

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070822\
 Data File : VN073399.D
 Acq On : 08 Jul 2022 17:44
 Operator : JC\MD
 Sample : N3657-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jul 09 05:28:51 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)

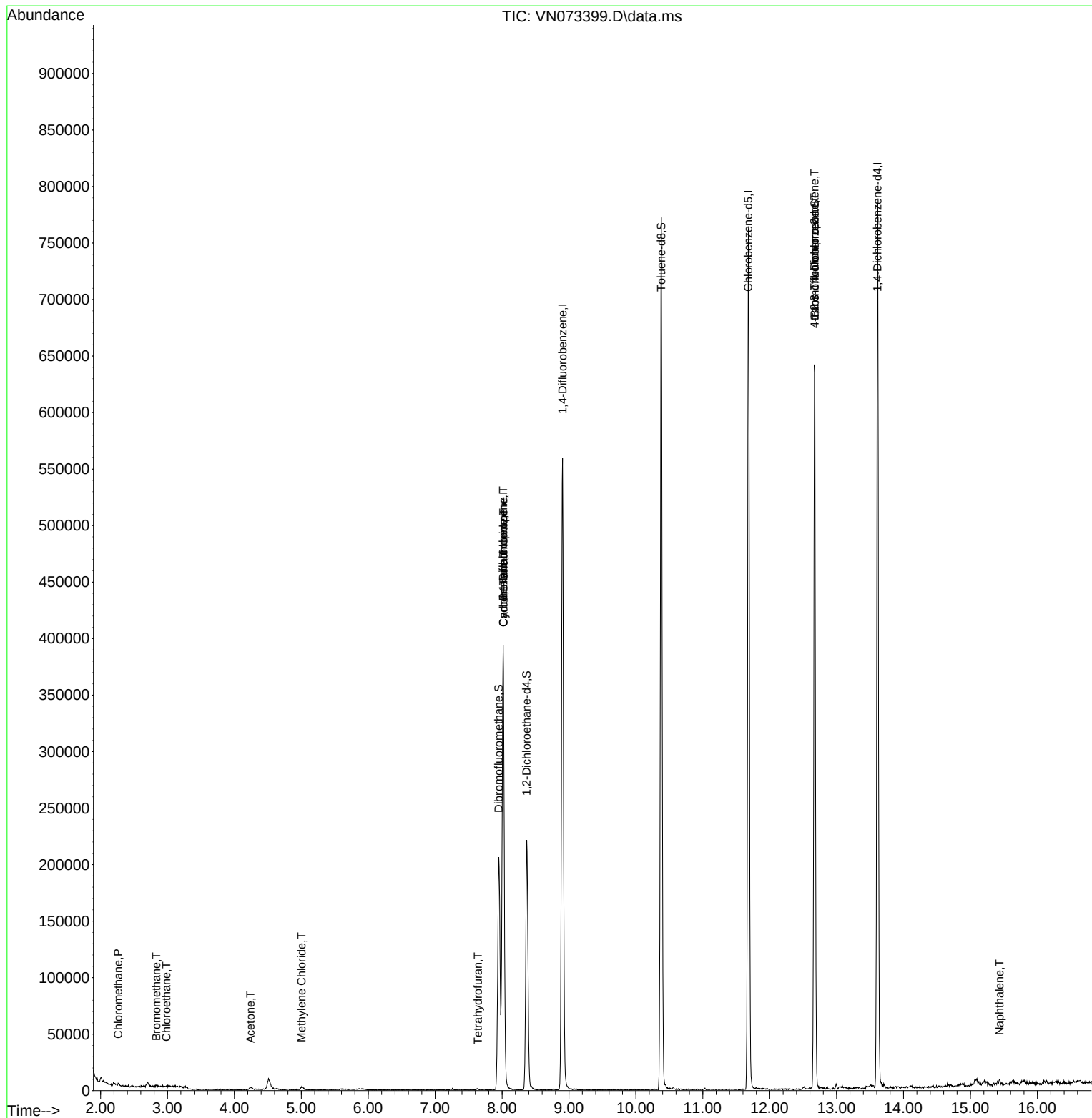
Internal Standards						
1) Pentafluorobenzene	8.016	168	294169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	492166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	449598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	211823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	185777	43.747	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.500%		
35) Dibromofluoromethane	7.951	113	152651	46.619	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.240%		
50) Toluene-d8	10.380	98	515467	44.323	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.640%		
62) 4-Bromofluorobenzene	12.674	95	225078	50.361	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.720%		
Target Compounds						Qvalue
3) Chloromethane	2.263	50	1570	0.376	ug/l	90
5) Bromomethane	2.834	94	795	0.474	ug/l #	47
6) Chloroethane	2.981	64	596	0.286	ug/l #	42
16) Acetone	4.240	43	2273	0.954	ug/l	99
20) Methylene Chloride	5.004	84	994	0.237	ug/l #	81
29) Tetrahydrofuran	7.639	42	753	0.290	ug/l #	35
31) Cyclohexane	8.022	56	6951	0.999	ug/l #	14
36) 1,1-Dichloropropene	8.016	75	24814	4.925	ug/l #	50
38) Carbon Tetrachloride	8.022	117	30045	5.766	ug/l #	16
76) 1,2,3-Trichloropropane	12.669	75	113889	20.562	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	113889	56.391	ug/l #	10
95) Naphthalene	15.433	128	5226	0.320	ug/l #	96

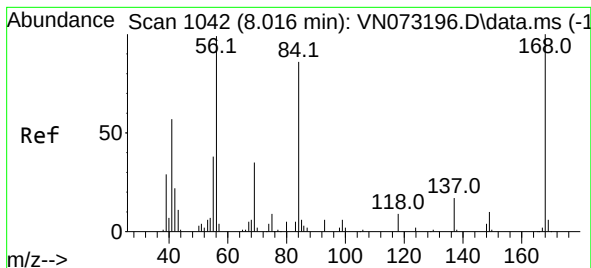
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070822\
Data File : VN073399.D
Acq On : 08 Jul 2022 17:44
Operator : JC\MD
Sample : N3657-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jul 09 05:28:51 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

