

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072522\
 Data File : VN073588.D
 Acq On : 25 Jul 2022 18:51
 Operator : JC\MD
 Sample : N3882-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Jul 26 02:18:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

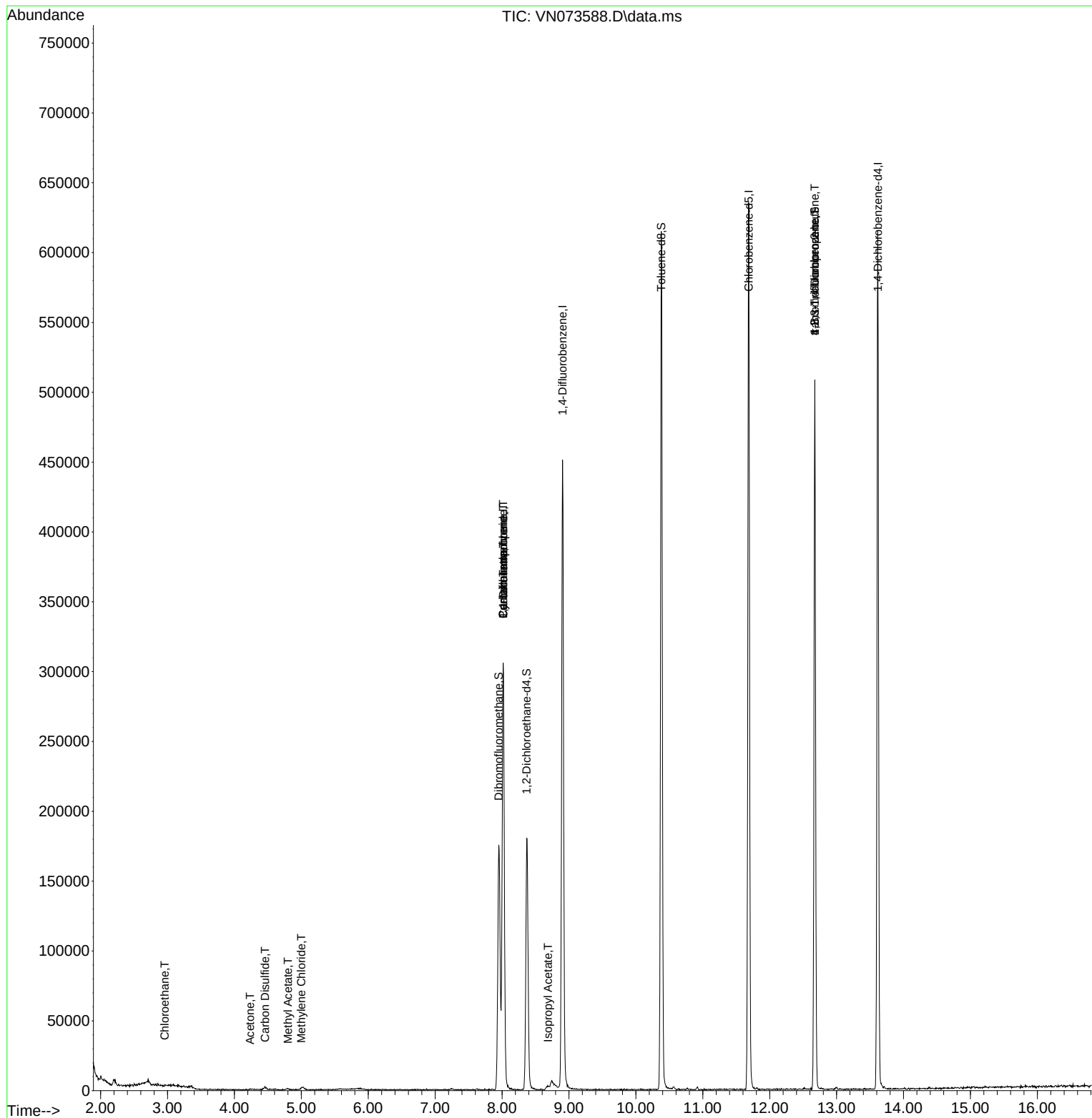
Internal Standards						
1) Pentafluorobenzene	8.016	168	231355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	385559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	359663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	164063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	148882	44.577	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.160%
35) Dibromofluoromethane	7.951	113	130219	50.764	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.520%
50) Toluene-d8	10.380	98	416187	45.681	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.360%
62) 4-Bromofluorobenzene	12.674	95	163232	46.622	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.240%
Target Compounds						
					Qvalue	
6) Chloroethane	2.957	64	349	0.213	ug/l #	42
16) Acetone	4.234	43	879	0.469	ug/l #	42
17) Carbon Disulfide	4.457	76	3581	0.507	ug/l #	94
18) Methyl Acetate	4.798	43	1269	0.242	ug/l #	57
20) Methylene Chloride	4.998	84	1662	0.504	ug/l #	83
31) Cyclohexane	8.016	56	5484	1.003	ug/l #	22
36) 1,1-Dichloropropene	8.016	75	19688	4.988	ug/l #	50
38) Carbon Tetrachloride	8.016	117	24218	5.933	ug/l #	20
43) Isopropyl Acetate	8.686	43	2232	0.260	ug/l #	53
76) 1,2,3-Trichloropropane	12.674	75	87793	20.465	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	87793	56.124	ug/l #	10

