

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080822\
 Data File : VN073773.D
 Acq On : 08 Aug 2022 16:25
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Aug 09 00:28:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 18:07:26 2022
 Response via : Initial Calibration

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

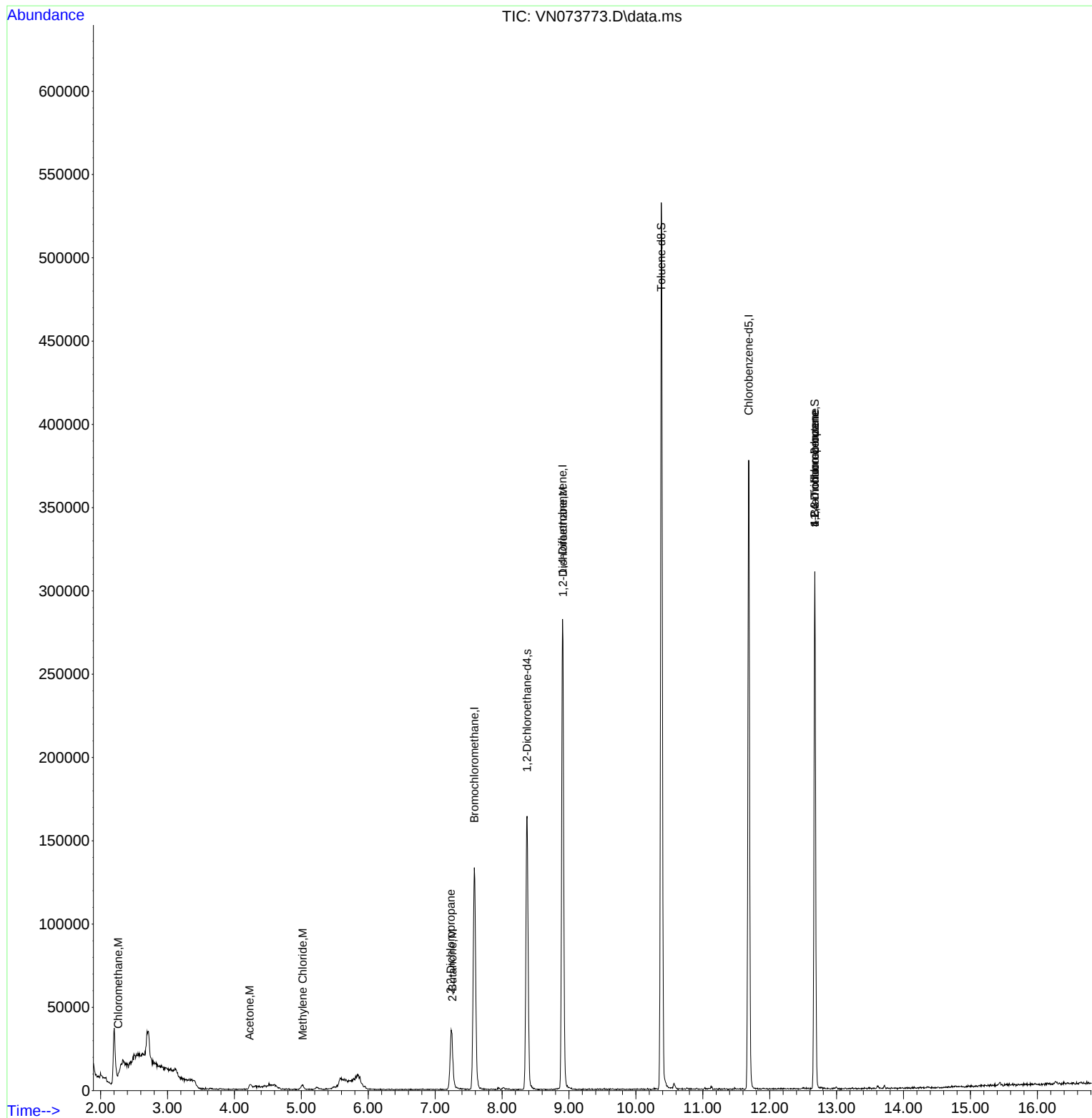
Internal Standards						
1) Bromochloromethane	7.587	128	53349	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	263959	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	233217	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.375	65	137715	29.856	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.533%
60) 4-Bromofluorobenzene	12.674	95	102226	24.755	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	82.533%
63) Toluene-d8	10.380	98	382920	29.159	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.200%
Target Compounds						
					Qvalue	
3) Chloromethane	2.263	50	993	0.207	ug/l	89
15) Acetone	4.228	58	960	1.318	ug/l #	32
18) Methylene Chloride	5.022	84	892	0.211	ug/l #	46
30) 2-Butanone	7.257	43	847	0.248	ug/l #	53
31) 2,2-Dichloropropane	7.234	77	1690	0.328	ug/l #	53
36) 1,2-Dichloroethane	8.910	62	8792	1.671	ug/l #	77
72) 1,2,3-Trichloropropane	12.674	75	52417	10.607	ug/l	1
77) t-1,4-Dichloro-2-butene	12.674	75	52417	29.105	ug/l #	8

