

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050322\
 Data File : VN072315.D
 Acq On : 03 May 2022 19:45
 Operator : JC\MD
 Sample : N2619-24
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-EQUIPMENT-RINSE

Quant Time: May 04 05:15:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

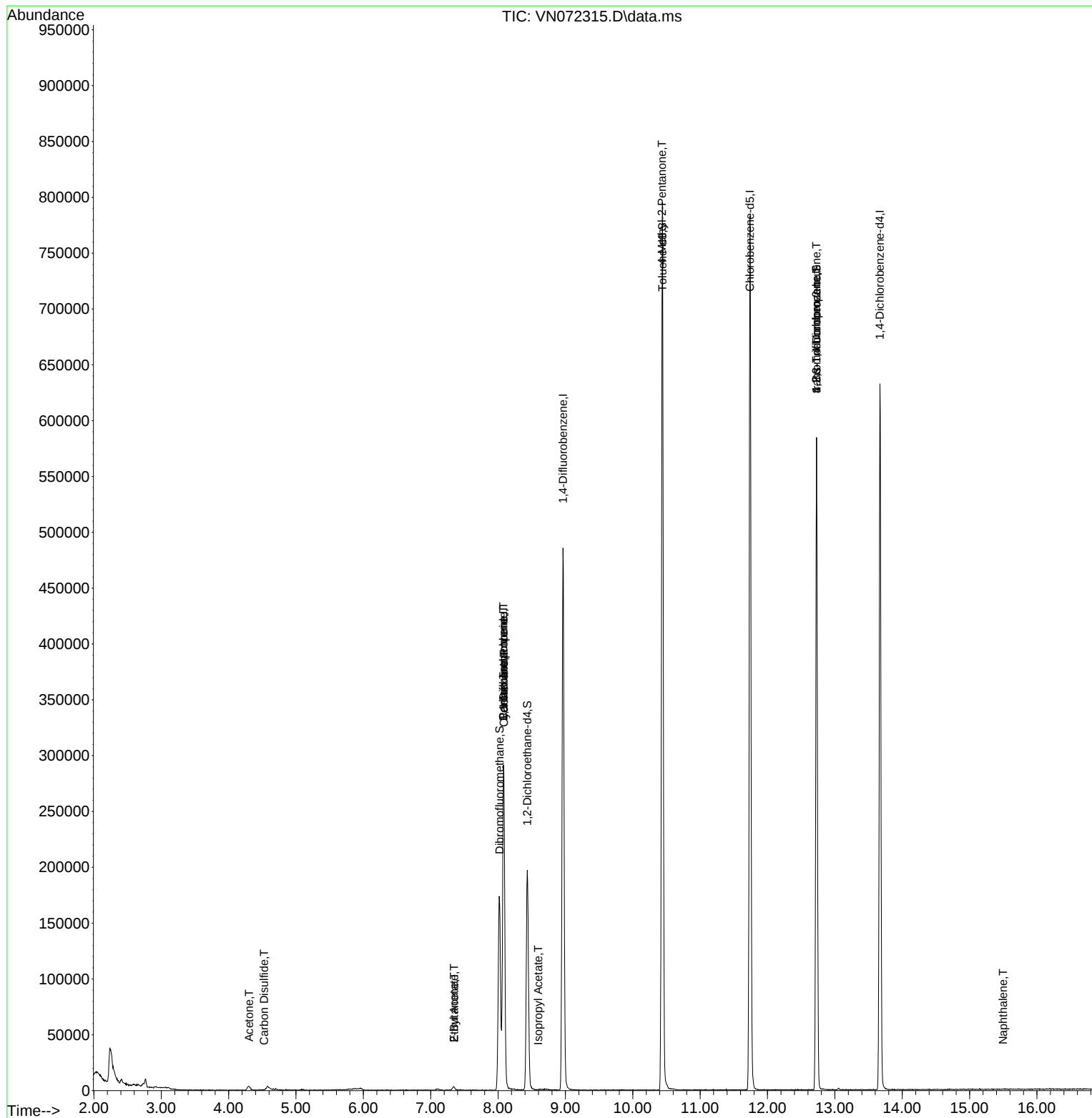
Internal Standards						
1) Pentafluorobenzene	8.081	168	207066	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	405903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	433410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	163118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	168973	53.154	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.300%	
35) Dibromofluoromethane	8.022	113	129873	49.989	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.980%	
50) Toluene-d8	10.439	98	528041	51.725	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.460%	
62) 4-Bromofluorobenzene	12.727	95	195141	57.590	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 115.180%	
Target Compounds						Qvalue
3) Chloromethane	2.310	50	1205	Below Cal	#	43
5) Bromomethane	2.852	94	97	Below Cal		94
6) Chloroethane	3.028	64	661	Below Cal	#	42
16) Acetone	4.304	43	7411	5.407	ug/l #	84
17) Carbon Disulfide	4.528	76	53	0.374	ug/l #	75
25) 2-Butanone	7.345	43	6453	2.956	ug/l #	84
31) Cyclohexane	8.087	56	5415	1.275	ug/l #	47
36) 1,1-Dichloropropene	8.081	75	17917	4.738	ug/l #	48
37) Ethyl Acetate	7.345	43	6453	1.285	ug/l #	67
38) Carbon Tetrachloride	8.081	117	23388	5.775	ug/l #	16
43) Isopropyl Acetate	8.598	43	123	0.816	ug/l #	53
51) 4-Methyl-2-Pentanone	10.433	43	2657	0.561	ug/l #	1
76) 1,2,3-Trichloropropane	12.727	75	107722	29.405	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	107722	76.359	ug/l #	10
95) Naphthalene	15.498	128	274	4.329	ug/l #	69

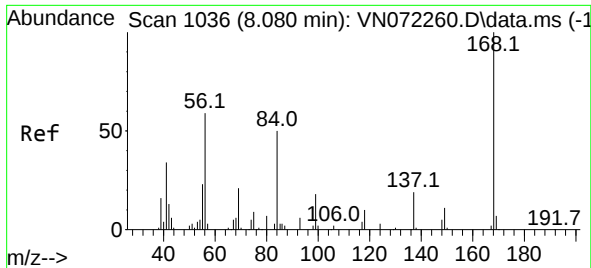
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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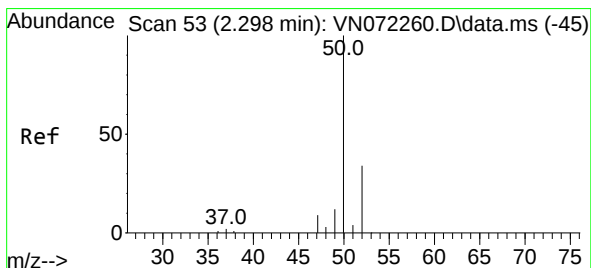
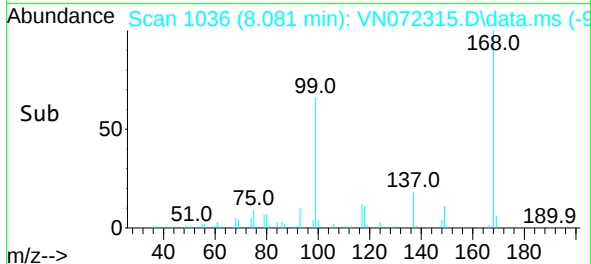
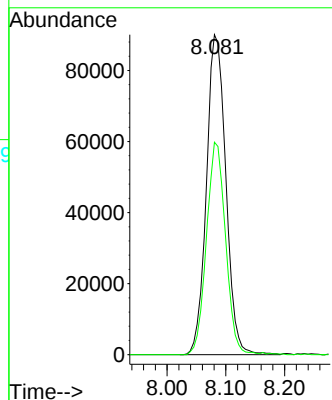
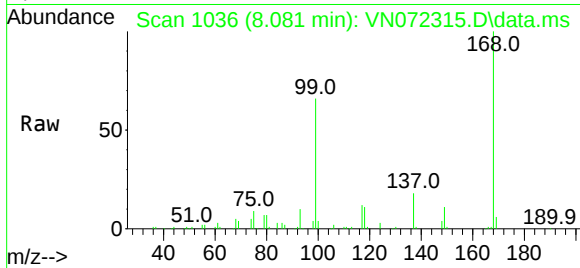