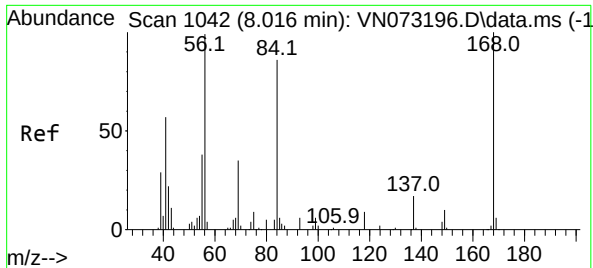
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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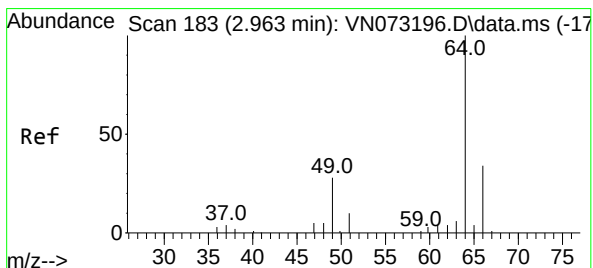
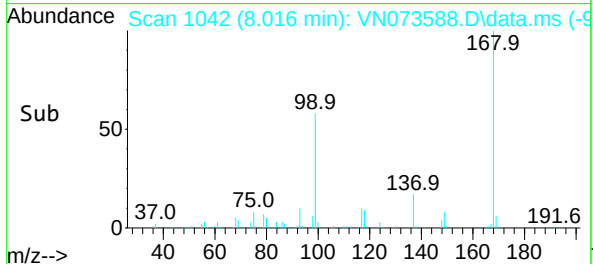
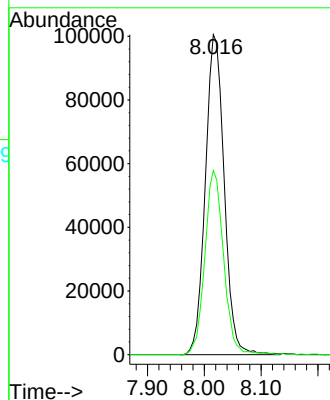
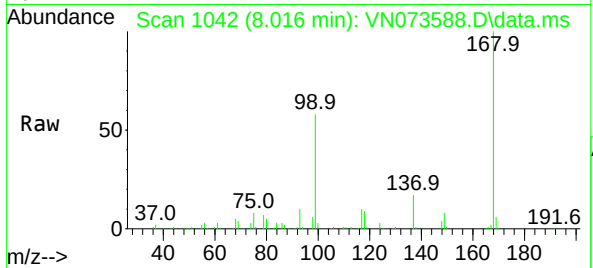




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073588.D
Acq: 25 Jul 2022 18:51

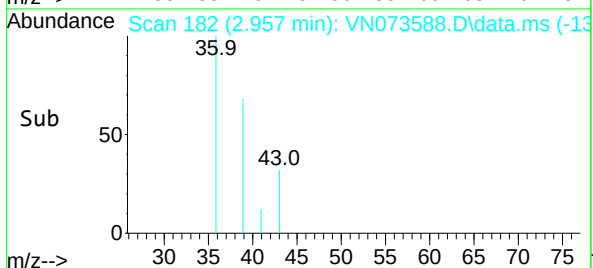
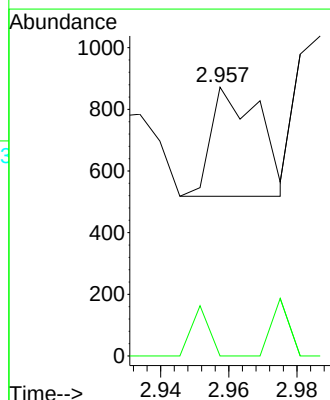
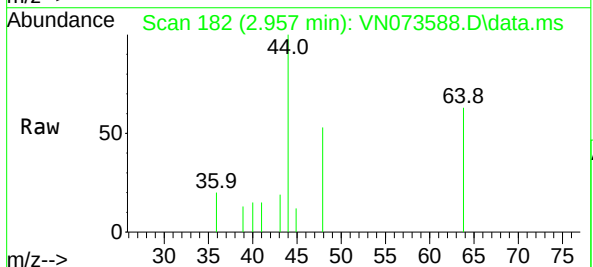
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

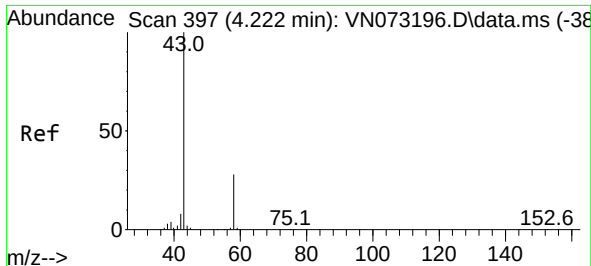
Tgt Ion:168 Resp: 231355
Ion Ratio Lower Upper
168 100
99 57.6 42.3 63.5



#6
Chloroethane
Concen: 0.213 ug/l
RT: 2.957 min Scan# 182
Delta R.T. -0.006 min
Lab File: VN073588.D
Acq: 25 Jul 2022 18:51

Tgt Ion: 64 Resp: 349
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

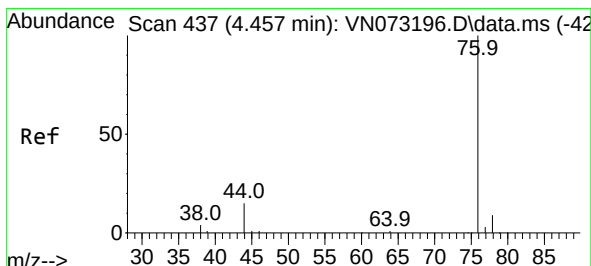
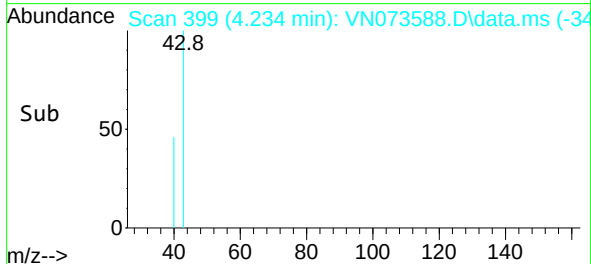
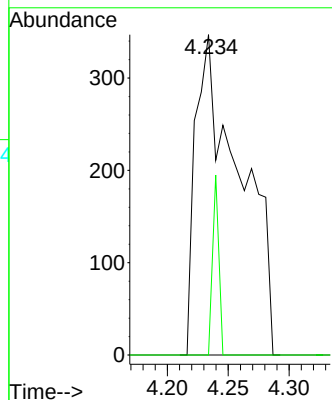
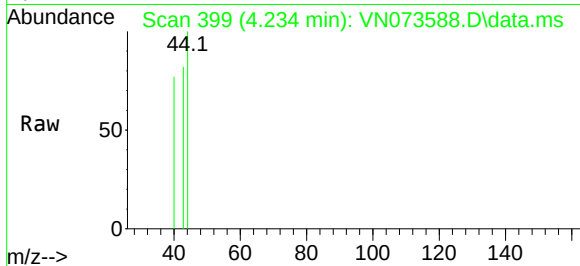