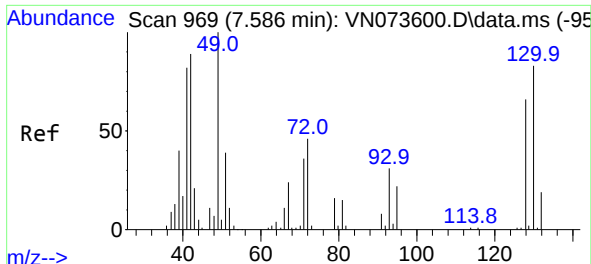
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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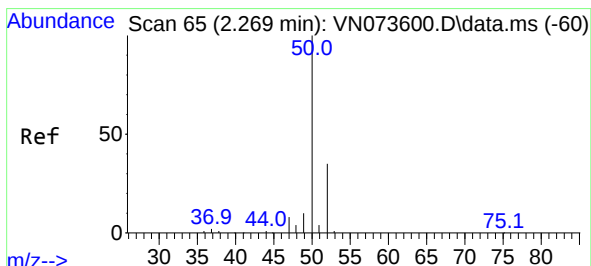
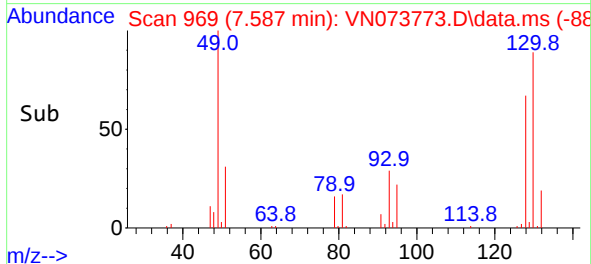
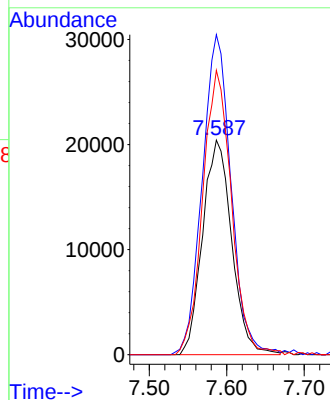
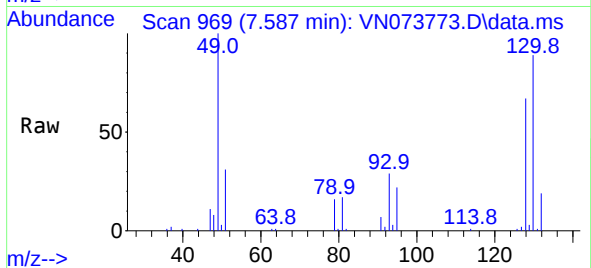




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.587 min Scan# 90
Delta R.T. 0.001 min
Lab File: VN073773.D
Acq: 08 Aug 2022 16:25

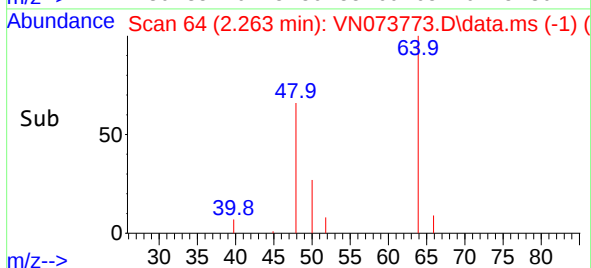
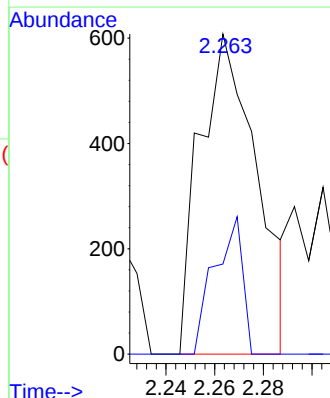
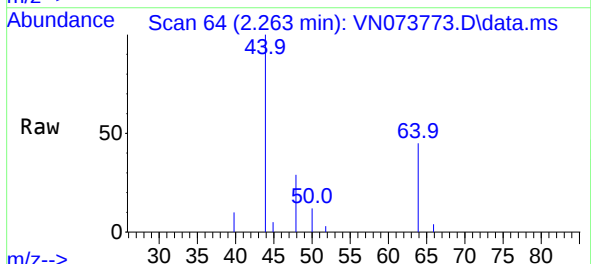
Instrument :
MSVOA_N
ClientSampleId :
IBLK