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072315.D
Acq: 03 May 2022 19:45

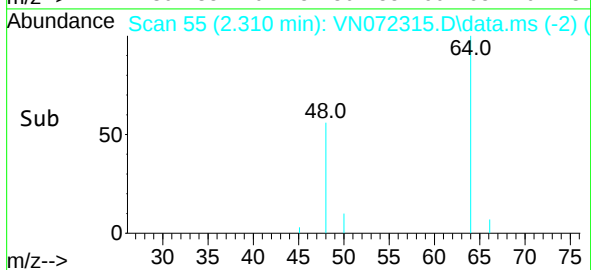
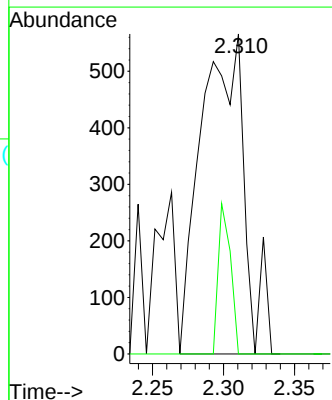
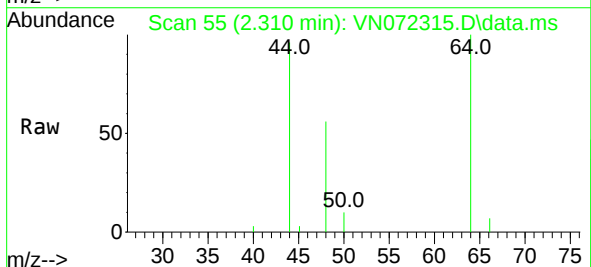
Instrument :
MSVOA_N
ClientSampleId :
SOIL-EQUIPMENT-RINSE

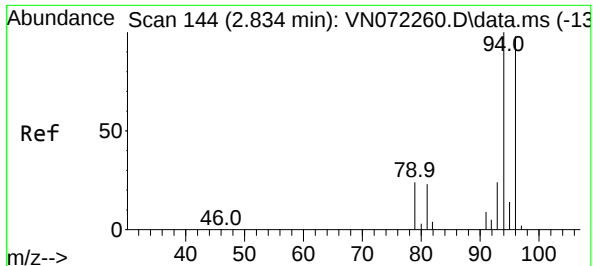
Tgt Ion:168 Resp: 207066
Ion Ratio Lower Upper
168 100
99 66.4 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.310 min Scan# 55
Delta R.T. 0.011 min
Lab File: VN072315.D
Acq: 03 May 2022 19:45

Tgt Ion: 50 Resp: 1205
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

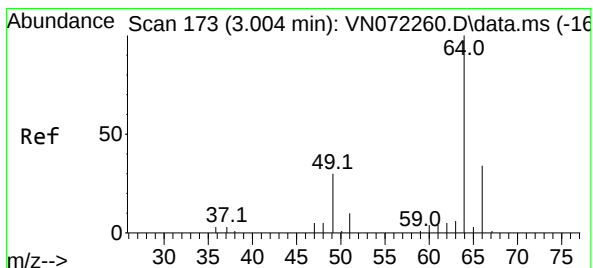
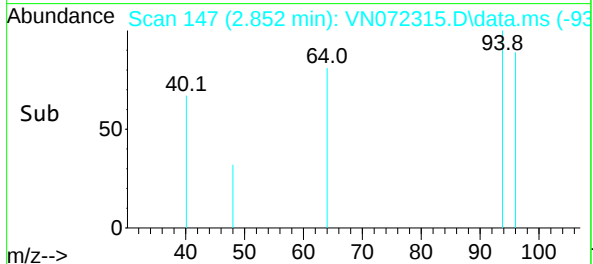
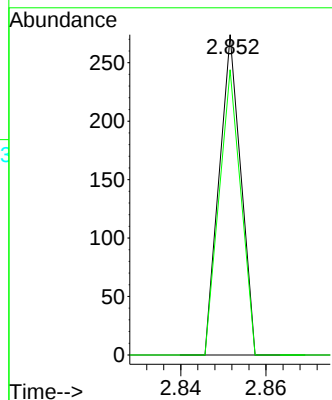
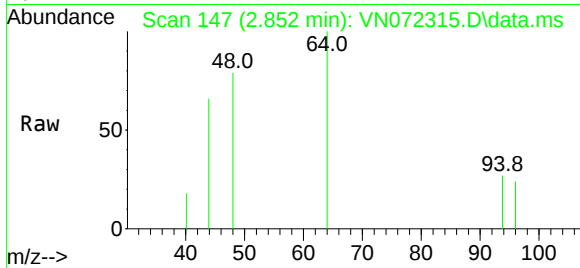




#5
Bromomethane
Concen: Below Cal
RT: 2.852 min Scan# 144
Delta R.T. 0.018 min
Lab File: VN072315.D
Acq: 03 May 2022 19:45

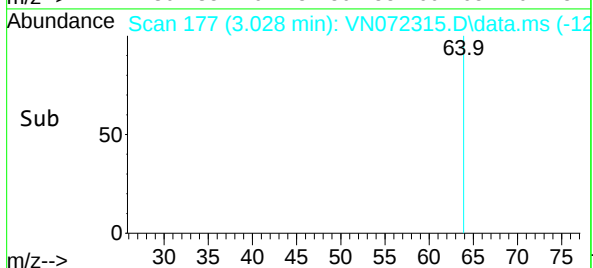
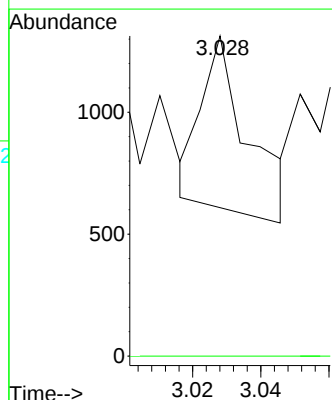
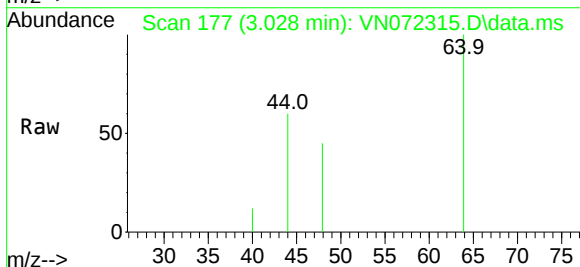
Instrument :
MSVOA_N
ClientSampleId :
SOIL-EQUIPMENT-RINSE

