

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070822\
 Data File : VN073402.D
 Acq On : 08 Jul 2022 18:57
 Operator : JC\MD
 Sample : N3657-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Jul 09 05:29:46 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)

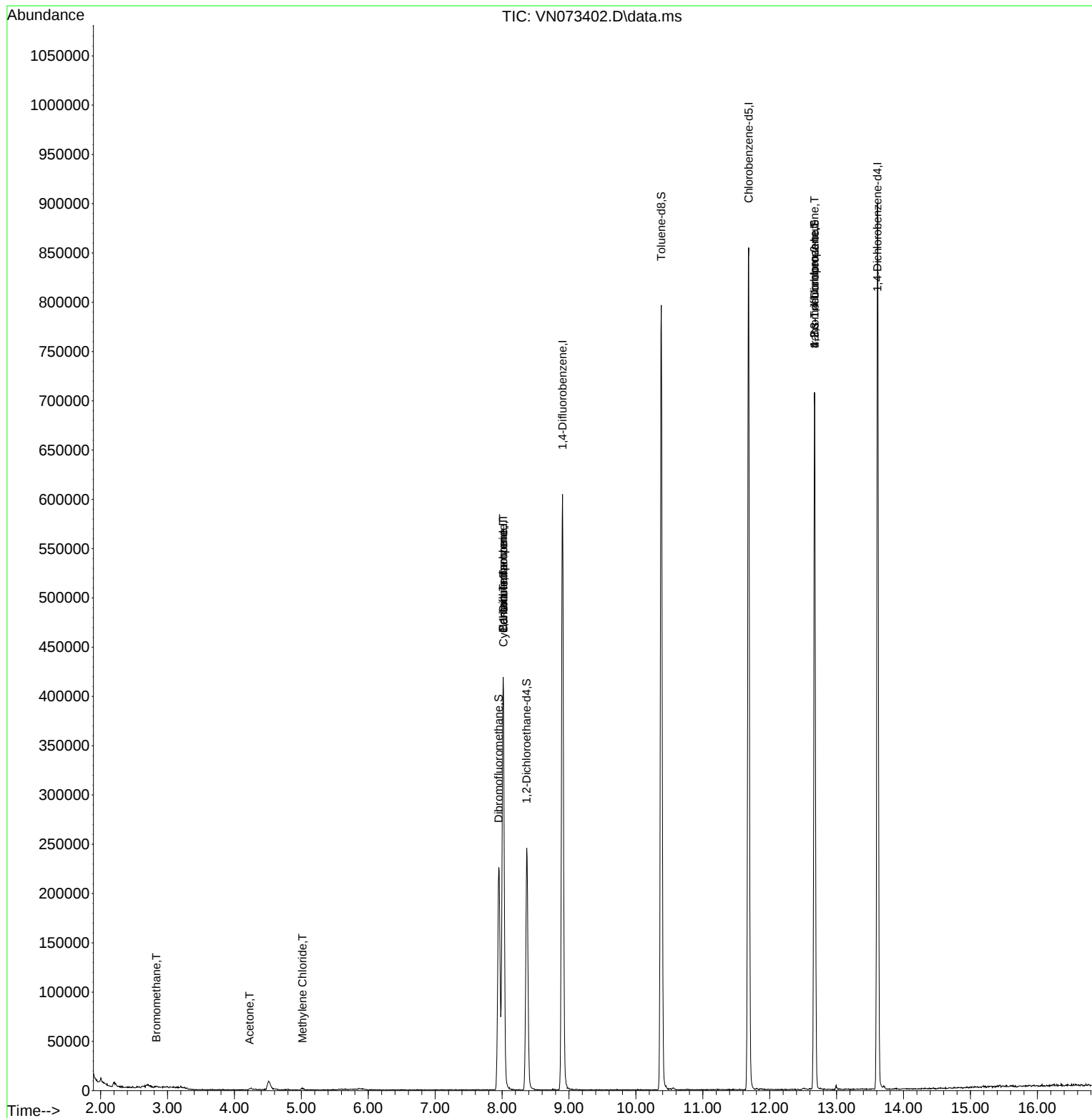
Internal Standards						
1) Pentafluorobenzene	8.016	168	313168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	533886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	494733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.609	152	238908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	207262	45.845	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.700%
35) Dibromofluoromethane	7.951	113	170737	48.068	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.140%
50) Toluene-d8	10.380	98	556206	44.089	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.180%
62) 4-Bromofluorobenzene	12.668	95	244585	50.450	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.900%
Target Compounds						
					Qvalue	
5) Bromomethane	2.834	94	369	0.207	ug/l #	2
16) Acetone	4.228	43	1651	0.651	ug/l #	42
20) Methylene Chloride	5.016	84	1131	0.254	ug/l #	80
31) Cyclohexane	8.022	56	7670	1.036	ug/l #	19
36) 1,1-Dichloropropene	8.016	75	26171	4.788	ug/l #	48
38) Carbon Tetrachloride	8.016	117	32690	5.784	ug/l #	16
76) 1,2,3-Trichloropropane	12.668	75	128108	20.507	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	128108	56.240	ug/l #	10

