

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070822\
 Data File : VN073401.D
 Acq On : 08 Jul 2022 18:33
 Operator : JC\MD
 Sample : N3657-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Jul 09 05:29:28 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)

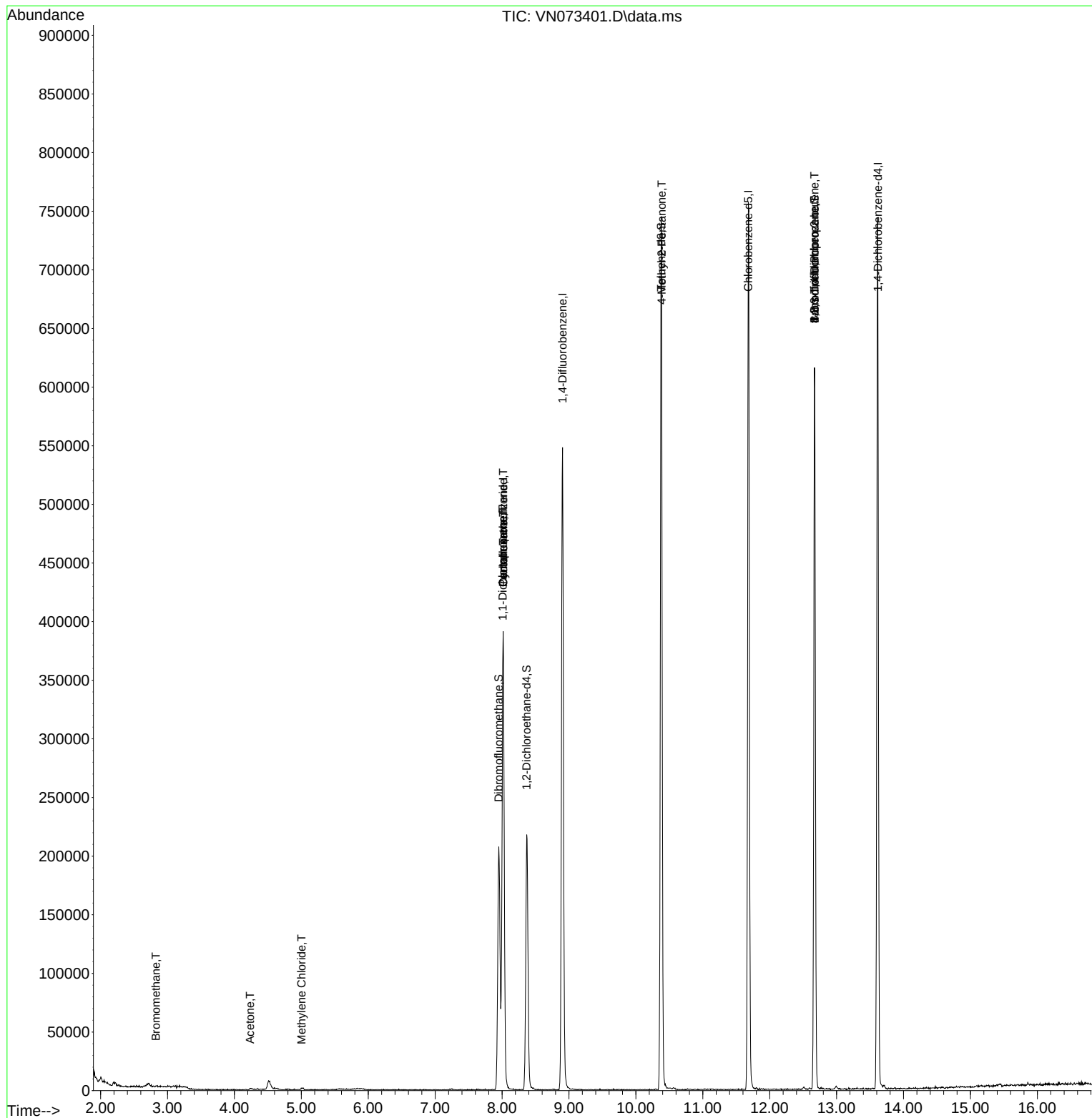
Internal Standards						
1) Pentafluorobenzene	8.016	168	293370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	484009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	440054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	201425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	184828	43.642	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.280%
35) Dibromofluoromethane	7.951	113	154722	48.048	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.100%
50) Toluene-d8	10.380	98	506746	44.308	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.620%
62) 4-Bromofluorobenzene	12.669	95	215126	48.946	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.900%
Target Compounds						
					Qvalue	
5) Bromomethane	2.828	94	386	0.231	ug/l #	61
16) Acetone	4.234	43	2151	0.905	ug/l #	74
20) Methylene Chloride	5.004	84	1383	0.331	ug/l #	51
31) Cyclohexane	8.016	56	6832	0.985	ug/l #	40
36) 1,1-Dichloropropene	8.010	75	24663	4.978	ug/l #	49
38) Carbon Tetrachloride	8.016	117	30704	5.992	ug/l #	16
51) 4-Methyl-2-Pentanone	10.386	43	2652	0.389	ug/l #	1
71) Bromoform	12.669	173	1531	0.572	ug/l #	1
76) 1,2,3-Trichloropropane	12.669	75	113814	21.609	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	113814	59.263	ug/l #	10