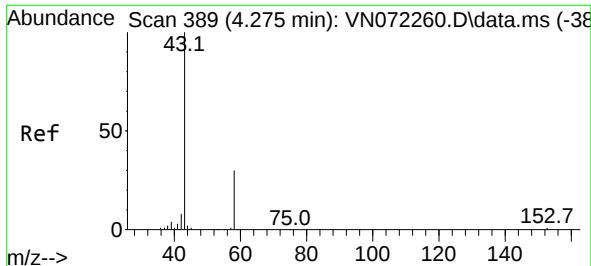
Tgt Ion: 94 Resp: 97
Ion Ratio Lower Upper
94 100
96 89.1 76.0 114.0



#6
Chloroethane
Concen: Below Cal
RT: 3.028 min Scan# 177
Delta R.T. 0.023 min
Lab File: VN072315.D
Acq: 03 May 2022 19:45

Tgt Ion: 64 Resp: 661
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

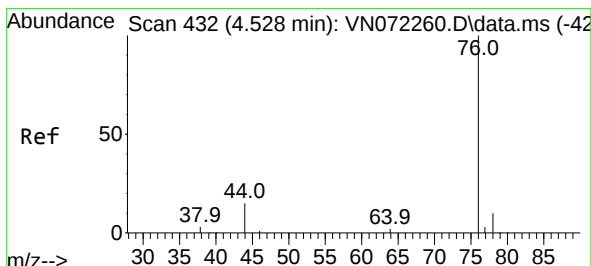
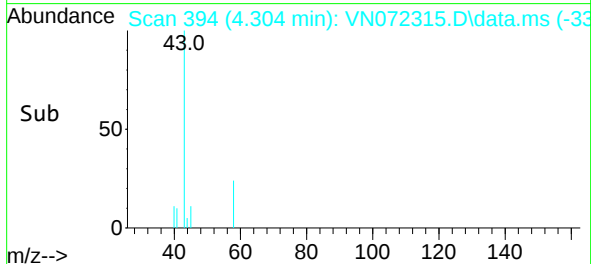
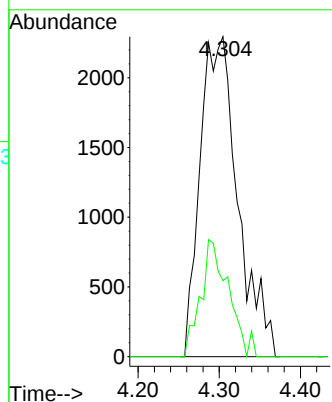
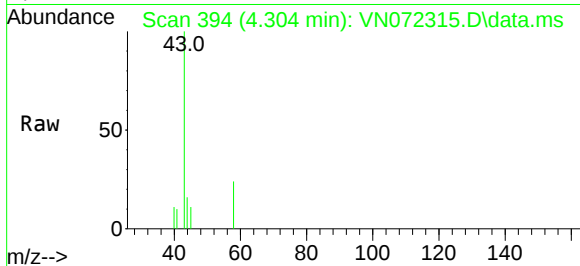




#16
Acetone
Concen: 5.407 ug/l
RT: 4.304 min Scan# 394
Delta R.T. 0.023 min
Lab File: VN072315.D
Acq: 03 May 2022 19:45

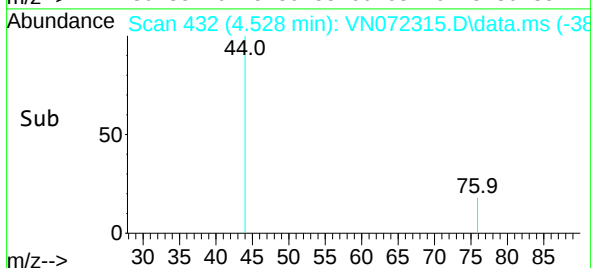
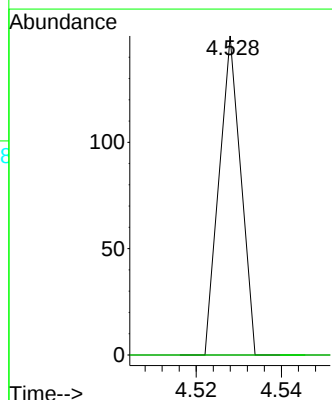
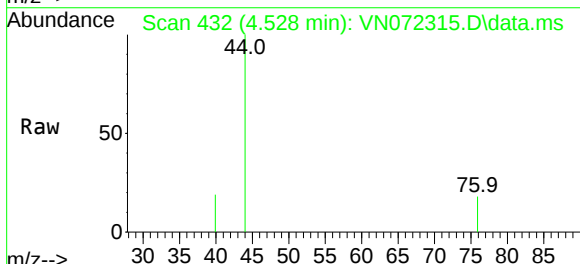
Instrument :
MSVOA_N
ClientSampleId :
SOIL-EQUIPMENT-RINSE

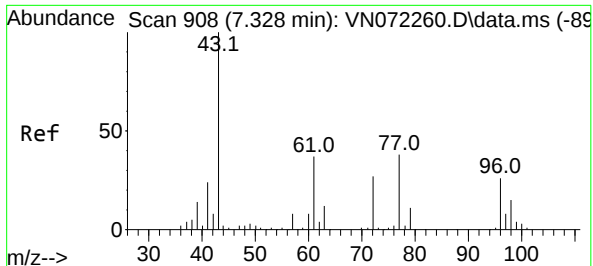
Tgt Ion: 43 Resp: 7411
Ion Ratio Lower Upper
43 100
58 23.7 26.0 39.0#



#17
Carbon Disulfide
Concen: 0.374 ug/l
RT: 4.528 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN072315.D
Acq: 03 May 2022 19:45

Tgt Ion: 76 Resp: 53
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#25

2-Butanone

Concen: 2.956 ug/l

RT: 7.345 min Scan# 911

Delta R.T. 0.017 min

Lab File: VN072315.D

Acq: 03 May 2022 19:45

Instrument :

MSVOA_N

ClientSampleId :

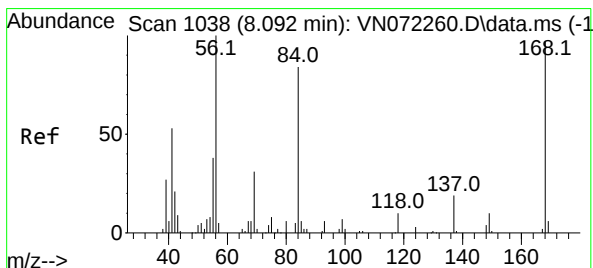
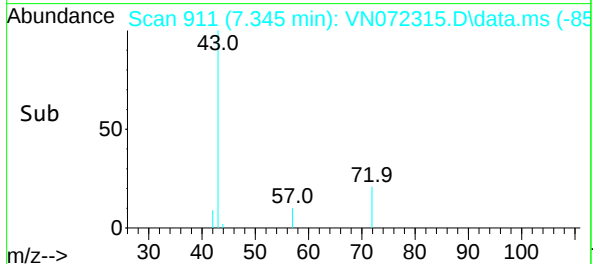
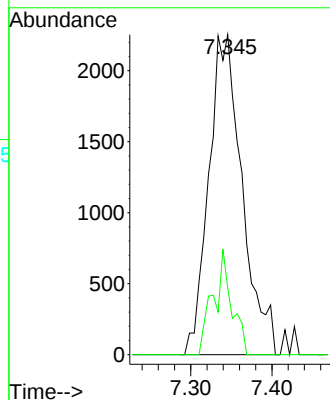
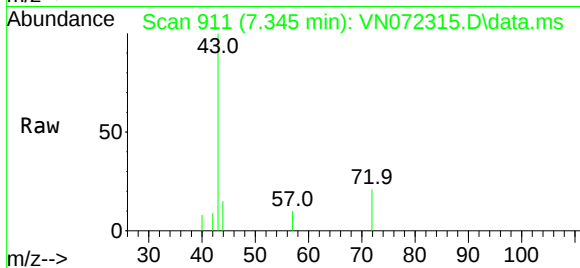
SOIL-EQUIPMENT-RINSE