#16
Acetone
Concen: 0.469 ug/l
RT: 4.234 min Scan# 397
Delta R.T. 0.012 min
Lab File: VN073588.D
Acq: 25 Jul 2022 18:51

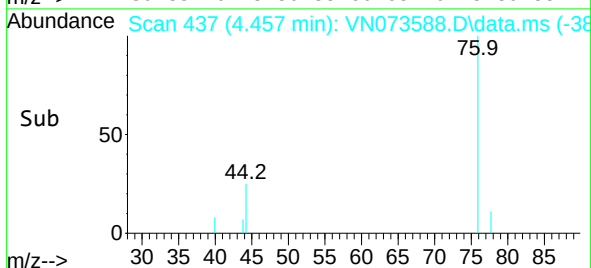
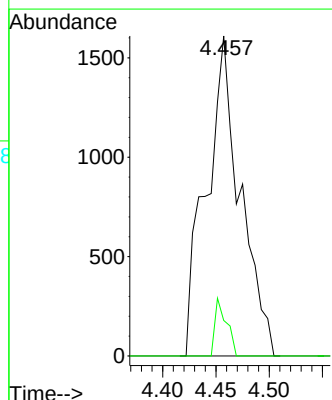
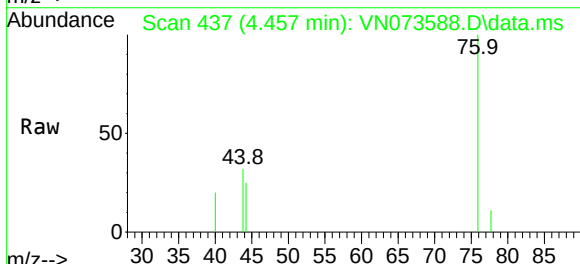
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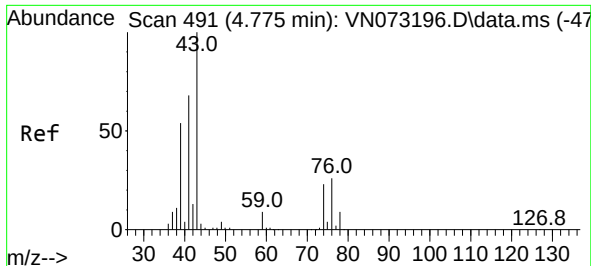
Tgt Ion: 43 Resp: 879
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#17
Carbon Disulfide
Concen: 0.507 ug/l
RT: 4.457 min Scan# 437
Delta R.T. 0.000 min
Lab File: VN073588.D
Acq: 25 Jul 2022 18:51

Tgt Ion: 76 Resp: 3581
Ion Ratio Lower Upper
76 100
78 11.1 7.2 10.8#

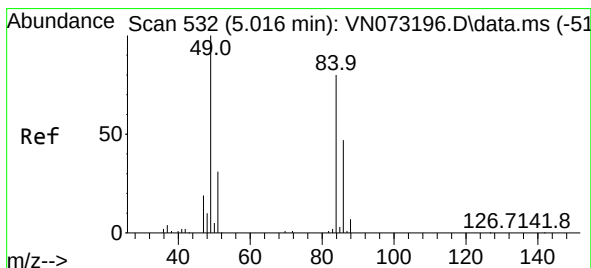
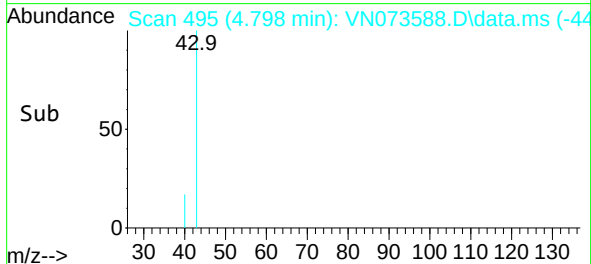
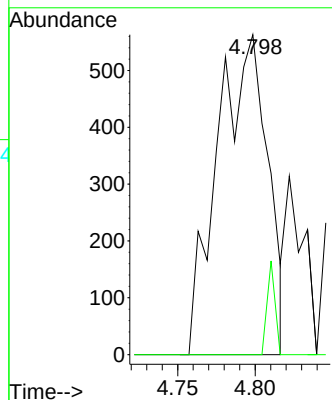
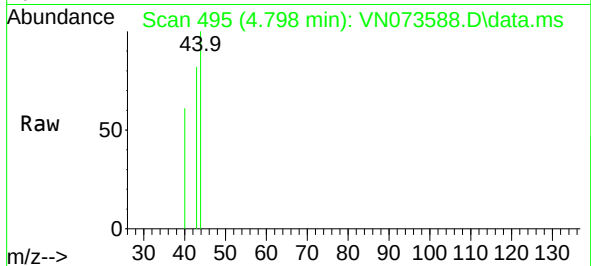




#18
Methyl Acetate
Concen: 0.242 ug/l
RT: 4.798 min Scan# 491
Delta R.T. 0.023 min
Lab File: VN073588.D
Acq: 25 Jul 2022 18:51

