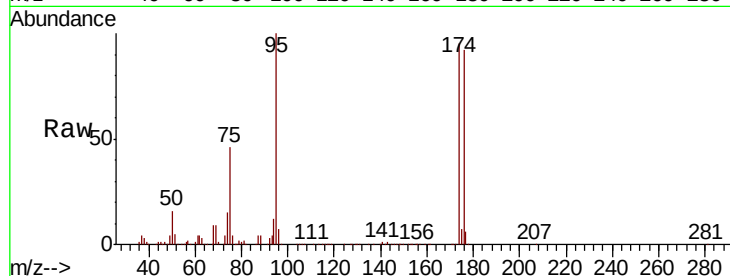
Tgt Ion: 75 Resp: 268565

Ion Ratio Lower Upper

75 100

53 0.0 70.6 106.0#

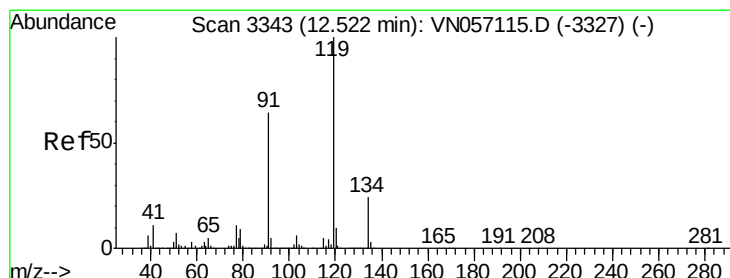
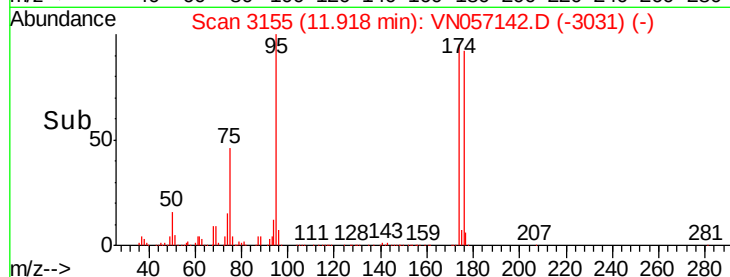
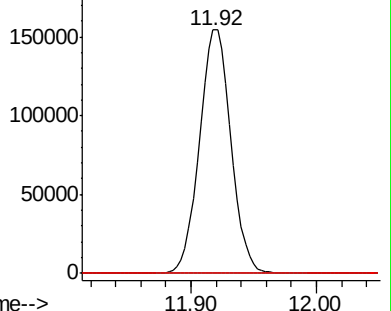
89 0.0 36.4 54.6#



Abundance Ion 74.90 (74.60 to 75.60): VN057115.D (-3114) (-)

Ion 53.00 (52.70 to 53.70): VN057115.D (-3114) (-)

Ion 88.90 (88.60 to 89.60): VN057115.D (-3114) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN057142.D