Tgt Ion: 43 Resp: 6453

Ion Ratio Lower Upper

43 100

72 20.9 23.7 35.5#



#31

Cyclohexane

Concen: 1.275 ug/l

RT: 8.087 min Scan# 1037

Delta R.T. -0.005 min

Lab File: VN072315.D

Acq: 03 May 2022 19:45

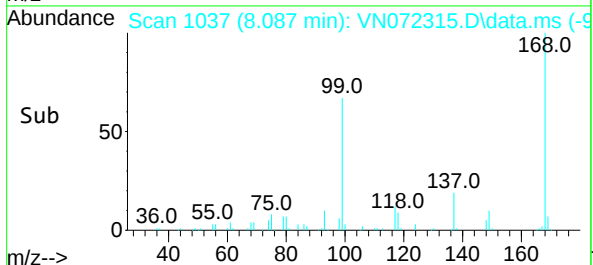
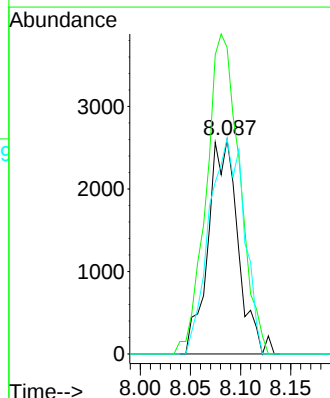
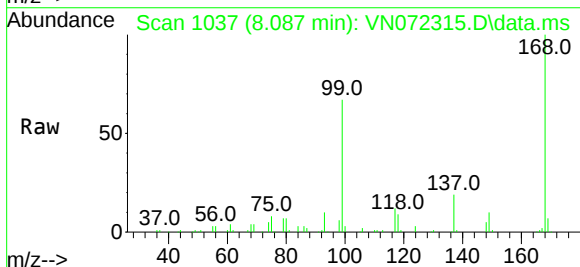
Tgt Ion: 56 Resp: 5415

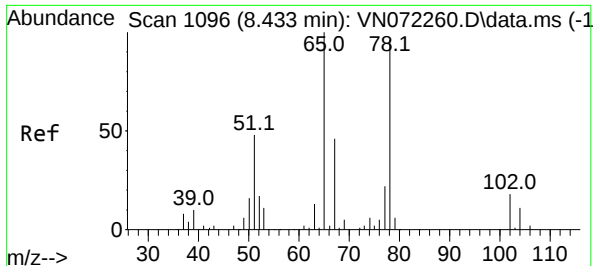
Ion Ratio Lower Upper

56 100

69 142.9 27.8 41.8#

84 100.2 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 53.154 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072315.D

Acq: 03 May 2022 19:45

Instrument :

MSVOA_N

ClientSampleId :

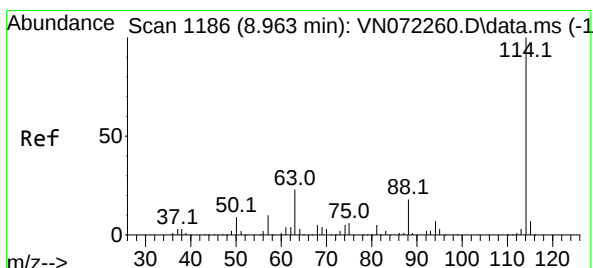
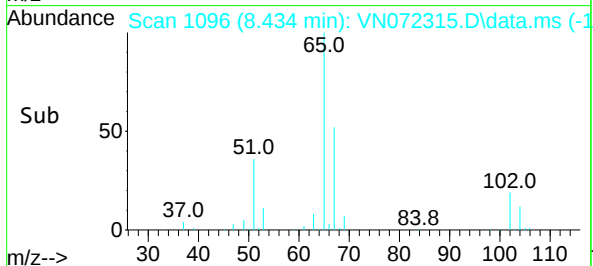
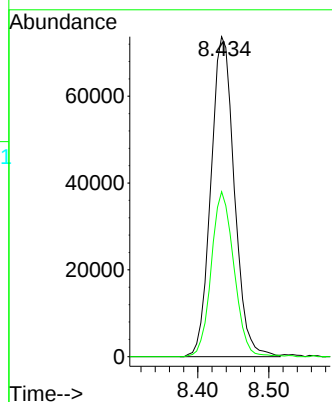
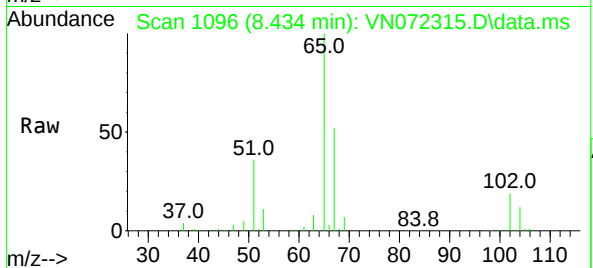
SOIL-EQUIPMENT-RINSE

Tgt Ion: 65 Resp: 168973

Ion Ratio Lower Upper

65 100

67 50.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072315.D

Acq: 03 May 2022 19:45

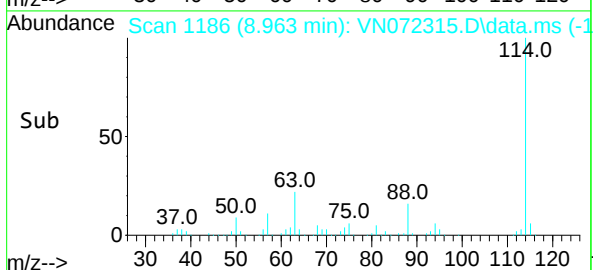
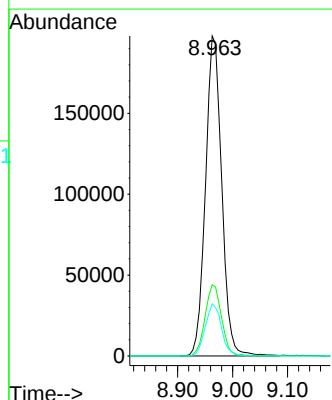
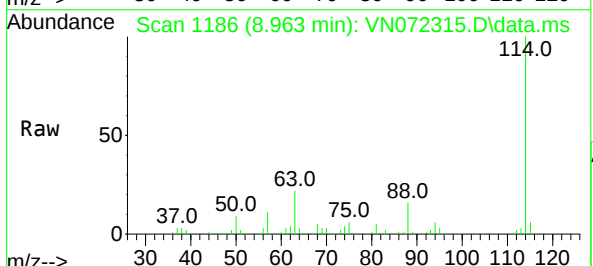
Tgt Ion: 114 Resp: 405903