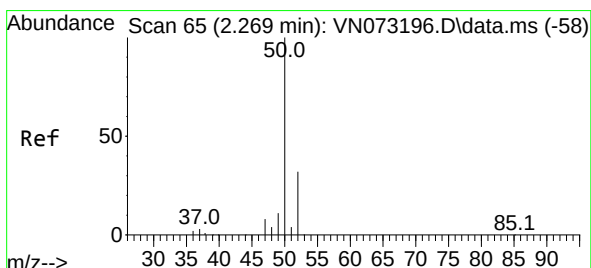
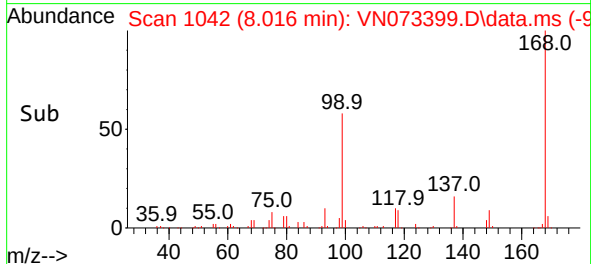
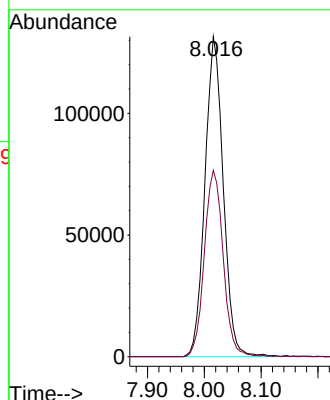
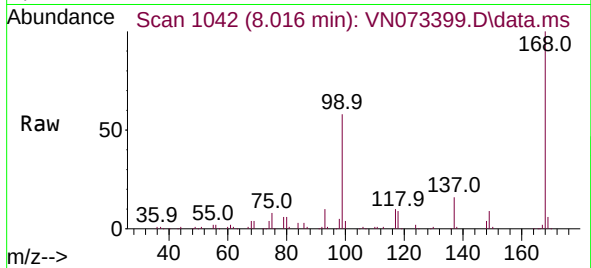




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073399.D
Acq: 08 Jul 2022 17:44

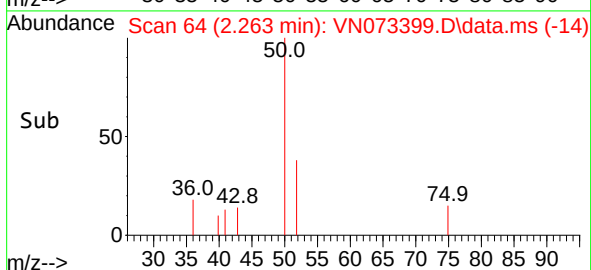
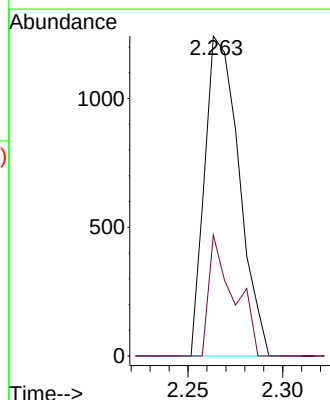
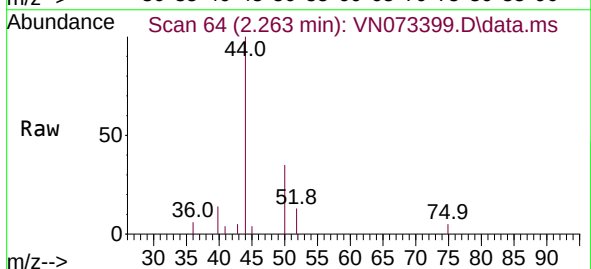
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

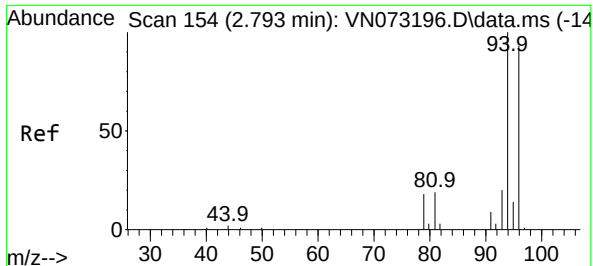
Tgt Ion:168 Resp: 294169
Ion Ratio Lower Upper
168 100
99 58.2 42.3 63.5



#3
Chloromethane
Concen: 0.376 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073399.D
Acq: 08 Jul 2022 17:44

Tgt Ion: 50 Resp: 1570
Ion Ratio Lower Upper
50 100
52 37.8 25.7 38.5

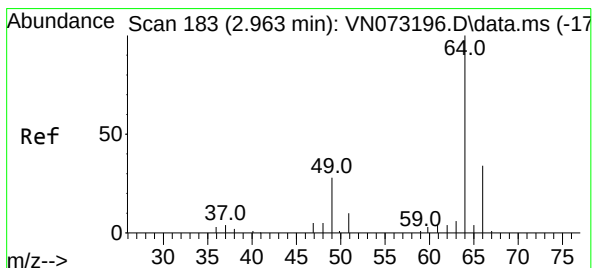
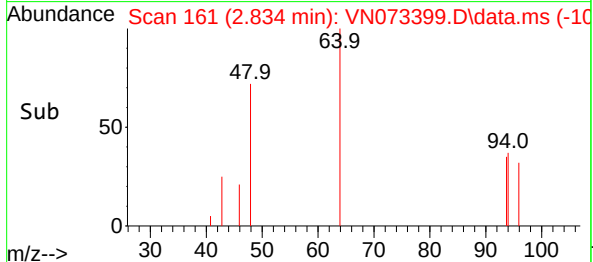
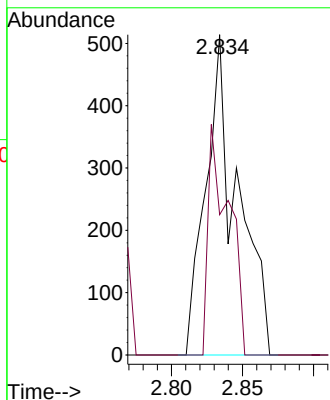
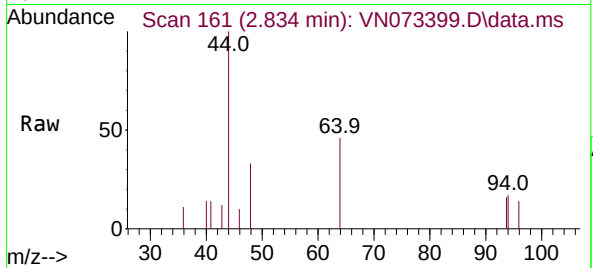