Acq: 9 Aug 2019 13:24

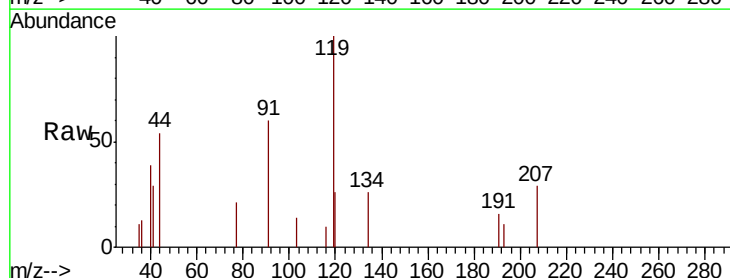
Tgt Ion: 119 Resp: 3211

Ion Ratio Lower Upper

119 100

91 0.0 31.4 94.2#

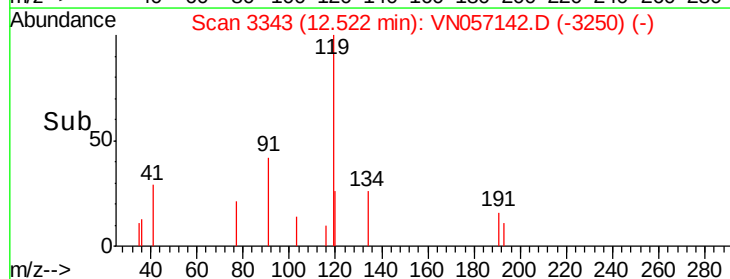
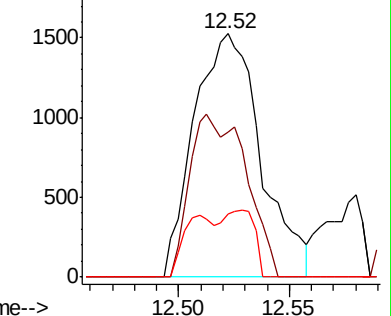
134 11.6 13.2 39.6#

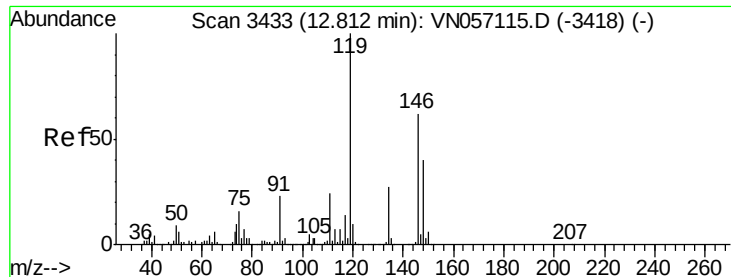


Abundance Ion 119.00 (118.70 to 119.70): VN057115.D (-3327) (-)

Ion 91.00 (90.70 to 91.70): VN057115.D (-3327) (-)

Ion 134.00 (133.70 to 134.70): VN057115.D (-3327) (-)

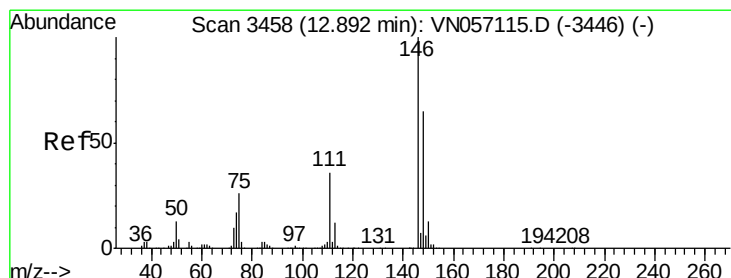
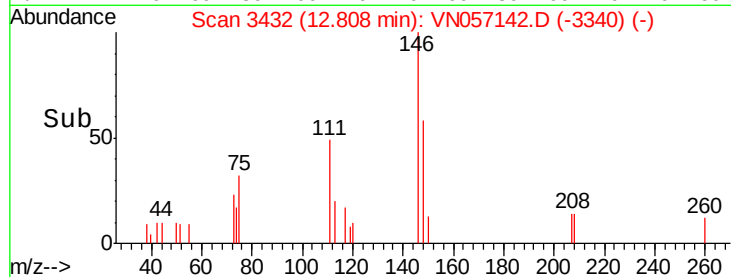
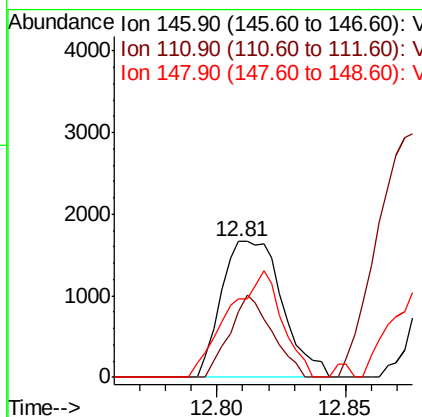
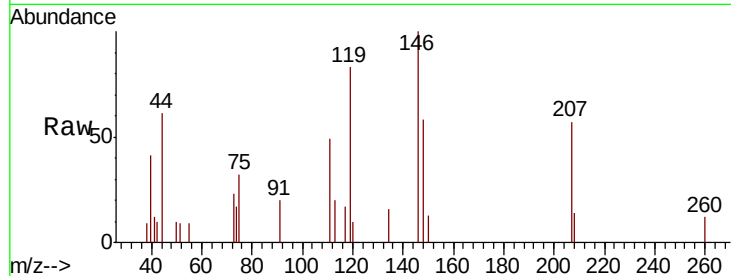