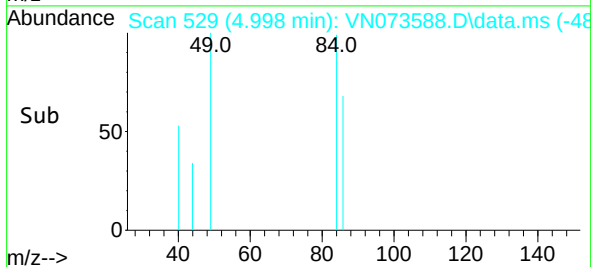
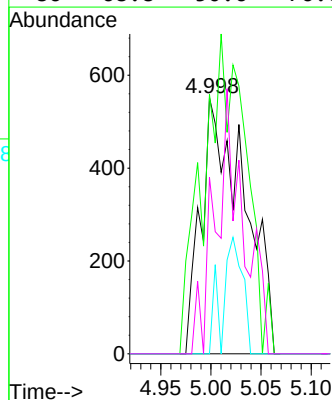
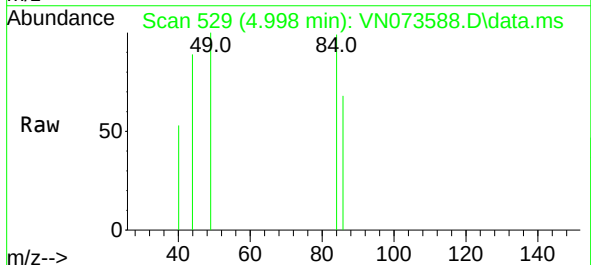
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

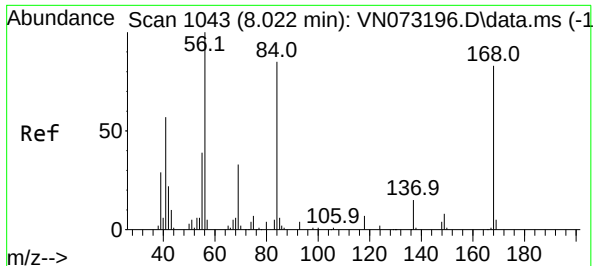
Tgt Ion: 43 Resp: 1269
Ion Ratio Lower Upper
43 100
74 4.6 21.6 32.4#



#20
Methylene Chloride
Concen: 0.504 ug/l
RT: 4.998 min Scan# 529
Delta R.T. -0.018 min
Lab File: VN073588.D
Acq: 25 Jul 2022 18:51

Tgt Ion: 84 Resp: 1662
Ion Ratio Lower Upper
84 100
49 101.3 88.3 132.5
51 0.0 28.2 42.2#
86 68.8 50.6 76.0

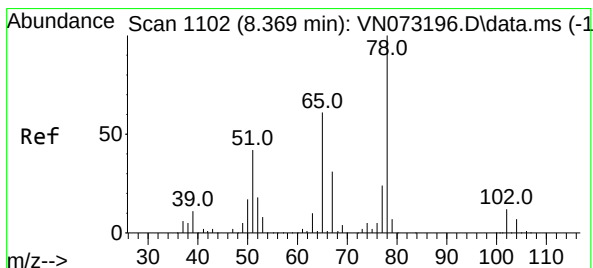
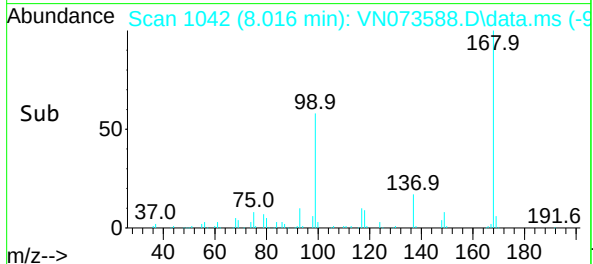
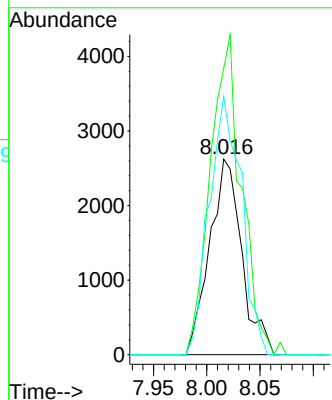
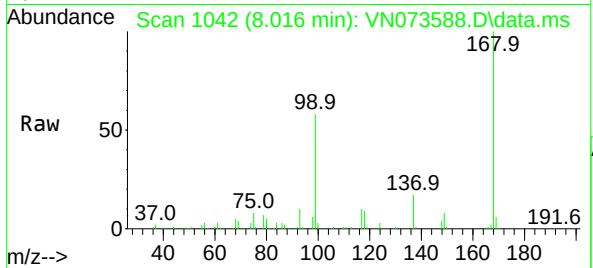




#31
Cyclohexane
Concen: 1.003 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073588.D
Acq: 25 Jul 2022 18:51

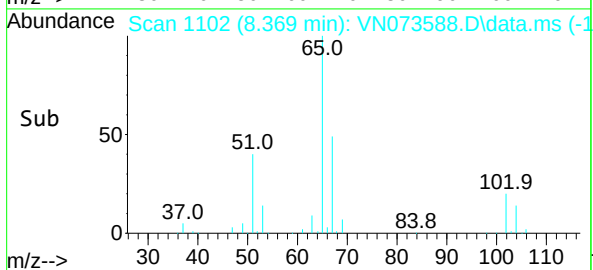
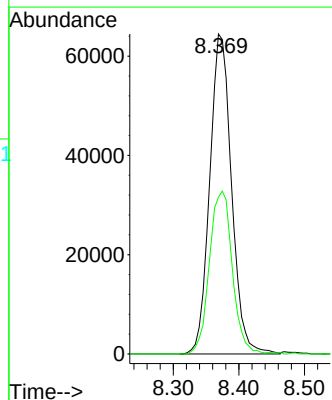
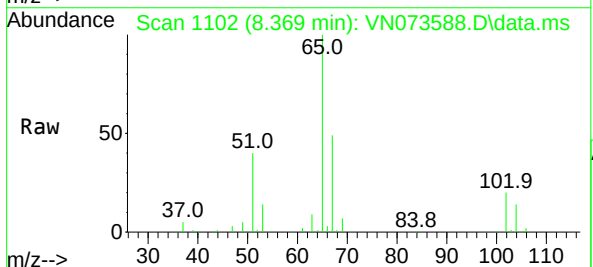
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STORAGE-BLANK-SOIL-REF-6