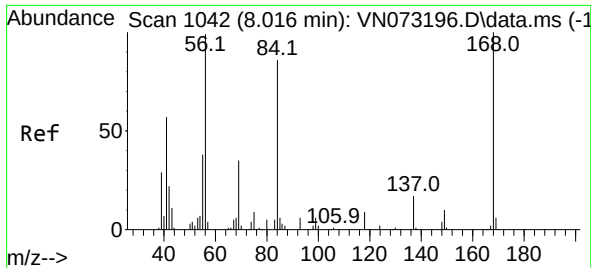
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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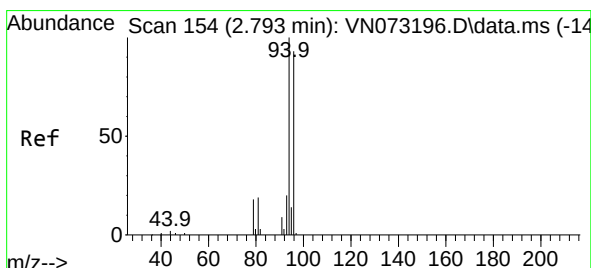
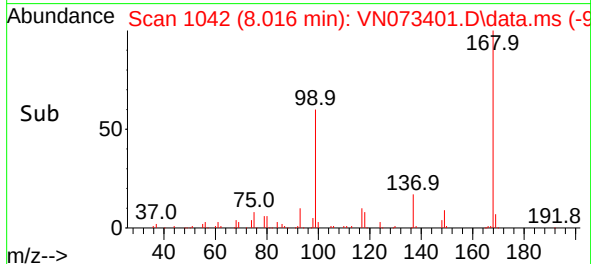
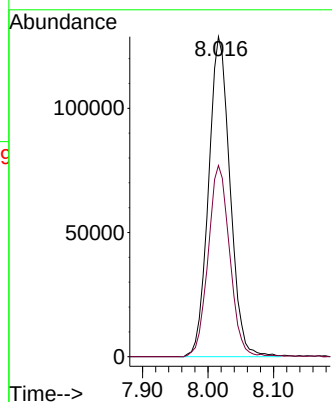
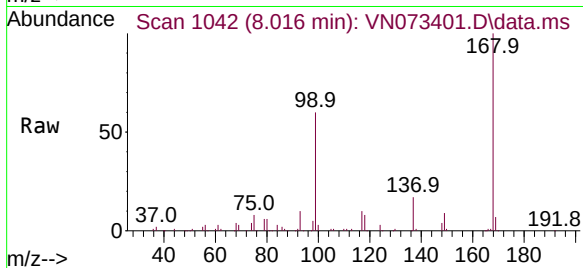




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073401.D
Acq: 08 Jul 2022 18:33

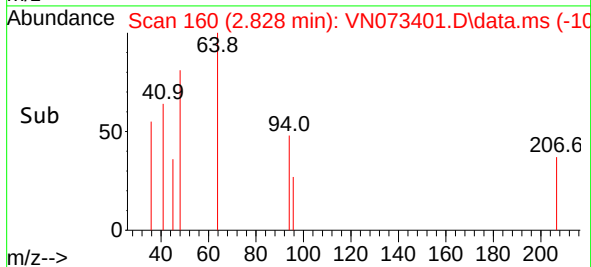
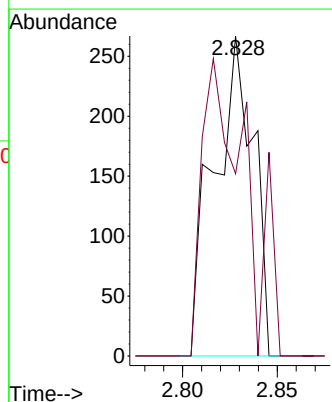
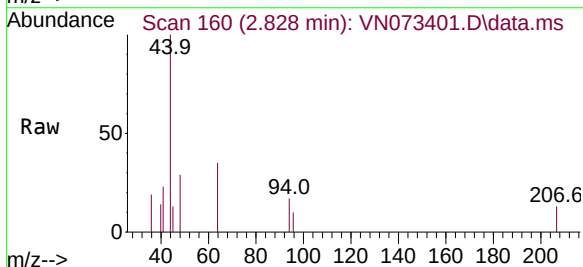
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

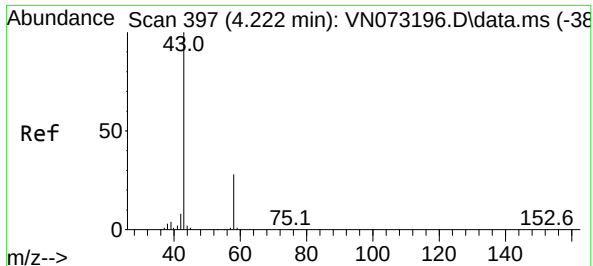
Tgt Ion:168 Resp: 293370
Ion Ratio Lower Upper
168 100
99 59.8 42.3 63.5



#5
Bromomethane
Concen: 0.231 ug/l
RT: 2.828 min Scan# 160
Delta R.T. 0.035 min
Lab File: VN073401.D
Acq: 08 Jul 2022 18:33