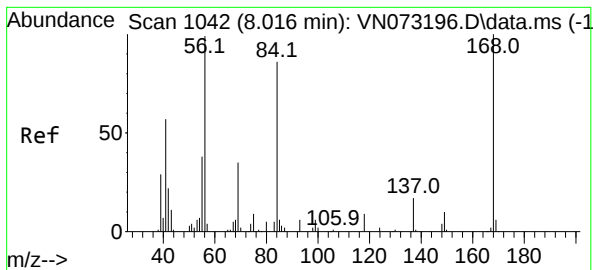
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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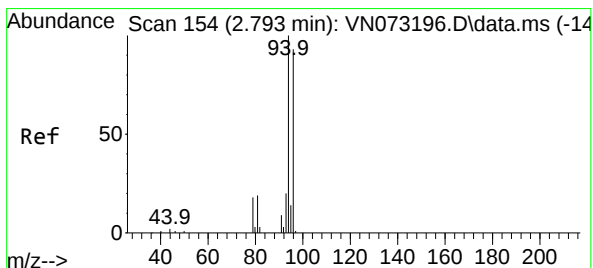
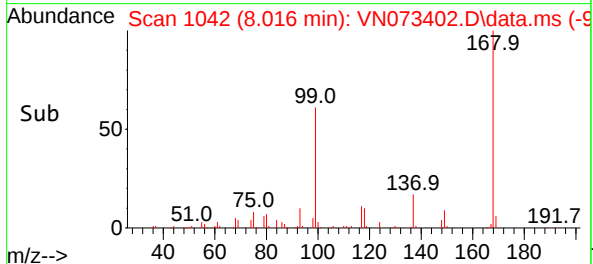
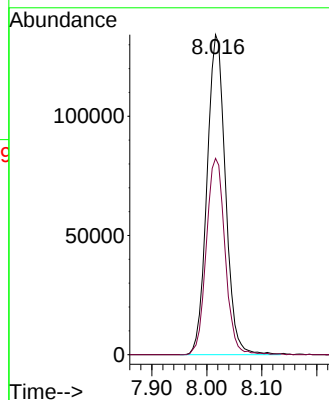
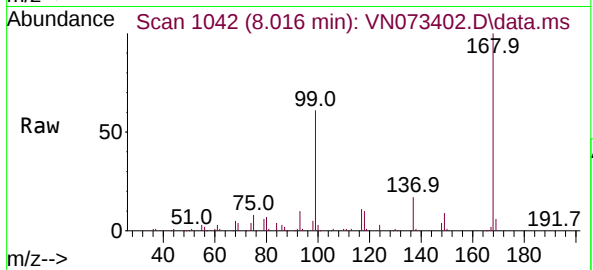




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073402.D
Acq: 08 Jul 2022 18:57

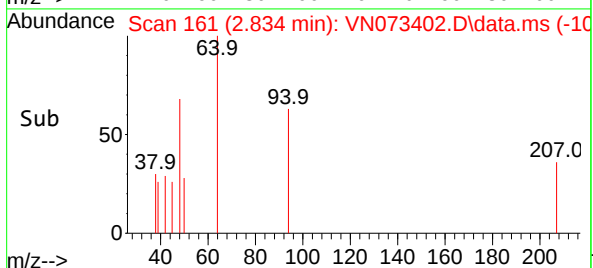
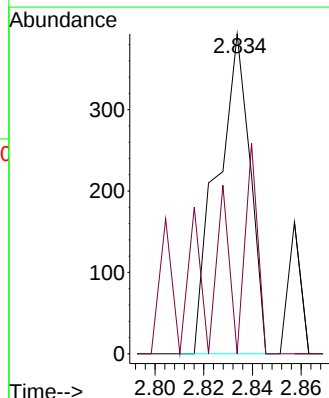
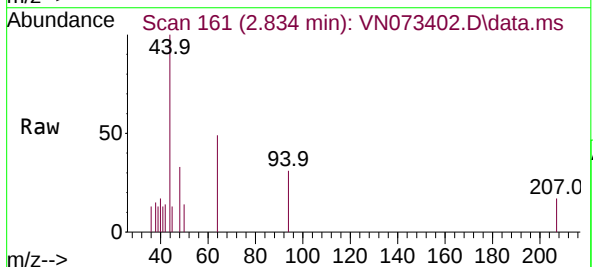
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:168 Resp: 313168
Ion Ratio Lower Upper
168 100
99 61.3 42.3 63.5



#5
Bromomethane
Concen: 0.207 ug/l
RT: 2.834 min Scan# 161
Delta R.T. 0.041 min
Lab File: VN073402.D
Acq: 08 Jul 2022 18:57

