

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111320\
 Data File : VN064635.D
 Acq On : 13 Nov 2020 17:09
 Operator : JC/MD
 Sample : L4748-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Nov 17 01:58:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	222144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	464105	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	473432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	170580	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	221142	57.15	ug/l	0.00
Spiked Amount			Recovery	=	114.30%	
35) Dibromofluoromethane	7.55	113	165105	52.25	ug/l	0.00
Spiked Amount			Recovery	=	104.50%	
50) Toluene-d8	10.06	98	592114	48.48	ug/l	0.00
Spiked Amount			Recovery	=	96.96%	
62) 4-Bromofluorobenzene	12.38	95	217361	47.06	ug/l	0.00
Spiked Amount			Recovery	=	94.12%	

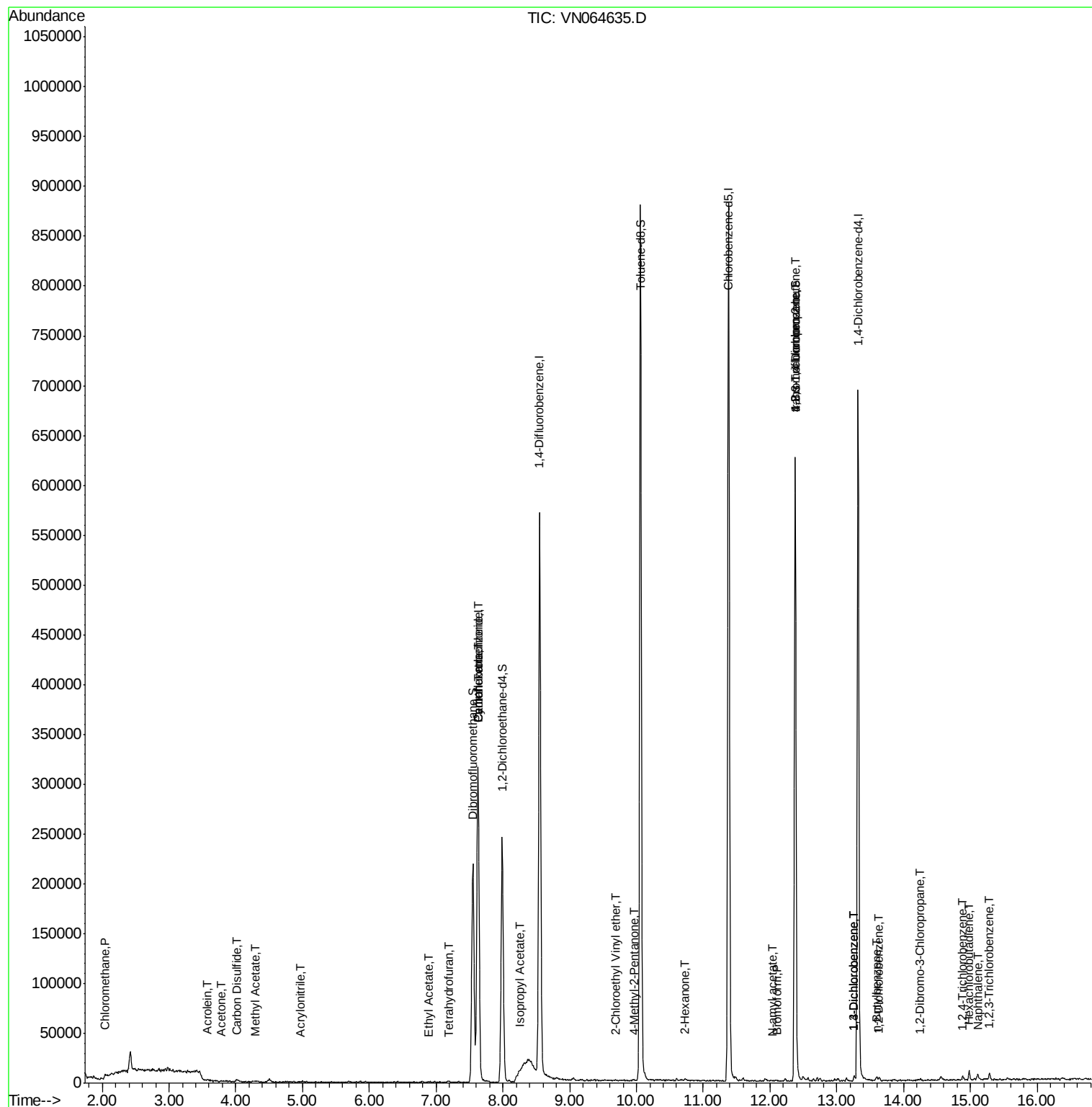
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	2309	0.657	ug/l	92
13) Acrolein	3.56	56	434	1.640	ug/l #	75
15) Acrylonitrile	4.96	53	327	0.275	ug/l #	57
16) Acetone	3.78	43	1263	0.857	ug/l #	48
17) Carbon Disulfide	4.02	76	3342	0.470	ug/l #	85
18) Methyl Acetate	4.29	43	1170	0.404	ug/l #	55
29) Tetrahydrofuran	7.20	42	743	0.645	ug/l #	40
31) Cyclohexane	7.62	56	7351	1.563	ug/l #	46
37) Ethyl Acetate	6.88	43	59	0.774	ug/l #	33
38) Carbon Tetrachloride	7.63	117	27333	5.216	ug/l #	17
43) Isopropyl Acetate	8.24	43	8815	1.109	ug/l #	64
51) 4-Methyl-2-Pentanone	9.96	43	1187	0.256	ug/l #	73
58) 2-Chloroethyl Vinyl ether	9.69	63	103	21.573	ug/l #	51
59) 2-Hexanone	10.73	43	1110	4.317	ug/l	93
71) Bromoform	12.10	173	221	1.349	ug/l #	29
74) N-amyl acetate	12.04	43	155	1.237	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	120803	29.229	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	120803	81.610	ug/l #	8
87) 1,3-Dichlorobenzene	13.26	146	1323	0.231	ug/l	98
88) 1,4-Dichlorobenzene	13.26	146	1323	0.224	ug/l	97
89) n-Butylbenzene	13.60	91	2564	0.300	ug/l	87
91) 1,2-Dichlorobenzene	13.63	146	1173	0.213	ug/l	89
92) 1,2-Dibromo-3-Chloropropan	14.25	75	291	0.351	ug/l #	31
93) 1,2,4-Trichlorobenzene	14.89	180	1391	3.145	ug/l	87
94) Hexachlorobutadiene	14.98	225	1402	1.251	ug/l	95
95) Naphthalene	15.11	128	5380	4.156	ug/l	98
96) 1,2,3-Trichlorobenzene	15.29	180	2138	3.538	ug/l	98

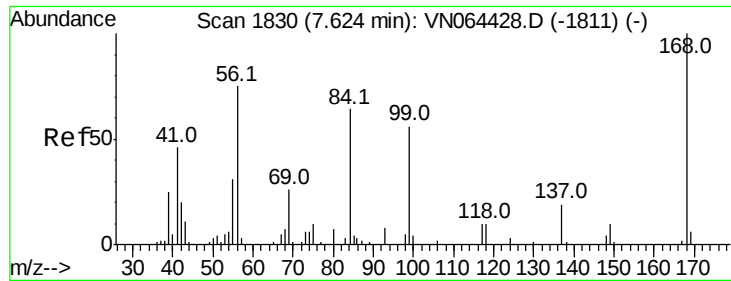
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064635.D

Acq: 13 Nov 2020 17:09

Instrument :

MSVOA_N

ClientSampleId :

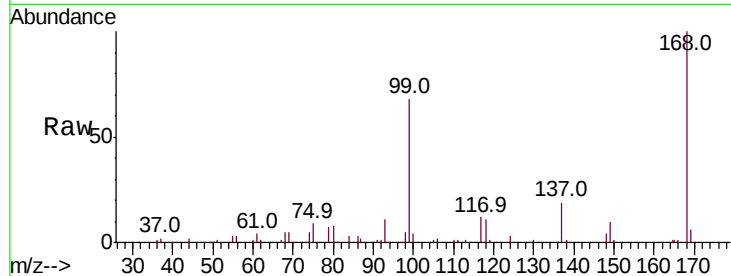
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 222144

Ion Ratio Lower Upper

168 100

99 68.4 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

60000

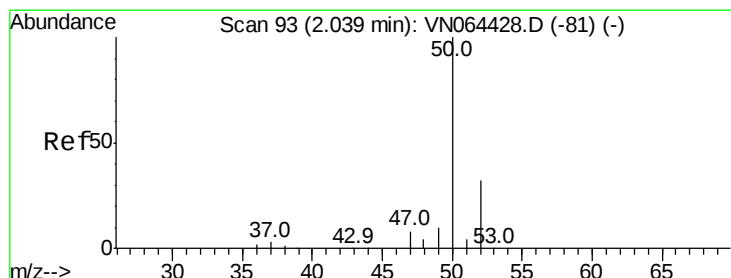
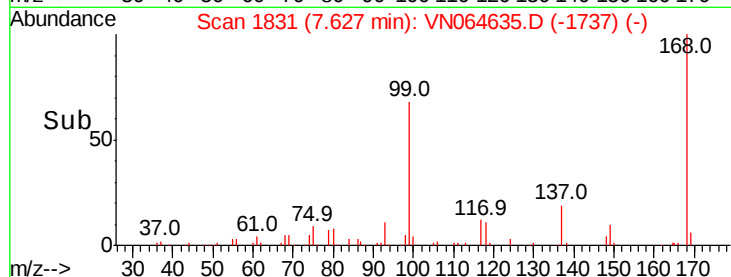
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#3

Chloromethane

Concen: 0.657 ug/l

RT: 2.04 min Scan# 94

Delta R.T. 0.00 min

Lab File: VN064635.D

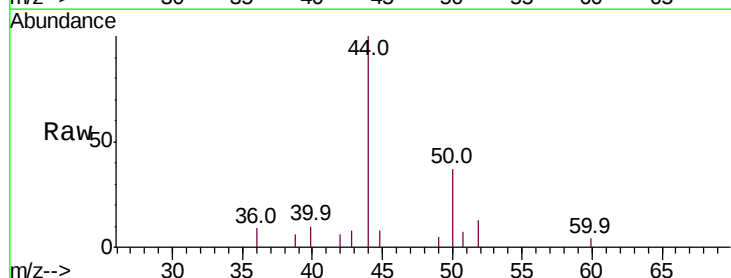
Acq: 13 Nov 2020 17:09

Tgt Ion: 50 Resp: 2309

Ion Ratio Lower Upper

50 100

52 36.2 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.04

1500

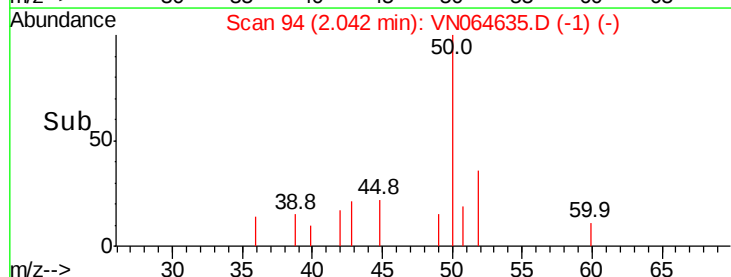
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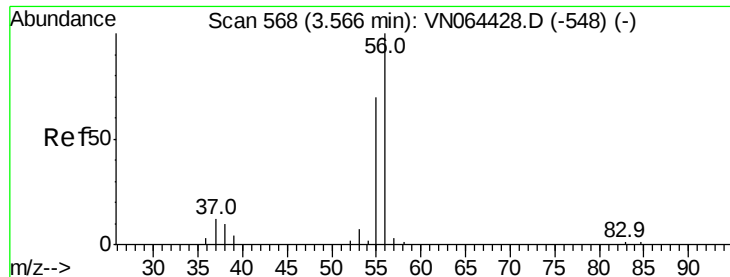
500

0

2.00 2.05

Time-->





#13

Acrolein

Concen: 1.640 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064635.D

Acq: 13 Nov 2020 17:09

Instrument :

MSVOA_N

ClientSampleId :