Tgt Ion: 94 Resp: 386
Ion Ratio Lower Upper
94 100
96 56.9 76.0 114.0#

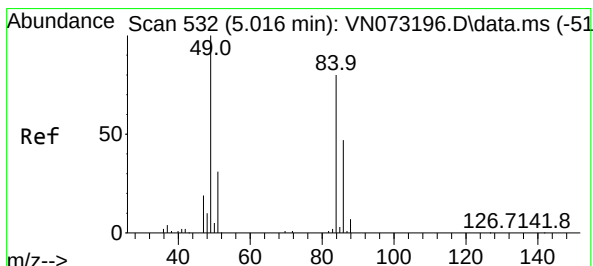
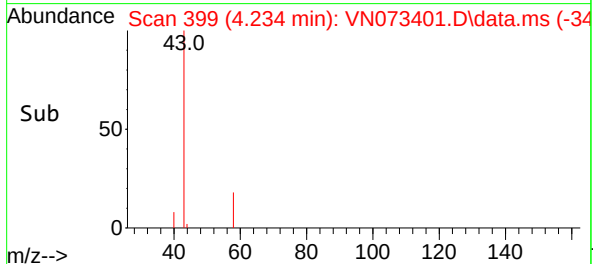
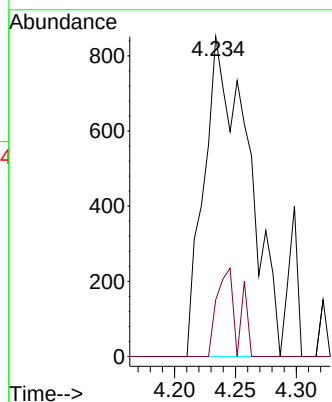
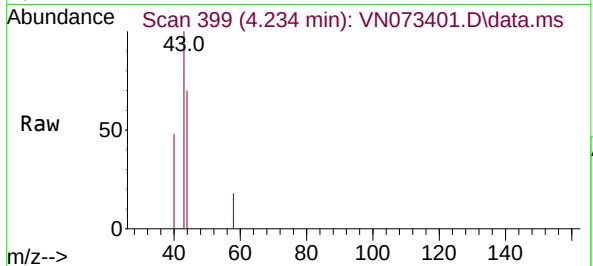




#16
Acetone
Concen: 0.905 ug/l
RT: 4.234 min Scan# 397
Delta R.T. 0.012 min
Lab File: VN073401.D
Acq: 08 Jul 2022 18:33

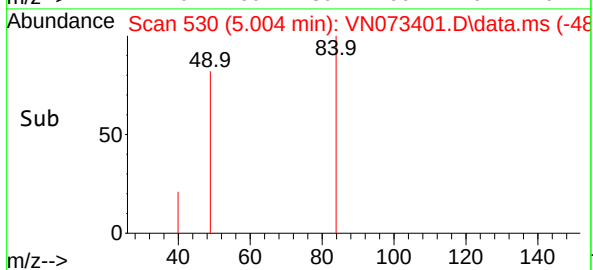
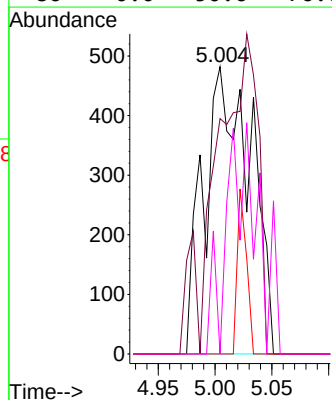
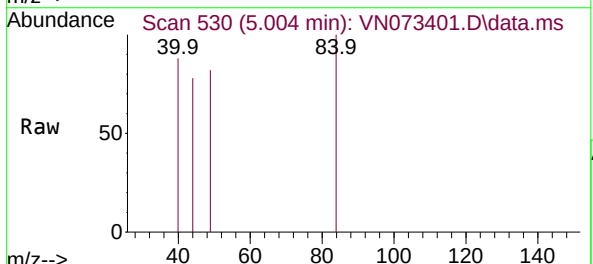
Instrument :
MSVOA_N
ClientSampleId :
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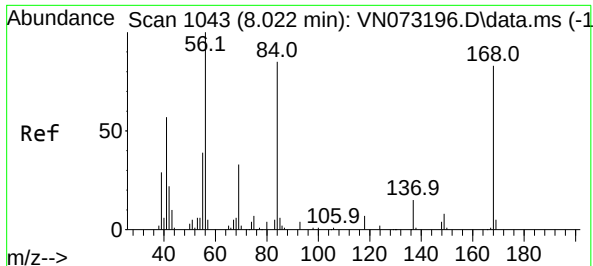
Tgt Ion: 43 Resp: 2151
Ion Ratio Lower Upper
43 100
58 17.7 26.0 39.0#



#20
Methylene Chloride
Concen: 0.331 ug/l
RT: 5.004 min Scan# 530
Delta R.T. -0.012 min
Lab File: VN073401.D
Acq: 08 Jul 2022 18:33

Tgt Ion: 84 Resp: 1383
Ion Ratio Lower Upper
84 100
49 82.0 88.3 132.5#
51 0.0 28.2 42.2#
86 0.0 50.6 76.0#

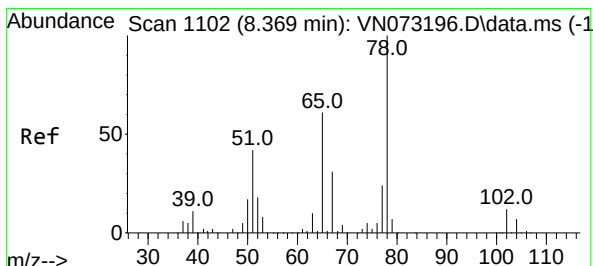
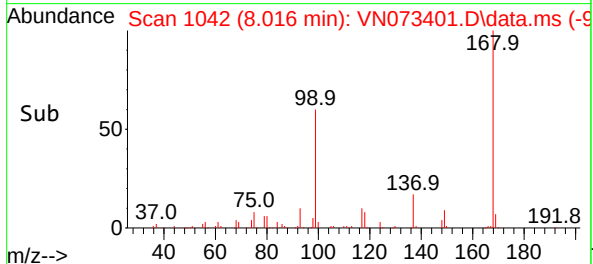
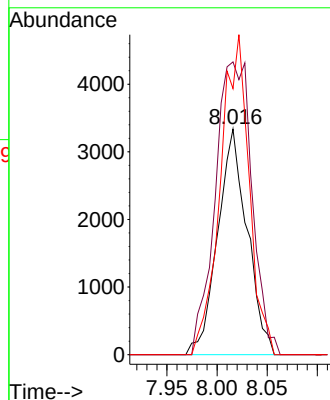
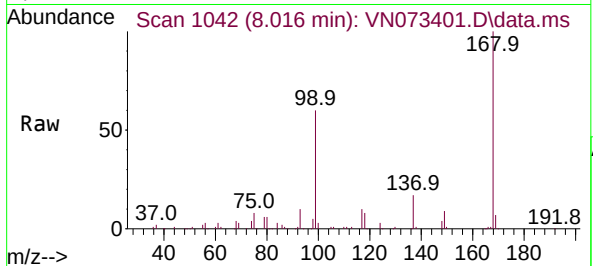