Tgt Ion: 94 Resp: 369
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#

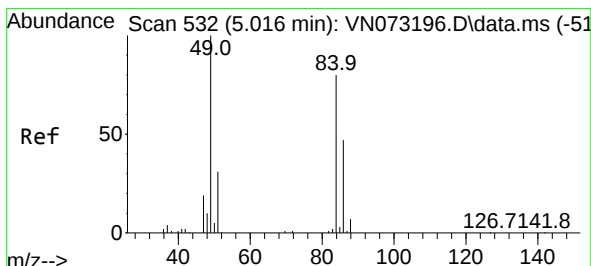
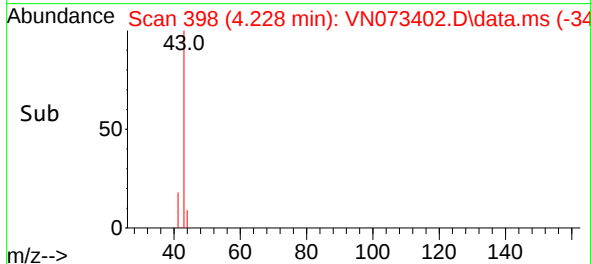
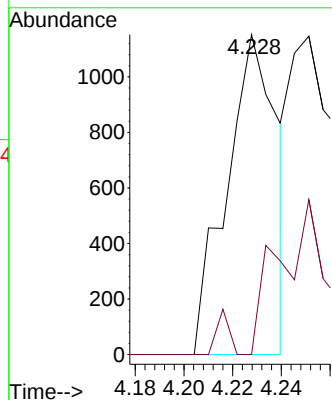
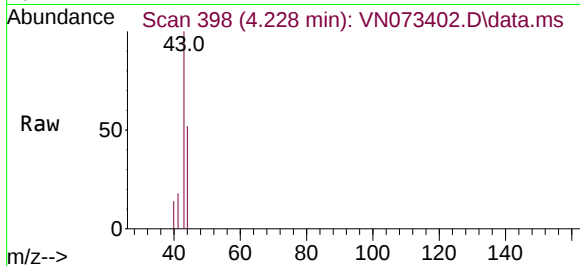




#16
Acetone
Concen: 0.651 ug/l
RT: 4.228 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN073402.D
Acq: 08 Jul 2022 18:57

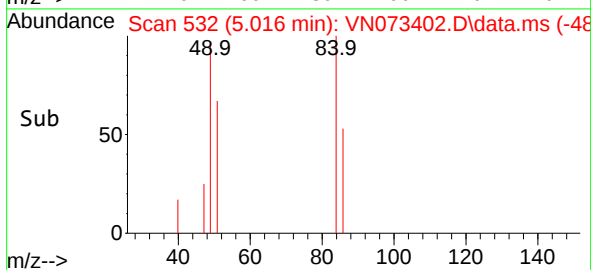
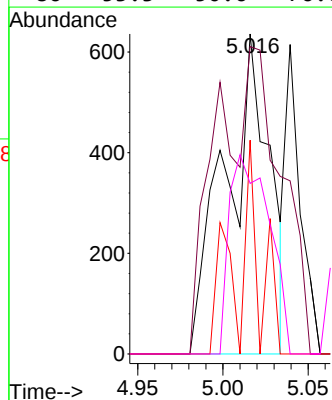
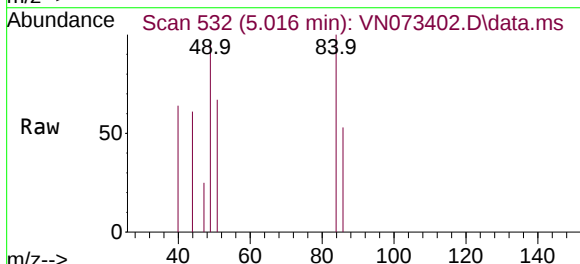
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

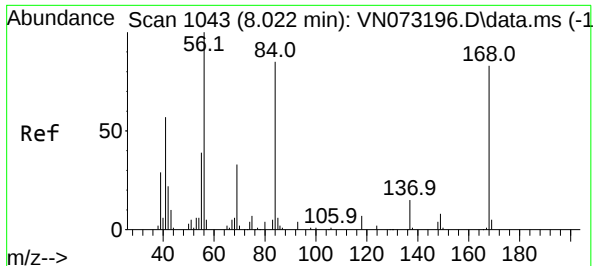
Tgt Ion: 43 Resp: 1651
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#20
Methylene Chloride
Concen: 0.254 ug/l
RT: 5.016 min Scan# 532
Delta R.T. -0.000 min
Lab File: VN073402.D
Acq: 08 Jul 2022 18:57

Tgt Ion: 84 Resp: 1131
Ion Ratio Lower Upper
84 100
49 96.1 88.3 132.5
51 66.8 28.2 42.2#
86 53.3 50.6 76.0