#5
Bromomethane
Concen: 0.474 ug/l
RT: 2.834 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN073399.D
Acq: 08 Jul 2022 17:44

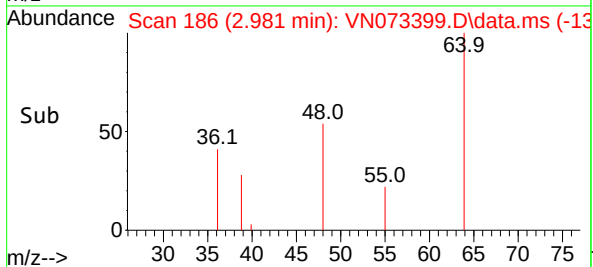
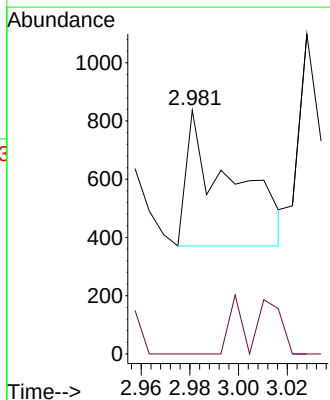
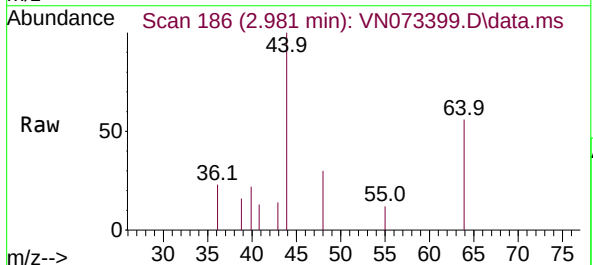
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

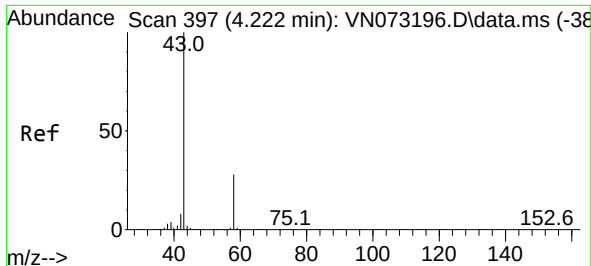
Tgt Ion: 94 Resp: 795
Ion Ratio Lower Upper
94 100
96 43.8 76.0 114.0#



#6
Chloroethane
Concen: 0.286 ug/l
RT: 2.981 min Scan# 186
Delta R.T. 0.018 min
Lab File: VN073399.D
Acq: 08 Jul 2022 17:44

Tgt Ion: 64 Resp: 596
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

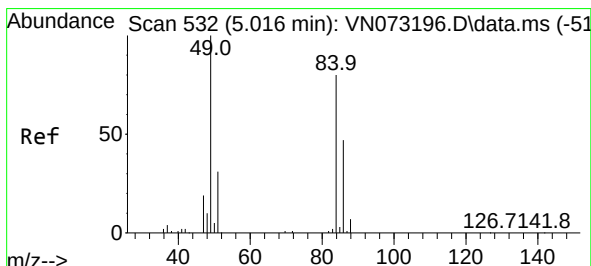
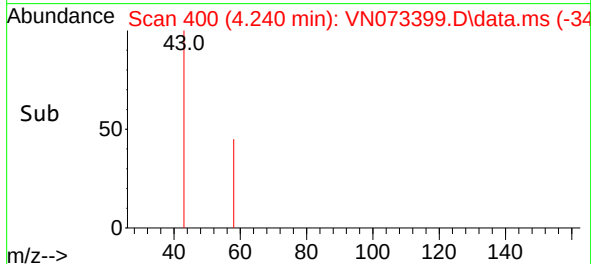
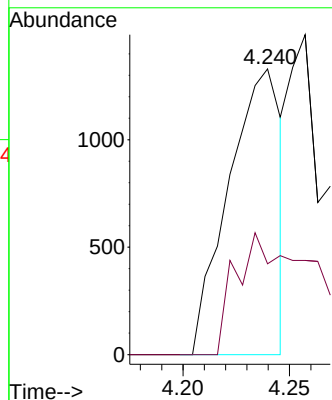
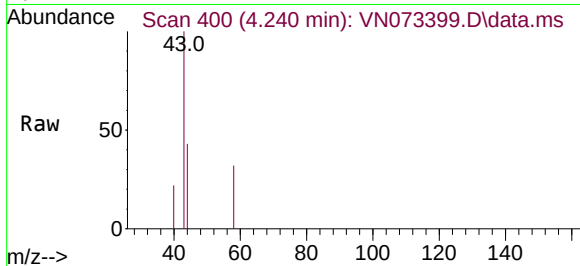




#16
Acetone
Concen: 0.954 ug/l
RT: 4.240 min Scan# 40
Delta R.T. 0.018 min
Lab File: VN073399.D
Acq: 08 Jul 2022 17:44

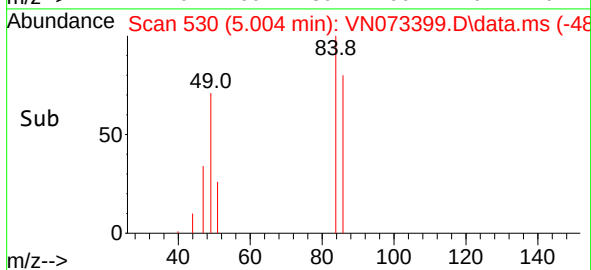
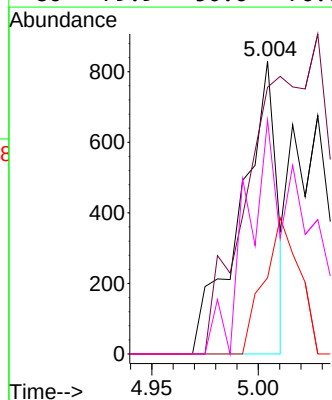
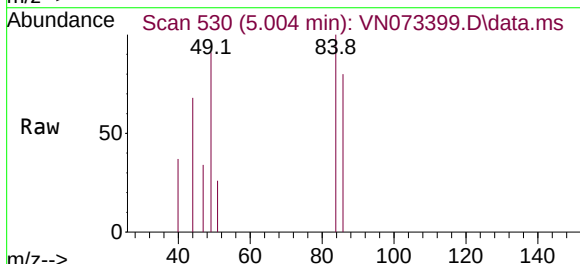
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