#31
Cyclohexane
Concen: 0.985 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073401.D
Acq: 08 Jul 2022 18:33

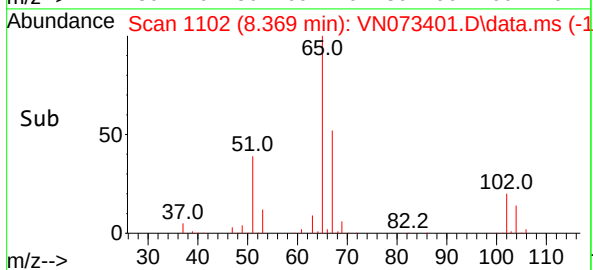
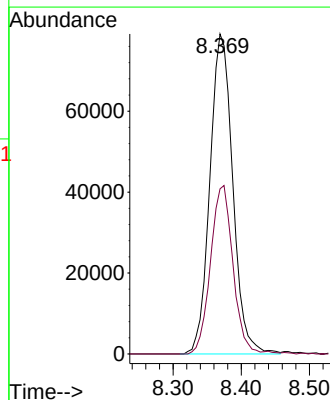
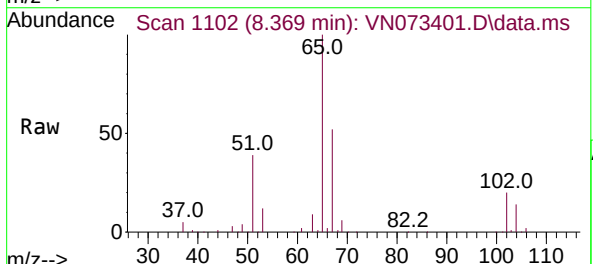
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

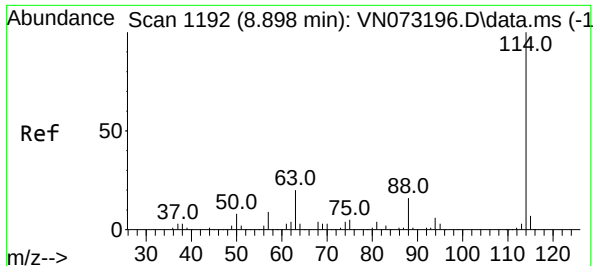
Tgt Ion: 56 Resp: 6832
Ion Ratio Lower Upper
56 100
69 129.7 27.8 41.8#
84 117.9 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 43.642 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073401.D
Acq: 08 Jul 2022 18:33

Tgt Ion: 65 Resp: 184828
Ion Ratio Lower Upper
65 100
67 51.7 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: VN073401.D

Acq: 08 Jul 2022 18:33

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

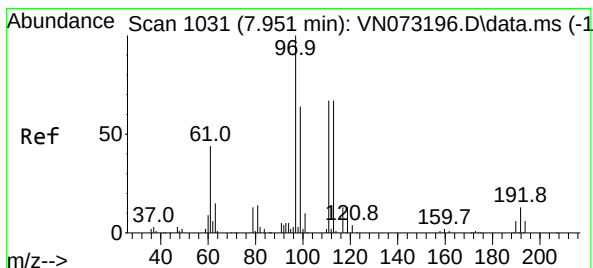
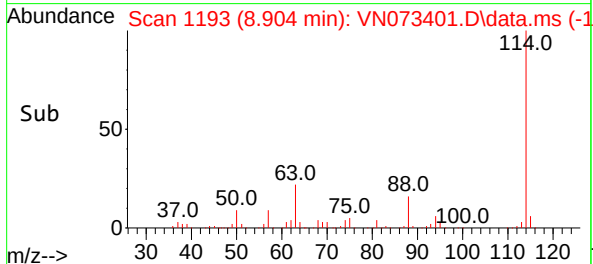
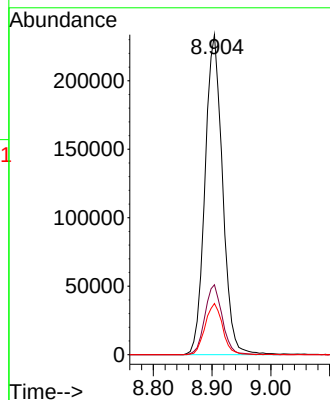
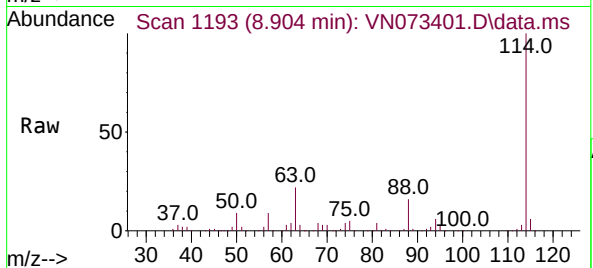
Tgt Ion:114 Resp: 484009

Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.0

88 16.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.048 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073401.D