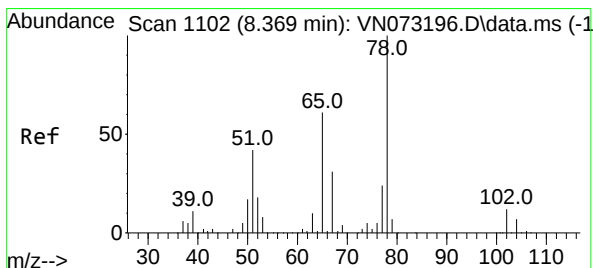
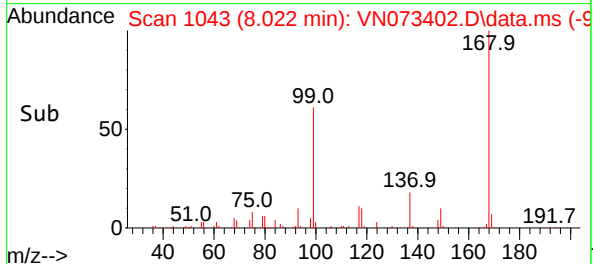
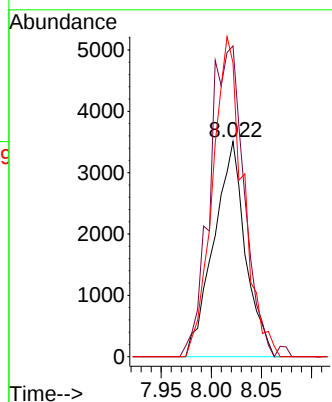
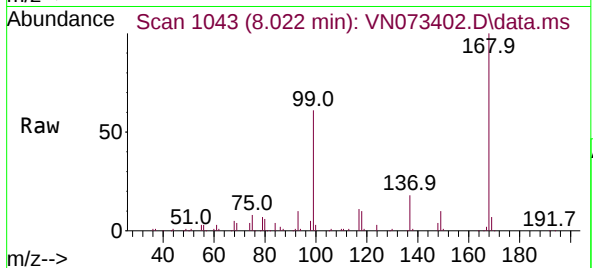




#31
Cyclohexane
Concen: 1.036 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073402.D
Acq: 08 Jul 2022 18:57

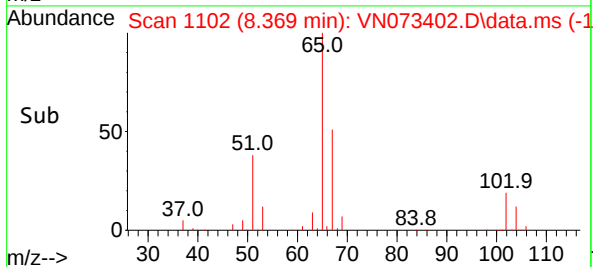
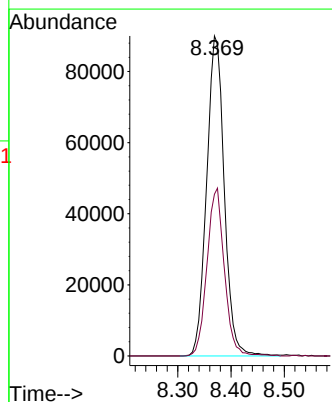
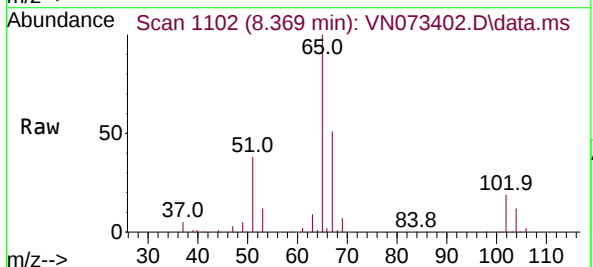
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

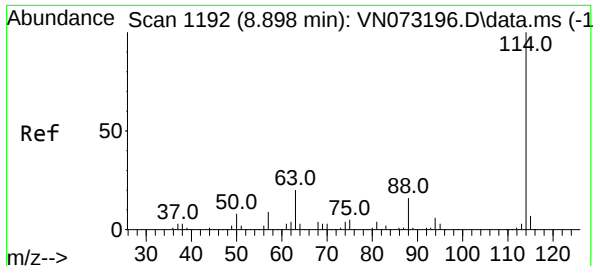
Tgt Ion: 56 Resp: 7670
Ion Ratio Lower Upper
56 100
69 144.3 27.8 41.8#
84 136.5 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 45.845 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073402.D
Acq: 08 Jul 2022 18:57

Tgt Ion: 65 Resp: 207262
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: VN073402.D