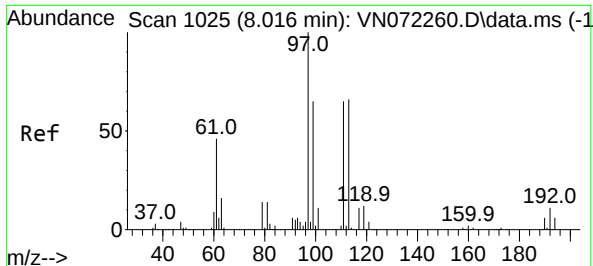
Ion Ratio Lower Upper

114 100

63 22.2 0.0 40.0

88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.989 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072315.D

Acq: 03 May 2022 19:45

Instrument :

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SOIL-EQUIPMENT-RINSE

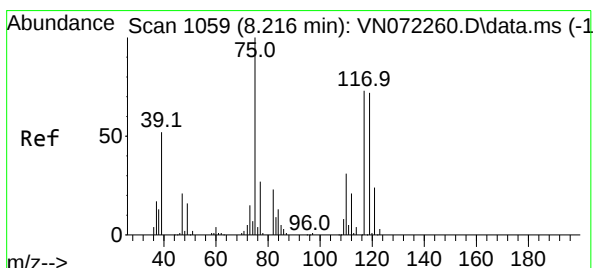
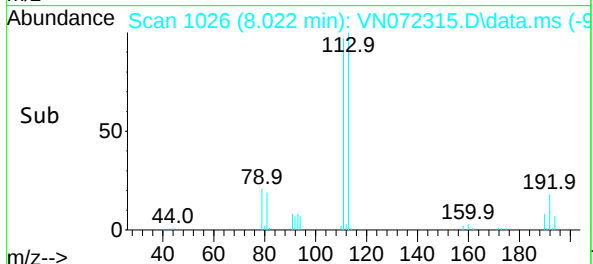
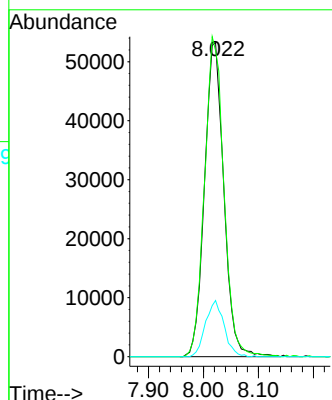
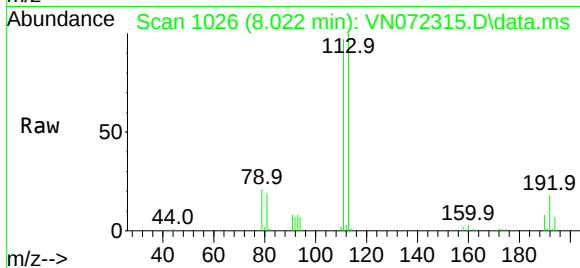
Tgt Ion:113 Resp: 129873

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 17.3 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.738 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072315.D

Acq: 03 May 2022 19:45

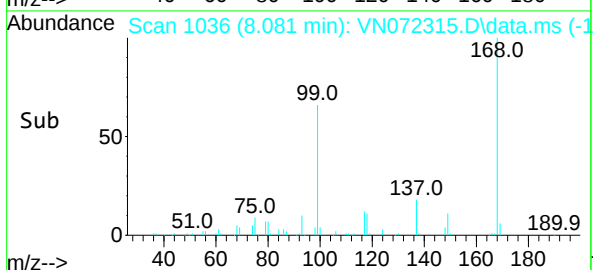
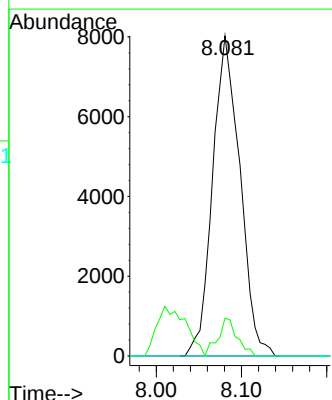
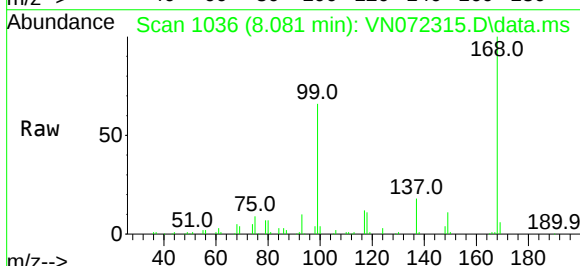
Tgt Ion: 75 Resp: 17917

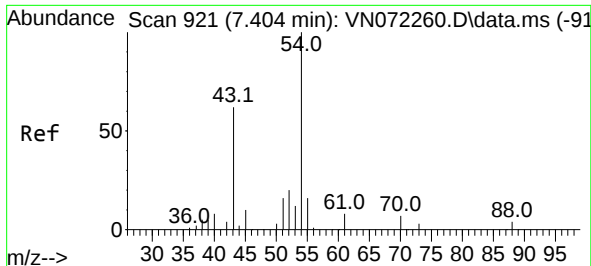
Ion Ratio Lower Upper

75 100

110 8.3 18.3 54.8#

77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 1.285 ug/l

RT: 7.345 min Scan# 91

Delta R.T. -0.065 min

Lab File: VN072315.D

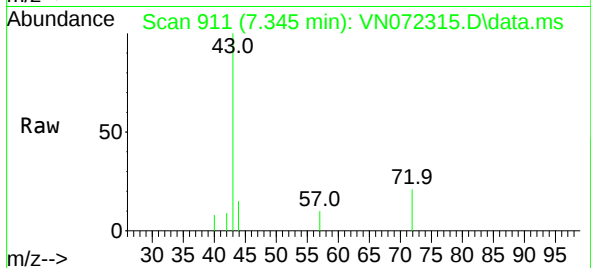
Acq: 03 May 2022 19:45

Instrument :

MSVOA_N

ClientSampleId :

SOIL-EQUIPMENT-RINSE



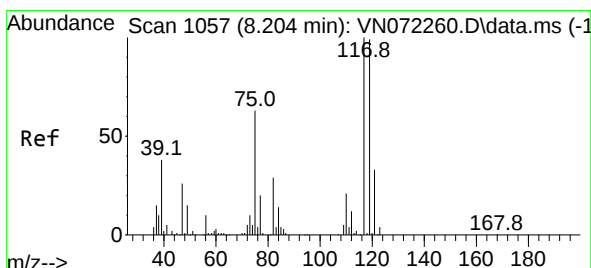
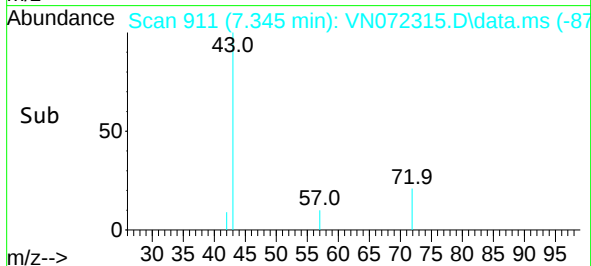
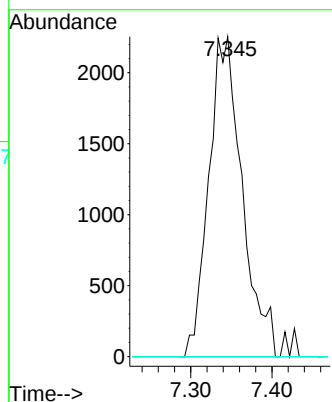
Tgt Ion: 43 Resp: 6453

Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

70 0.0 9.3 13.9#



#38

Carbon Tetrachloride

Concen: 5.775 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.123 min

Lab File: VN072315.D

Acq: 03 May 2022 19:45

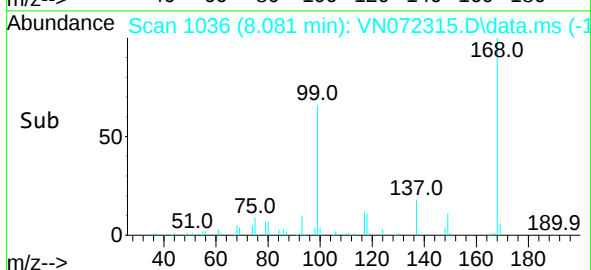
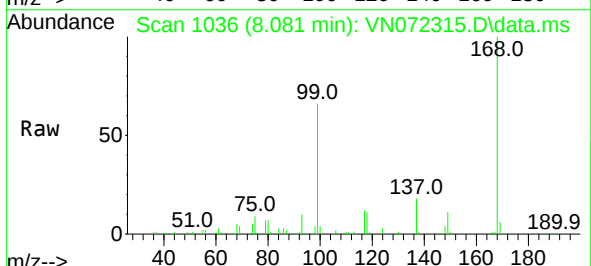
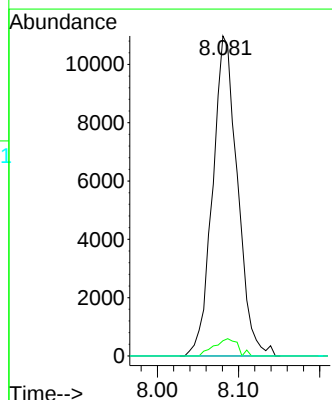
Tgt Ion: 117 Resp: 23388

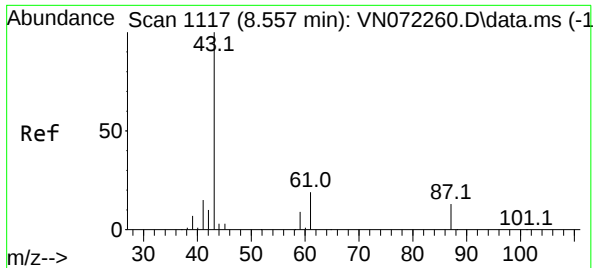
Ion Ratio Lower Upper

117 100

119 4.8 75.8 113.8#

121 0.0 24.6 37.0#

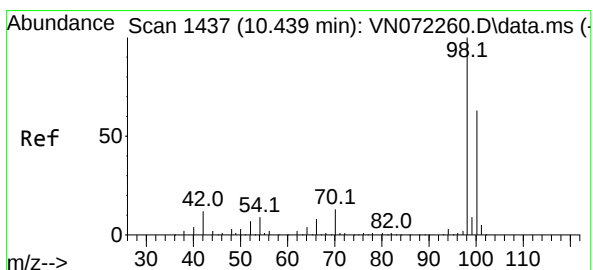
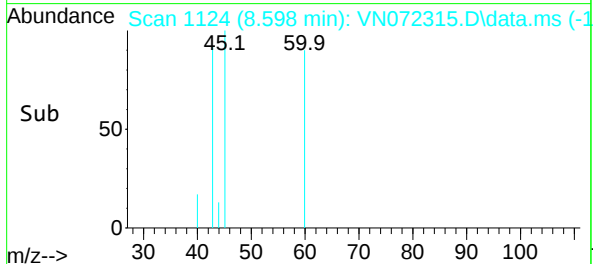
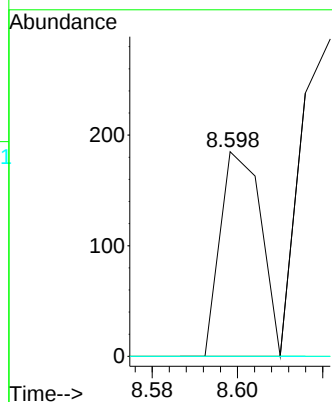
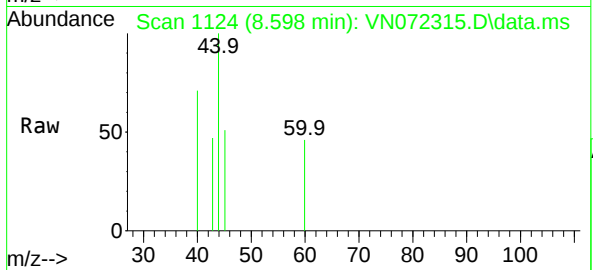




#43
Isopropyl Acetate
Concen: 0.816 ug/l
RT: 8.598 min Scan# 1117
Delta R.T. 0.041 min
Lab File: VN072315.D
Acq: 03 May 2022 19:45

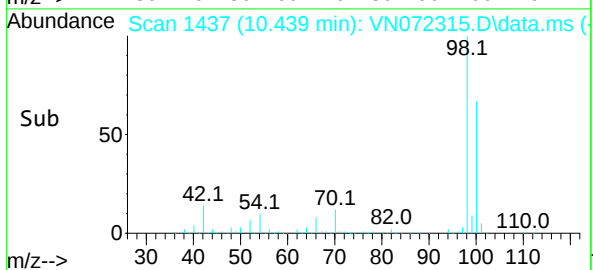
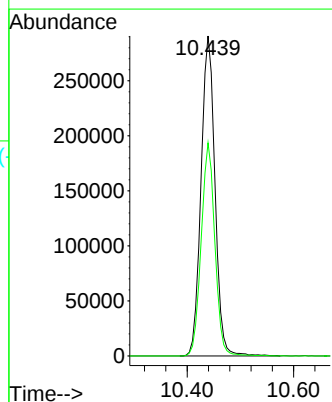
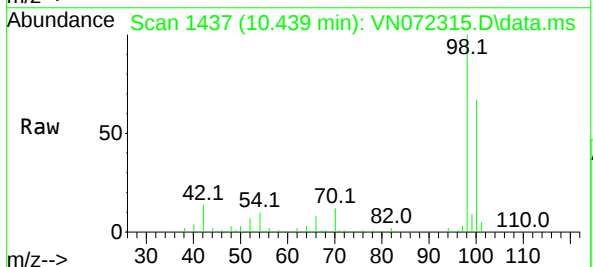
Instrument :
MSVOA_N
ClientSampleId :
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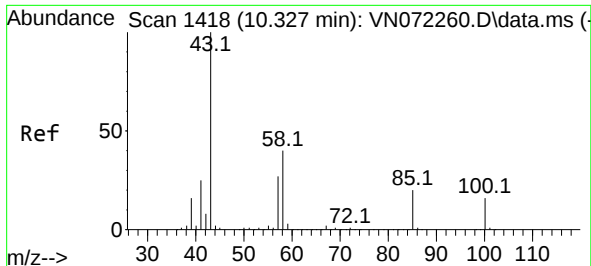
Tgt Ion: 43 Resp: 123
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 51.725 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072315.D
Acq: 03 May 2022 19:45