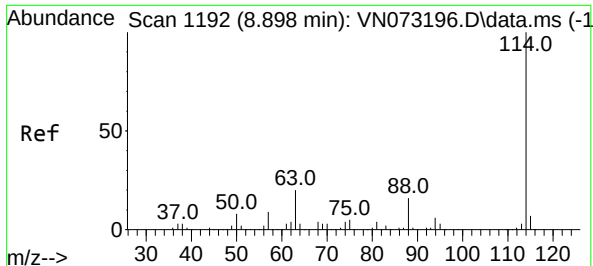
Tgt Ion: 56 Resp: 5484
Ion Ratio Lower Upper
56 100
69 146.3 27.8 41.8#
84 132.0 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 44.577 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073588.D
Acq: 25 Jul 2022 18:51

Tgt Ion: 65 Resp: 148882
Ion Ratio Lower Upper
65 100
67 53.5 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073588.D

Acq: 25 Jul 2022 18:51

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

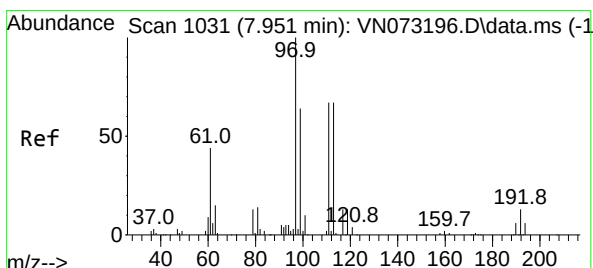
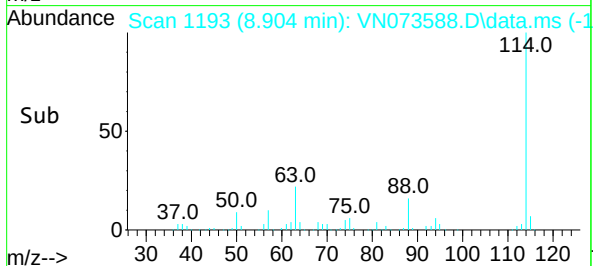
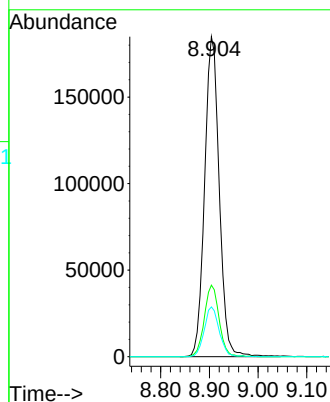
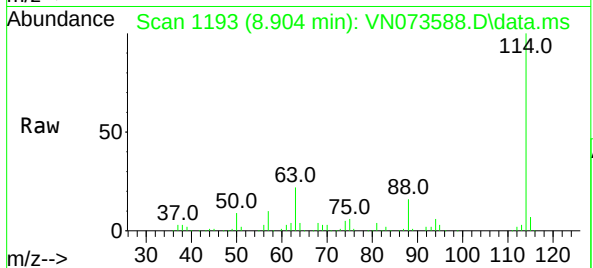
Tgt Ion:114 Resp: 385559

Ion Ratio Lower Upper

114 100

63 22.4 0.0 40.0

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.764 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073588.D

Acq: 25 Jul 2022 18:51

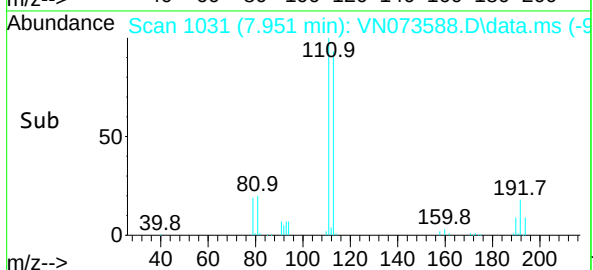
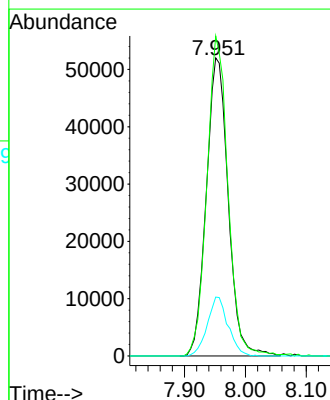
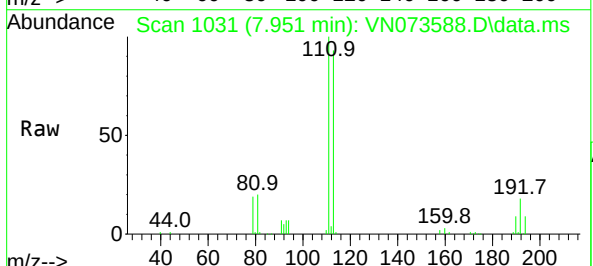
Tgt Ion:113 Resp: 130219

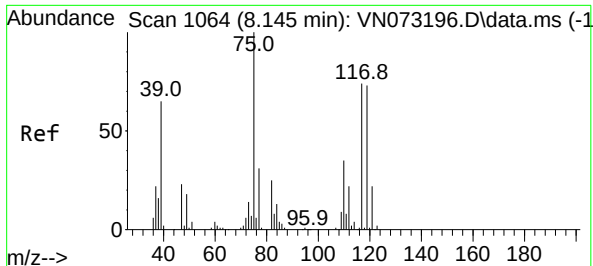
Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

192 18.7 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.988 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073588.D