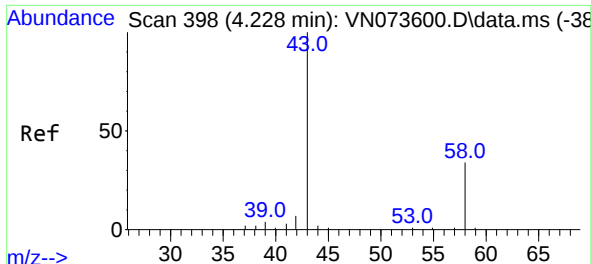
Tgt Ion:128 Resp: 53349
Ion Ratio Lower Upper
128 100
49 147.2 0.0 392.3
130 129.4 0.0 320.2



#3
Chloromethane
Concen: 0.207 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073773.D
Acq: 08 Aug 2022 16:25

Tgt Ion: 50 Resp: 993
Ion Ratio Lower Upper
50 100
52 28.1 27.8 41.6





#15

Acetone

Concen: 1.318 ug/l

RT: 4.228 min Scan# 398

Delta R.T. 0.000 min

Lab File: VN073773.D

Acq: 08 Aug 2022 16:25

Instrument :

MSVOA_N

ClientSampleId :

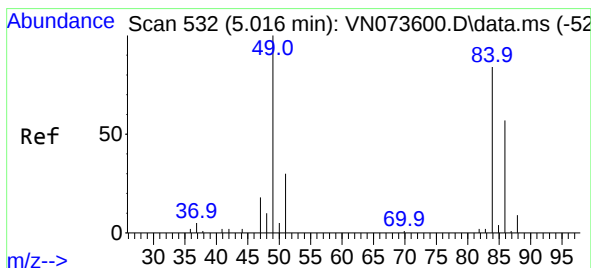
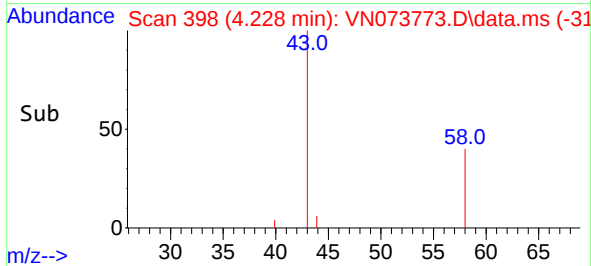
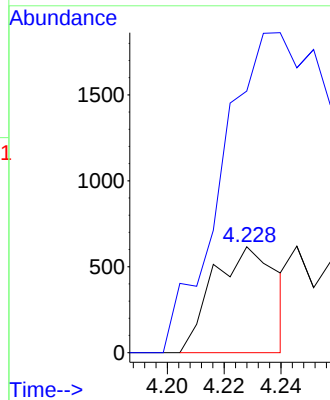
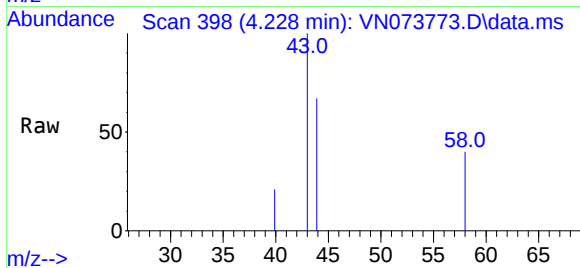
IBLK

Tgt Ion: 58 Resp: 960

Ion Ratio Lower Upper

58 100

43 181.7 256.6 384.8#



#18

Methylene Chloride

Concen: 0.211 ug/l

RT: 5.022 min Scan# 533

Delta R.T. 0.006 min

Lab File: VN073773.D

Acq: 08 Aug 2022 16:25

Tgt Ion: 84 Resp: 892

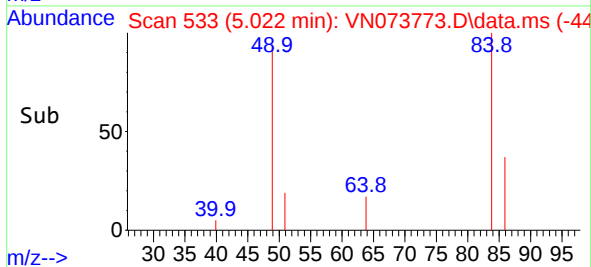
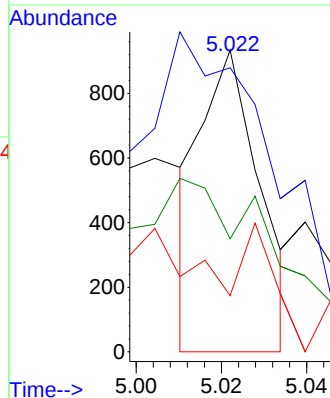
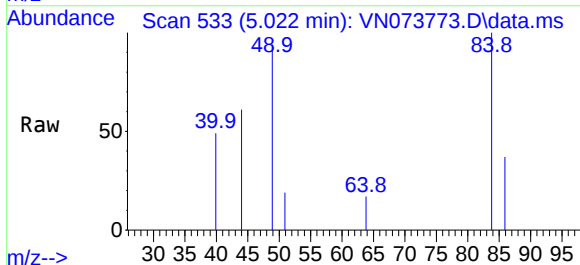
Ion Ratio Lower Upper