Acq: 08 Jul 2022 18:33

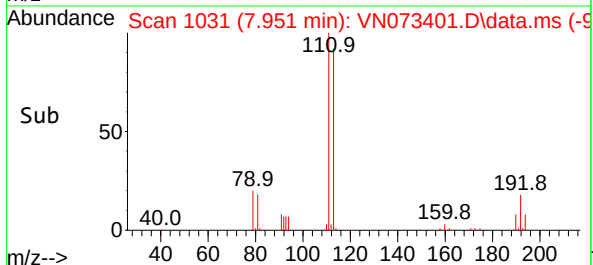
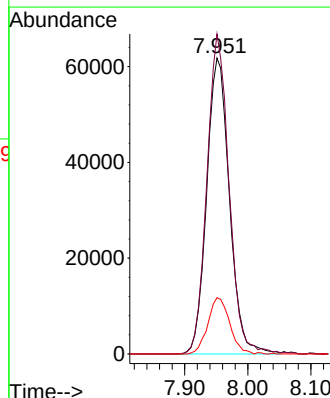
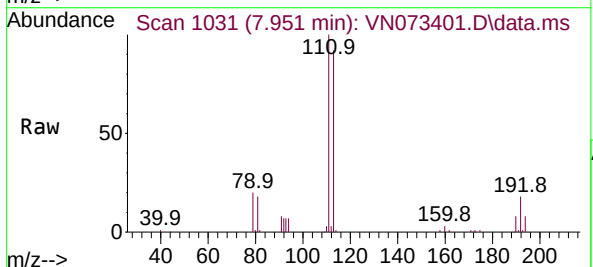
Tgt Ion:113 Resp: 154722

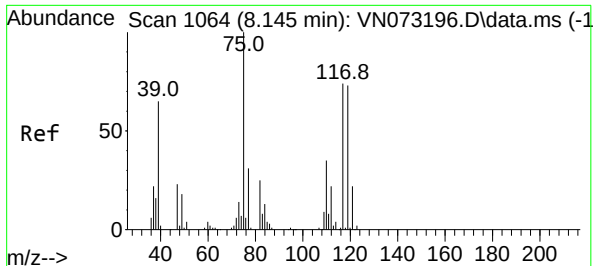
Ion Ratio Lower Upper

113 100

111 105.3 81.4 122.0

192 18.2 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.978 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.135 min

Lab File: VN073401.D

Acq: 08 Jul 2022 18:33

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

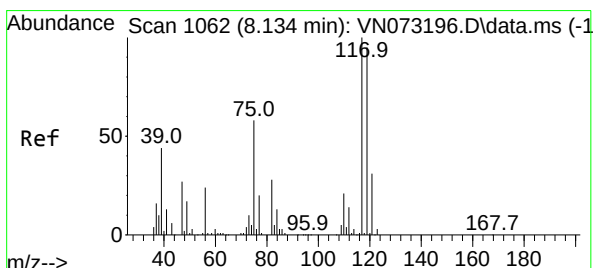
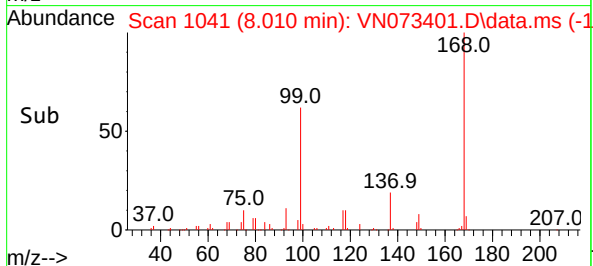
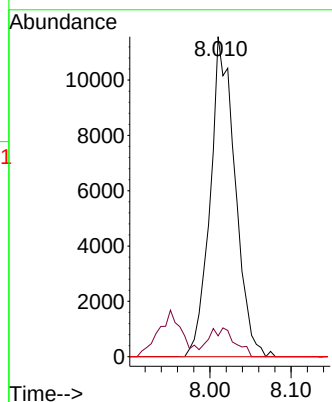
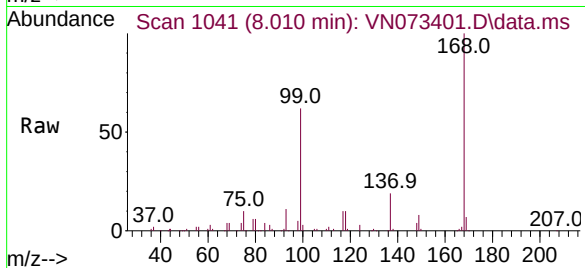
Tgt Ion: 75 Resp: 24663

Ion Ratio Lower Upper

75 100

110 9.3 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.992 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN073401.D

Acq: 08 Jul 2022 18:33

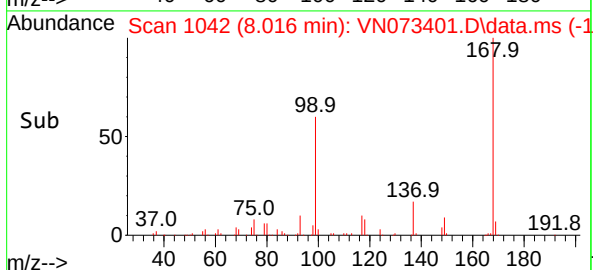
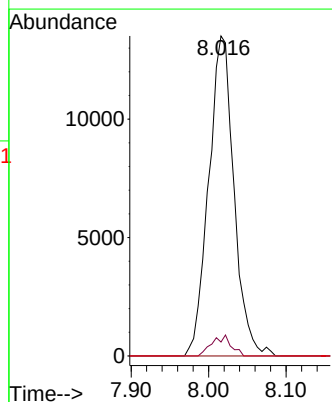
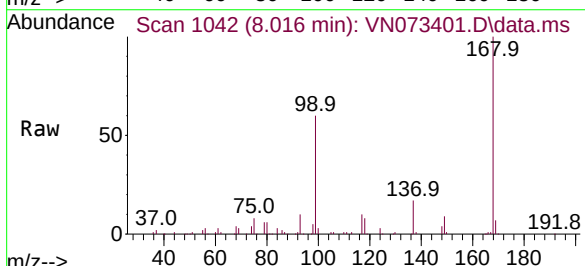
Tgt Ion: 117 Resp: 30704