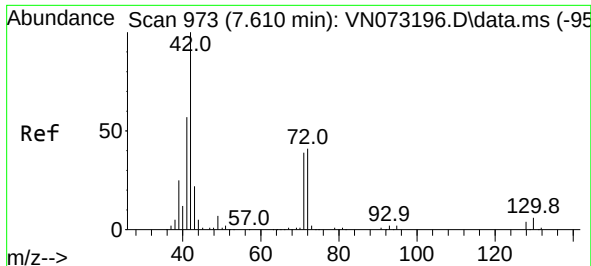
Tgt Ion: 43 Resp: 2273
Ion Ratio Lower Upper
43 100
58 31.8 26.0 39.0



#20
Methylene Chloride
Concen: 0.237 ug/l
RT: 5.004 min Scan# 530
Delta R.T. -0.012 min
Lab File: VN073399.D
Acq: 08 Jul 2022 17:44

Tgt Ion: 84 Resp: 994
Ion Ratio Lower Upper
84 100
49 91.1 88.3 132.5
51 26.0 28.2 42.2#
86 79.9 50.6 76.0#





#29

Tetrahydrofuran

Concen: 0.290 ug/l

RT: 7.639 min Scan# 91

Delta R.T. 0.029 min

Lab File: VN073399.D

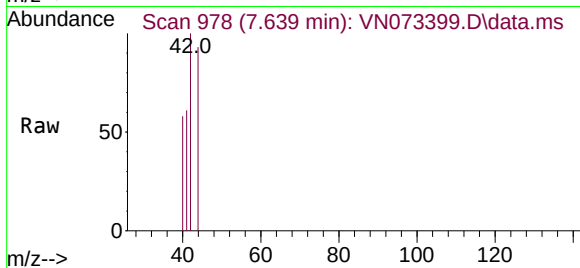
Acq: 08 Jul 2022 17:44

Instrument :

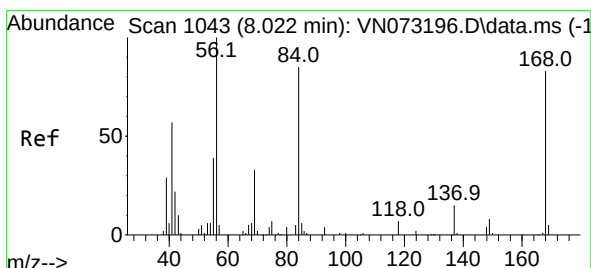
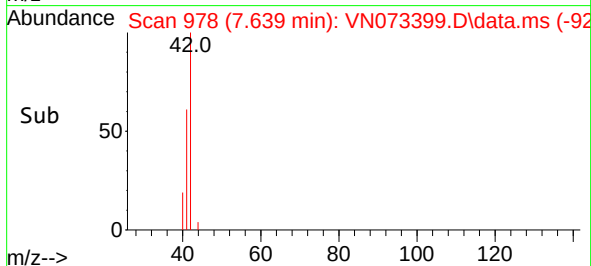
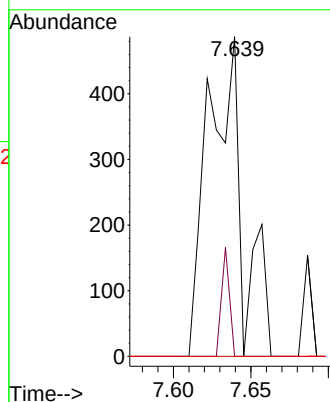
MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



Tgt Ion:	42	Resp:	753
Ion	Ratio	Lower	Upper
42	100		
72	7.8	39.7	59.5#
71	0.0	36.6	55.0#



#31

Cyclohexane

Concen: 0.999 ug/l

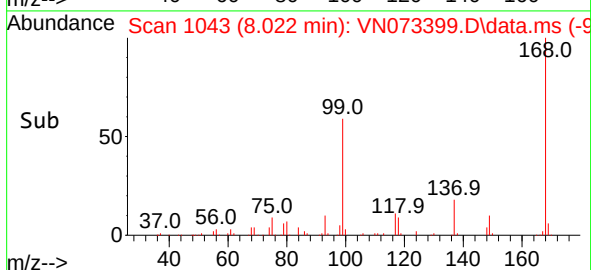
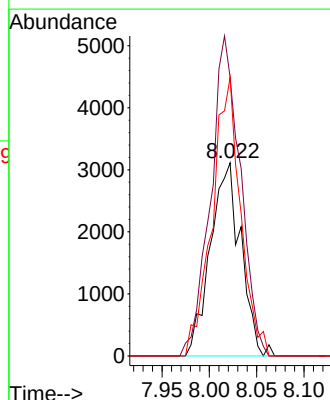
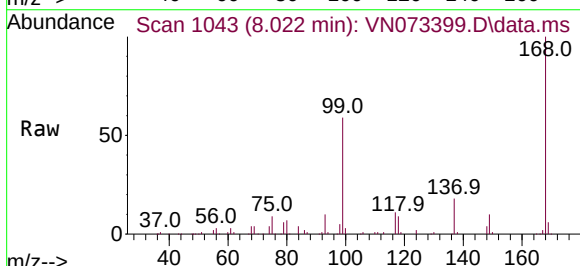
RT: 8.022 min Scan# 1043

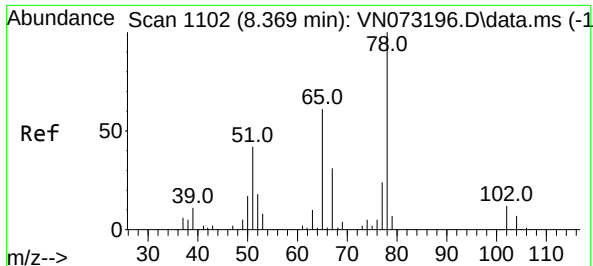
Delta R.T. -0.000 min

Lab File: VN073399.D

Acq: 08 Jul 2022 17:44

Tgt Ion:	56	Resp:	6951
Ion	Ratio	Lower	Upper
56	100		
69	144.2	27.8	41.8#
84	144.2	76.9	115.3#





#33

1,2-Dichloroethane-d4

Concen: 43.747 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073399.D

Acq: 08 Jul 2022 17:44

Instrument :

MSVOA_N

ClientSampleId :