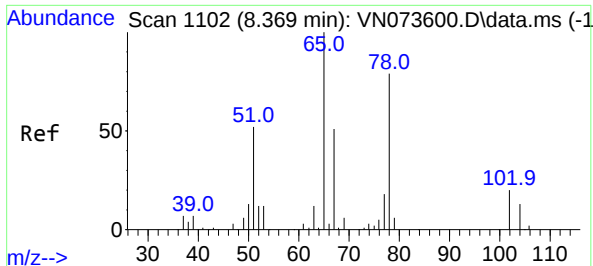
84 100

49 65.5 91.4 137.0#

51 0.0 29.4 44.0#

86 13.8 51.1 76.7#

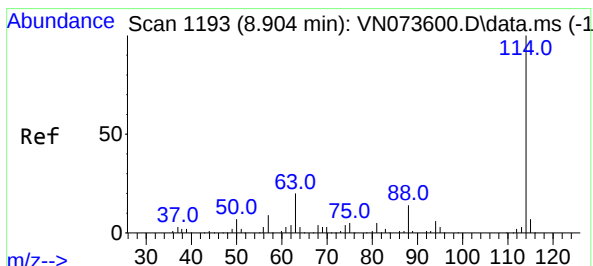
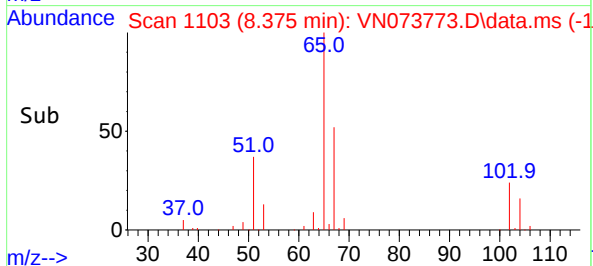
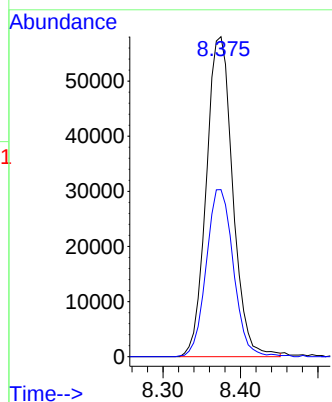
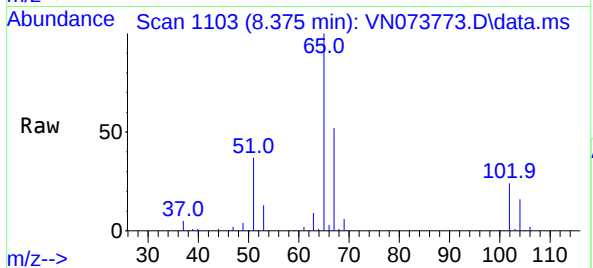




#27
1,2-Dichloroethane-d4
Concen: 29.856 ug/l
RT: 8.375 min Scan# 1102
Delta R.T. 0.006 min
Lab File: VN073773.D
Acq: 08 Aug 2022 16:25

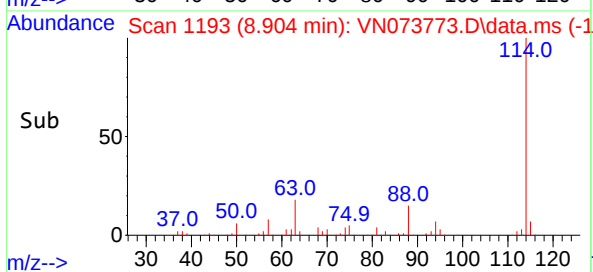
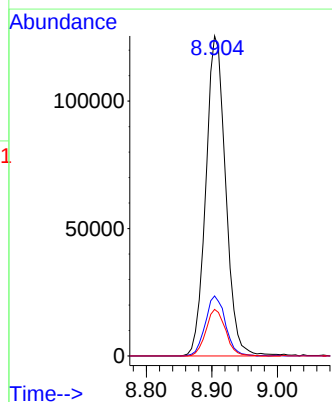
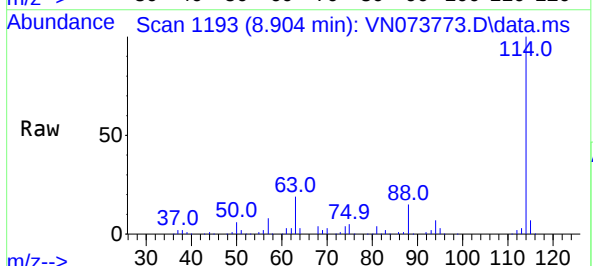
Instrument :
MSVOA_N
ClientSampleId :
IBLK

