

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082322\
 Data File : VN074071.D
 Acq On : 23 Aug 2022 16:25
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: Aug 24 01:21:42 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)

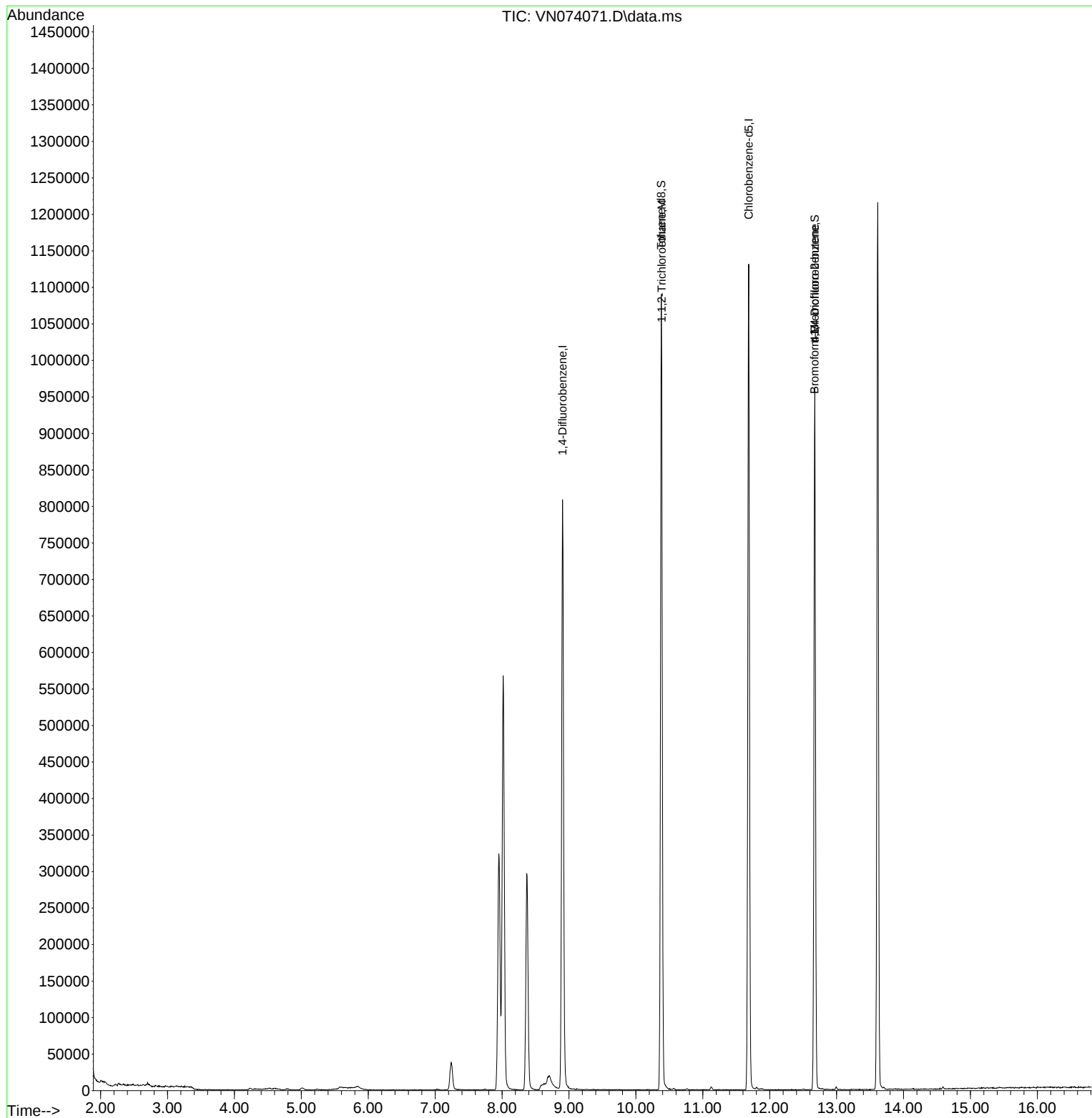
Internal Standards						
1) Bromochloromethane	0.000	128	0	0.000	ug/l	-7.59
28) 1,4-Difluorobenzene	8.904	114	736257	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	700830	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	251703	0.000	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	0.000%#
60) 4-Bromofluorobenzene	12.674	95	316445	25.501	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	85.000%
63) Toluene-d8	10.380	98	778838	19.736	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	65.800%#
Target Compounds						
					Qvalue	
50) 1,1,2-Trichloroethane	10.386	97	23299	2.038	ug/l #	1
56) Bromoform	12.668	173	2131	0.234	ug/l #	1
77) t-1,4-Dichloro-2-butene	12.674	75	153965	28.449	ug/l #	8