Acq: 08 Jul 2022 18:57

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

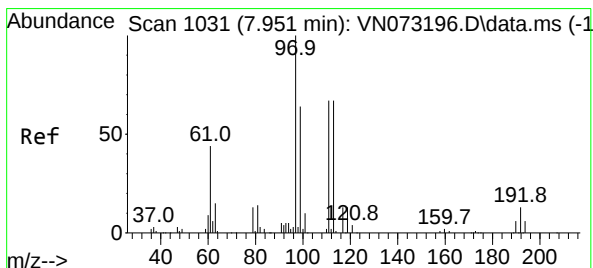
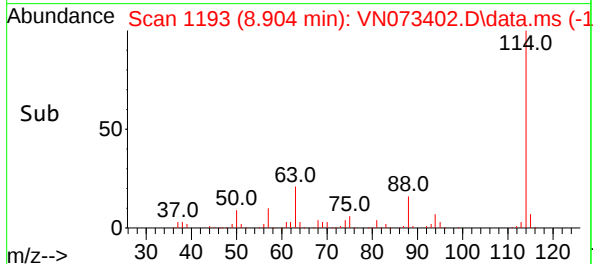
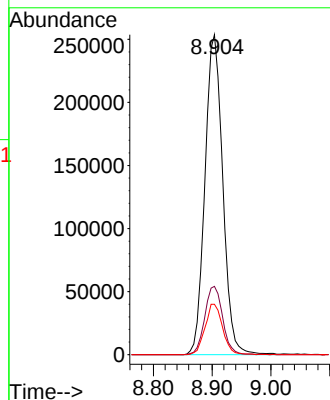
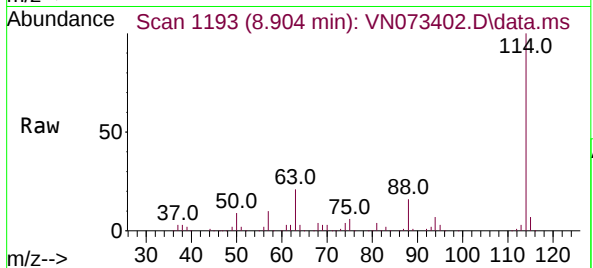
Tgt Ion:114 Resp: 533886

Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.0

88 15.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.068 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073402.D

Acq: 08 Jul 2022 18:57

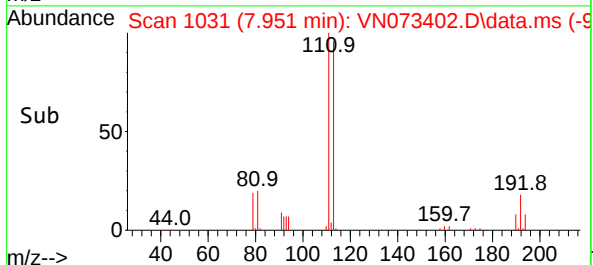
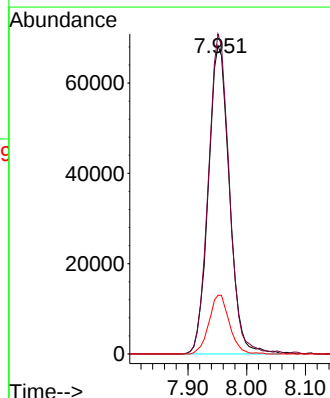
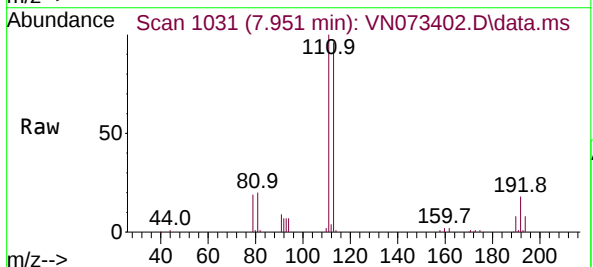
Tgt Ion:113 Resp: 170737

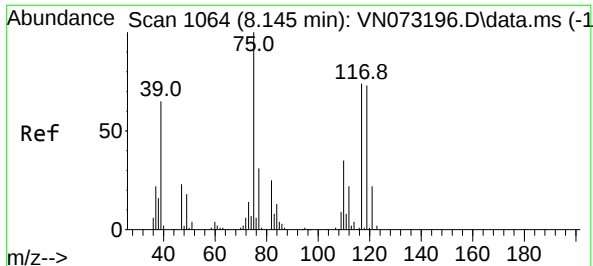
Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 18.4 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.788 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073402.D

Acq: 08 Jul 2022 18:57

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

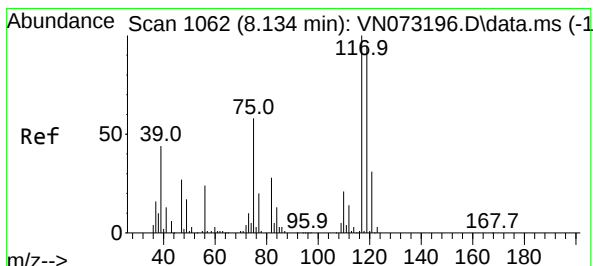
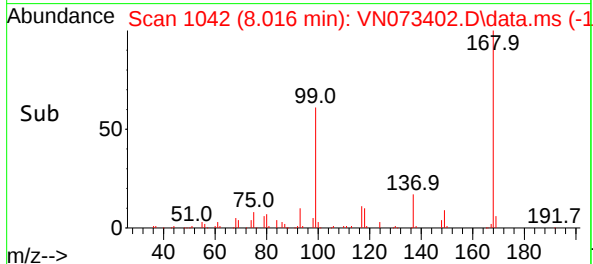
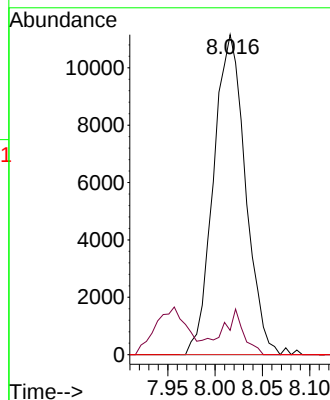
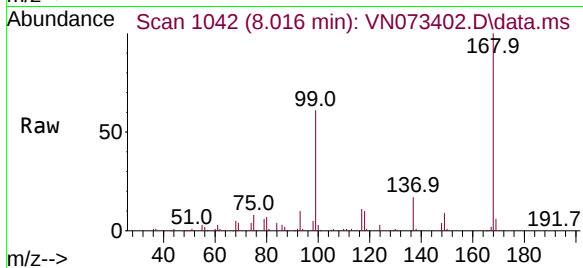
Tgt Ion: 75 Resp: 26171