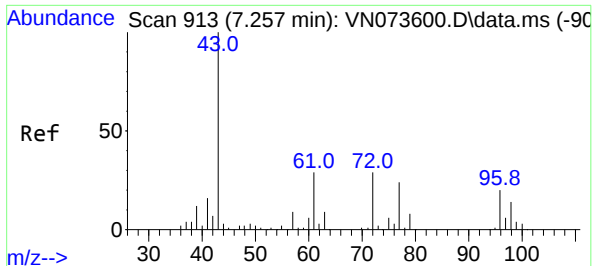
Tgt Ion: 65 Resp: 137715
Ion Ratio Lower Upper
65 100
67 53.3 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN073773.D
Acq: 08 Aug 2022 16:25

Tgt Ion: 114 Resp: 263959
Ion Ratio Lower Upper
114 100
63 19.1 15.8 23.6
88 14.4 11.6 17.4





#30

2-Butanone

Concen: 0.248 ug/l

RT: 7.257 min Scan# 913

Delta R.T. 0.000 min

Lab File: VN073773.D

Acq: 08 Aug 2022 16:25

Instrument :

MSVOA_N

ClientSampleId :

IBLK

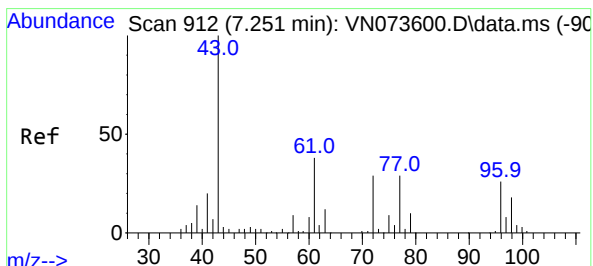
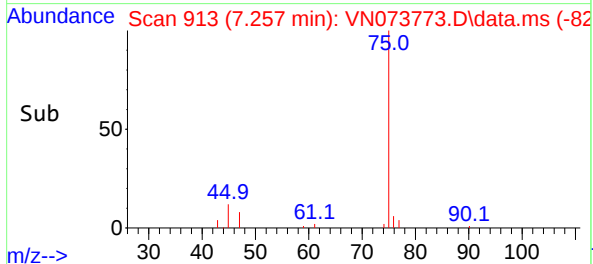
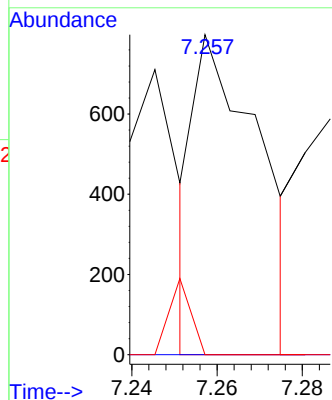
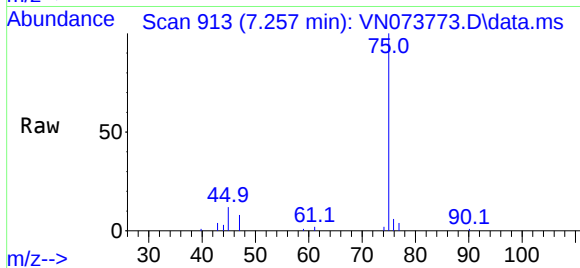
Tgt Ion: 43 Resp: 847