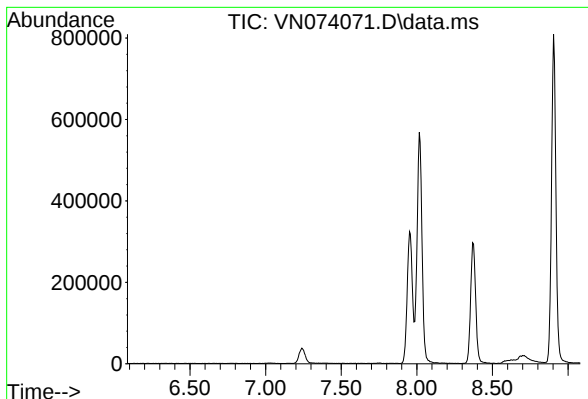
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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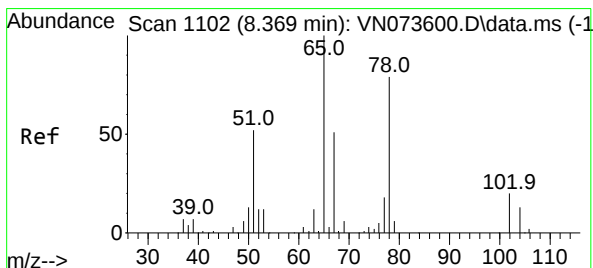
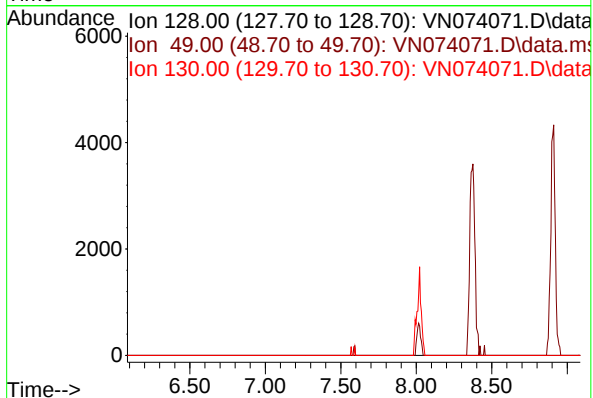




#1
 Bromochloromethane
 Concen: 0.000 ug/l
 Expected RT: 7.59 min
 Lab File: VN074071.D
 Acq: 23 Aug 2022 16:25

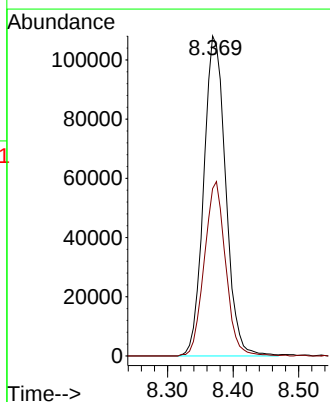
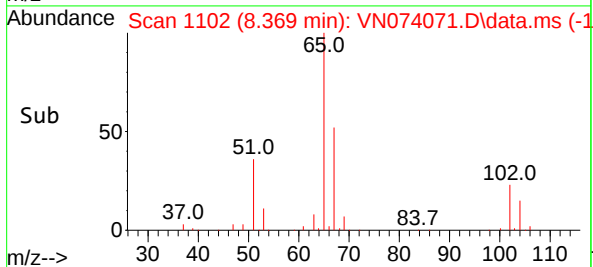
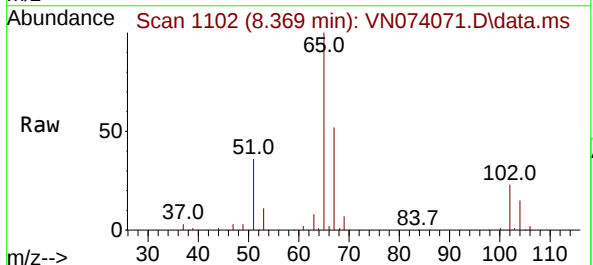
Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