#87
 1,3-Dichlorobenzene
 Concen: 0.208 ug/l
 RT: 12.81 min Scan# 3432
 Delta R.T. -0.00 min
 Lab File: VN057142.D
 Acq: 9 Aug 2019 13:24

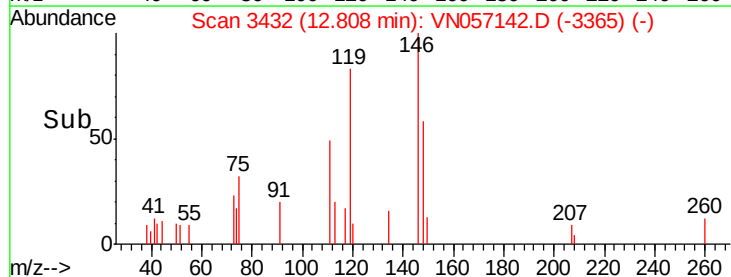
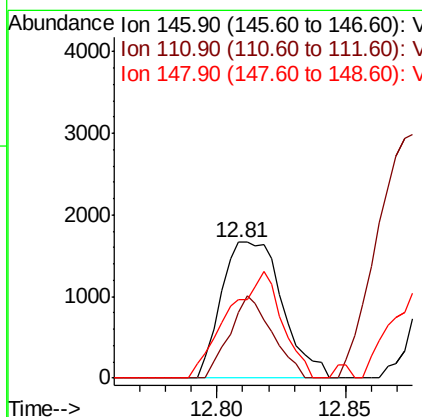
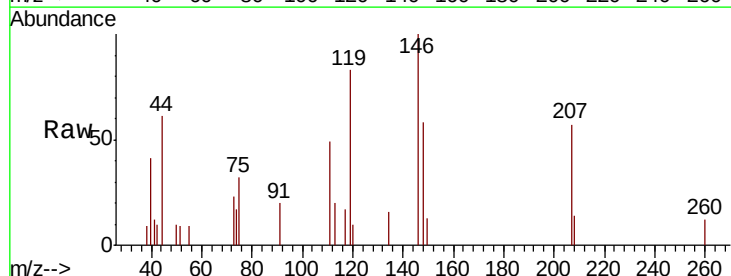
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

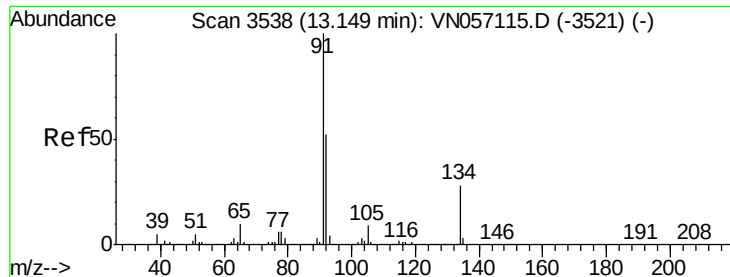
Tgt Ion:146 Resp: 2741
 Ion Ratio Lower Upper
 146 100
 111 42.1 18.8 56.4
 148 69.2 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 0.219 ug/l
 RT: 12.81 min Scan# 3432
 Delta R.T. -0.08 min
 Lab File: VN057142.D
 Acq: 9 Aug 2019 13:24

Tgt Ion:146 Resp: 2741
 Ion Ratio Lower Upper
 146 100
 111 42.1 18.2 54.6
 148 69.2 32.0 96.2