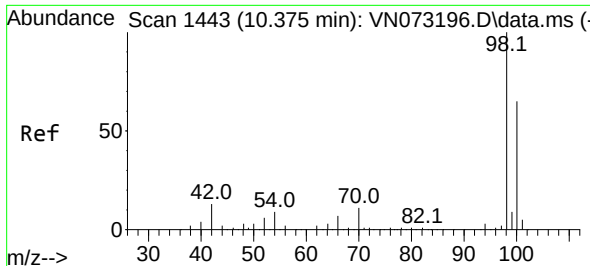
Ion Ratio Lower Upper

117 100

119 4.4 75.8 113.8#

121 0.0 24.6 37.0#

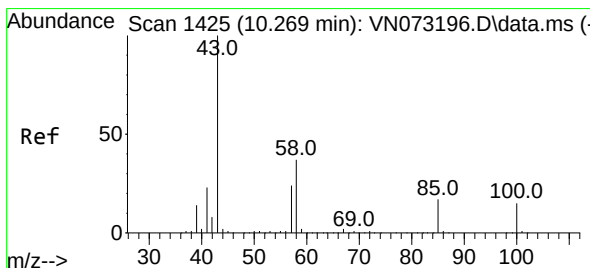
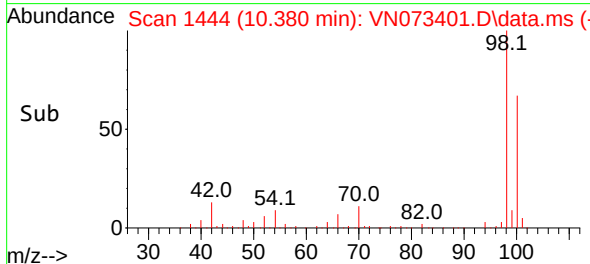
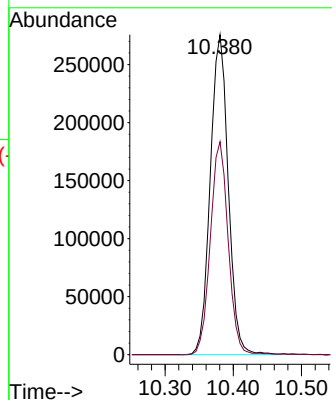
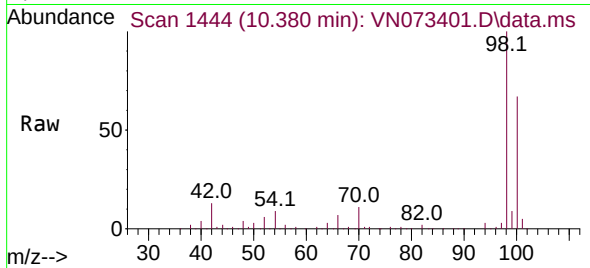




#50
Toluene-d8
Concen: 44.308 ug/l
RT: 10.380 min Scan# 1443
Delta R.T. 0.005 min
Lab File: VN073401.D
Acq: 08 Jul 2022 18:33

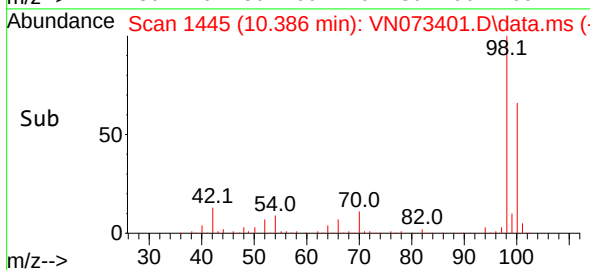
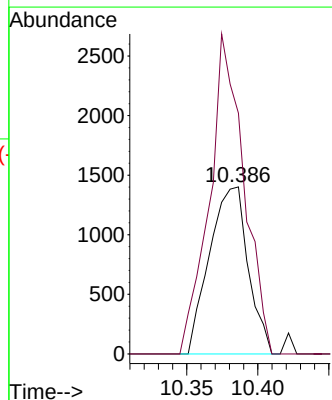
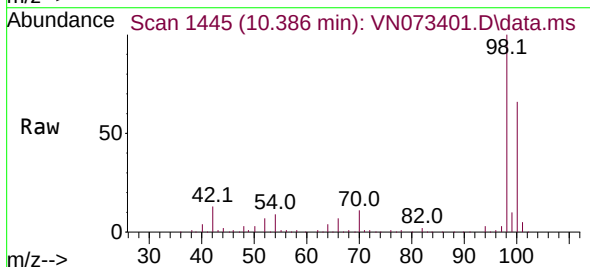
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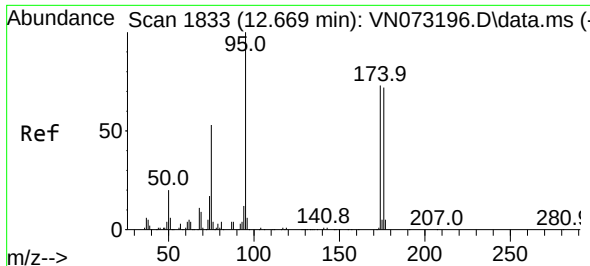
Tgt Ion: 98 Resp: 506746
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.389 ug/l
RT: 10.386 min Scan# 1445
Delta R.T. 0.117 min
Lab File: VN073401.D
Acq: 08 Jul 2022 18:33