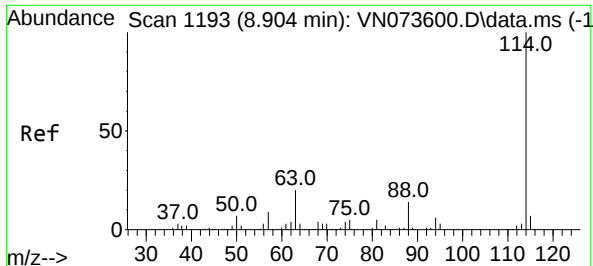
Tgt Ion: 128
 Sig Exp Ratio
 128 100
 49 156.9
 130 128.1



#27
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. -0.000 min
 Lab File: VN074071.D
 Acq: 23 Aug 2022 16:25

Tgt Ion: 65 Resp: 251703
 Ion Ratio Lower Upper
 65 100
 67 52.9 40.2 60.2

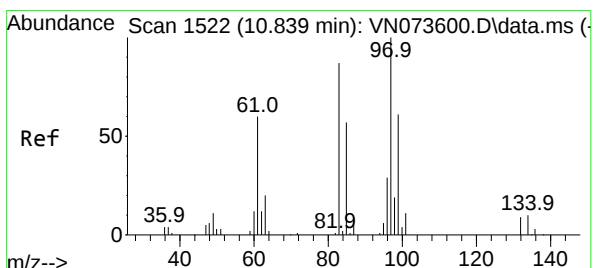
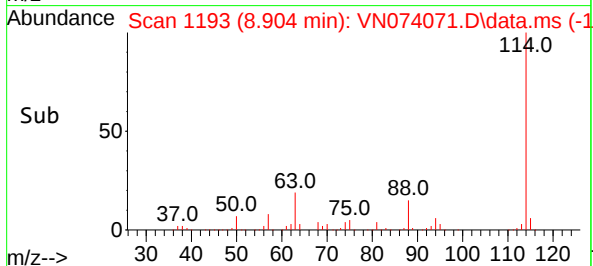
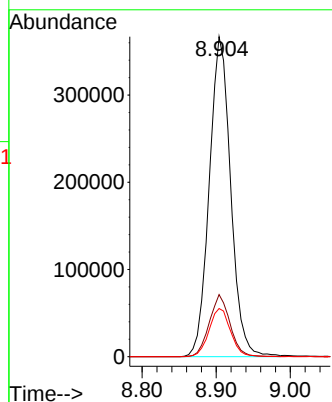
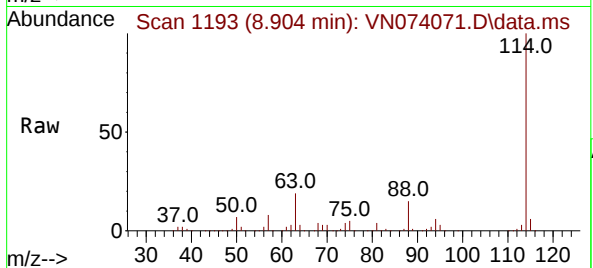




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VN074071.D
Acq: 23 Aug 2022 16:25