Tgt Ion: 98 Resp: 528041
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8

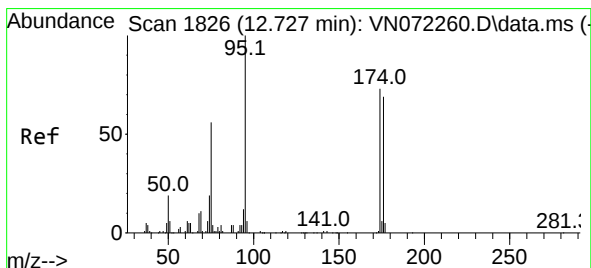
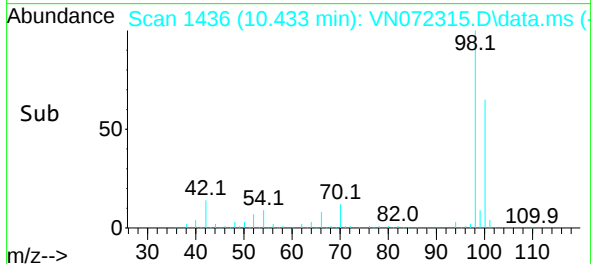
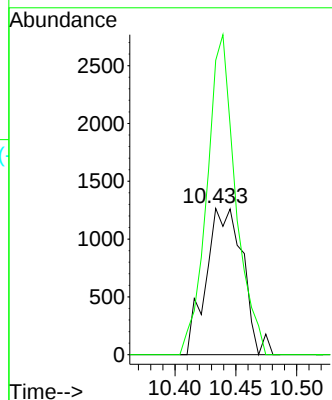
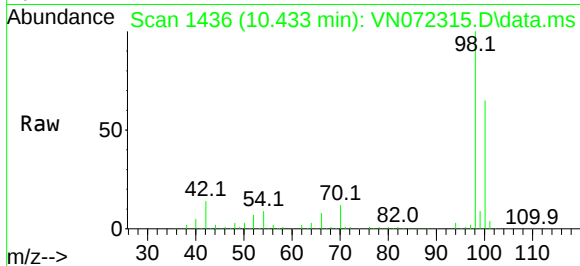




#51
4-Methyl-2-Pentanone
Concen: 0.561 ug/l
RT: 10.433 min Scan# 1418
Delta R.T. 0.105 min
Lab File: VN072315.D
Acq: 03 May 2022 19:45

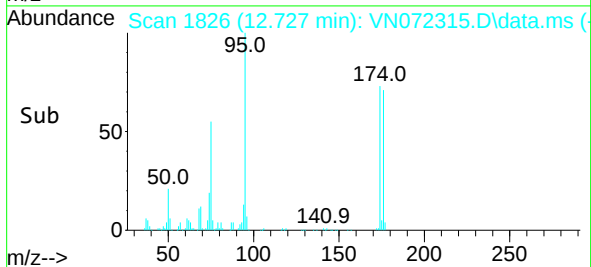
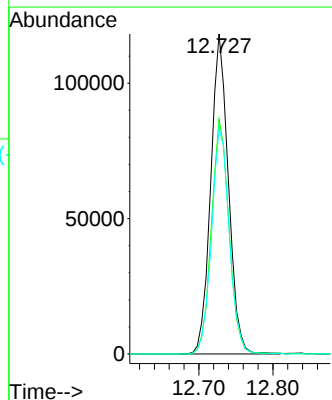
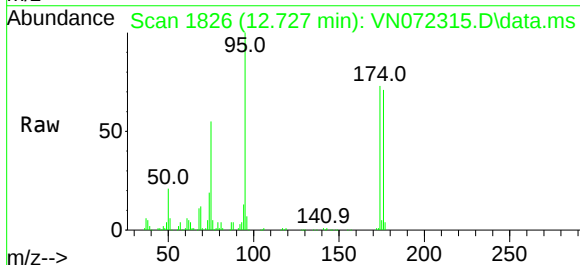
Instrument :
MSVOA_N
ClientSampleId :
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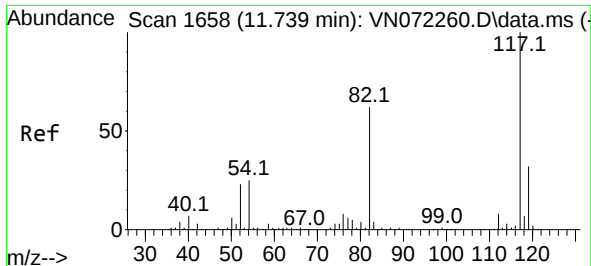
Tgt Ion: 43 Resp: 2657
Ion Ratio Lower Upper
43 100
58 170.8 34.1 51.1#



#62
4-Bromofluorobenzene
Concen: 57.590 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072315.D
Acq: 03 May 2022 19:45

Tgt Ion: 95 Resp: 195141
Ion Ratio Lower Upper
95 100
174 73.4 0.0 167.6
176 71.1 0.0 163.4

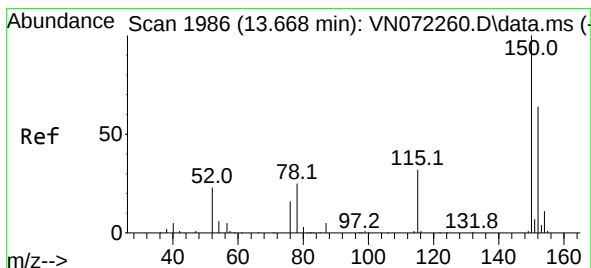
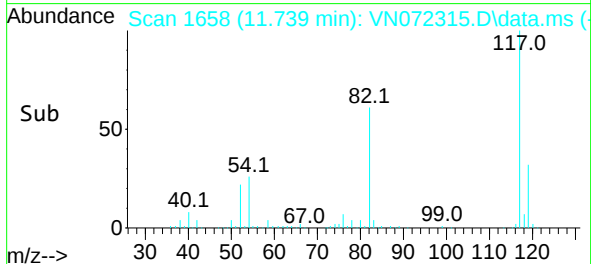
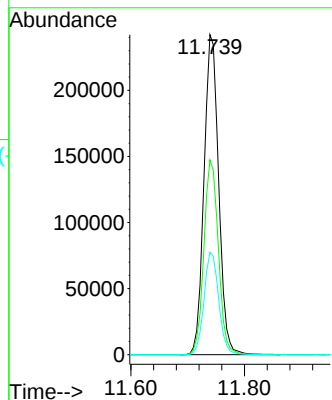
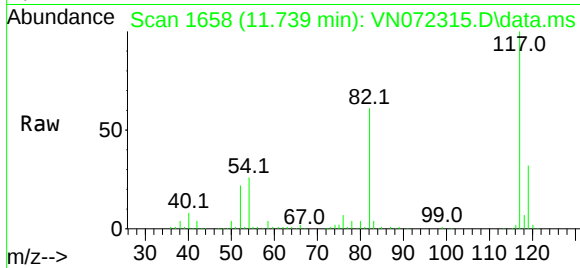




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072315.D
Acq: 03 May 2022 19:45