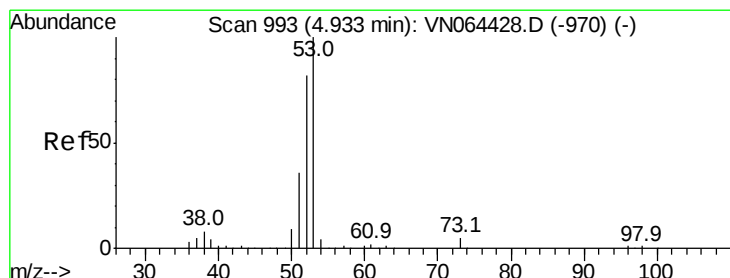
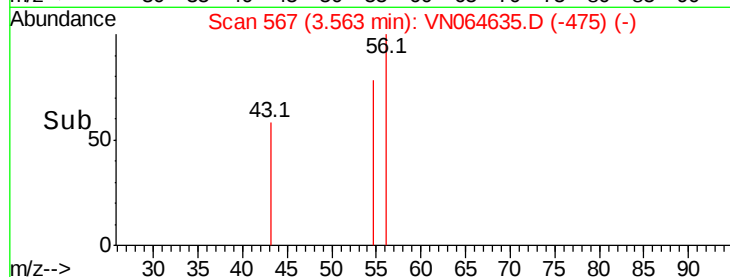
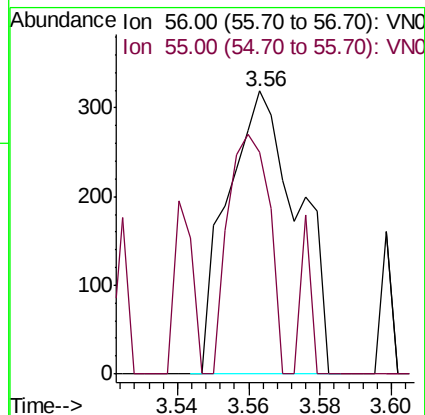
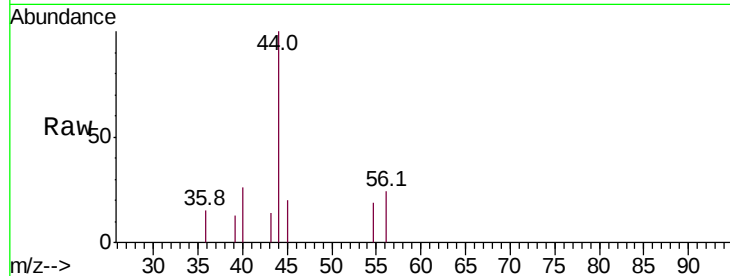
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 56 Resp: 434

Ion Ratio Lower Upper

56 100

55 49.5 55.9 83.9#



#15

Acrylonitrile

Concen: 0.275 ug/l

RT: 4.96 min Scan# 1002

Delta R.T. 0.03 min

Lab File: VN064635.D

Acq: 13 Nov 2020 17:09

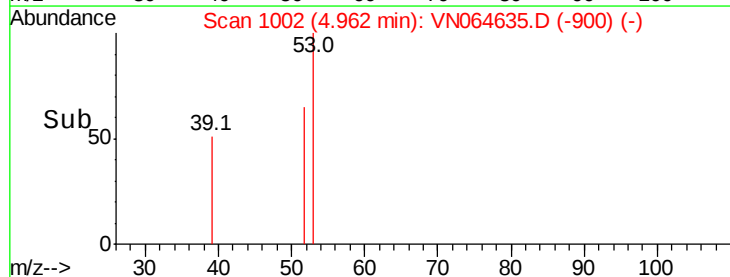
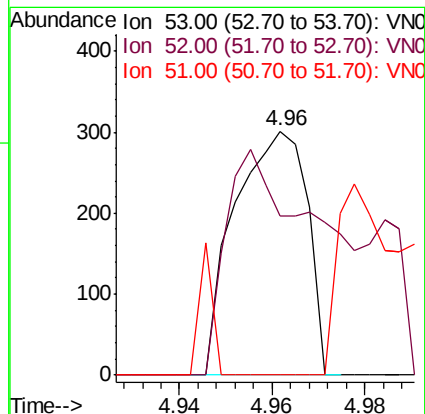
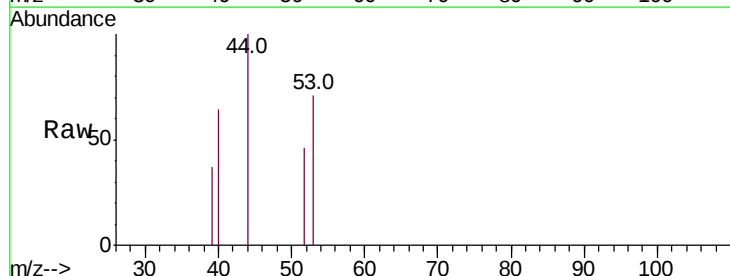
Tgt Ion: 53 Resp: 327

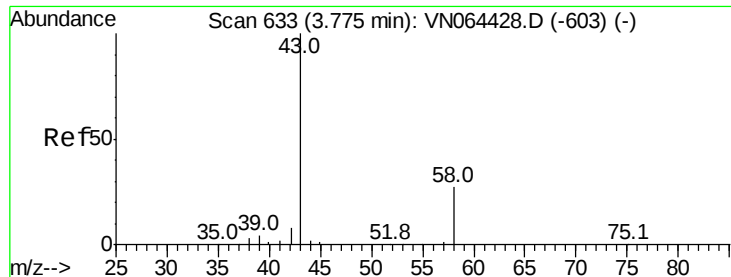
Ion Ratio Lower Upper

53 100

52 119.3 65.6 98.4#

51 9.5 29.9 44.9#





#16

Acetone

Concen: 0.857 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064635.D

Acq: 13 Nov 2020 17:09

Instrument :

MSVOA_N

ClientSampleId :

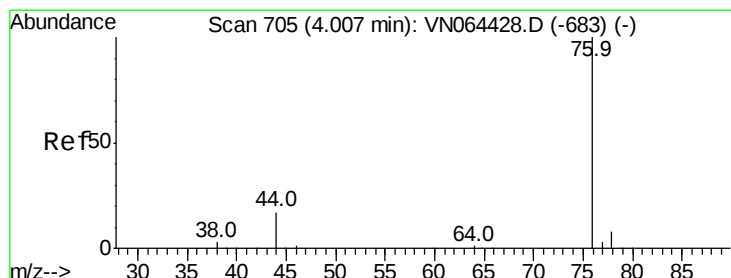
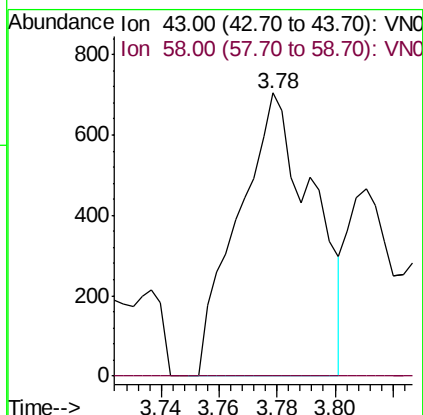
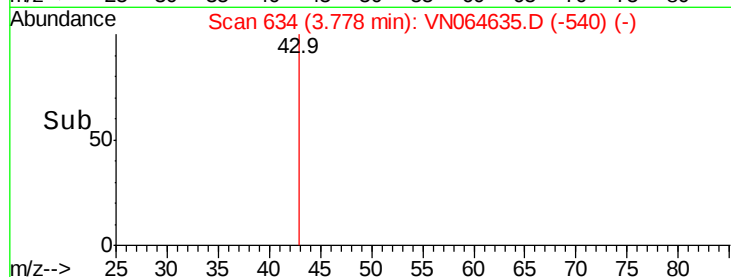
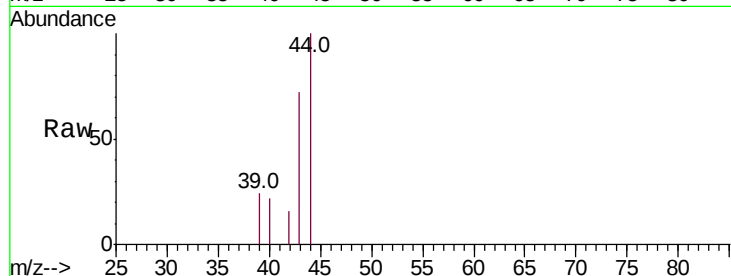
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 43 Resp: 1263

Ion Ratio Lower Upper

43 100

58 0.0 21.4 32.0#



#17

Carbon Disulfide

Concen: 0.470 ug/l

RT: 4.02 min Scan# 708

Delta R.T. 0.01 min

Lab File: VN064635.D

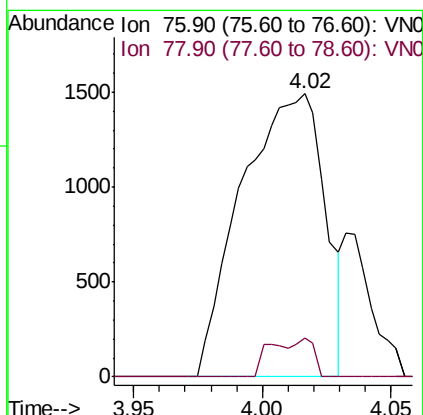
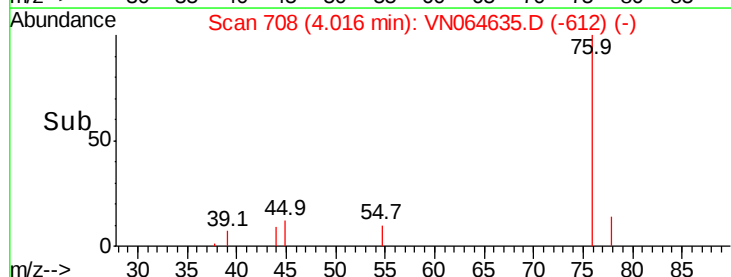
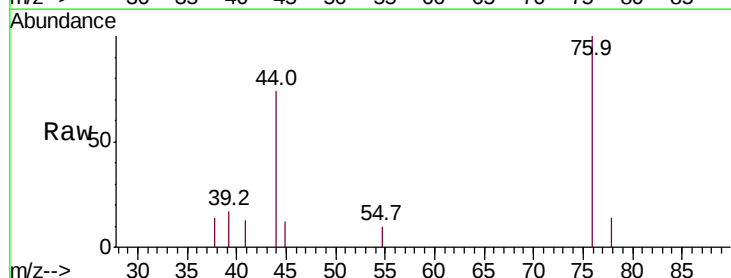
Acq: 13 Nov 2020 17:09

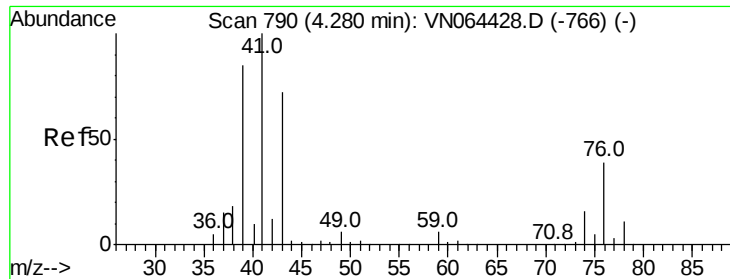
Tgt Ion: 76 Resp: 3342

Ion Ratio Lower Upper

76 100

78 13.7 6.8 10.2#

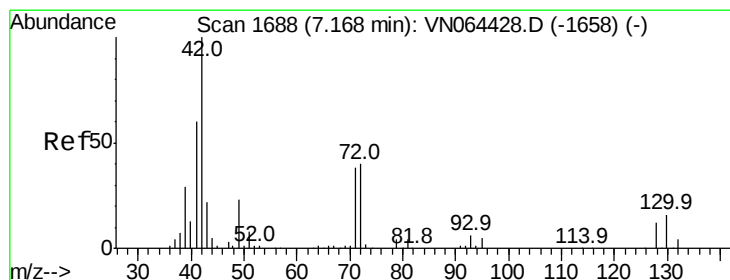
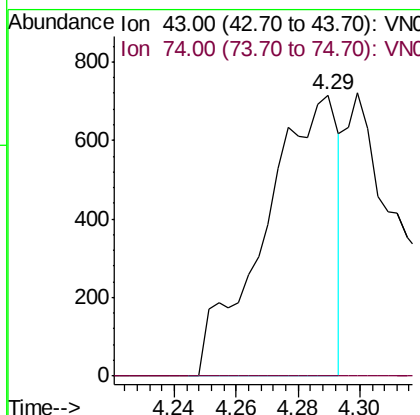
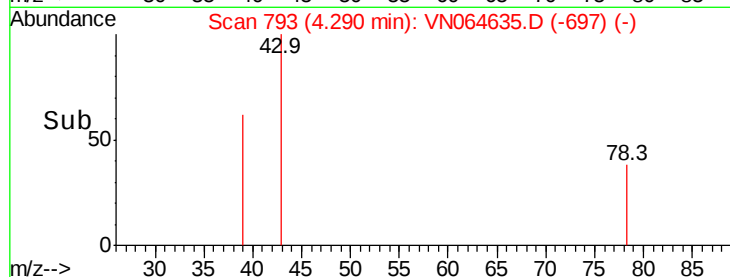
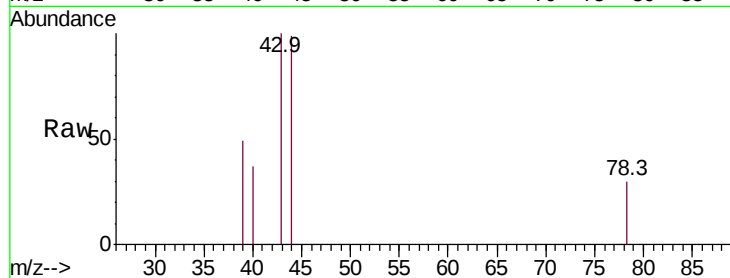