#89

n-Butylbenzene

Concen: 0.272 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN057142.D

Acq: 9 Aug 2019 13:24

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

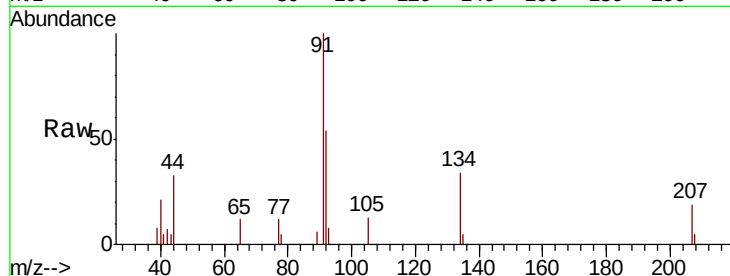
Tgt Ion: 91 Resp: 5544

Ion Ratio Lower Upper

91 100

92 50.9 26.5 79.4

134 26.9 14.1 42.3

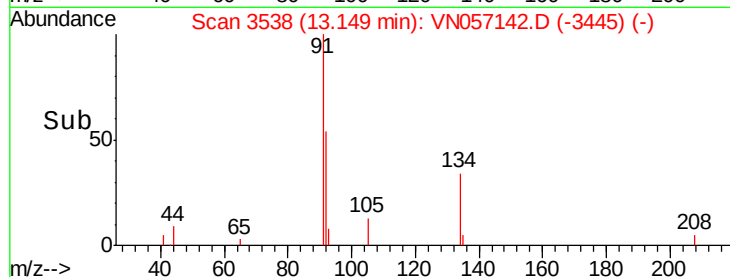


Abundance Ion 91.00 (90.70 to 91.70): VN057115.D (-3521) (-)

Ion 92.00 (91.70 to 92.70): VN057115.D (-3521) (-)

Ion 134.00 (133.70 to 134.70): VN057115.D (-3521) (-)

Time-->

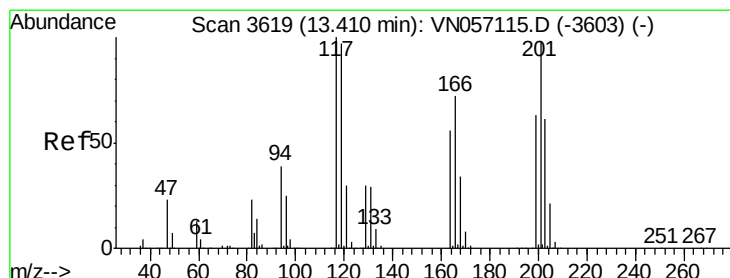


Abundance Ion 91.00 (90.70 to 91.70): VN057142.D (-3445) (-)

Ion 92.00 (91.70 to 92.70): VN057142.D (-3445) (-)

Ion 134.00 (133.70 to 134.70): VN057142.D (-3445) (-)

Time-->



#90

Hexachloroethane

Concen: Below Cal

RT: 13.41 min Scan# 3619

Delta R.T. 0.00 min

Lab File: VN057142.D

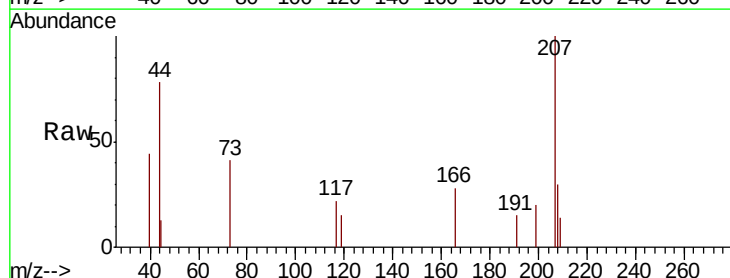
Acq: 9 Aug 2019 13:24

Tgt Ion: 117 Resp: 218

Ion Ratio Lower Upper

117 100

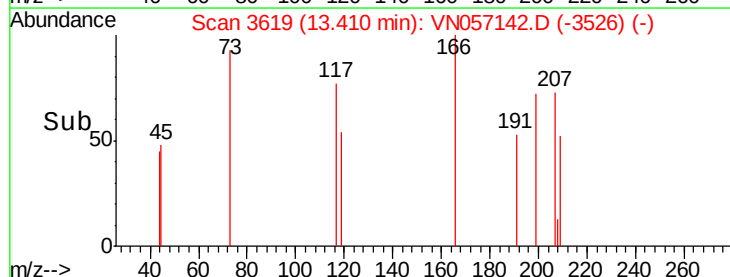
201 0.0 49.3 147.8#



Abundance Ion 116.80 (116.50 to 117.50): VN057115.D (-3603) (-)