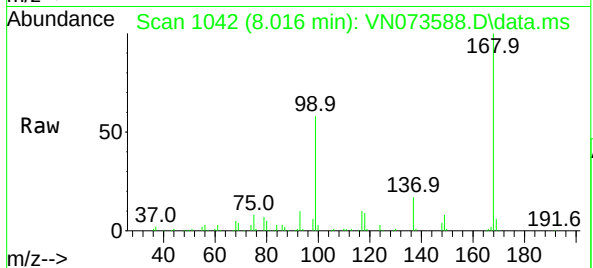
Acq: 25 Jul 2022 18:51

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



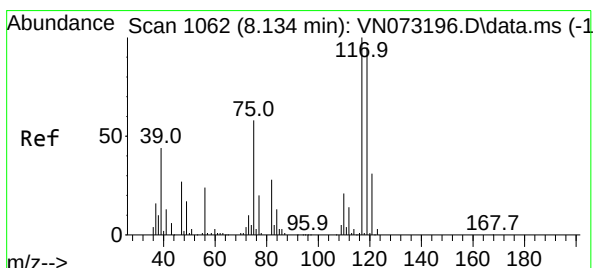
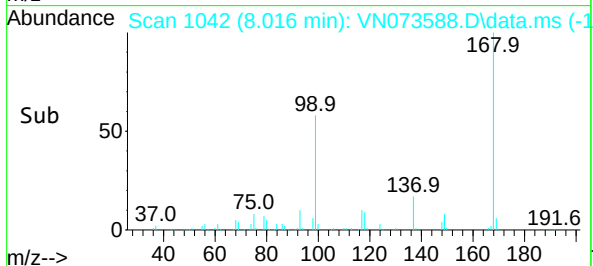
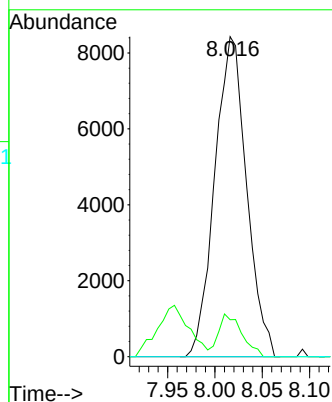
Tgt Ion: 75 Resp: 19688

Ion Ratio Lower Upper

75 100

110 9.8 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.933 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN073588.D

Acq: 25 Jul 2022 18:51

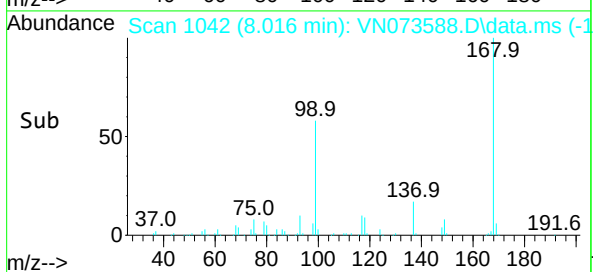
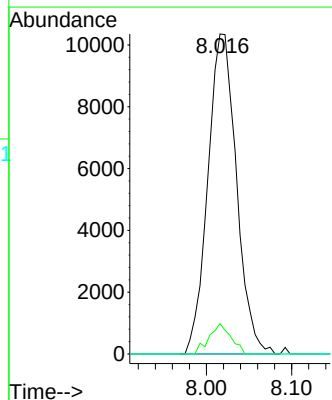
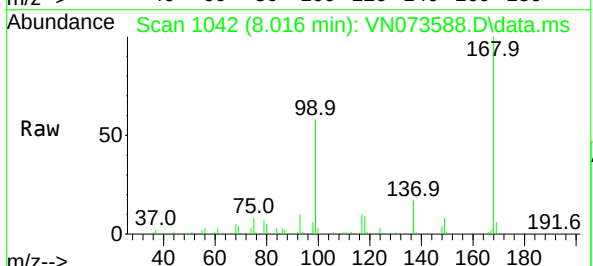
Tgt Ion: 117 Resp: 24218

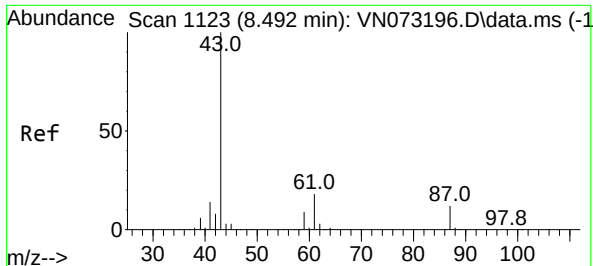
Ion Ratio Lower Upper

117 100

119 9.4 75.8 113.8#

121 0.0 24.6 37.0#

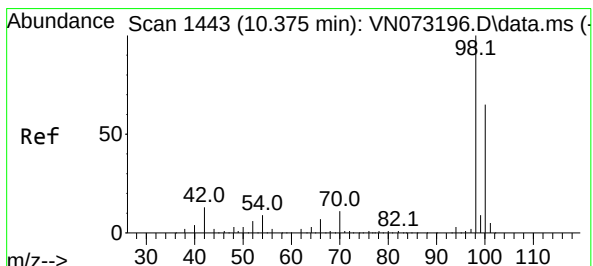
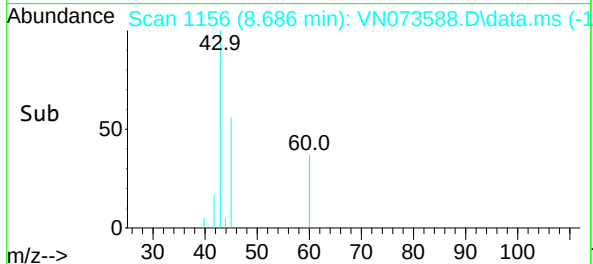
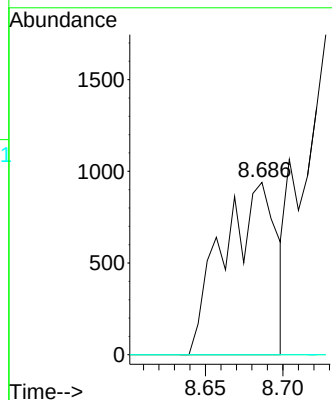
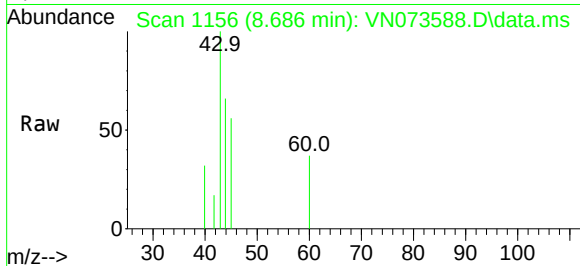