Ion Ratio Lower Upper

43 100

57 0.0 6.7 10.1#

72 0.0 23.2 34.8#



#31

2,2-Dichloropropane

Concen: 0.328 ug/l

RT: 7.234 min Scan# 909

Delta R.T. -0.018 min

Lab File: VN073773.D

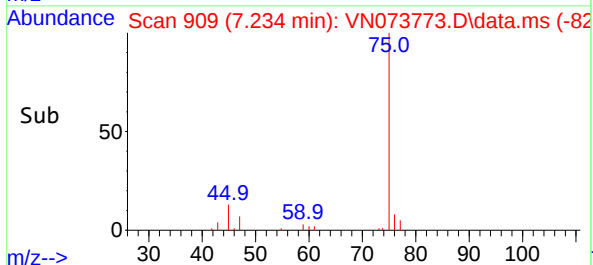
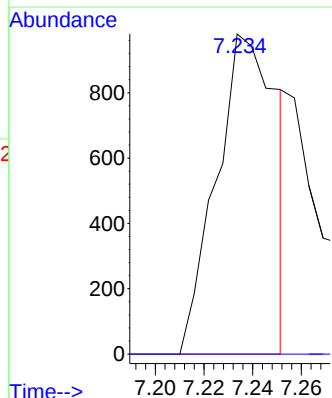
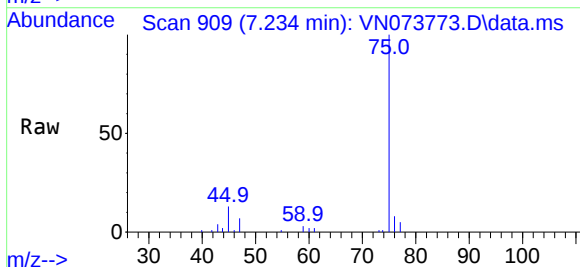
Acq: 08 Aug 2022 16:25

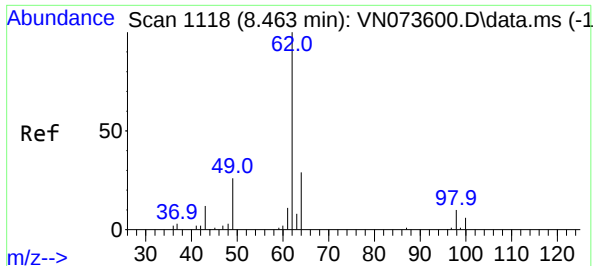
Tgt Ion: 77 Resp: 1690

Ion Ratio Lower Upper

77 100

97 0.0 18.3 27.5#

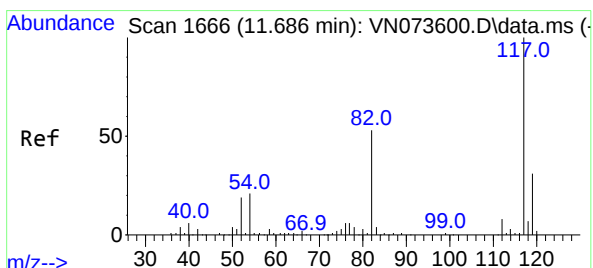
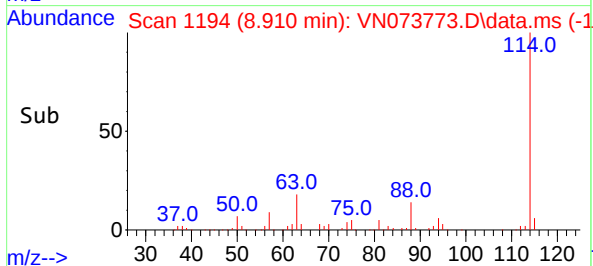
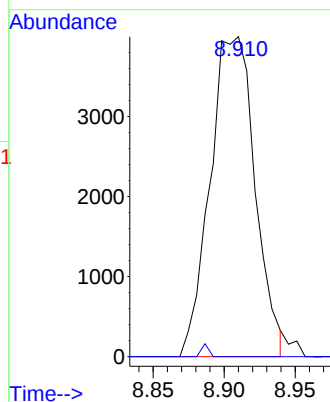
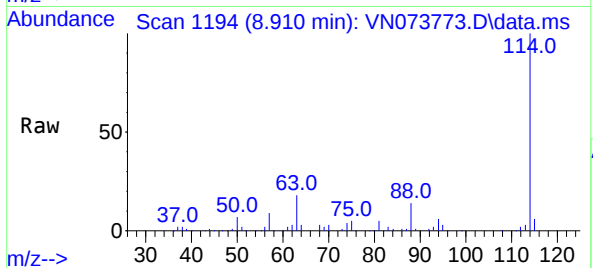




#36
1,2-Dichloroethane
Concen: 1.671 ug/l
RT: 8.910 min Scan# 1118
Delta R.T. 0.447 min
Lab File: VN073773.D
Acq: 08 Aug 2022 16:25