Ion 200.70 (200.40 to 201.40): VN057115.D (-3603) (-)

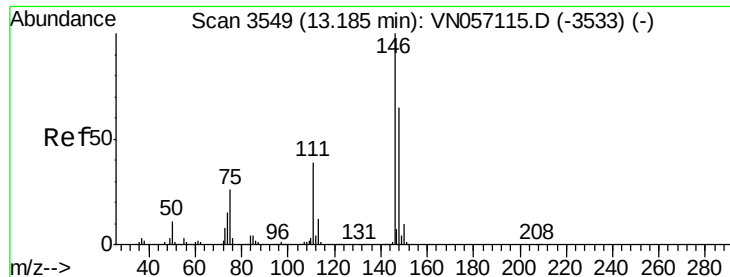
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN057142.D (-3526) (-)

Ion 200.70 (200.40 to 201.40): VN057142.D (-3526) (-)

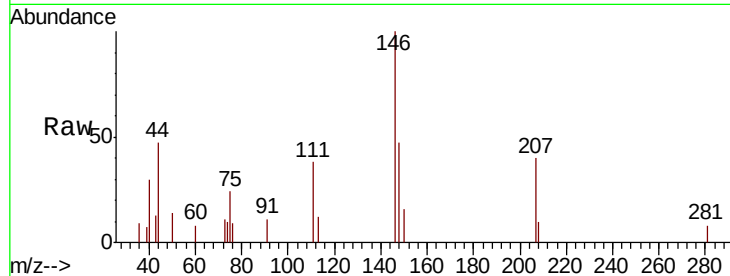
Time-->



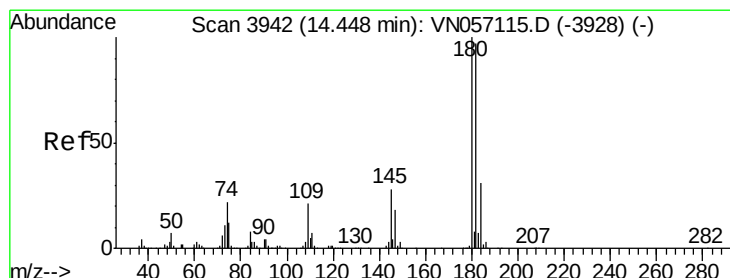
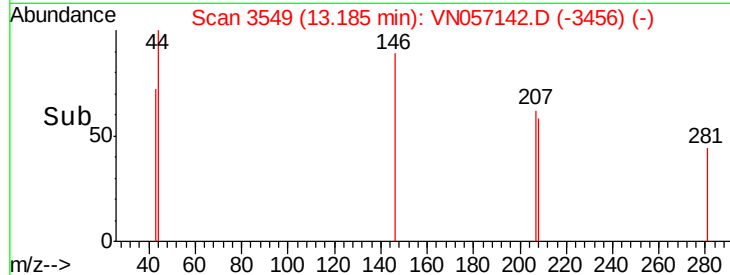
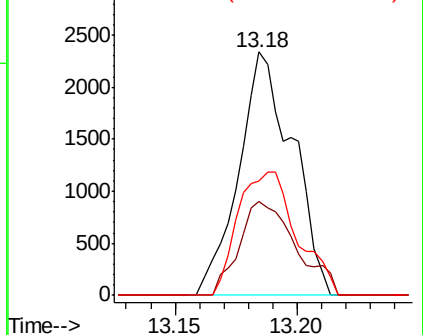
#91
 1,2-Dichlorobenzene
 Concen: 0.272 ug/l
 RT: 13.18 min Scan# 3549
 Delta R.T. -0.00 min
 Lab File: VN057142.D
 Acq: 9 Aug 2019 13:24

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Tgt Ion:146 Resp: 3578
 Ion Ratio Lower Upper
 146 100
 111 40.7 19.2 57.6
 148 55.3 32.4 97.0