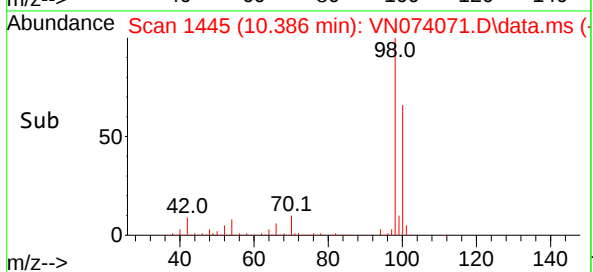
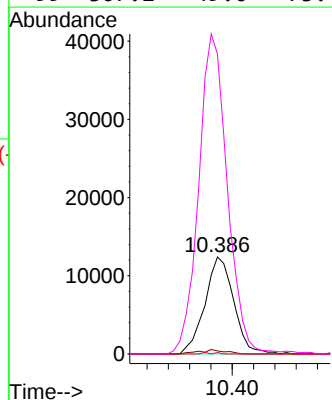
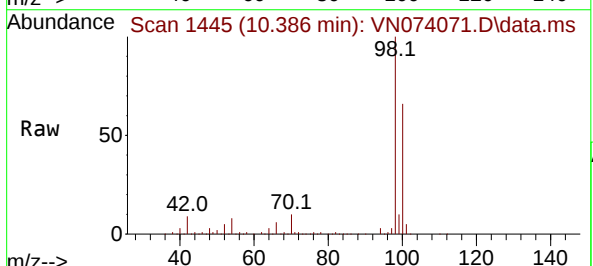
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

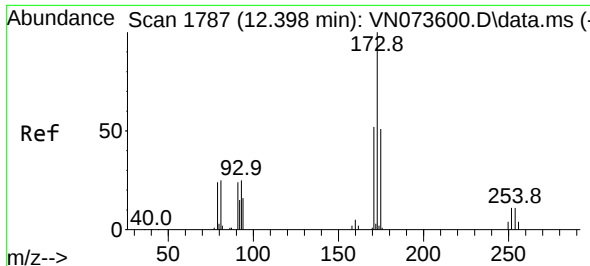
Tgt Ion:114 Resp: 736257
Ion Ratio Lower Upper
114 100
63 18.7 15.8 23.6
88 15.1 11.6 17.4



#50
1,1,2-Trichloroethane
Concen: 2.038 ug/l
RT: 10.386 min Scan# 1445
Delta R.T. -0.453 min
Lab File: VN074071.D
Acq: 23 Aug 2022 16:25

Tgt Ion: 97 Resp: 23299
Ion Ratio Lower Upper
97 100
83 3.2 67.2 100.8#
85 1.6 43.0 64.4#
99 307.2 49.0 73.4#

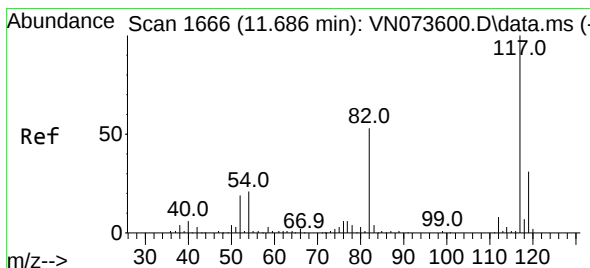
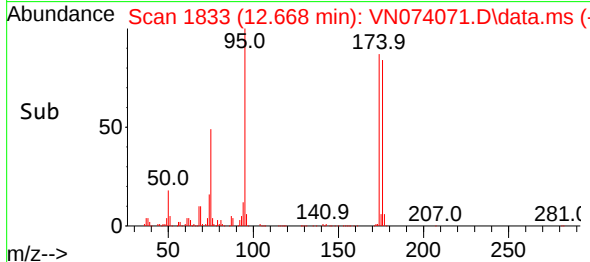
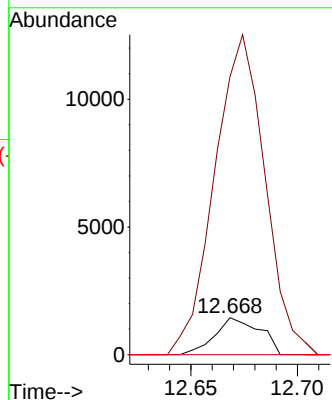
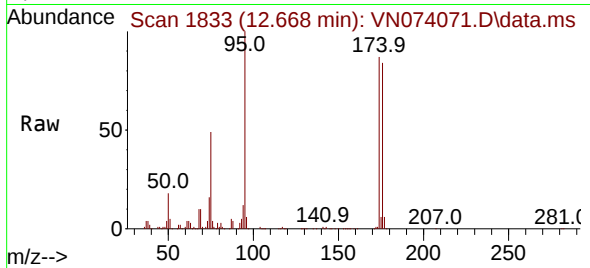