Ion Ratio Lower Upper

75 100

110 8.3 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.784 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN073402.D

Acq: 08 Jul 2022 18:57

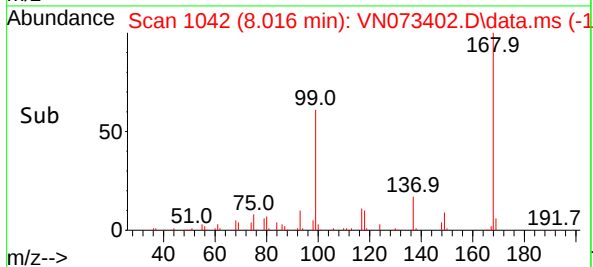
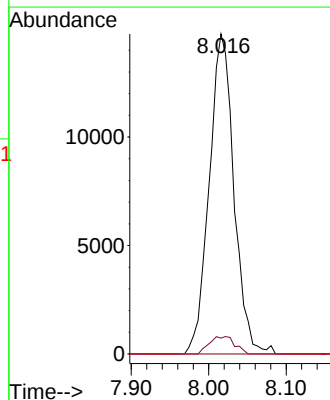
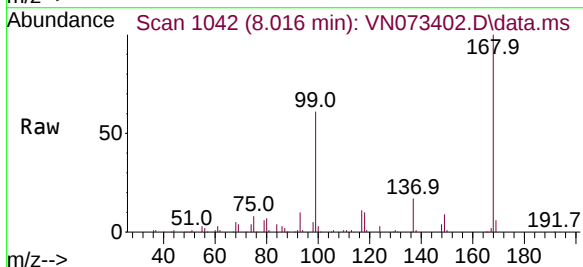
Tgt Ion: 117 Resp: 32690

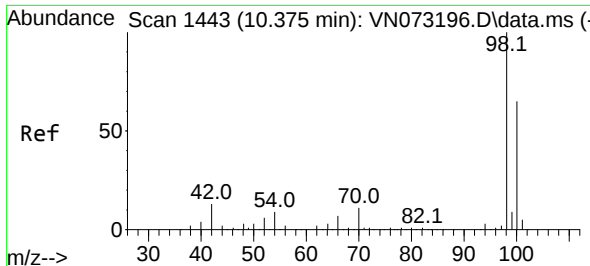
Ion Ratio Lower Upper

117 100

119 4.9 75.8 113.8#

121 0.0 24.6 37.0#

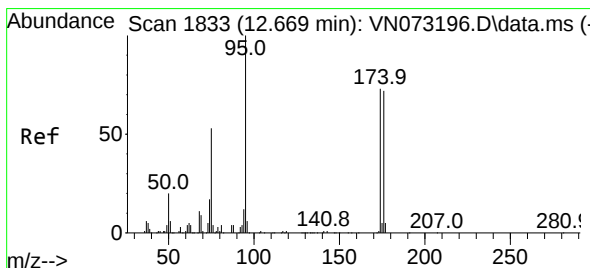
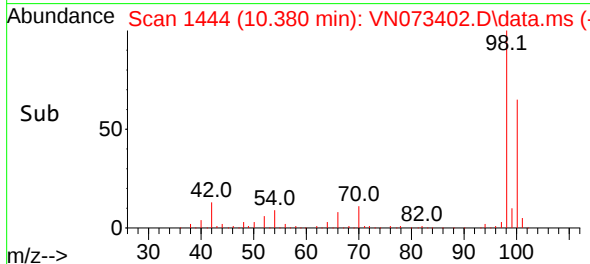
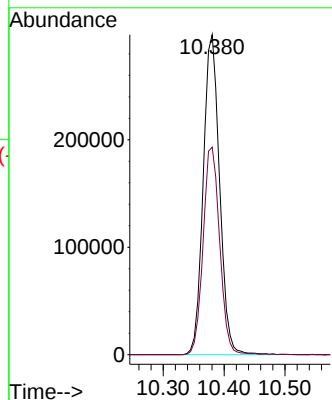
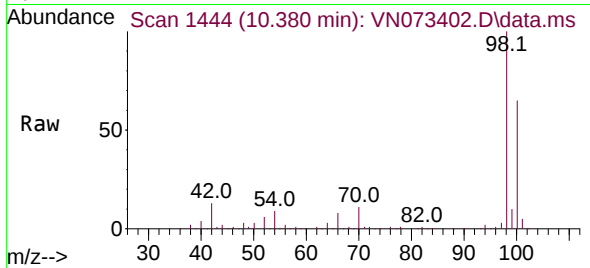