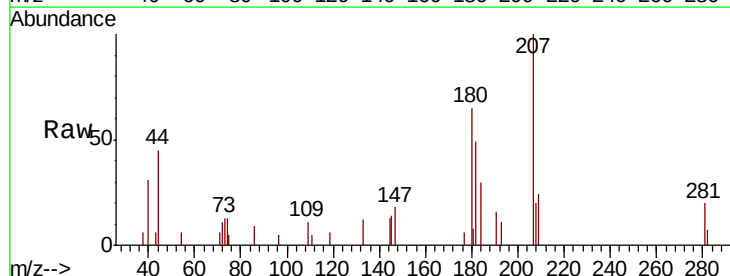


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

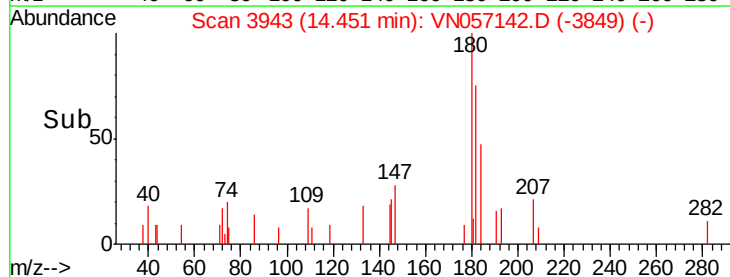
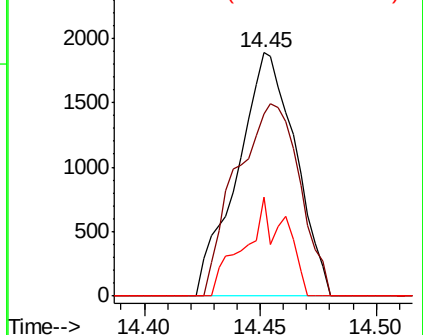


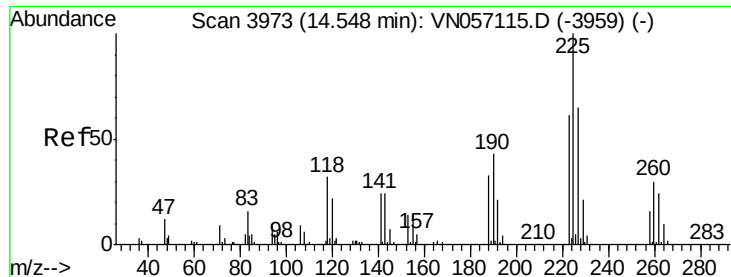
#93
 1,2,4-Trichlorobenzene
 Concen: 6.450 ug/l
 RT: 14.45 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VN057142.D
 Acq: 9 Aug 2019 13:24

Tgt Ion:180 Resp: 3292
 Ion Ratio Lower Upper
 180 100
 182 86.7 47.5 142.6
 145 29.3 14.1 42.2



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 14.55 min Scan# 3975

Delta R.T. 0.01 min

Lab File: VN057142.D

Acq: 9 Aug 2019 13:24

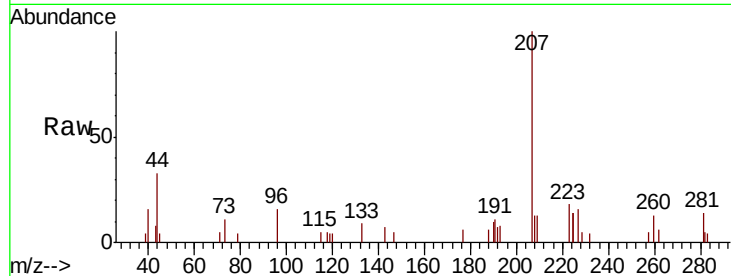
Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

Tgt Ion:	225	Resp:	1187
Ion Ratio	Lower	Upper	
225	100		
223	83.2	30.9	92.8
227	85.0	32.4	97.0