#18
Methvl Acetate
Concen: 0.404 ug/l
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN064635.D
Acq: 13 Nov 2020 17:09

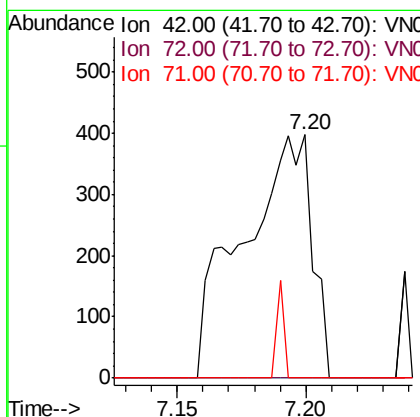
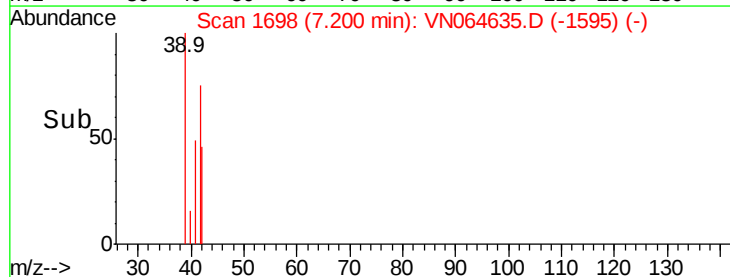
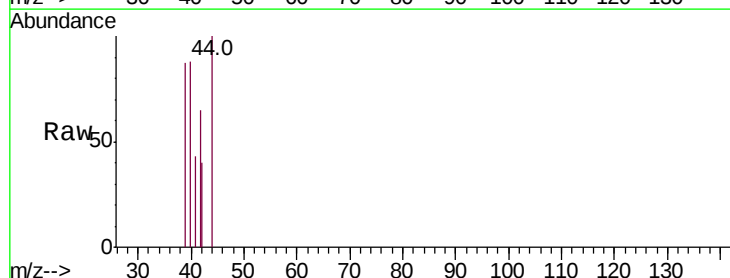
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

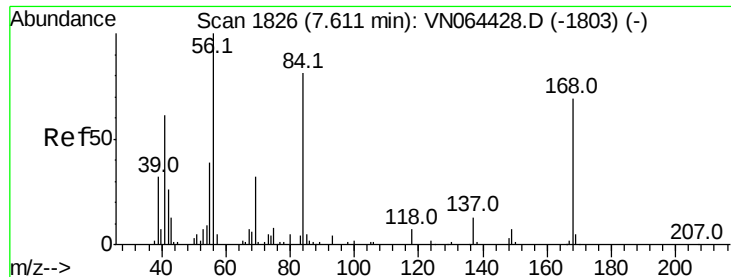
Tot Ion: 43 Resp: 1170
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#



#29
Tetrahydrofuran
Concen: 0.645 ug/l
RT: 7.20 min Scan# 1698
Delta R.T. 0.03 min
Lab File: VN064635.D
Acq: 13 Nov 2020 17:09

Tgt Ion: 42 Resp: 743
Ion Ratio Lower Upper
42 100
72 0.0 31.7 47.5#
71 4.2 29.8 44.6#

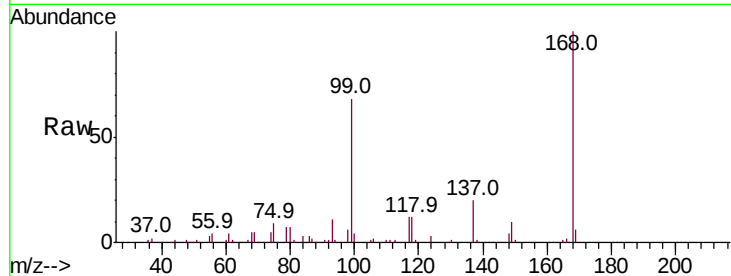




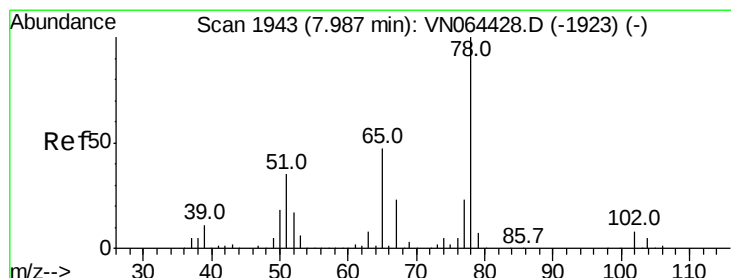
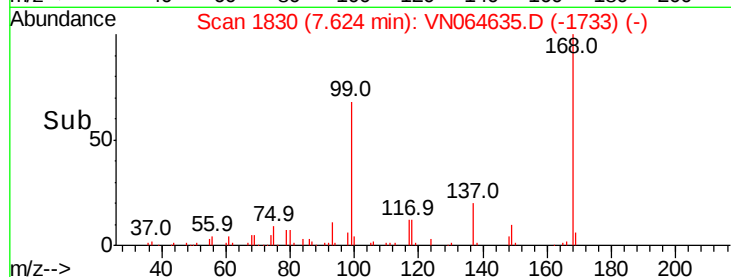
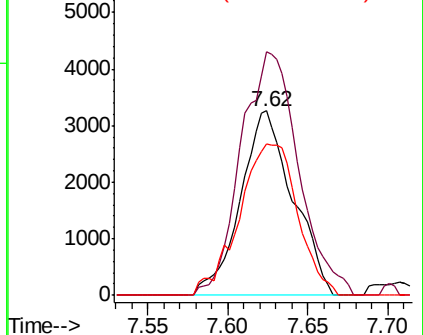
#31
Cyclohexane
Concen: 1.563 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN064635.D
Acq: 13 Nov 2020 17:09

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

Tot Ion: 56 Resp: 7351
Ion Ratio Lower Upper
56 100
69 132.1 25.6 38.4#
84 81.9 63.0 94.6

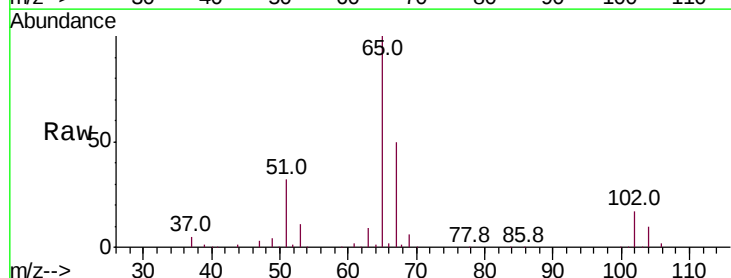


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

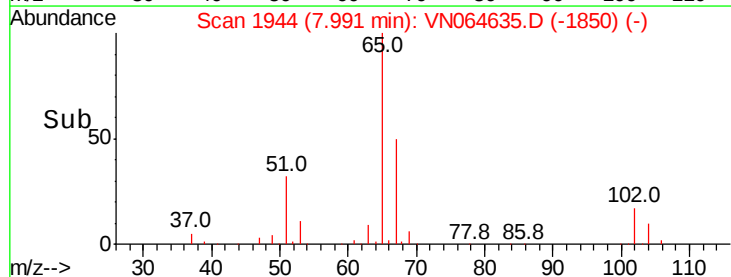
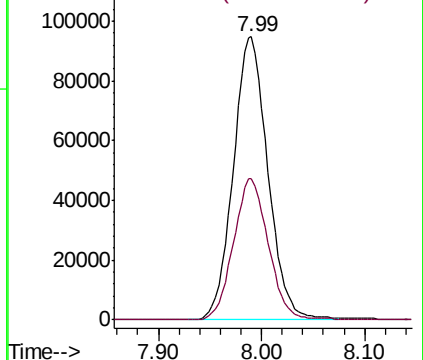


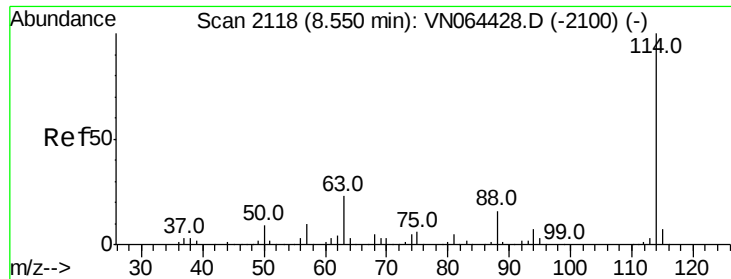
#33
1,2-Dichloroethane-d4
Concen: 57.151 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN064635.D
Acq: 13 Nov 2020 17:09

Tgt Ion: 65 Resp: 221142
Ion Ratio Lower Upper
65 100
67 49.8 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

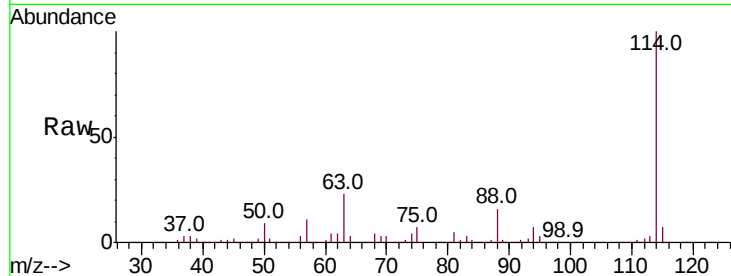




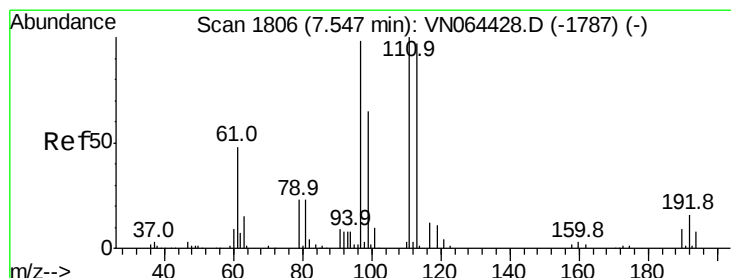
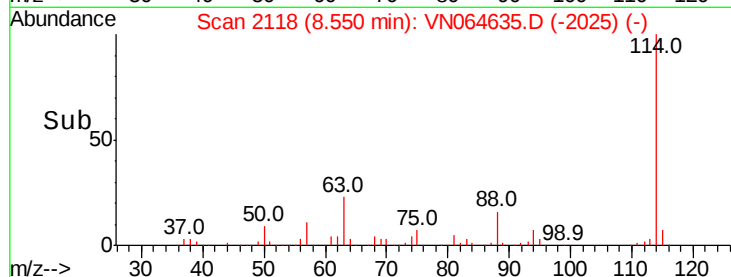
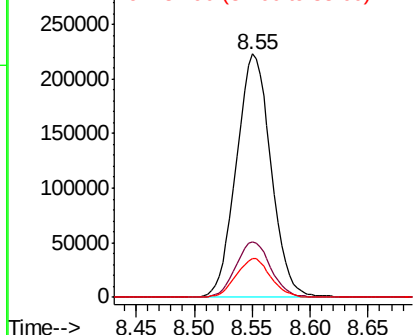
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064635.D
 Acq: 13 Nov 2020 17:09

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

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	45.6
88	16.2	0.0	32.8

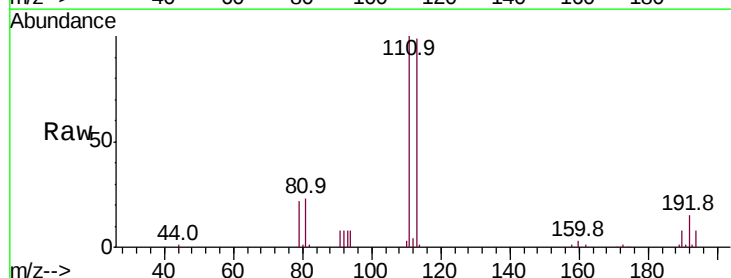


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

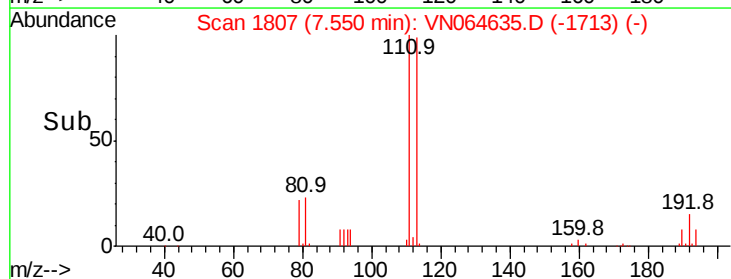
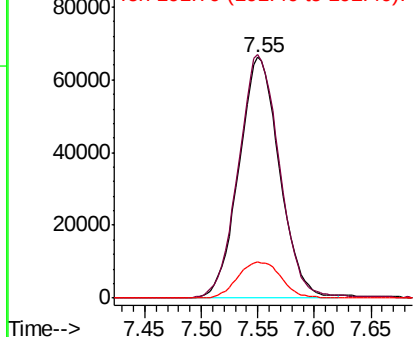