#50
Toluene-d8
Concen: 44.089 ug/l
RT: 10.380 min Scan# 1443
Delta R.T. 0.005 min
Lab File: VN073402.D
Acq: 08 Jul 2022 18:57

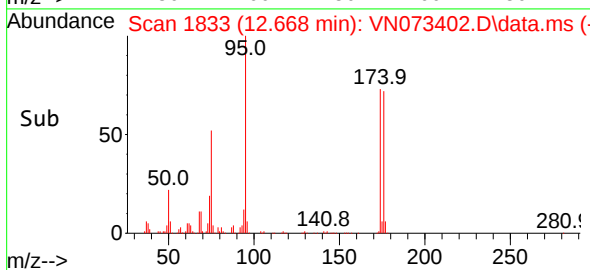
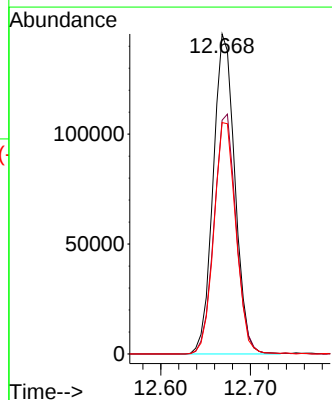
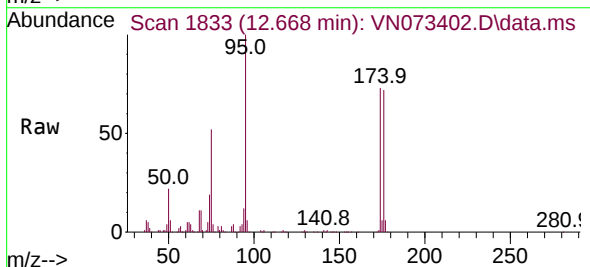
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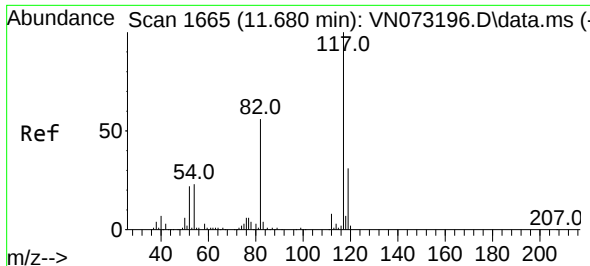
Tgt Ion: 98 Resp: 556206
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.450 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073402.D
Acq: 08 Jul 2022 18:57

Tgt Ion: 95 Resp: 244585
Ion Ratio Lower Upper
95 100
174 76.1 0.0 167.6
176 73.4 0.0 163.4

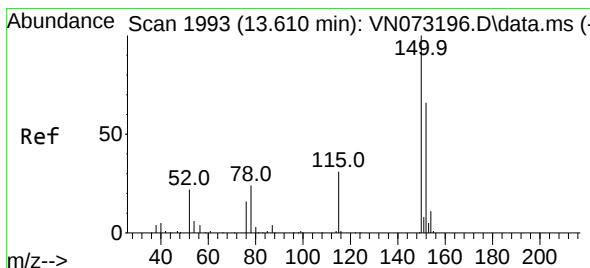
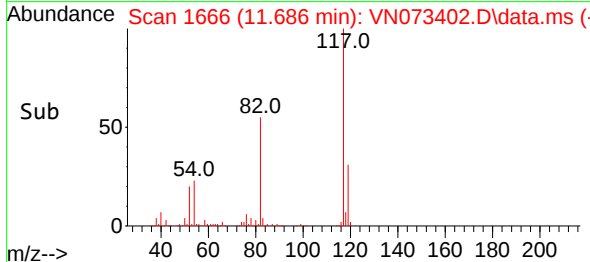
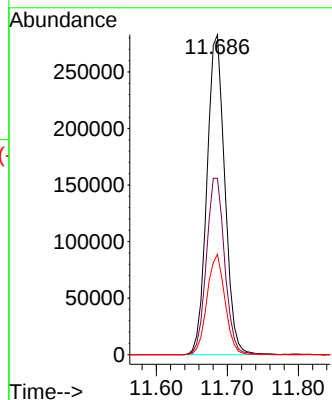
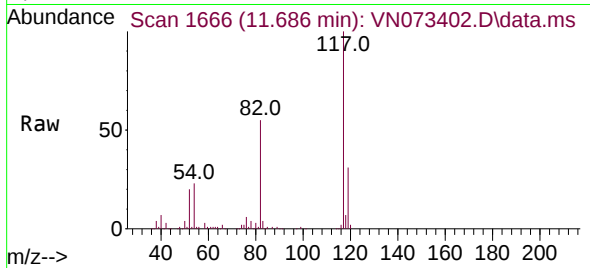




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.006 min
Lab File: VN073402.D
Acq: 08 Jul 2022 18:57