#43
Isopropyl Acetate
Concen: 0.260 ug/l
RT: 8.686 min Scan# 1123
Delta R.T. 0.194 min
Lab File: VN073588.D
Acq: 25 Jul 2022 18:51

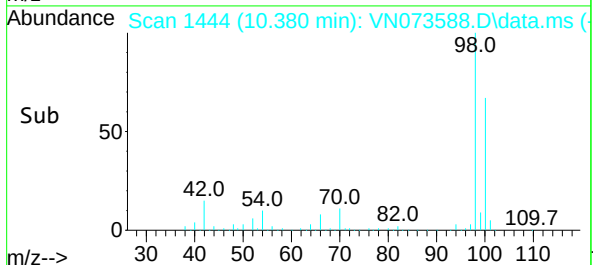
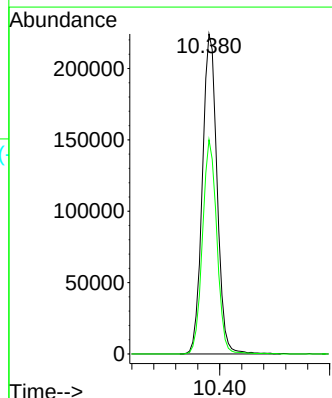
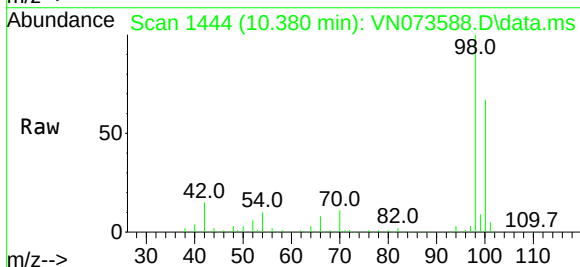
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

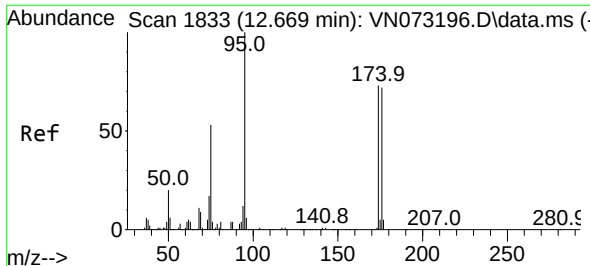
Tgt Ion: 43 Resp: 2232
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 45.681 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073588.D
Acq: 25 Jul 2022 18:51

Tgt Ion: 98 Resp: 416187
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8

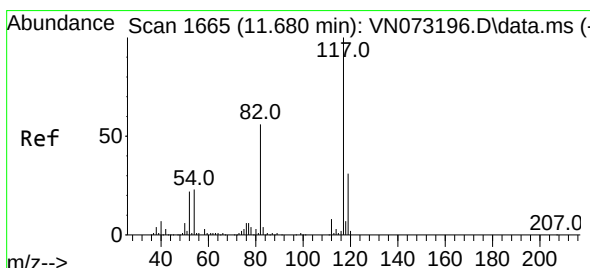
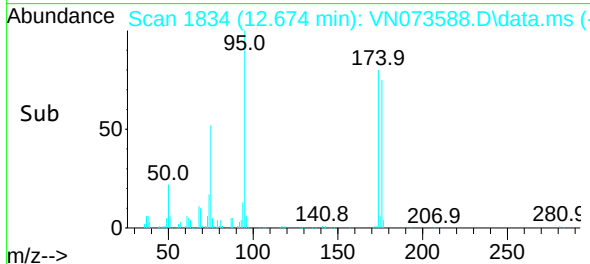
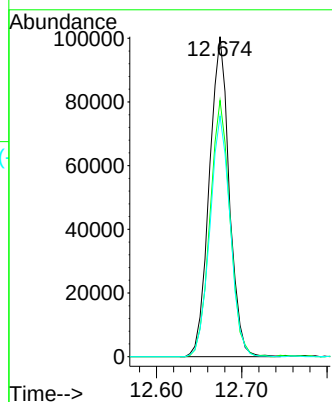
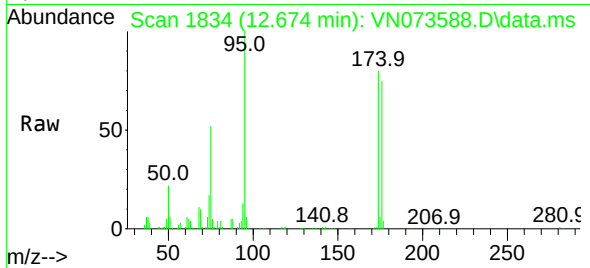




#62
4-Bromofluorobenzene
Concen: 46.622 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073588.D
Acq: 25 Jul 2022 18:51

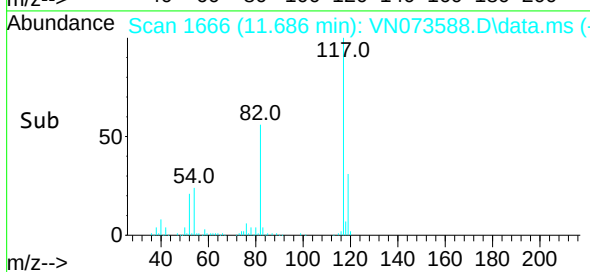
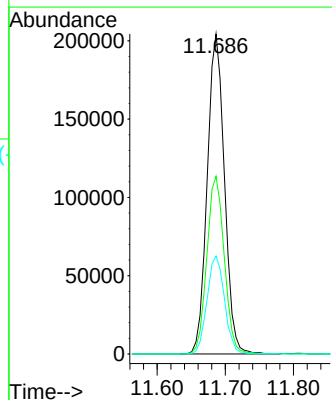
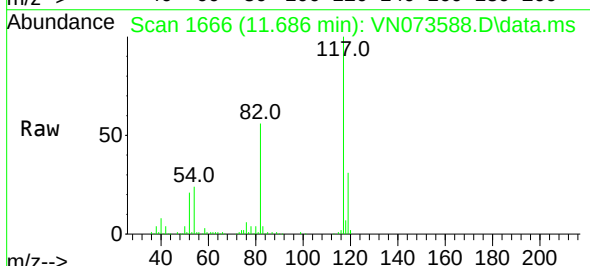
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