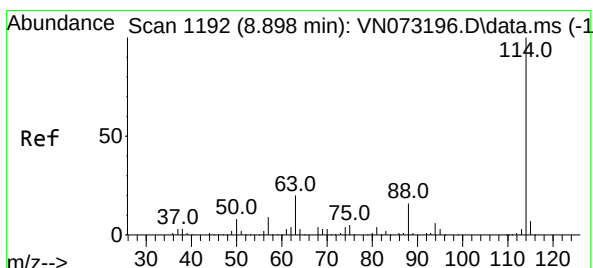
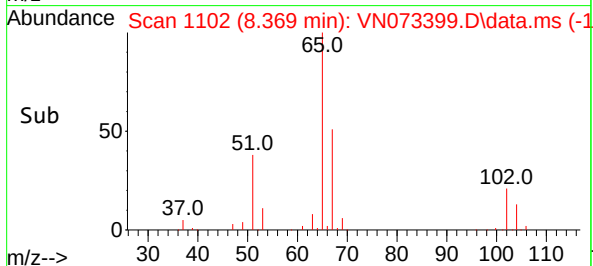
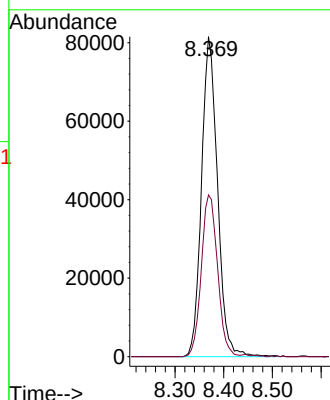
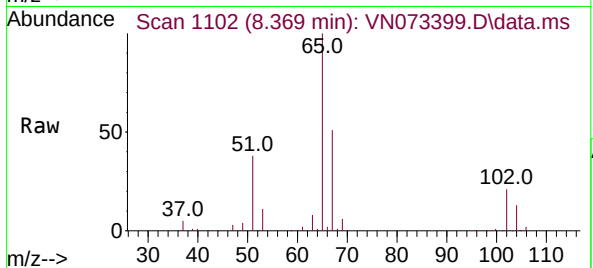
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 65 Resp: 185777

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073399.D

Acq: 08 Jul 2022 17:44

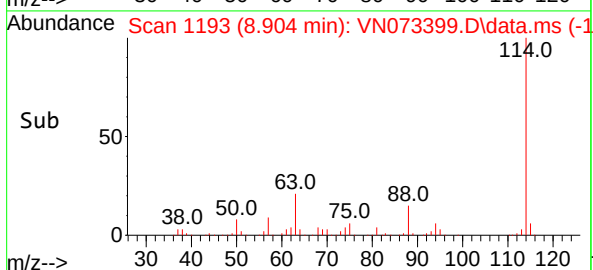
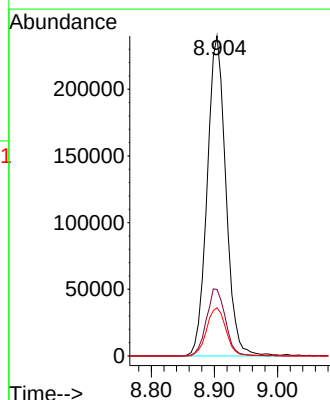
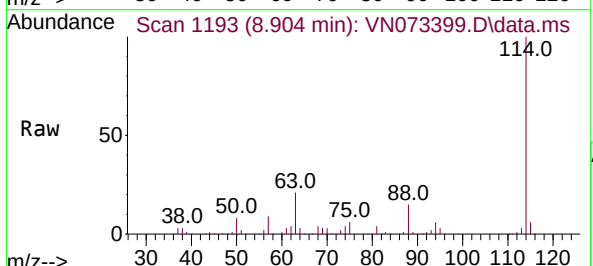
Tgt Ion: 114 Resp: 492166

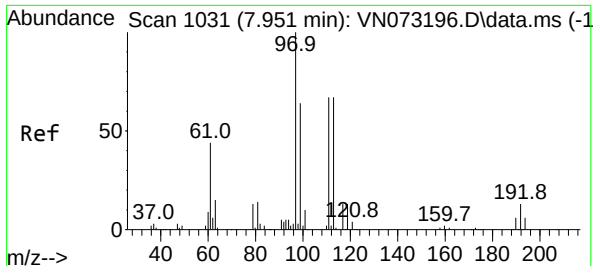
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.0

88 15.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.619 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073399.D

Acq: 08 Jul 2022 17:44

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

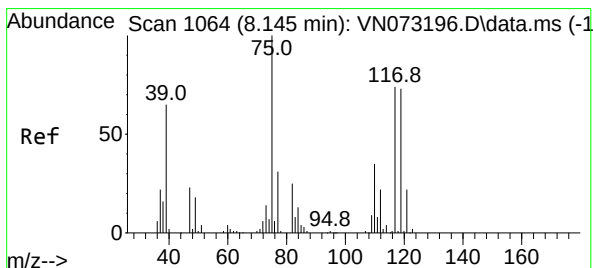
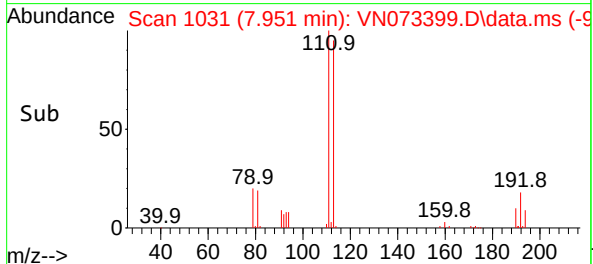
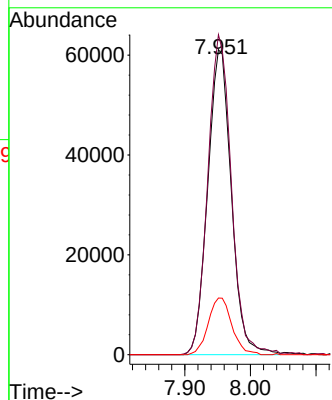
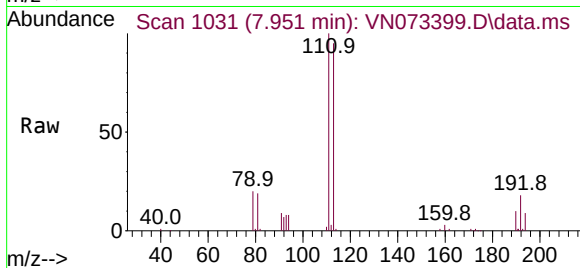
Tgt Ion:113 Resp: 152651