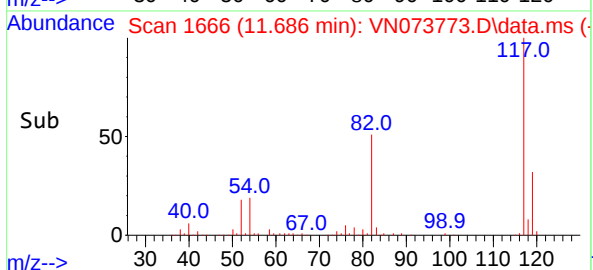
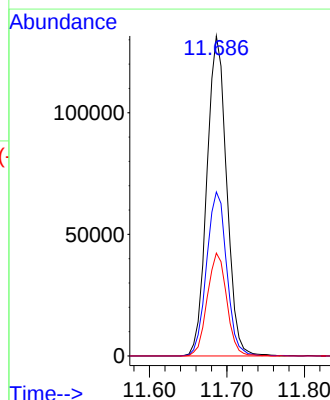
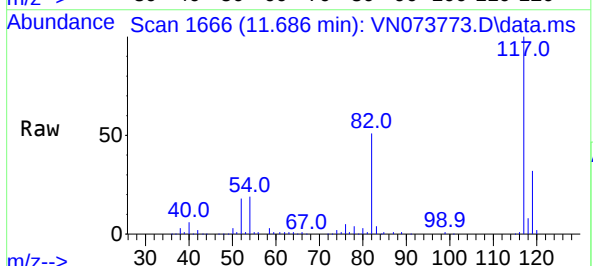
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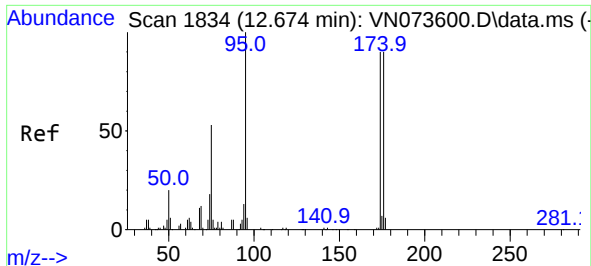
Tgt Ion: 62 Resp: 8792
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073773.D
Acq: 08 Aug 2022 16:25

Tgt Ion: 117 Resp: 233217
Ion Ratio Lower Upper
117 100
82 52.2 43.6 65.4
119 31.7 25.8 38.6

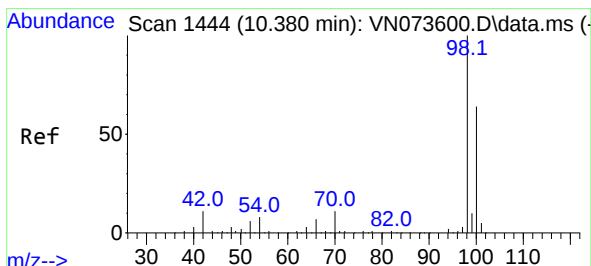
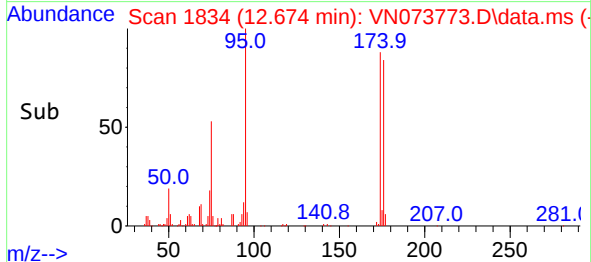
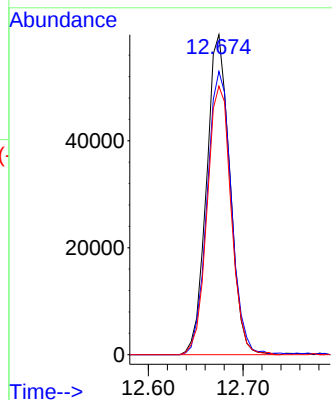
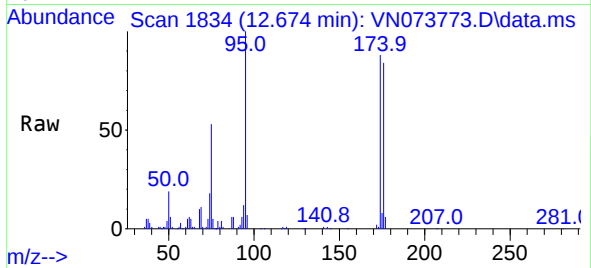




#60
4-Bromofluorobenzene
Concen: 24.755 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073773.D
Acq: 08 Aug 2022 16:25