Tgt Ion: 43 Resp: 2652
Ion Ratio Lower Upper
43 100
58 170.8 34.1 51.1#

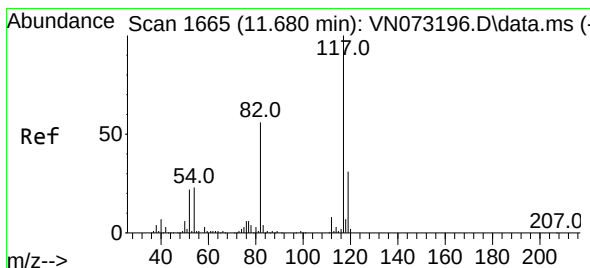
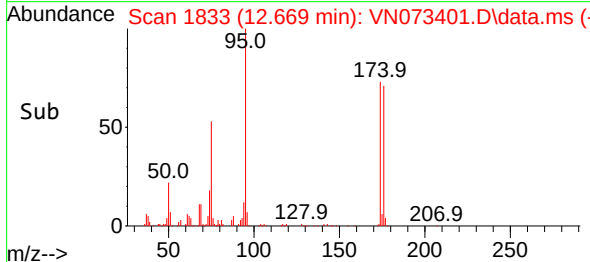
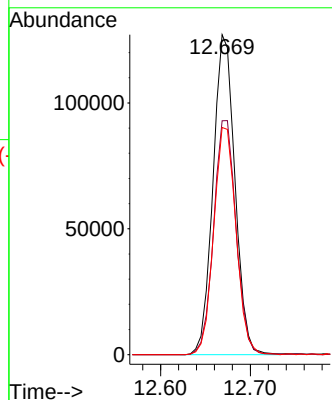
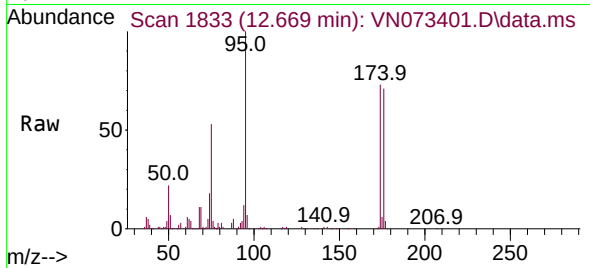




#62
4-Bromofluorobenzene
Concen: 48.946 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073401.D
Acq: 08 Jul 2022 18:33

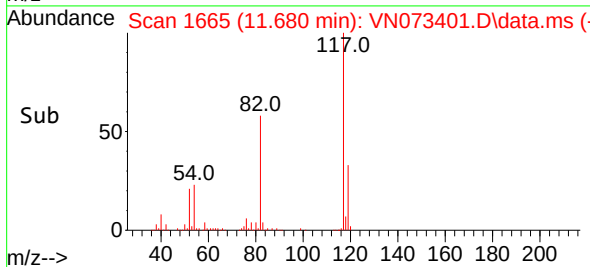
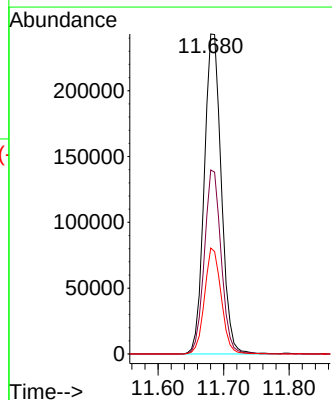
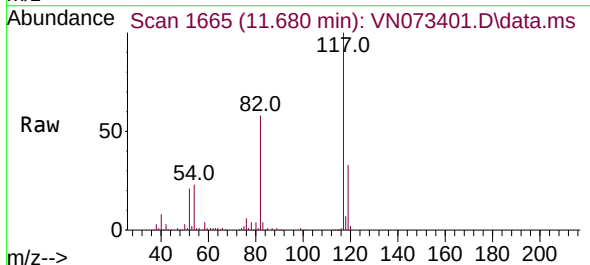
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

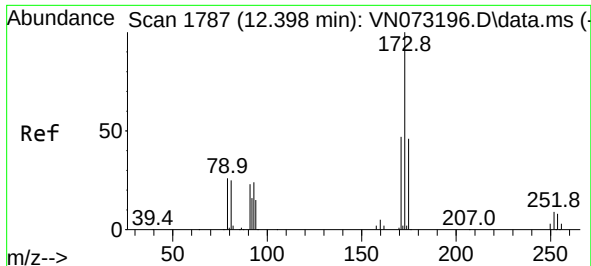
Tgt Ion: 95 Resp: 215126
Ion Ratio Lower Upper
95 100
174 74.9 0.0 167.6
176 72.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073401.D
Acq: 08 Jul 2022 18:33

Tgt Ion: 117 Resp: 440054
Ion Ratio Lower Upper
117 100
82 57.5 44.2 66.2
119 33.1 25.4 38.0

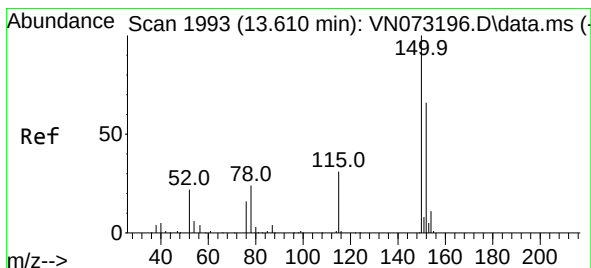
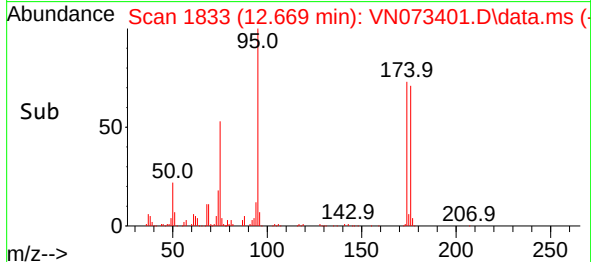
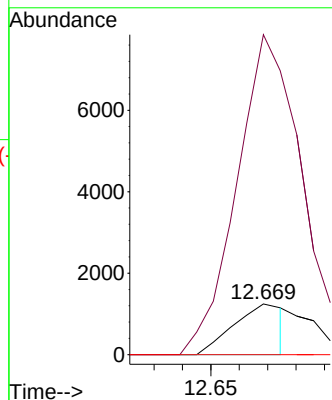
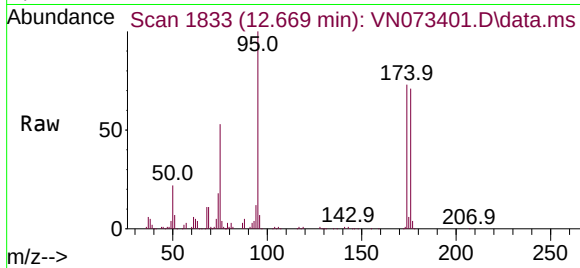