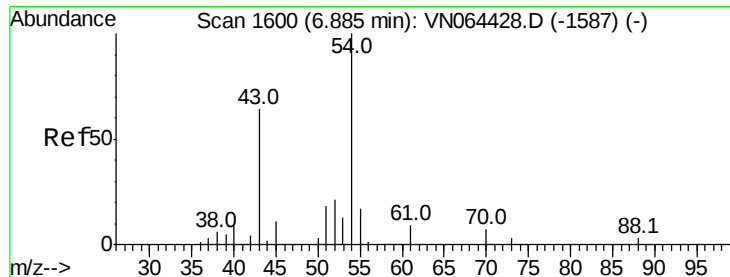
#35
 Dibromofluoromethane
 Concen: 52.250 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064635.D
 Acq: 13 Nov 2020 17:09

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.1	121.7
192	16.1	12.8	19.2



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

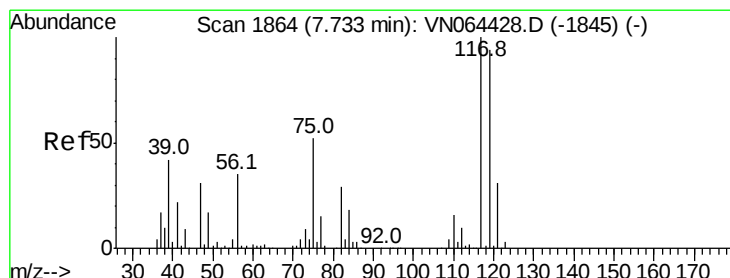
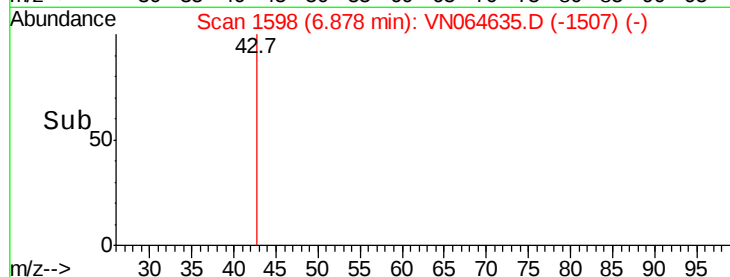
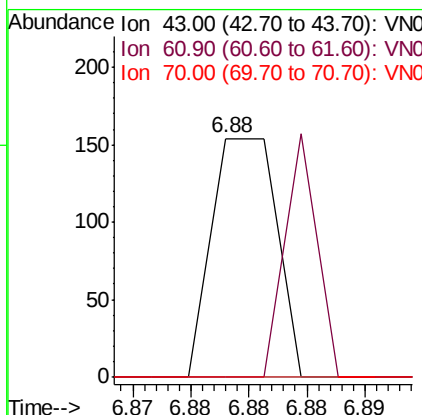
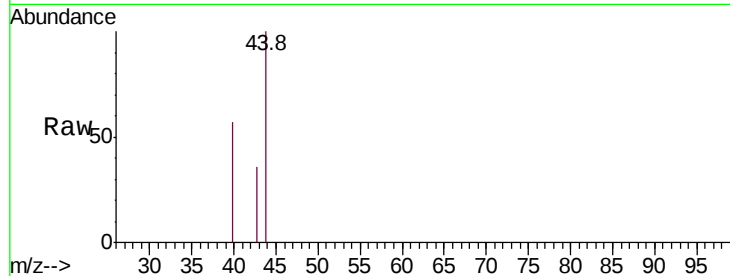




#37
Ethyl Acetate
Concen: 0.774 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.01 min
Lab File: VN064635.D
Acq: 13 Nov 2020 17:09

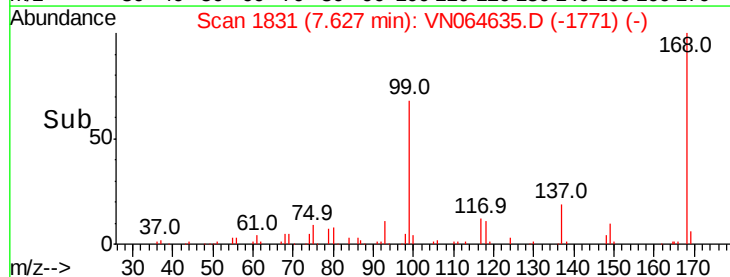
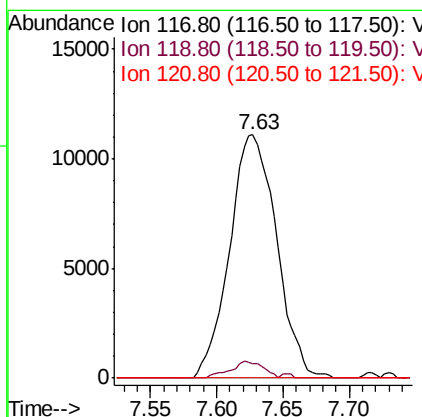
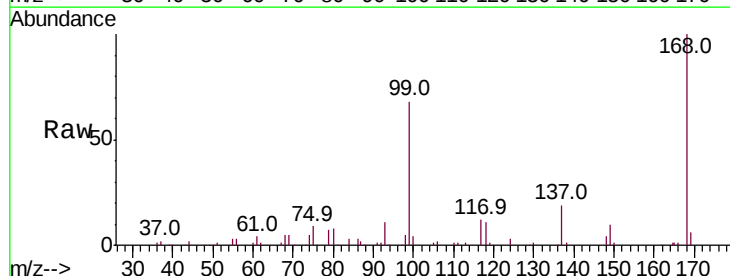
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

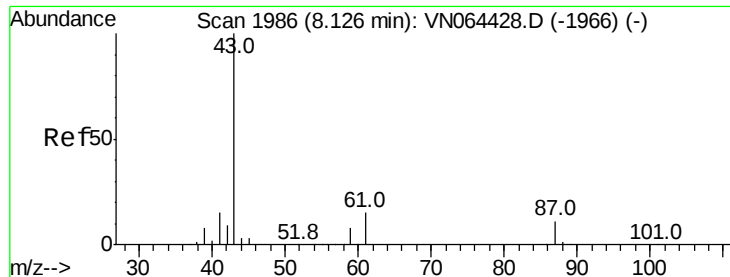
Tot Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
61 50.8 10.0 15.0#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.216 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN064635.D
Acq: 13 Nov 2020 17:09

Tgt Ion: 117 Resp: 27333
Ion Ratio Lower Upper
117 100
119 6.1 75.5 113.3#
121 0.0 24.4 36.6#





#43

Isopropyl Acetate

Concen: 1.109 ug/l

RT: 8.24 min Scan# 2021

Delta R.T. 0.11 min

Lab File: VN064635.D

Acq: 13 Nov 2020 17:09

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

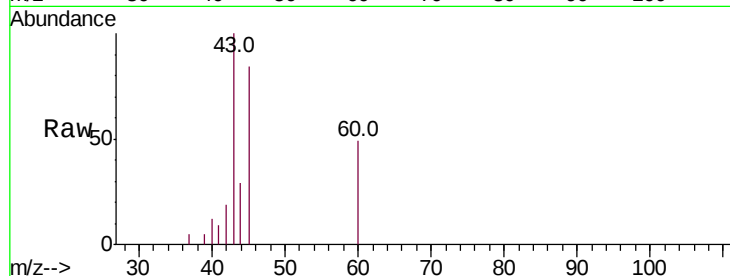
Tot Ion: 43 Resp: 8815

Ion Ratio Lower Upper

43 100

61 0.0 14.0 21.0#

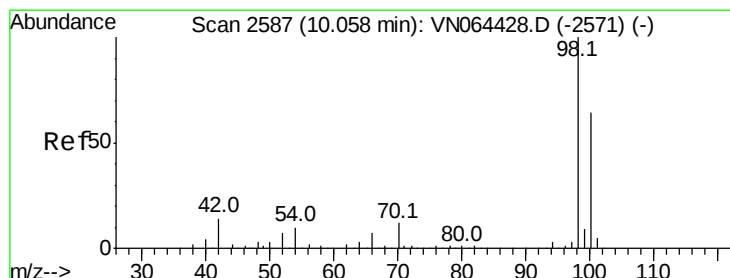
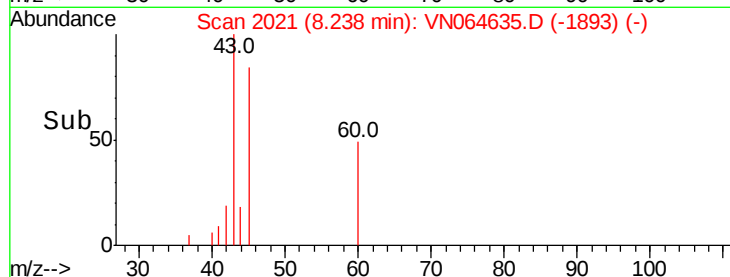
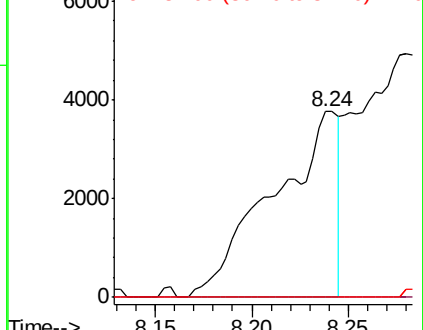
87 0.0 9.1 13.7#



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN064428.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN064428.D (-1966) (-)



#50

Toluene-d8

Concen: 48.482 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064635.D

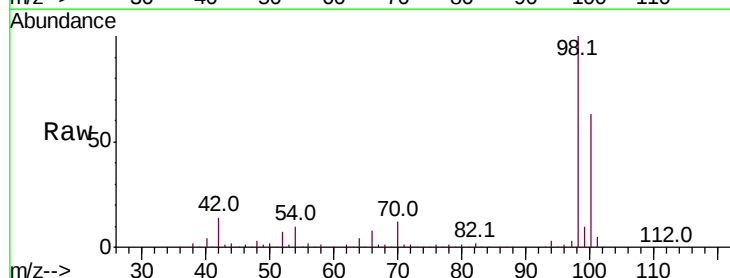
Acq: 13 Nov 2020 17:09

Tgt Ion: 98 Resp: 592114

Ion Ratio Lower Upper

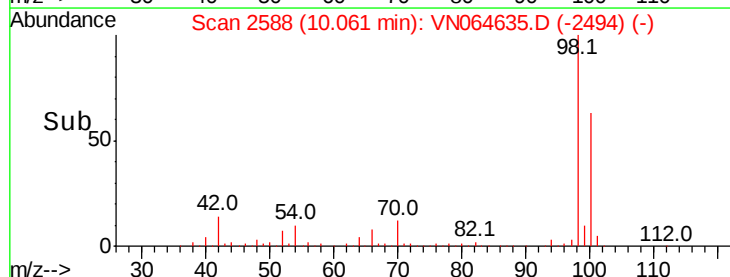
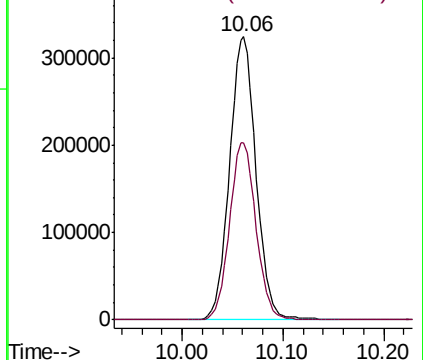
98 100

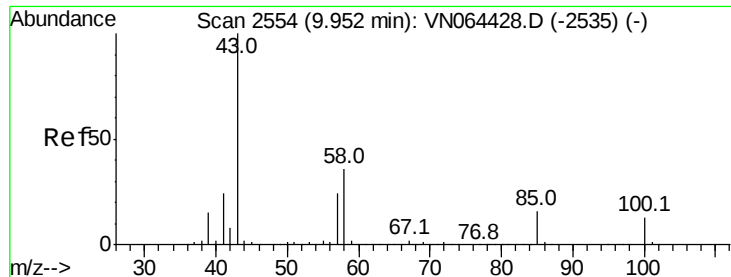
100 62.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN064428.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064428.D (-2571) (-)





#51

4-Methyl-2-Pentanone

Concen: 0.256 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN064635.D

Acq: 13 Nov 2020 17:09

Instrument :