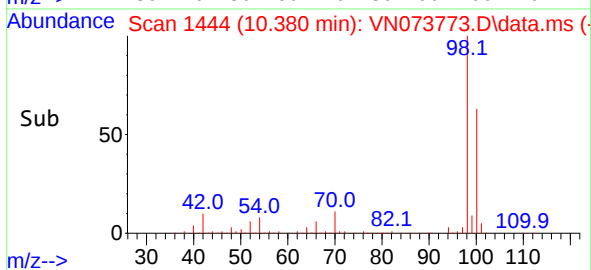
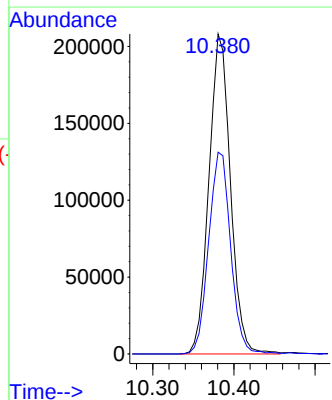
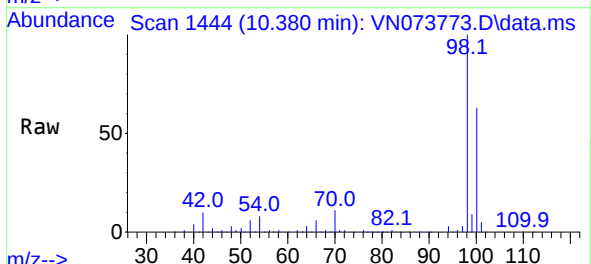
Instrument :
MSVOA_N
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IBLK

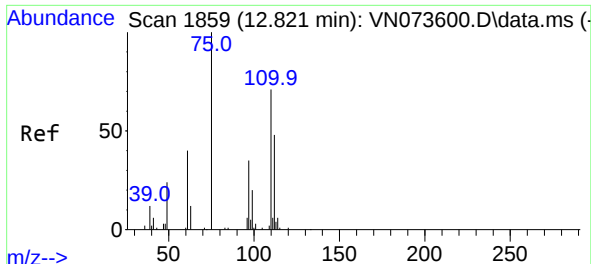
Tgt Ion: 95 Resp: 102226
Ion Ratio Lower Upper
95 100
174 91.7 62.9 94.3
176 86.1 61.0 91.4



#63
Toluene-d8
Concen: 29.159 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073773.D
Acq: 08 Aug 2022 16:25

Tgt Ion: 98 Resp: 382920
Ion Ratio Lower Upper
98 100
100 64.2 50.6 76.0

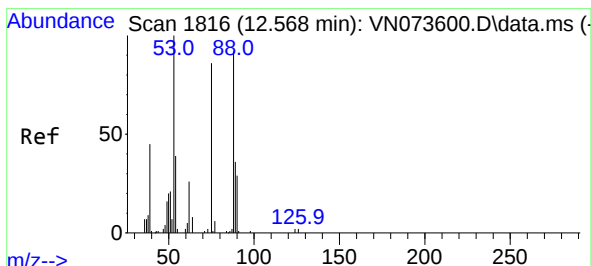
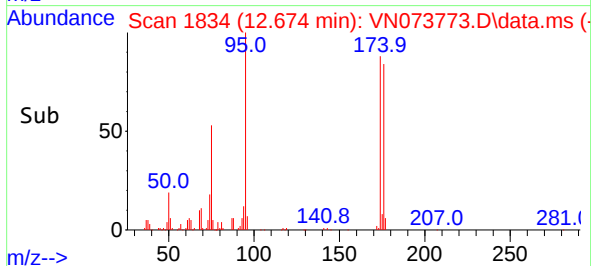
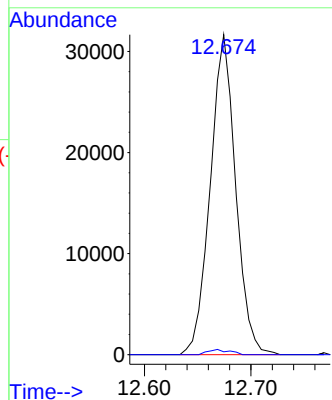
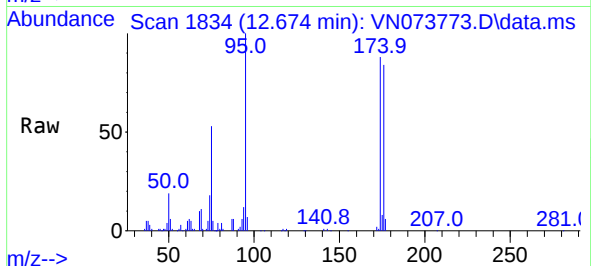




#72
1,2,3-Trichloropropane
Concen: 10.607 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN073773.D
Acq: 08 Aug 2022 16:25

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 52417
Ion Ratio Lower Upper
75 100
77 1.0 0.0 378.0



#77
t-1,4-Dichloro-2-butene
Concen: 29.105 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN073773.D
Acq: 08 Aug 2022 16:25

Tgt Ion: 75 Resp: 52417
Ion Ratio Lower Upper
75 100
53 0.0 51.8 155.5#
89 0.0 22.9 68.7#