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

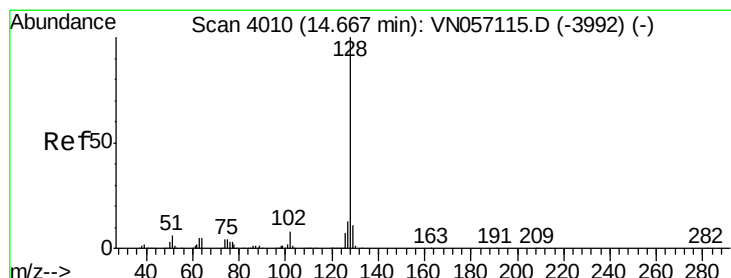
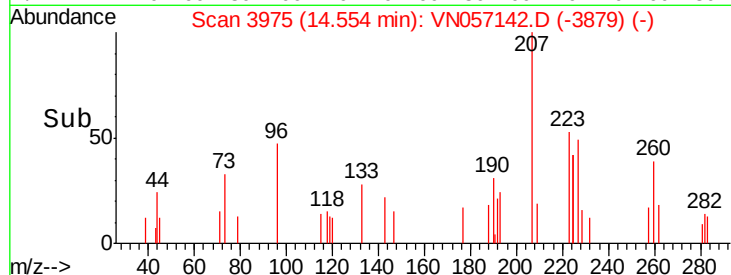
14.55

1000

500

0

Time--> 14.50 14.55



#95

Naphthalene

Concen: 3.497 ug/l

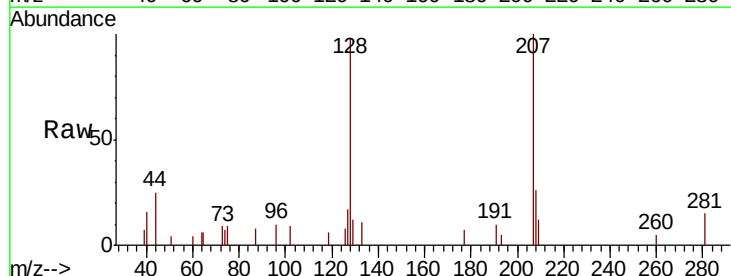
RT: 14.67 min Scan# 4011

Delta R.T. 0.00 min

Lab File: VN057142.D

Acq: 9 Aug 2019 13:24

Tgt Ion:	128	Resp:	6905
Ion Ratio	Lower	Upper	
128	100		
127	8.6	10.3	15.5#
129	7.0	8.8	13.2#



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

14.67

5000

4000

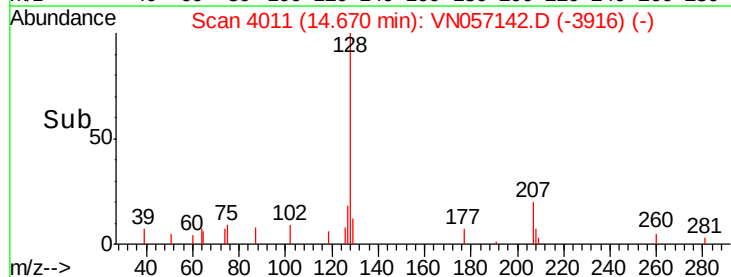
3000

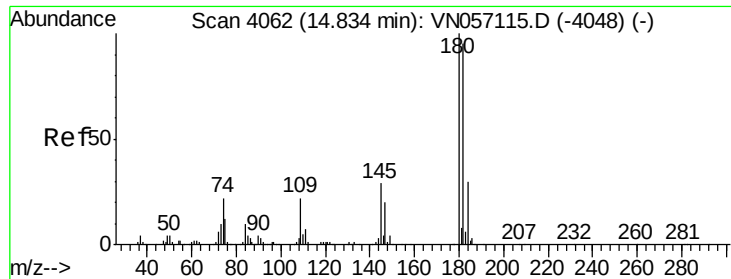
2000

1000

0

Time--> 14.60 14.65 14.70





#96
 1,2,3-Trichlorobenzene
 Concen: 6.259 ug/l
 RT: 14.84 min Scan# 4065
 Delta R.T. 0.01 min
 Lab File: VN057142.D
 Acq: 9 Aug 2019 13:24

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Tgt Ion:180 Resp: 3508
 Ion Ratio Lower Upper
 180 100
 182 100.6 48.3 144.8
 145 28.2 14.9 44.5