MSVOA_N

ClientSampleId :

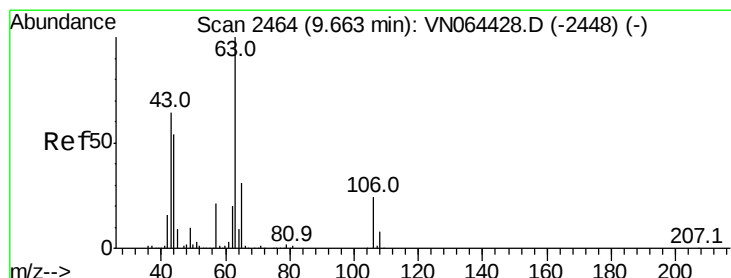
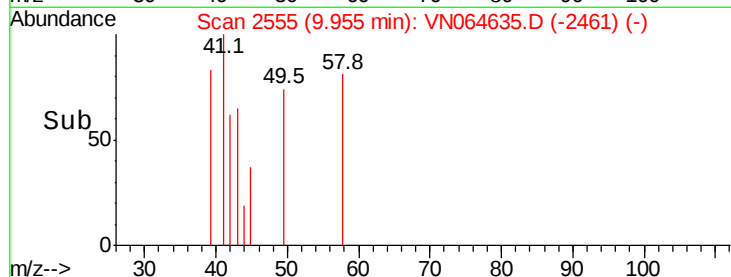
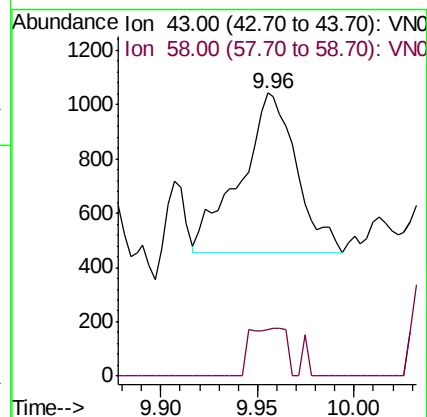
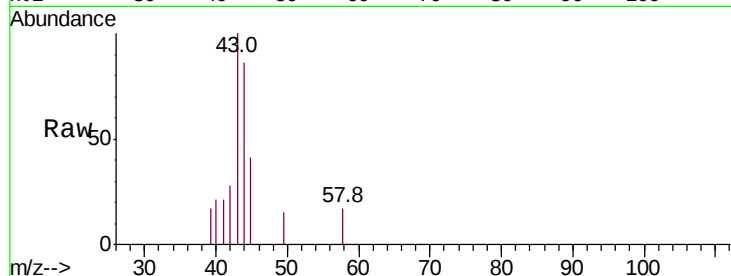
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 43 Resp: 1187

Ion Ratio Lower Upper

43 100

58 19.5 28.4 42.6#



#58

2-Chloroethyl Vinyl ether

Concen: 21.573 ug/l

RT: 9.69 min Scan# 2472

Delta R.T. 0.03 min

Lab File: VN064635.D

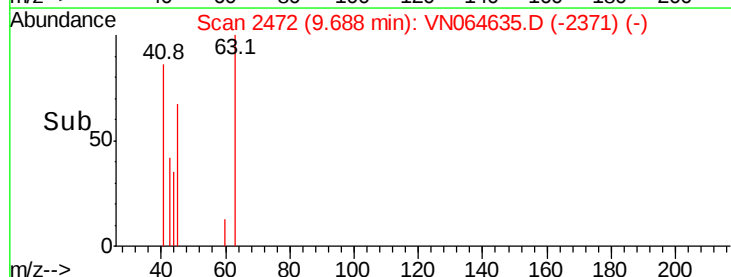
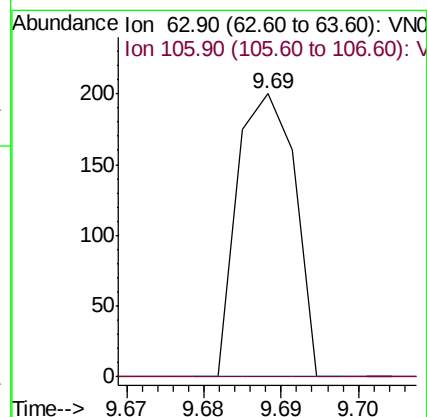
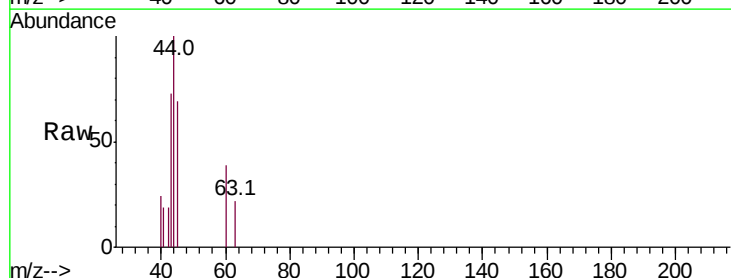
Acq: 13 Nov 2020 17:09

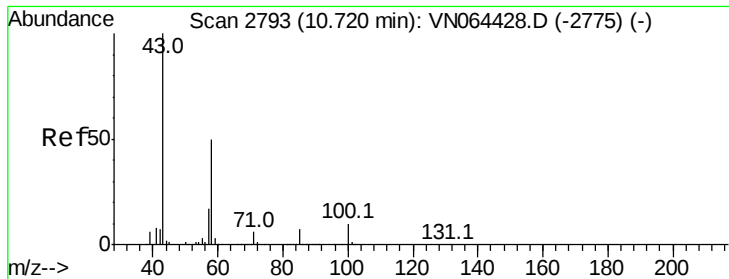
Tgt Ion: 63 Resp: 103

Ion Ratio Lower Upper

63 100

106 0.0 19.5 29.3#

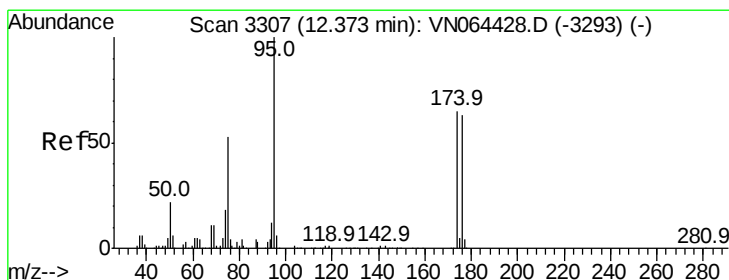
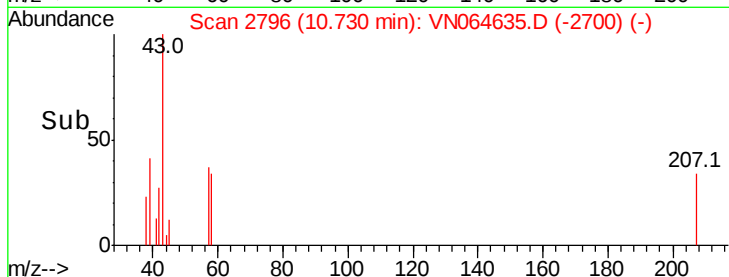
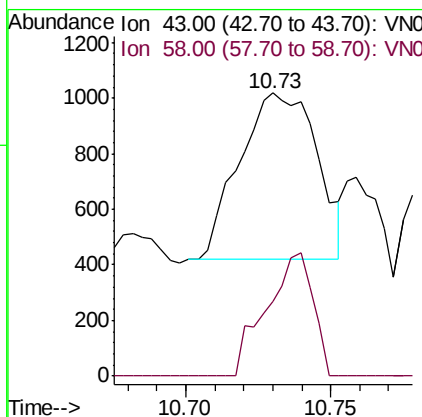
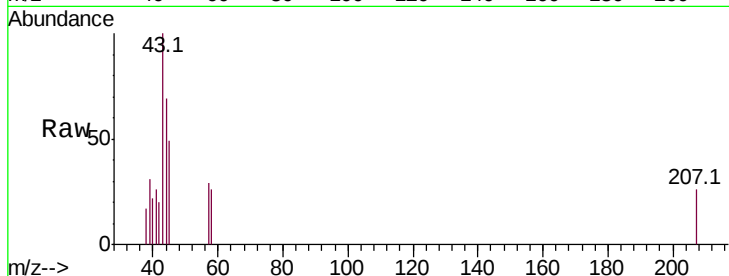




#59
2-Hexanone
Concen: 4.317 ug/l
RT: 10.73 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN064635.D
Acq: 13 Nov 2020 17:09

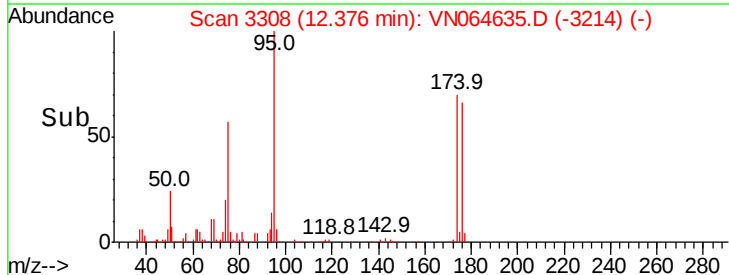
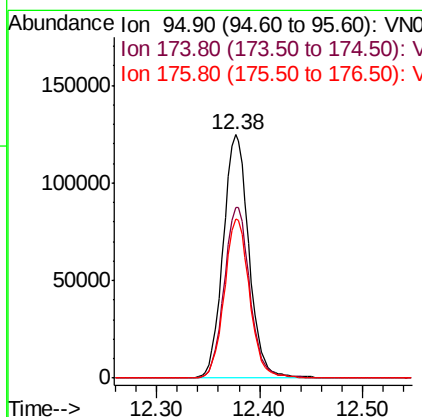
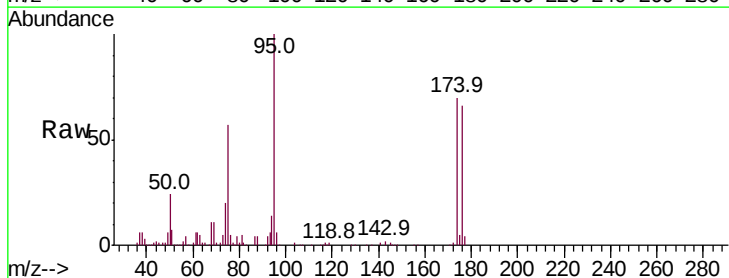
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

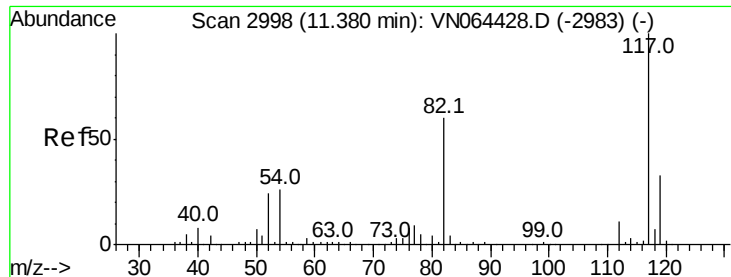
Tot Ion: 43 Resp: 1110
Ion Ratio Lower Upper
43 100
58 44.4 24.7 74.1



#62
4-Bromofluorobenzene
Concen: 47.060 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064635.D
Acq: 13 Nov 2020 17:09

Tgt Ion: 95 Resp: 217361
Ion Ratio Lower Upper
95 100
174 69.9 0.0 132.6
176 64.2 0.0 129.2

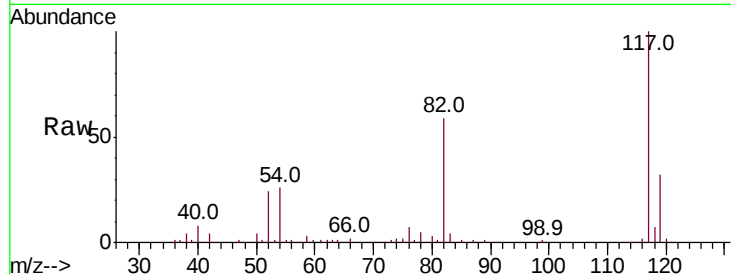




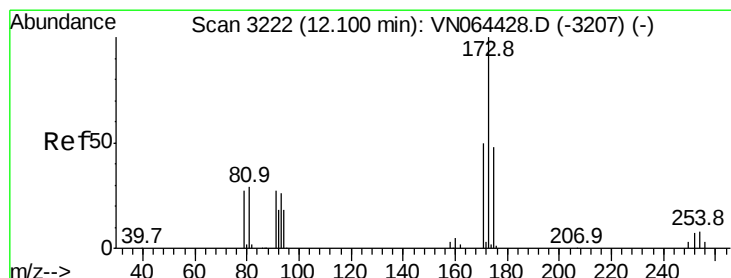
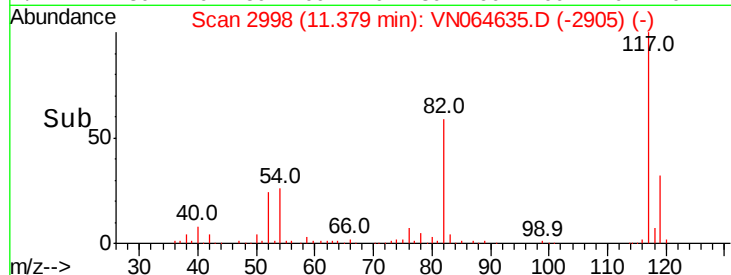
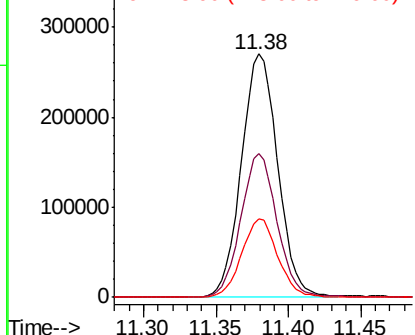
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064635.D
Acq: 13 Nov 2020 17:09