Ion Ratio Lower Upper

113 100

111 104.7 81.4 122.0

192 18.6 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.925 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073399.D

Acq: 08 Jul 2022 17:44

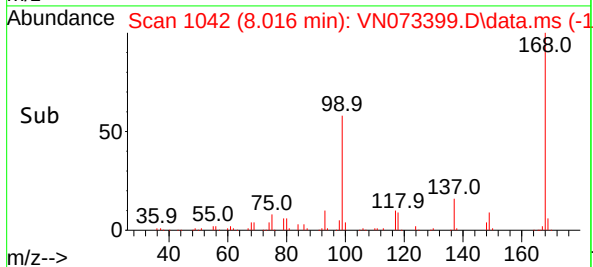
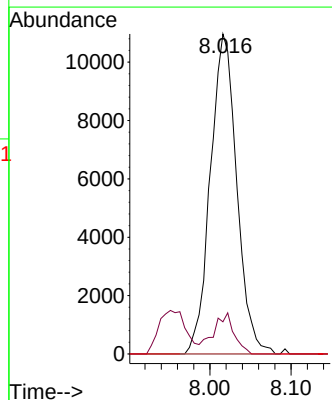
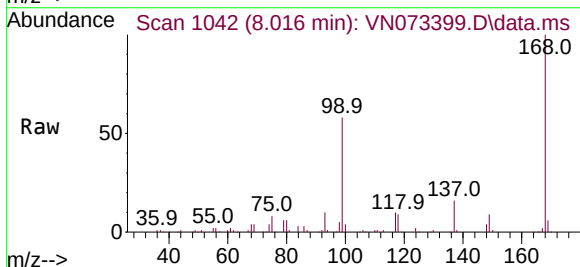
Tgt Ion: 75 Resp: 24814

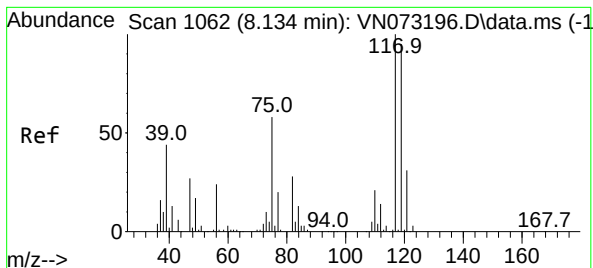
Ion Ratio Lower Upper

75 100

110 10.1 18.3 54.8#

77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 5.766 ug/l

RT: 8.022 min Scan# 1

Delta R.T. -0.112 min

Lab File: VN073399.D

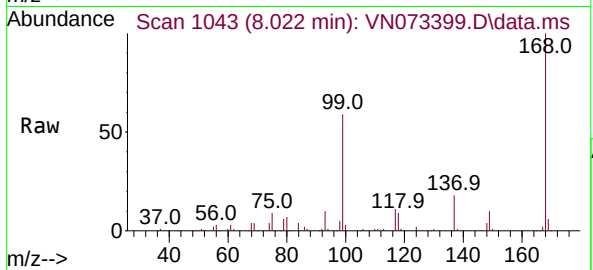
Acq: 08 Jul 2022 17:44

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



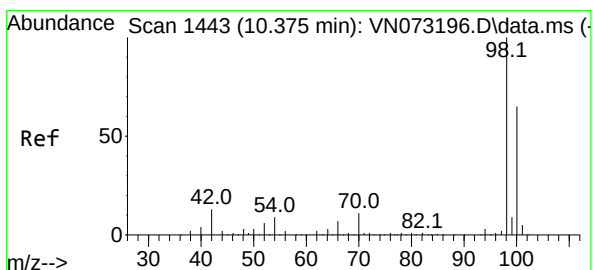
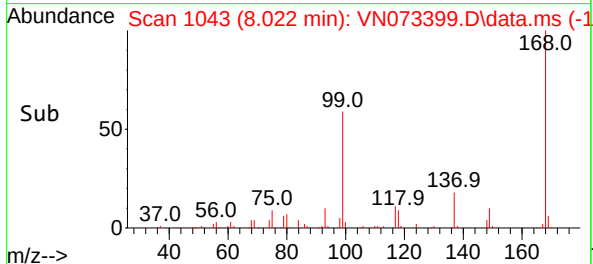
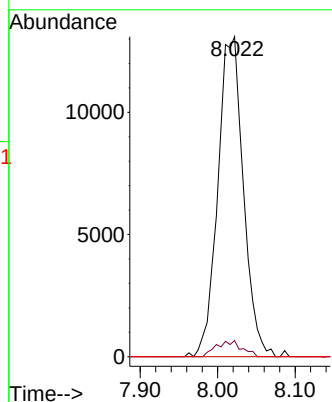
Tgt Ion:117 Resp: 30045

Ion Ratio Lower Upper

117 100

119 5.0 75.8 113.8#

121 0.0 24.6 37.0#



#50

Toluene-d8

Concen: 44.323 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.005 min

Lab File: VN073399.D

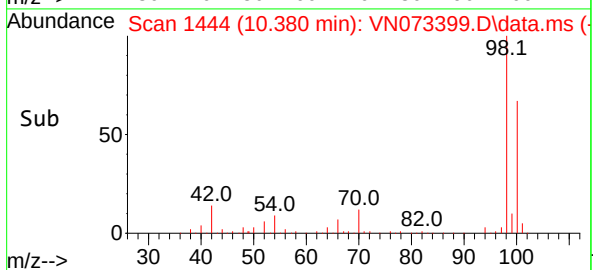
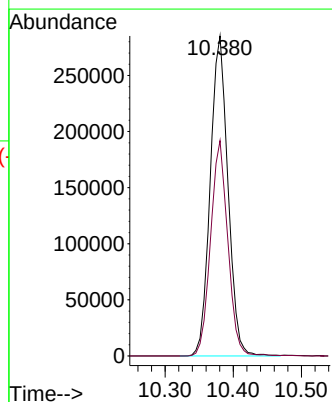
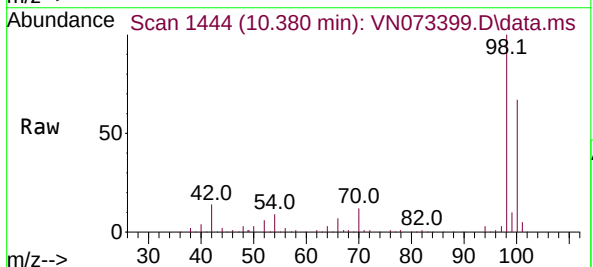
Acq: 08 Jul 2022 17:44