#71
Bromoform
Concen: 0.572 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN073401.D
Acq: 08 Jul 2022 18:33

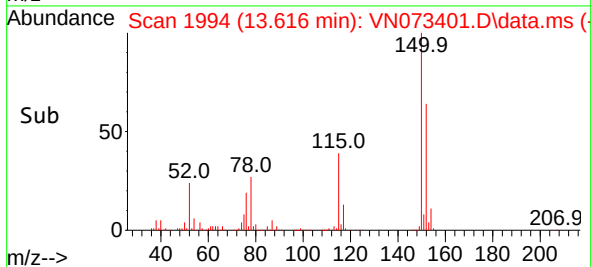
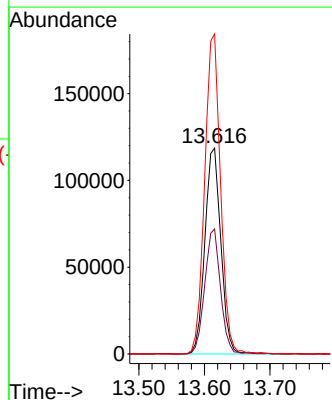
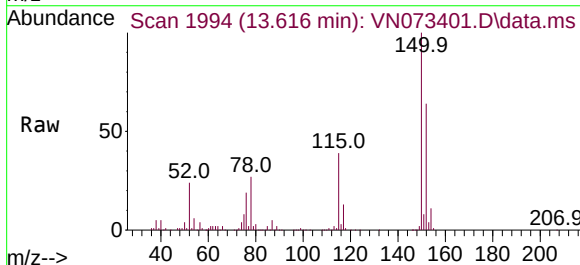
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

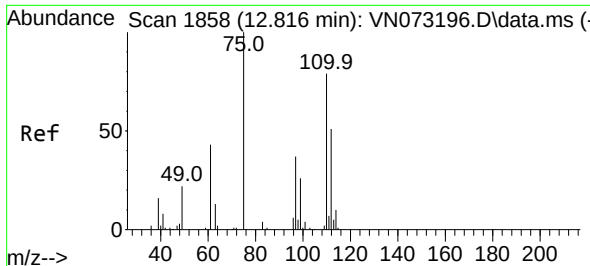
Tgt Ion:173 Resp: 1531
Ion Ratio Lower Upper
173 100
175 590.7 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VN073401.D
Acq: 08 Jul 2022 18:33

Tgt Ion:152 Resp: 201425
Ion Ratio Lower Upper
152 100
115 59.9 28.9 86.7
150 154.3 0.0 356.2

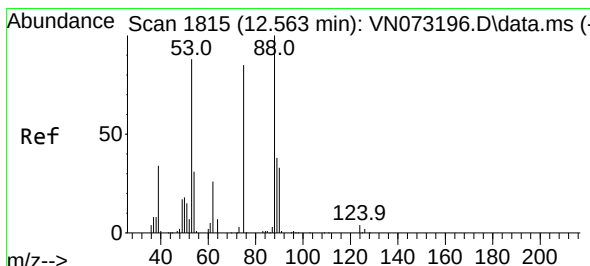
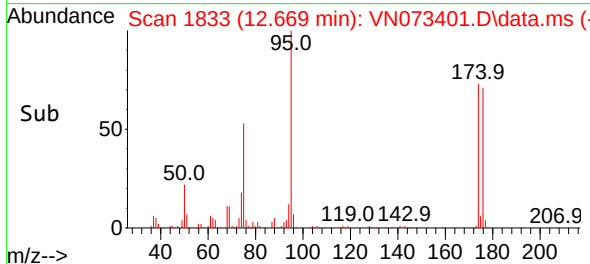
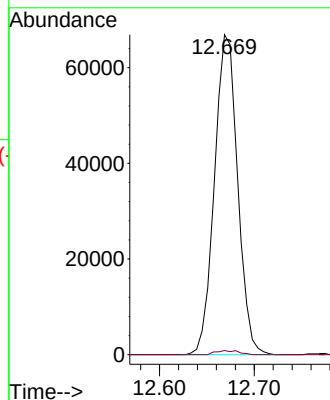
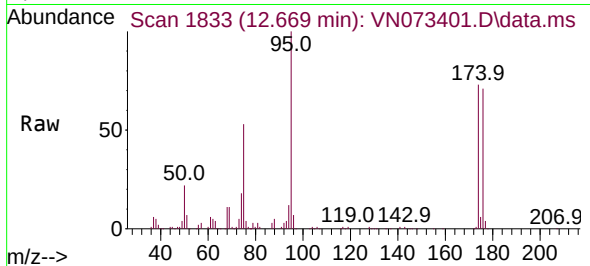




#76
1,2,3-Trichloropropane
Concen: 21.609 ug/l
RT: 12.669 min Scan# 1858
Delta R.T. -0.147 min
Lab File: VN073401.D
Acq: 08 Jul 2022 18:33

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 75 Resp: 113814
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.263 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073401.D
Acq: 08 Jul 2022 18:33

Tgt Ion: 75 Resp: 113814
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