#56
Bromoform
Concen: 0.234 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.270 min
Lab File: VN074071.D
Acq: 23 Aug 2022 16:25

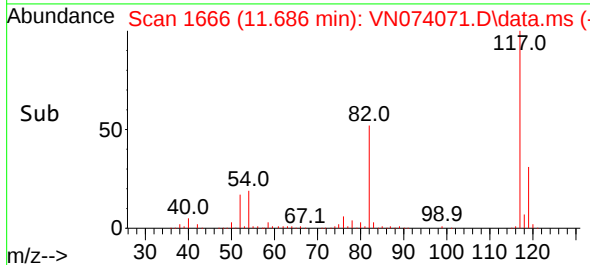
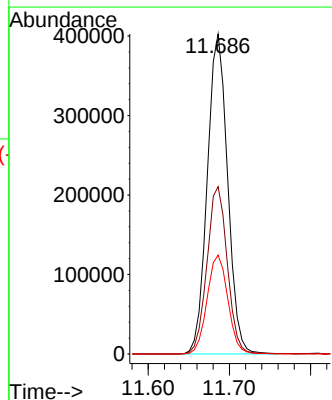
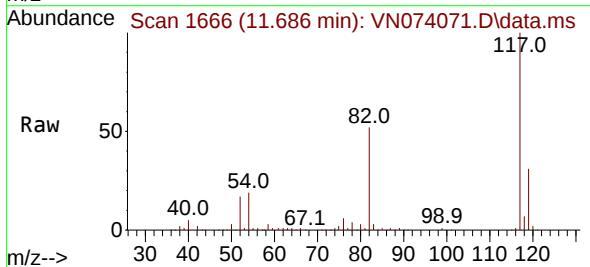
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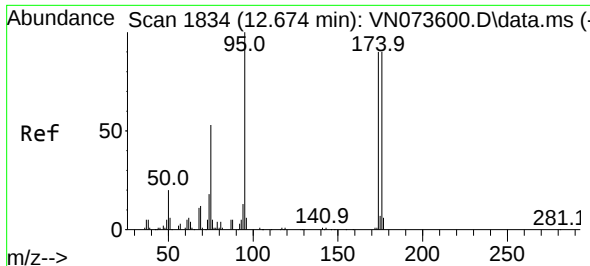
Tgt Ion:173 Resp: 2131
Ion Ratio Lower Upper
173 100
175 966.5 38.6 58.0#
254 0.0 0.0 0.0



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN074071.D
Acq: 23 Aug 2022 16:25

Tgt Ion:117 Resp: 700830
Ion Ratio Lower Upper
117 100
82 52.4 43.6 65.4
119 31.5 25.8 38.6

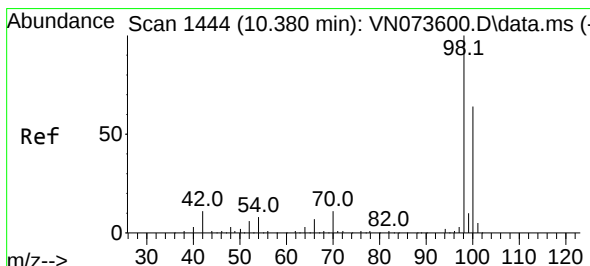
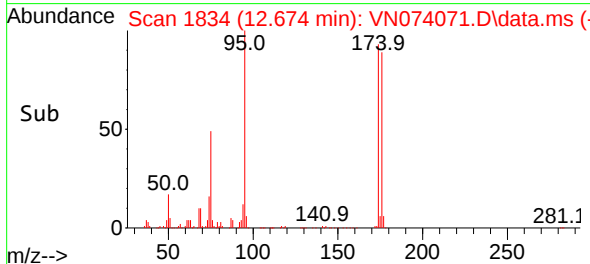
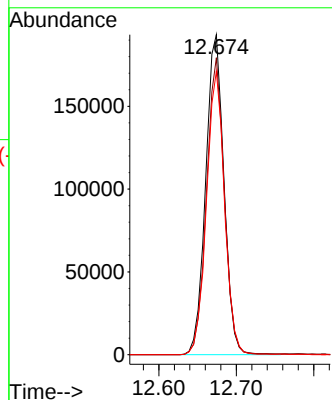
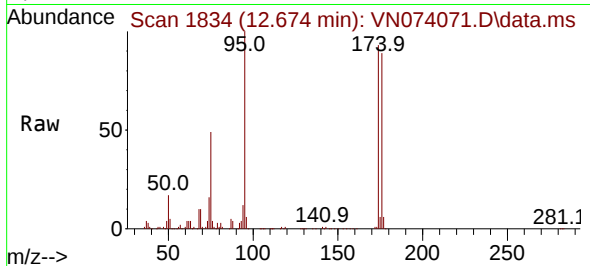