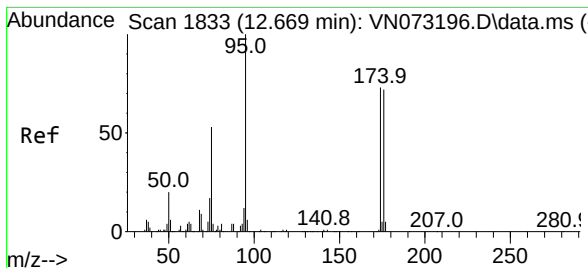
Tgt Ion: 98 Resp: 515467

Ion Ratio Lower Upper

98 100

100 65.5 52.6 78.8

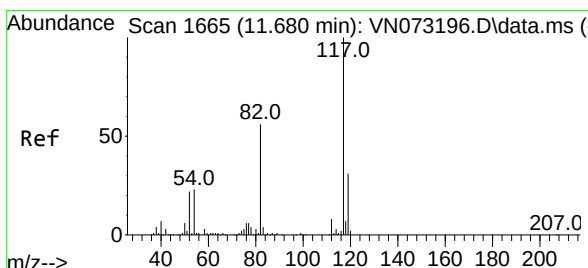
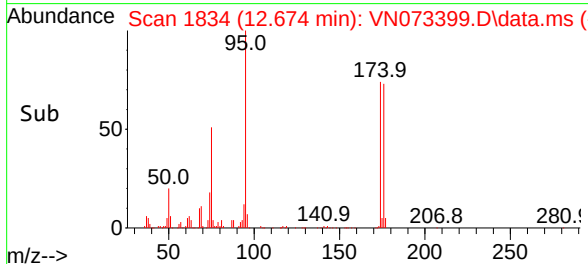
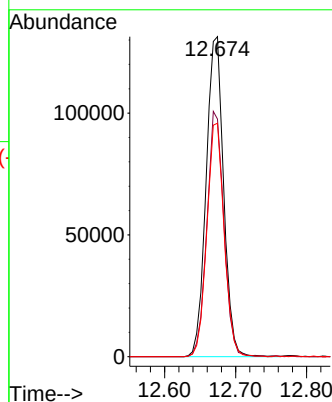
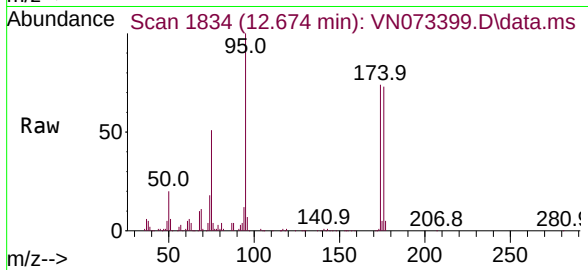




#62
4-Bromofluorobenzene
Concen: 50.361 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073399.D
Acq: 08 Jul 2022 17:44

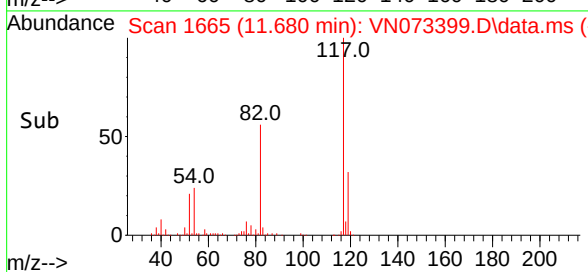
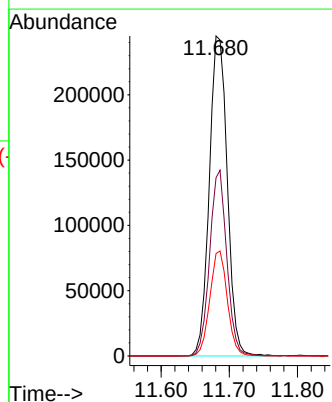
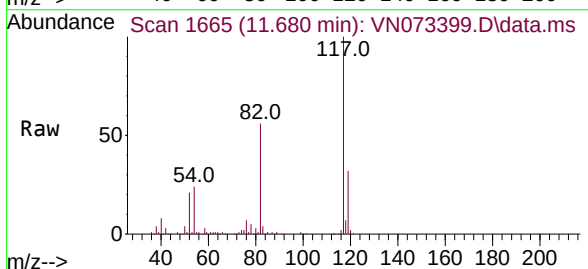
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

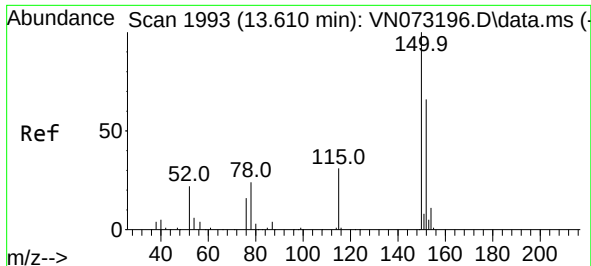
Tgt Ion: 95 Resp: 225078
Ion Ratio Lower Upper
95 100
174 74.3 0.0 167.6
176 71.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073399.D
Acq: 08 Jul 2022 17:44

Tgt Ion: 117 Resp: 449598
Ion Ratio Lower Upper
117 100
82 55.7 44.2 66.2
119 32.0 25.4 38.0