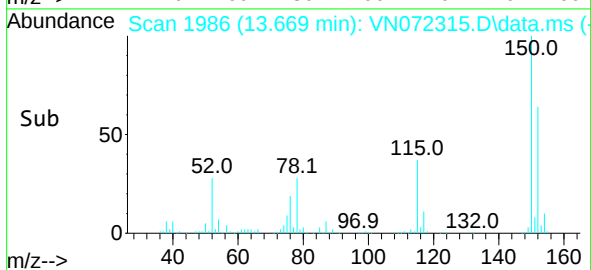
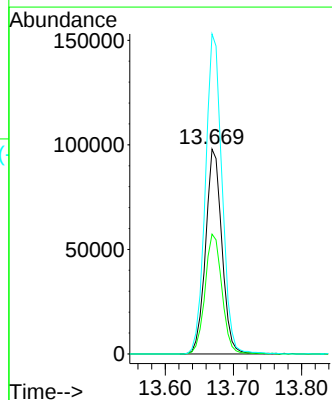
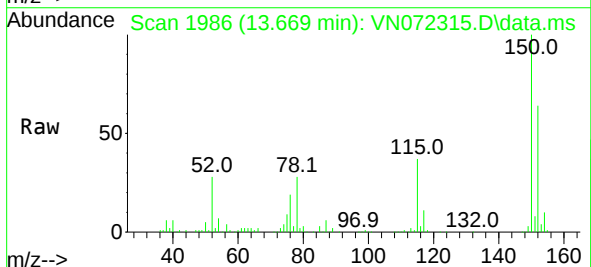
Instrument :
MSVOA_N
ClientSampleId :
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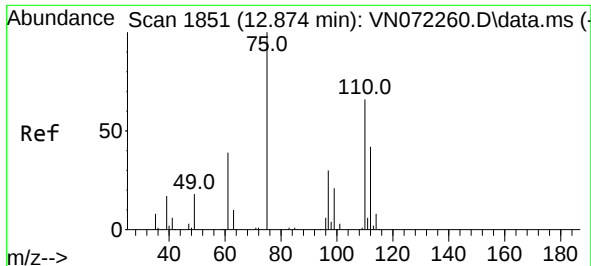
Tgt Ion:117 Resp: 433410
Ion Ratio Lower Upper
117 100
82 60.9 44.2 66.2
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072315.D
Acq: 03 May 2022 19:45

Tgt Ion:152 Resp: 163118
Ion Ratio Lower Upper
152 100
115 60.6 28.9 86.7
150 158.9 0.0 356.2

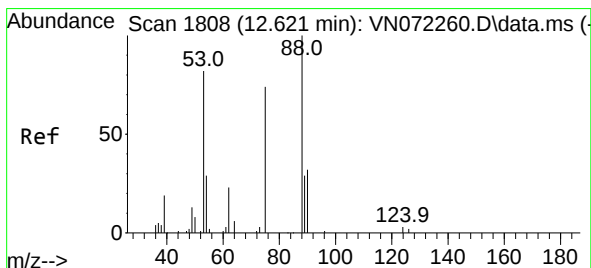
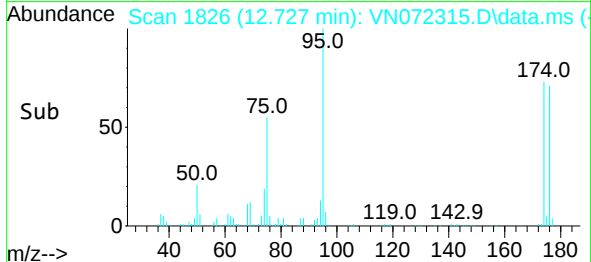
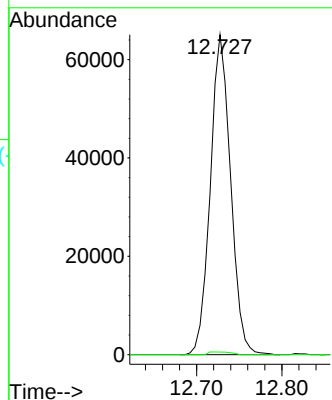
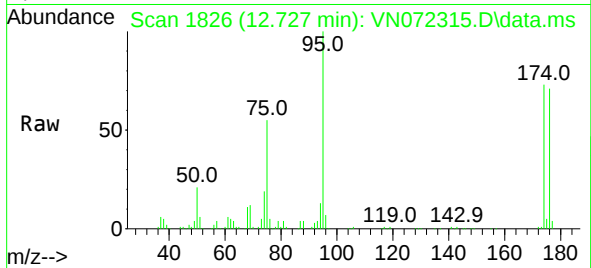




#76
1,2,3-Trichloropropane
Concen: 29.405 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072315.D
Acq: 03 May 2022 19:45

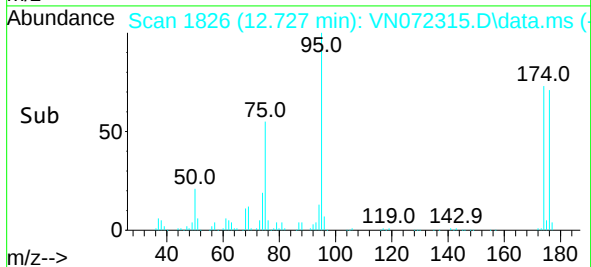
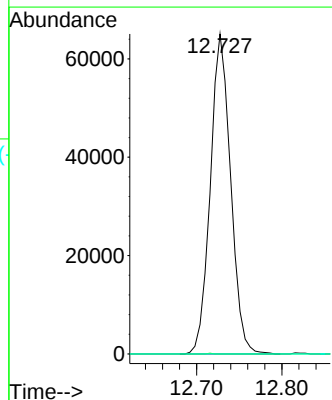
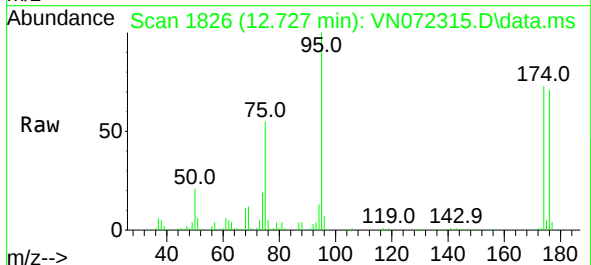
Instrument :
MSVOA_N
ClientSampleId :
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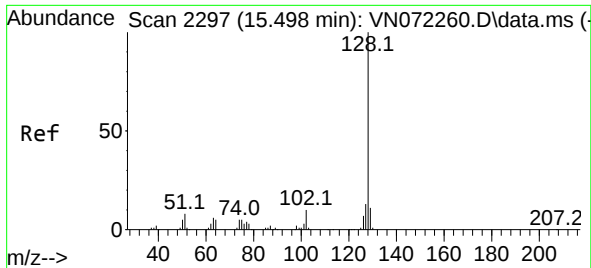
Tgt Ion: 75 Resp: 107722
Ion Ratio Lower Upper
75 100
77 0.9 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.359 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072315.D
Acq: 03 May 2022 19:45

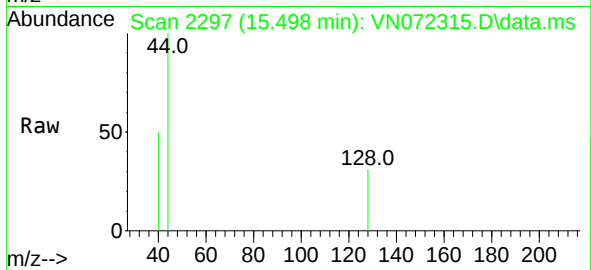
Tgt Ion: 75 Resp: 107722
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 4.329 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072315.D
Acq: 03 May 2022 19:45

Instrument :
MSVOA_N
ClientSampleId :
SOIL-EQUIPMENT-RINSE



Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#