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

Tot Ion:117 Resp: 473432
Ion Ratio Lower Upper
117 100
82 59.3 48.1 72.1
119 32.3 26.2 39.4

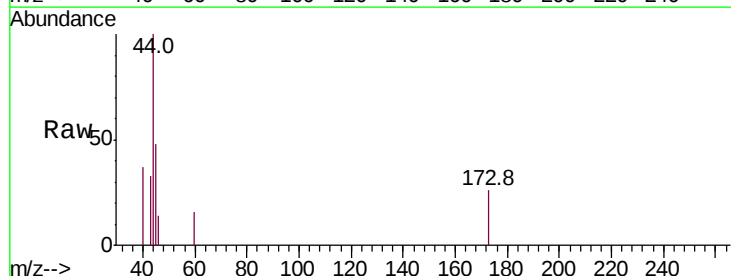


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

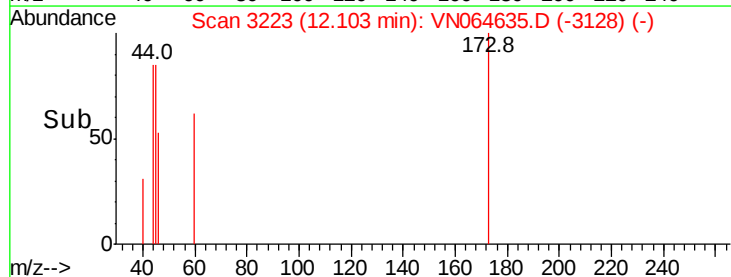
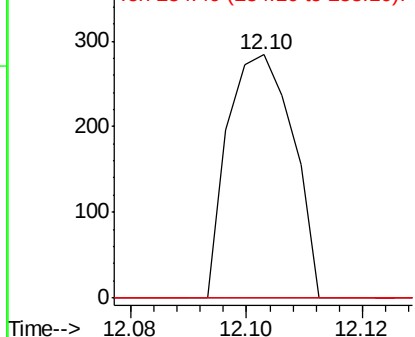


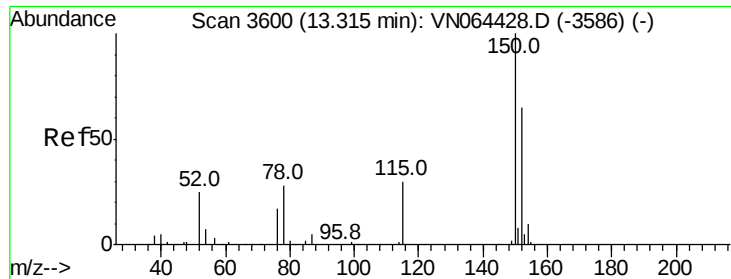
#71
Bromoform
Concen: 1.349 ug/l
RT: 12.10 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN064635.D
Acq: 13 Nov 2020 17:09

Tgt Ion:173 Resp: 221
Ion Ratio Lower Upper
173 100
175 0.0 23.7 71.1#
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064635.D

Acq: 13 Nov 2020 17:09

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

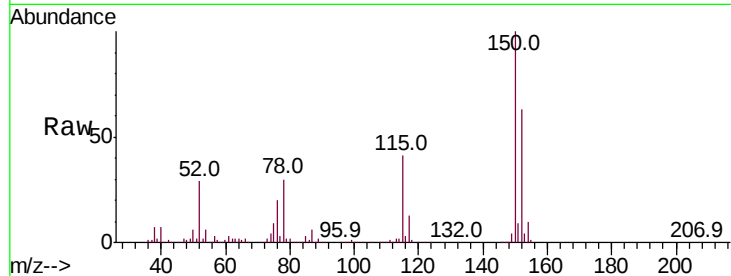
Tot Ion:152 Resp: 170580

Ion Ratio Lower Upper

152 100

115 65.8 32.0 96.0

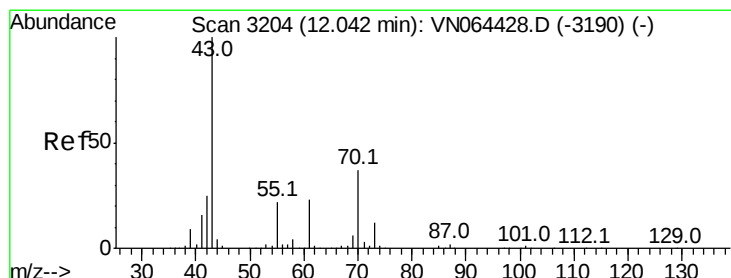
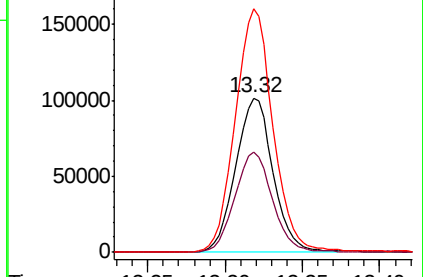
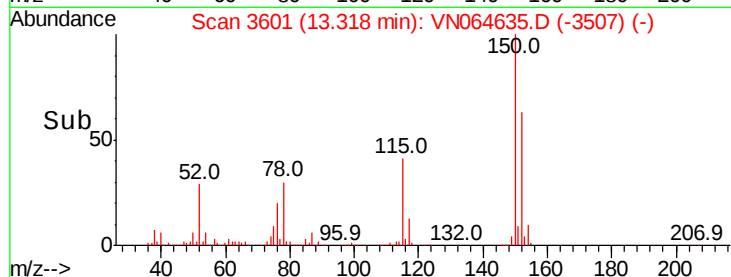
150 159.3 0.0 353.8



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: 1.237 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064635.D

Acq: 13 Nov 2020 17:09

Tgt Ion: 43 Resp: 155

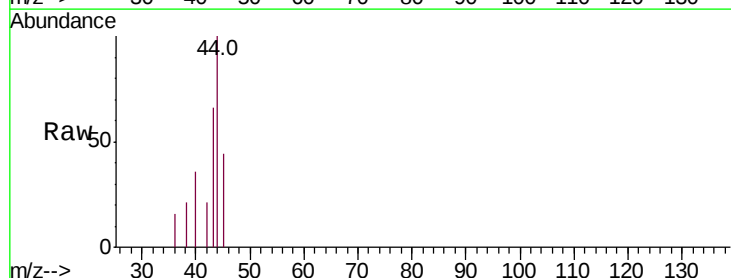
Ion Ratio Lower Upper

43 100

70 0.0 29.6 44.4#

55 0.0 18.4 27.6#

61 0.0 17.8 26.6#

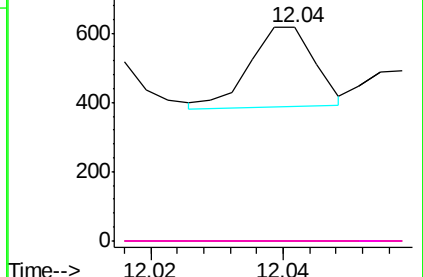
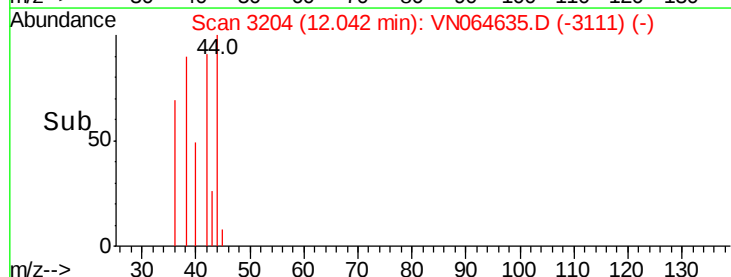


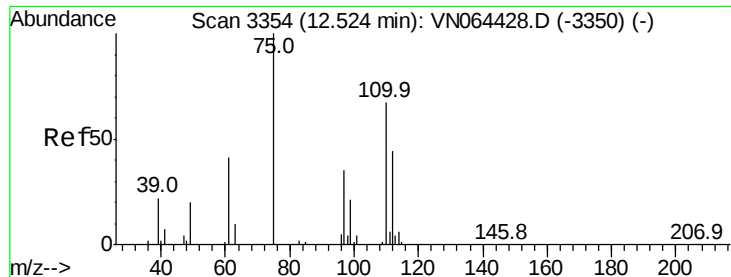
Abundance Ion 43.00 (42.70 to 43.70): V

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: 29.229 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064635.D

Acq: 13 Nov 2020 17:09

Instrument :

MSVOA_N

ClientSampleId :

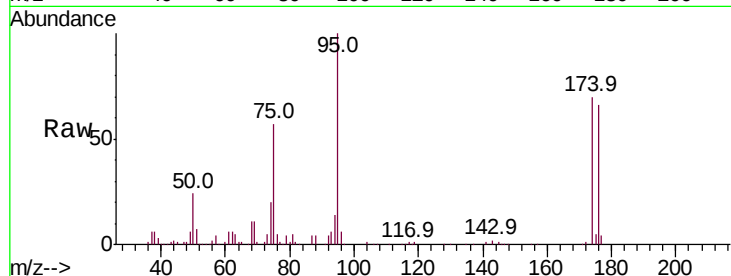
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 75 Resp: 120803

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.38

80000

60000

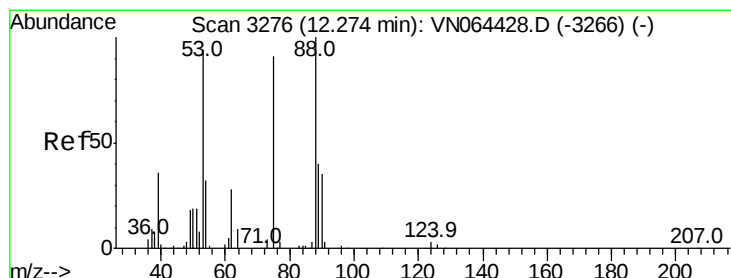
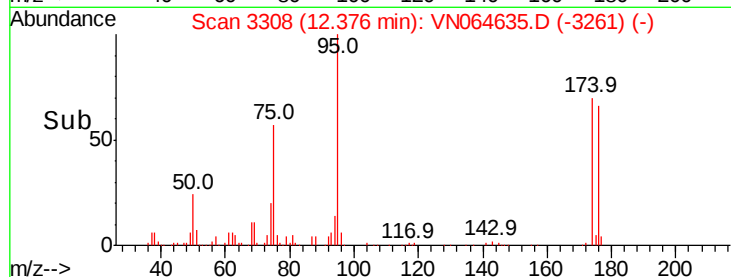
40000