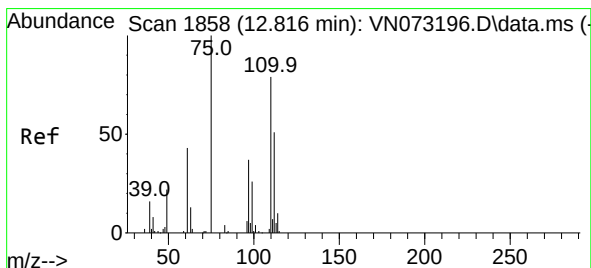
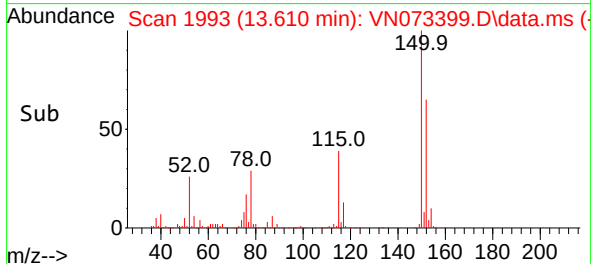
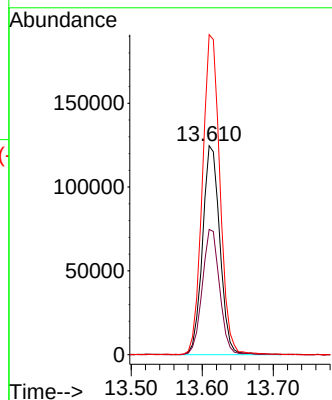
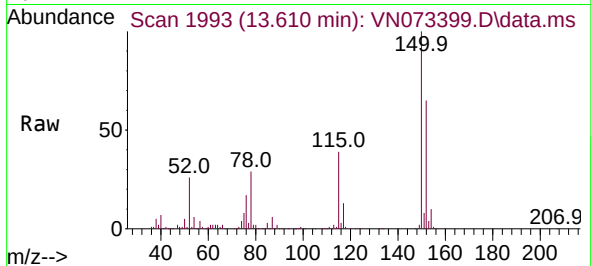




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073399.D
Acq: 08 Jul 2022 17:44

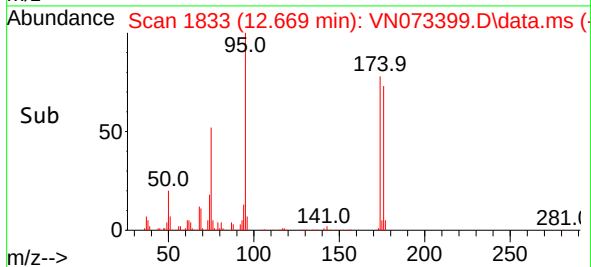
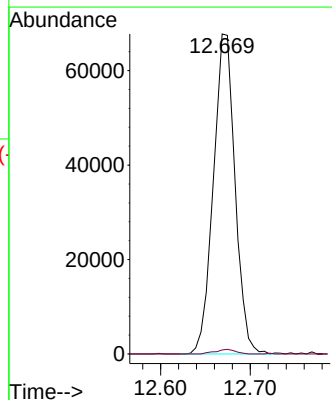
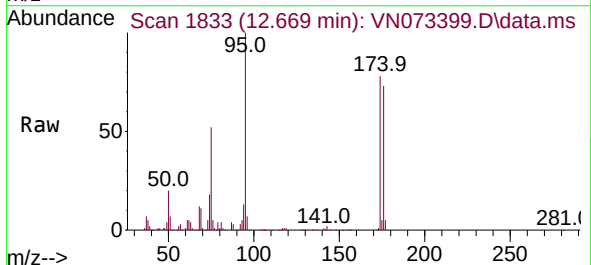
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SOIL-REF-6

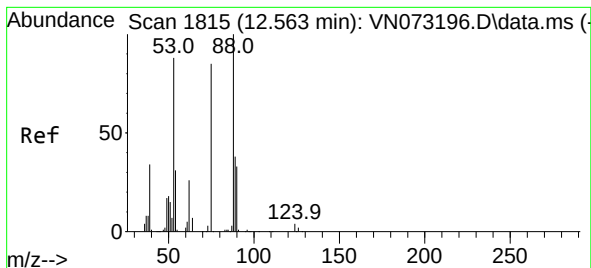
Tgt Ion:152 Resp: 211823
Ion Ratio Lower Upper
152 100
115 60.2 28.9 86.7
150 155.2 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 20.562 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073399.D
Acq: 08 Jul 2022 17:44

Tgt Ion: 75 Resp: 113889
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#

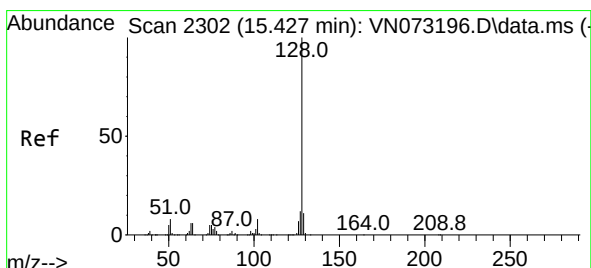
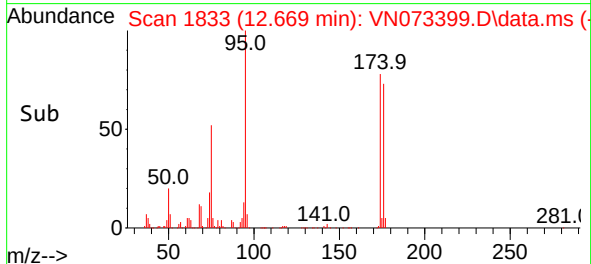
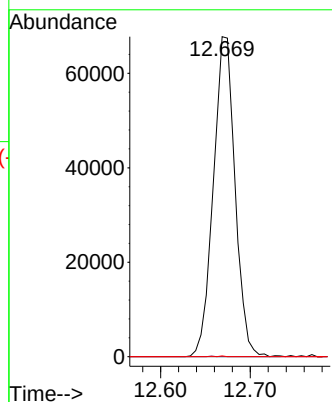
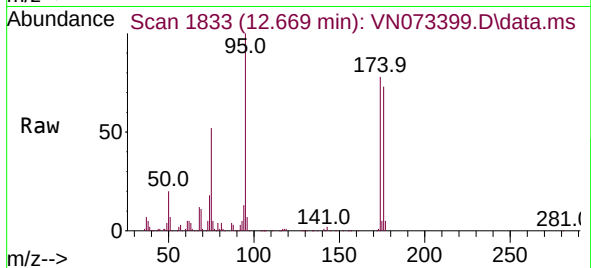




#81
trans-1,4-Dichloro-2-butene
Concen: 56.391 ug/l
RT: 12.669 min Scan# 1815
Delta R.T. 0.106 min
Lab File: VN073399.D
Acq: 08 Jul 2022 17:44

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

Tgt Ion: 75 Resp: 113889
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 37.2 55.8#



#95
Naphthalene
Concen: 0.320 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073399.D
Acq: 08 Jul 2022 17:44

Tgt Ion:128 Resp: 5226
Ion Ratio Lower Upper
128 100
127 14.1 10.3 15.5
129 8.6 8.6 13.0#