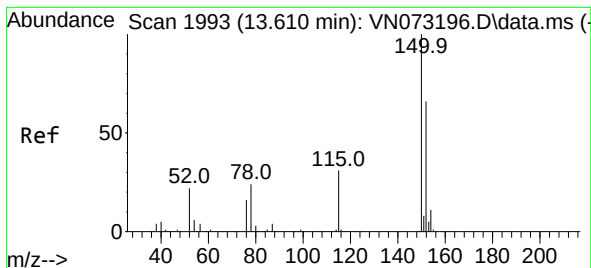
Tgt Ion: 95 Resp: 163232
Ion Ratio Lower Upper
95 100
174 80.2 0.0 167.6
176 76.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073588.D
Acq: 25 Jul 2022 18:51

Tgt Ion: 117 Resp: 359663
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.2
119 30.6 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1993

Delta R.T. 0.006 min

Lab File: VN073588.D

Acq: 25 Jul 2022 18:51

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

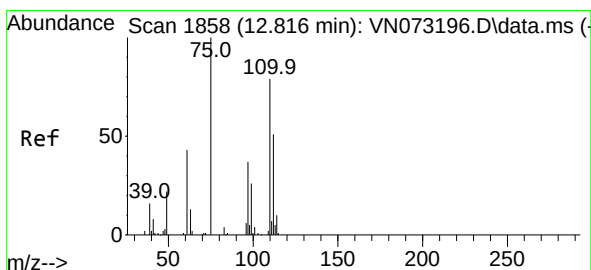
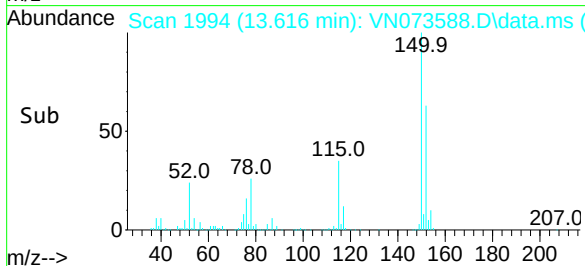
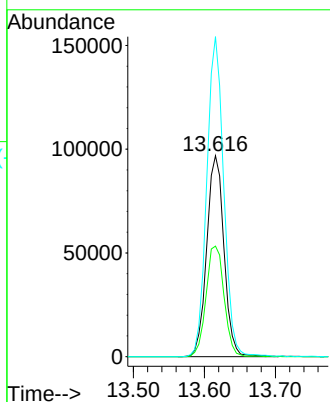
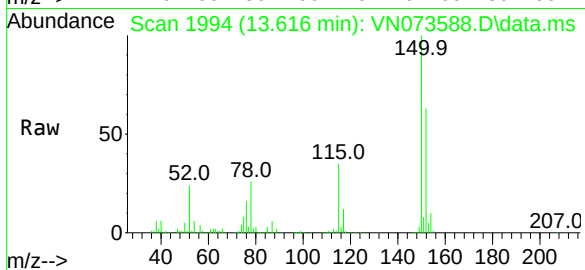
Tgt Ion:152 Resp: 164063

Ion Ratio Lower Upper

152 100

115 57.3 28.9 86.7

150 156.1 0.0 356.2



#76

1,2,3-Trichloropropane

Concen: 20.465 ug/l

RT: 12.674 min Scan# 1834

Delta R.T. -0.142 min

Lab File: VN073588.D

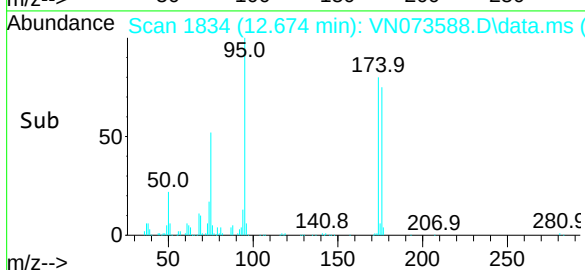
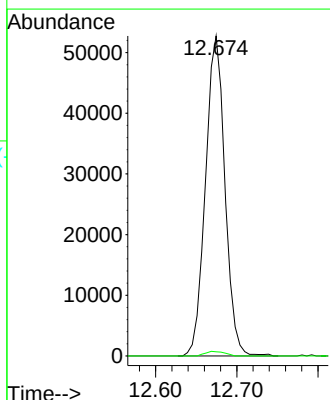
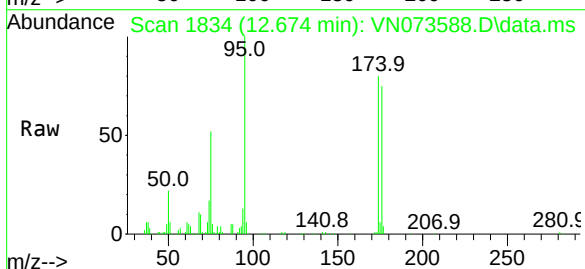
Acq: 25 Jul 2022 18:51

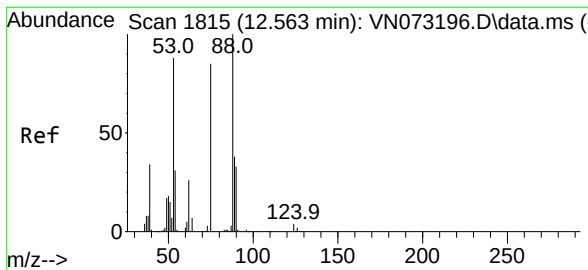
Tgt Ion: 75 Resp: 87793

Ion Ratio Lower Upper

75 100

77 1.4 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.124 ug/l
 RT: 12.674 min Scan# 11
 Delta R.T. 0.111 min
 Lab File: VN073588.D
 Acq: 25 Jul 2022 18:51

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

Tgt Ion: 75 Resp: 87793
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#