20000

0

Time-->

12.30 12.40



#81

trans-1,4-Dichloro-2-butene

Concen: 81.610 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064635.D

Acq: 13 Nov 2020 17:09

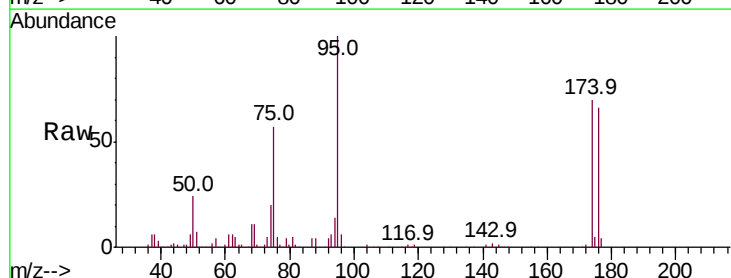
Tgt Ion: 75 Resp: 120803

Ion Ratio Lower Upper

75 100

53 0.5 84.0 126.0#

89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

100000

80000

60000

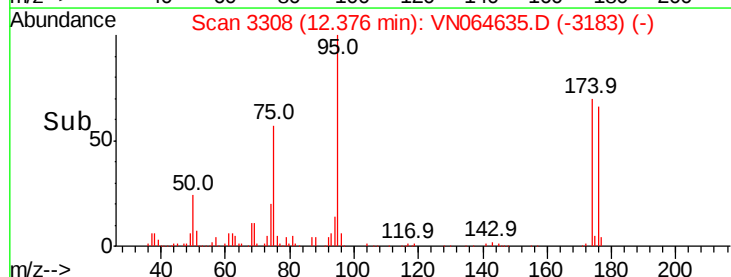
40000

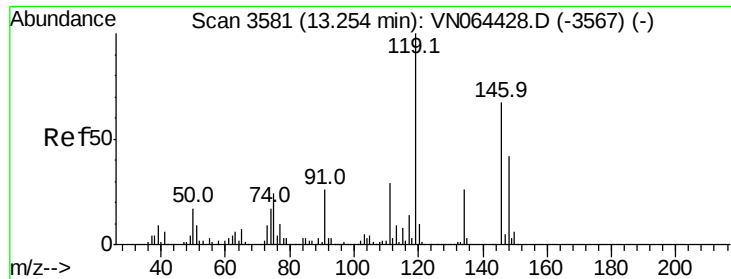
20000

0

Time-->

12.30 12.40





#87

1,3-Dichlorobenzene

Concen: 0.231 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. 0.01 min

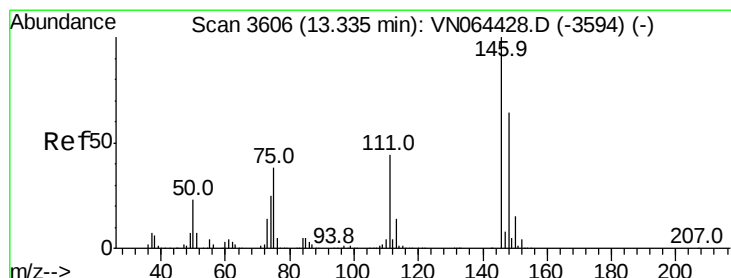
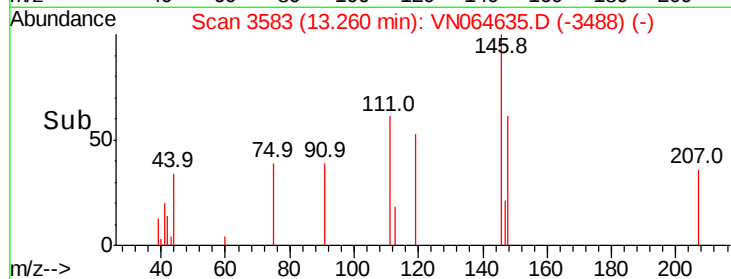
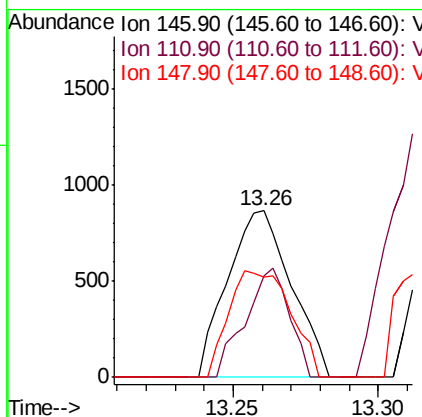
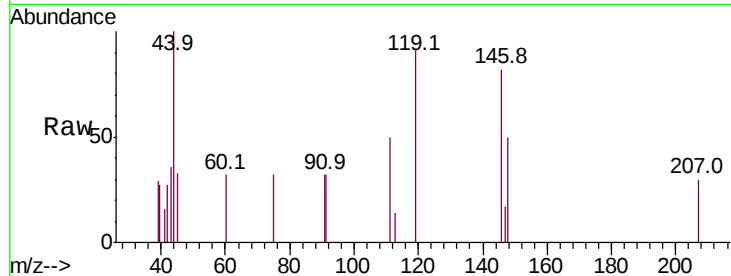
Lab File: VN064635.D

Acq: 13 Nov 2020 17:09

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

Tot Ion:146 Resp: 1323

Ion	Ratio	Lower	Upper
146	100		
111	45.0	22.1	66.1
148	62.1	31.7	95.1



#88

1,4-Dichlorobenzene

Concen: 0.224 ug/l

RT: 13.26 min Scan# 3583

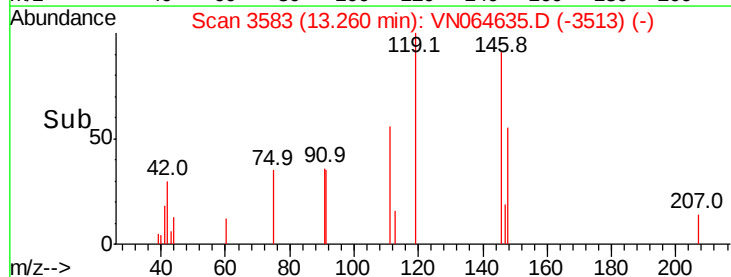
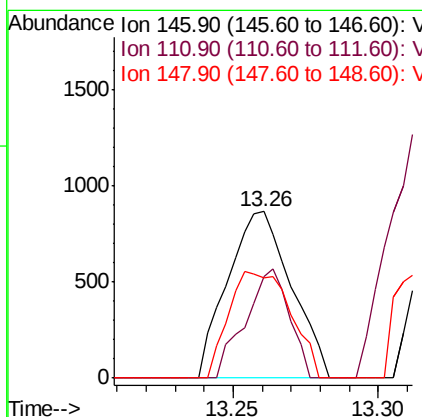
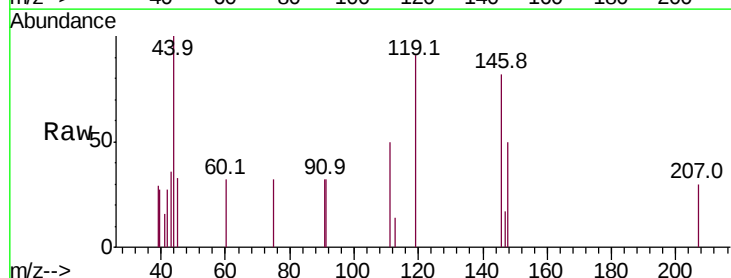
Delta R.T. -0.07 min

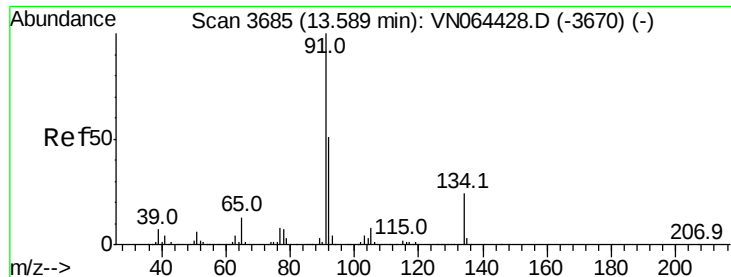
Lab File: VN064635.D

Acq: 13 Nov 2020 17:09

Tgt Ion:146 Resp: 1323

Ion	Ratio	Lower	Upper
146	100		
111	45.0	21.8	65.3
148	62.1	32.4	97.2

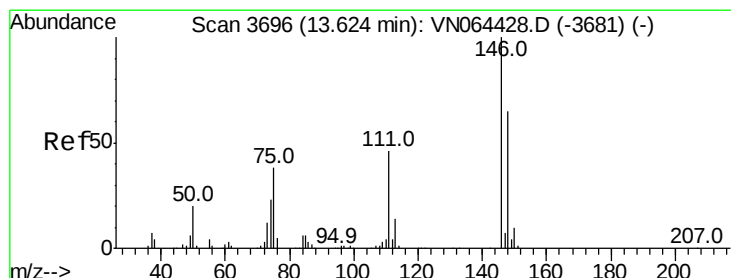
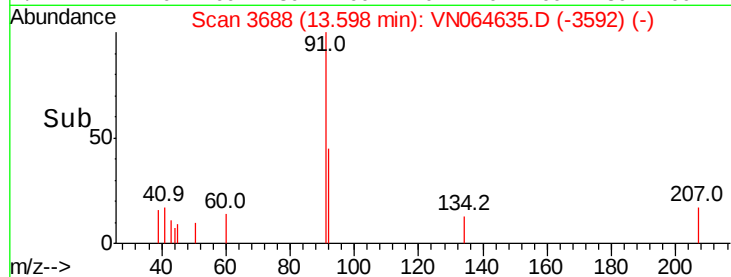
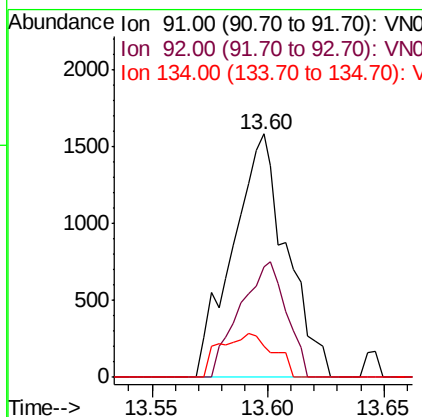
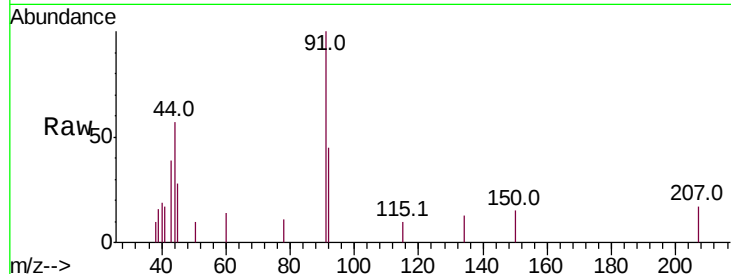




#89
n-Butylbenzene
Concen: 0.300 ug/l
RT: 13.60 min Scan# 3688
Delta R.T. 0.01 min
Lab File: VN064635.D
Acq: 13 Nov 2020 17:09

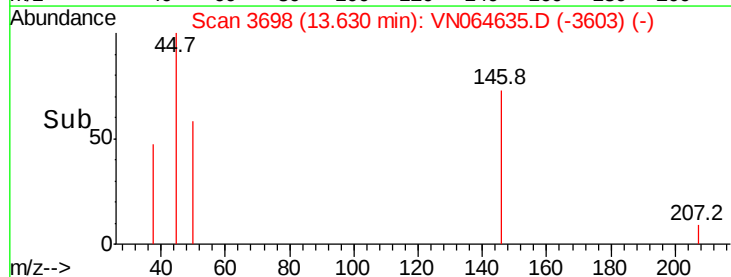
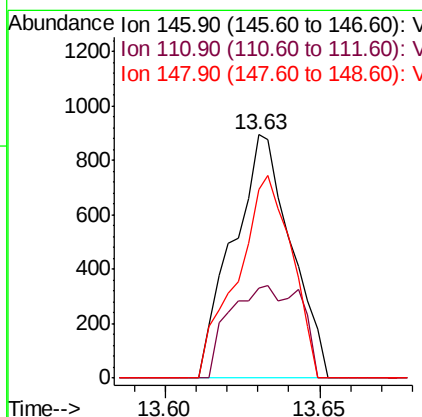
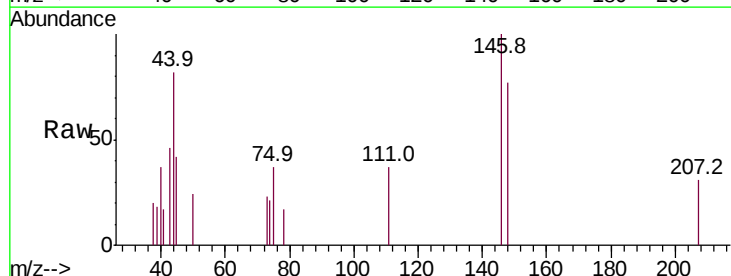
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

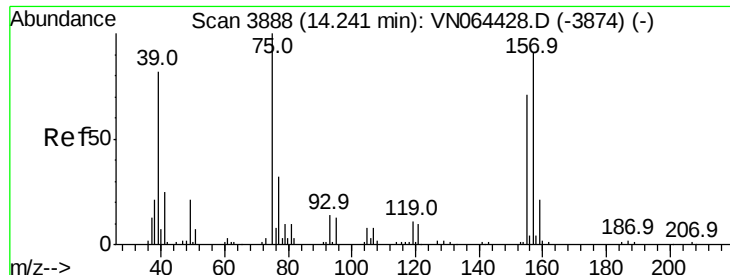
Tot Ion: 91 Resp: 2564
Ion Ratio Lower Upper
91 100
92 40.9 25.3 75.9
134 17.7 11.8 35.4



#91
1,2-Dichlorobenzene
Concen: 0.213 ug/l
RT: 13.63 min Scan# 3698
Delta R.T. 0.01 min
Lab File: VN064635.D
Acq: 13 Nov 2020 17:09