#60
4-Bromofluorobenzene
Concen: 25.501 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN074071.D
Acq: 23 Aug 2022 16:25

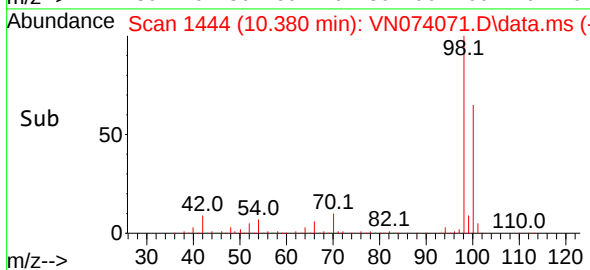
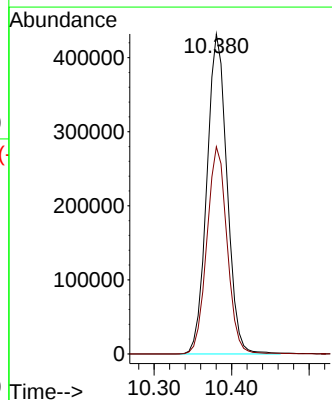
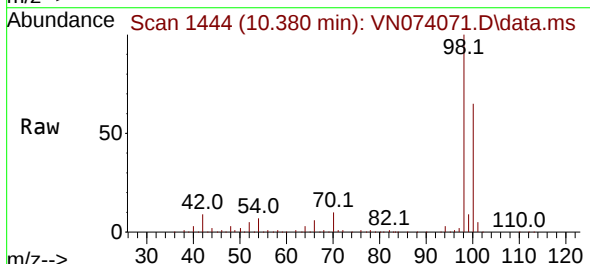
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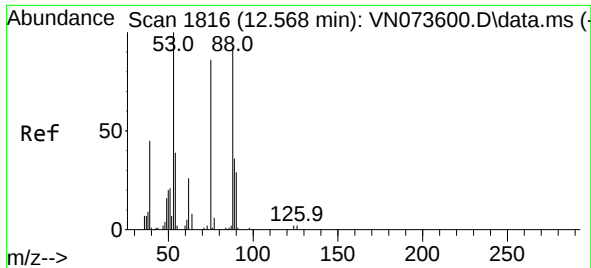
Tgt Ion: 95 Resp: 316445
Ion Ratio Lower Upper
95 100
174 90.7 62.9 94.3
176 87.3 61.0 91.4



#63
Toluene-d8
Concen: 19.736 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN074071.D
Acq: 23 Aug 2022 16:25

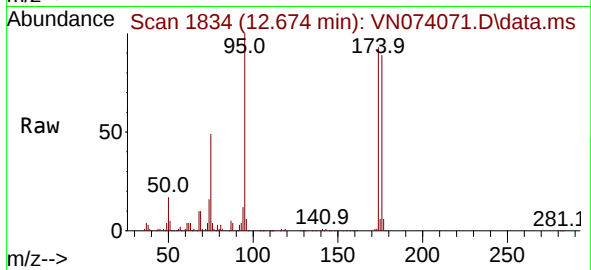
Tgt Ion: 98 Resp: 778838
Ion Ratio Lower Upper
98 100
100 65.0 50.6 76.0





#77
t-1,4-Dichloro-2-butene
Concen: 28.449 ug/l
RT: 12.674 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN074071.D
Acq: 23 Aug 2022 16:25

Instrument :
MSVOA_N
ClientSampleId :
VIBLK



Tgt Ion: 75 Resp: 153965

Ion	Ratio	Lower	Upper
75	100		
53	0.2	51.8	155.5#
89	0.0	22.9	68.7#