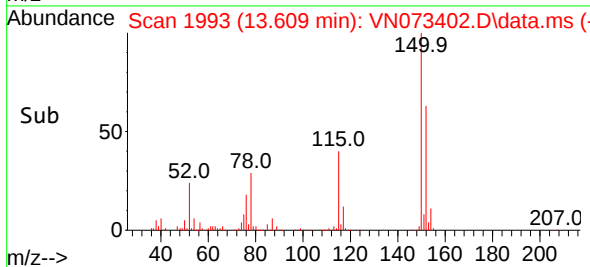
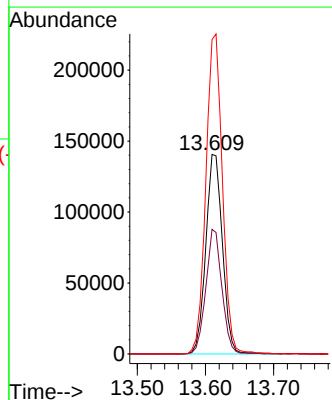
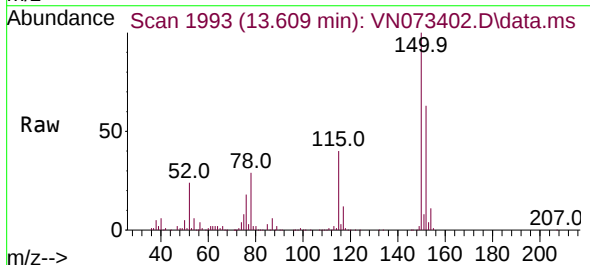
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

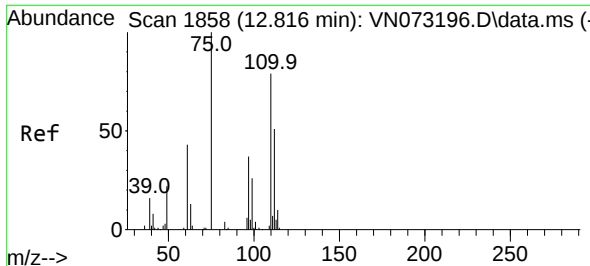
Tgt Ion:117 Resp: 494733
Ion Ratio Lower Upper
117 100
82 55.1 44.2 66.2
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.609 min Scan# 1993
Delta R.T. -0.001 min
Lab File: VN073402.D
Acq: 08 Jul 2022 18:57

Tgt Ion:152 Resp: 238908
Ion Ratio Lower Upper
152 100
115 60.4 28.9 86.7
150 159.2 0.0 356.2

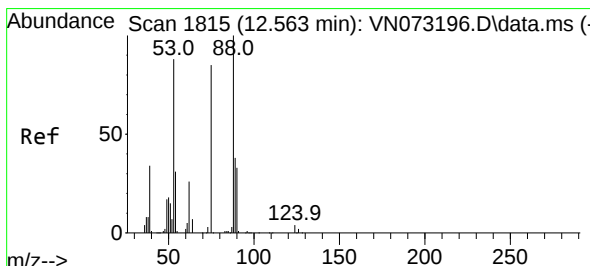
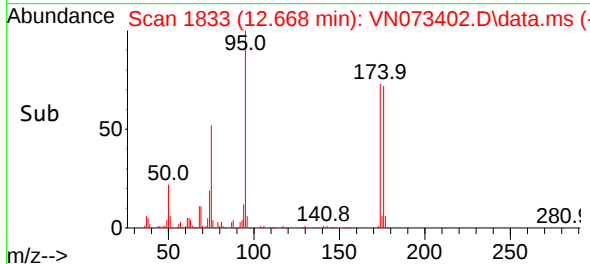
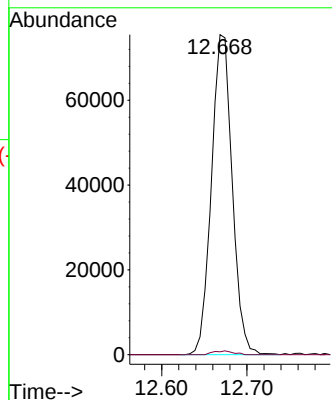
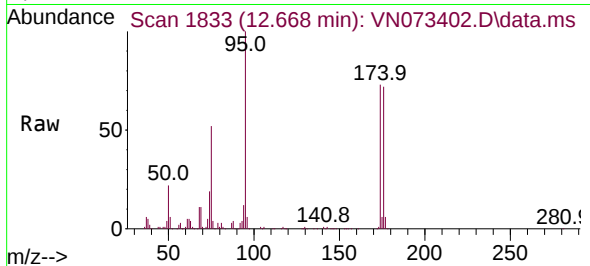




#76
1,2,3-Trichloropropane
Concen: 20.507 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.148 min
Lab File: VN073402.D
Acq: 08 Jul 2022 18:57

Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 75 Resp: 128108
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.240 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.105 min
Lab File: VN073402.D
Acq: 08 Jul 2022 18:57

Tgt Ion: 75 Resp: 128108
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 37.2 55.8#