Tgt Ion: 146 Resp: 1173
Ion Ratio Lower Upper
146 100
111 46.5 22.9 68.7
148 78.2 32.0 96.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.351 ug/l

RT: 14.25 min Scan# 3890

Delta R.T. 0.01 min

Lab File: VN064635.D

Acq: 13 Nov 2020 17:09

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

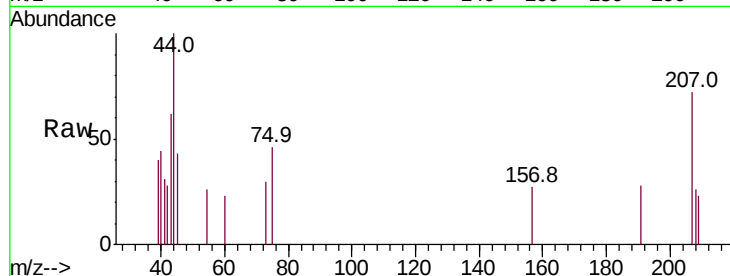
Tot Ion: 75 Resp: 291

Ion Ratio Lower Upper

75 100

155 10.3 34.6 103.9#

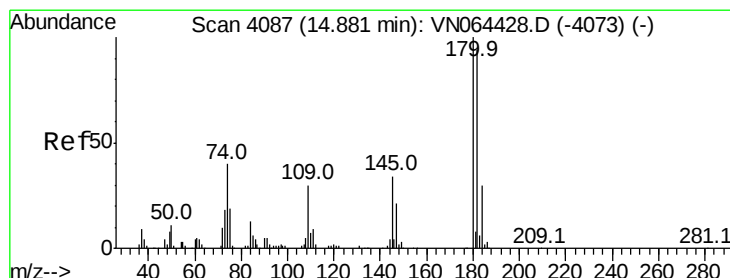
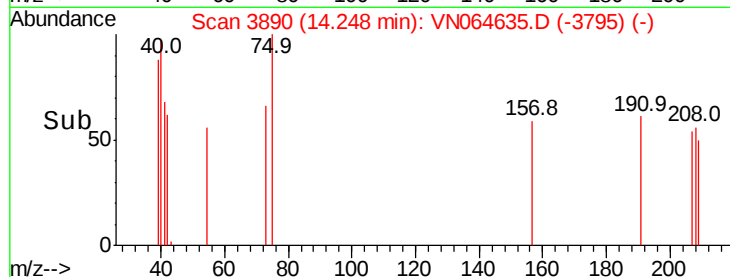
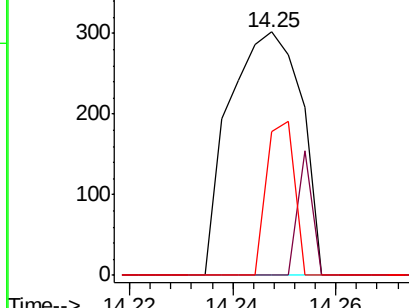
157 24.4 43.0 128.8#



Abundance Ion 74.90 (74.60 to 75.60): VN064428.D (-3874) (-)

Ion 154.80 (154.50 to 155.50): VN064428.D (-3874) (-)

Ion 156.80 (156.50 to 157.50): VN064428.D (-3874) (-)



#93

1,2,4-Trichlorobenzene

Concen: 3.145 ug/l

RT: 14.89 min Scan# 4089

Delta R.T. 0.01 min

Lab File: VN064635.D

Acq: 13 Nov 2020 17:09

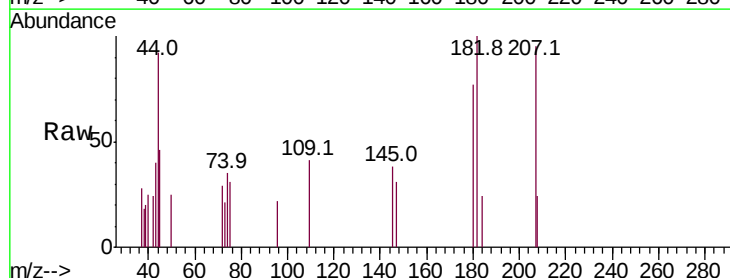
Tgt Ion: 180 Resp: 1391

Ion Ratio Lower Upper

180 100

182 111.6 47.3 142.0

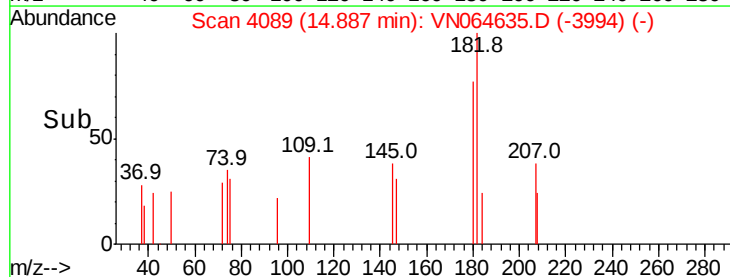
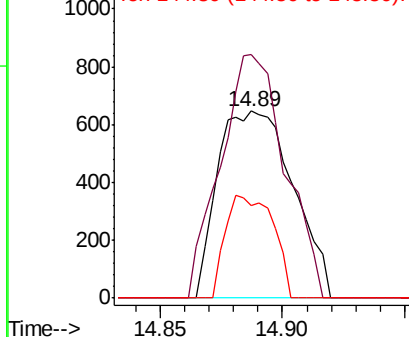
145 34.6 16.7 50.1

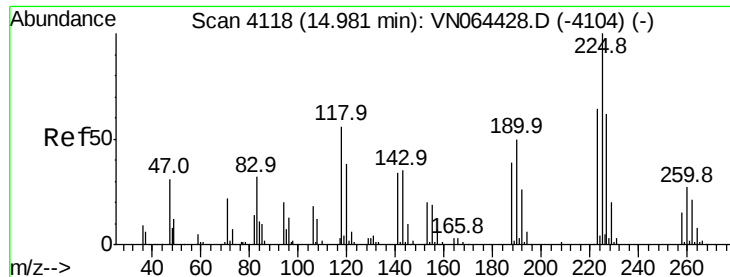


Abundance Ion 179.80 (179.50 to 180.50): VN064428.D (-4073) (-)

Ion 181.80 (181.50 to 182.50): VN064428.D (-4073) (-)

Ion 144.80 (144.50 to 145.50): VN064428.D (-4073) (-)





#94

Hexachlorobutadiene

Concen: 1.251 ug/l

RT: 14.98 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VN064635.D

Acq: 13 Nov 2020 17:09

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

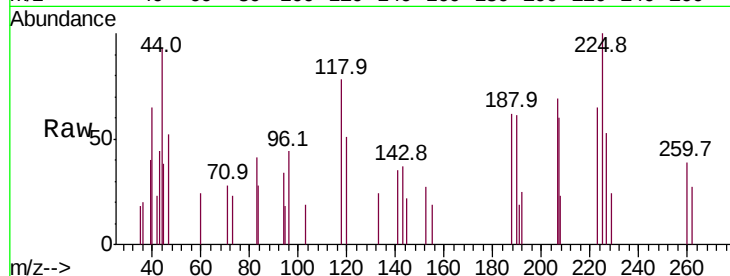
Tot Ion:225 Resp: 1402

Ion Ratio Lower Upper

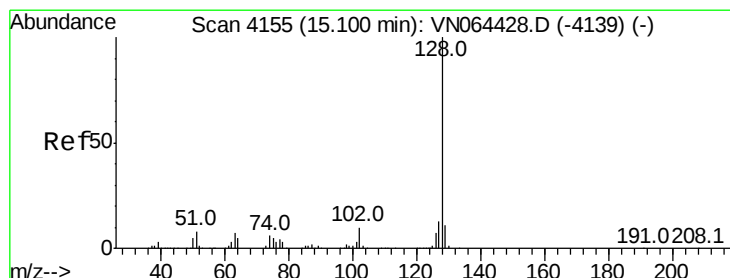
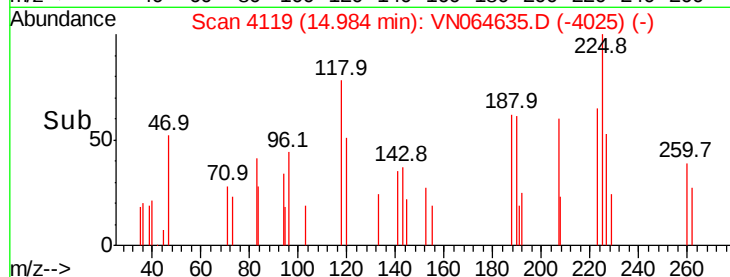
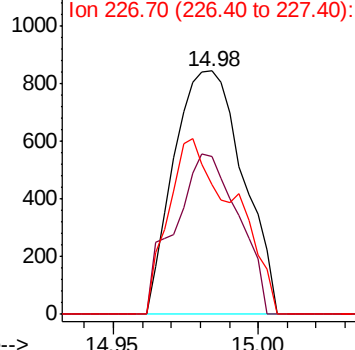
225 100

223 61.0 31.8 95.4

227 68.8 31.8 95.4



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



#95

Naphthalene

Concen: 4.156 ug/l

RT: 15.11 min Scan# 4158

Delta R.T. 0.01 min

Lab File: VN064635.D

Acq: 13 Nov 2020 17:09

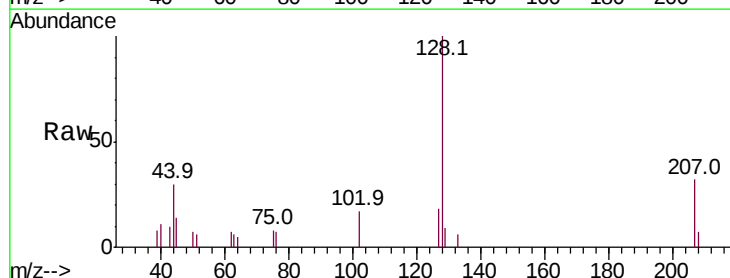
Tgt Ion:128 Resp: 5380

Ion Ratio Lower Upper

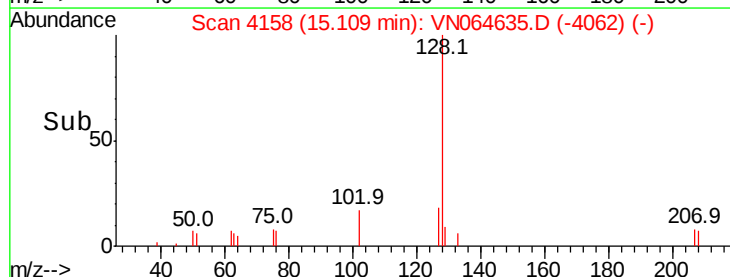
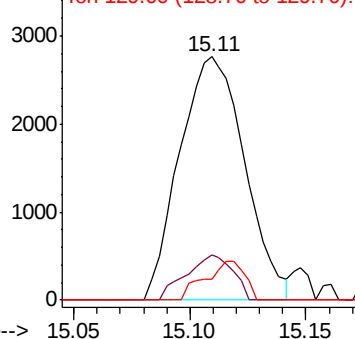
128 100

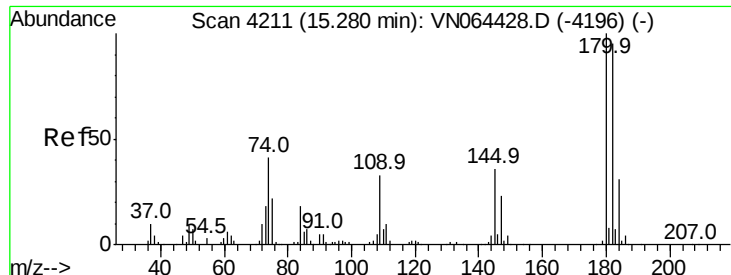
127 13.4 10.5 15.7

129 9.7 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

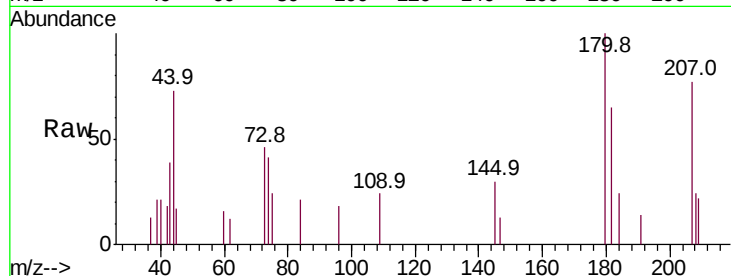




#96
 1,2,3-Trichlorobenzene
 Concen: 3.538 ug/l
 RT: 15.29 min Scan# 4214
 Delta R.T. 0.01 min
 Lab File: VN064635.D
 Acq: 13 Nov 2020 17:09

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

Tot Ion:180 Resp: 2138
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.7 143.1
 145 33.0 18.3 54.8



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

