

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081922\
 Data File : VN074020.D
 Acq On : 19 Aug 2022 12:15
 Operator : JC\MD
 Sample : VN0819WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBL01

Quant Time: Aug 20 02:44:14 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)

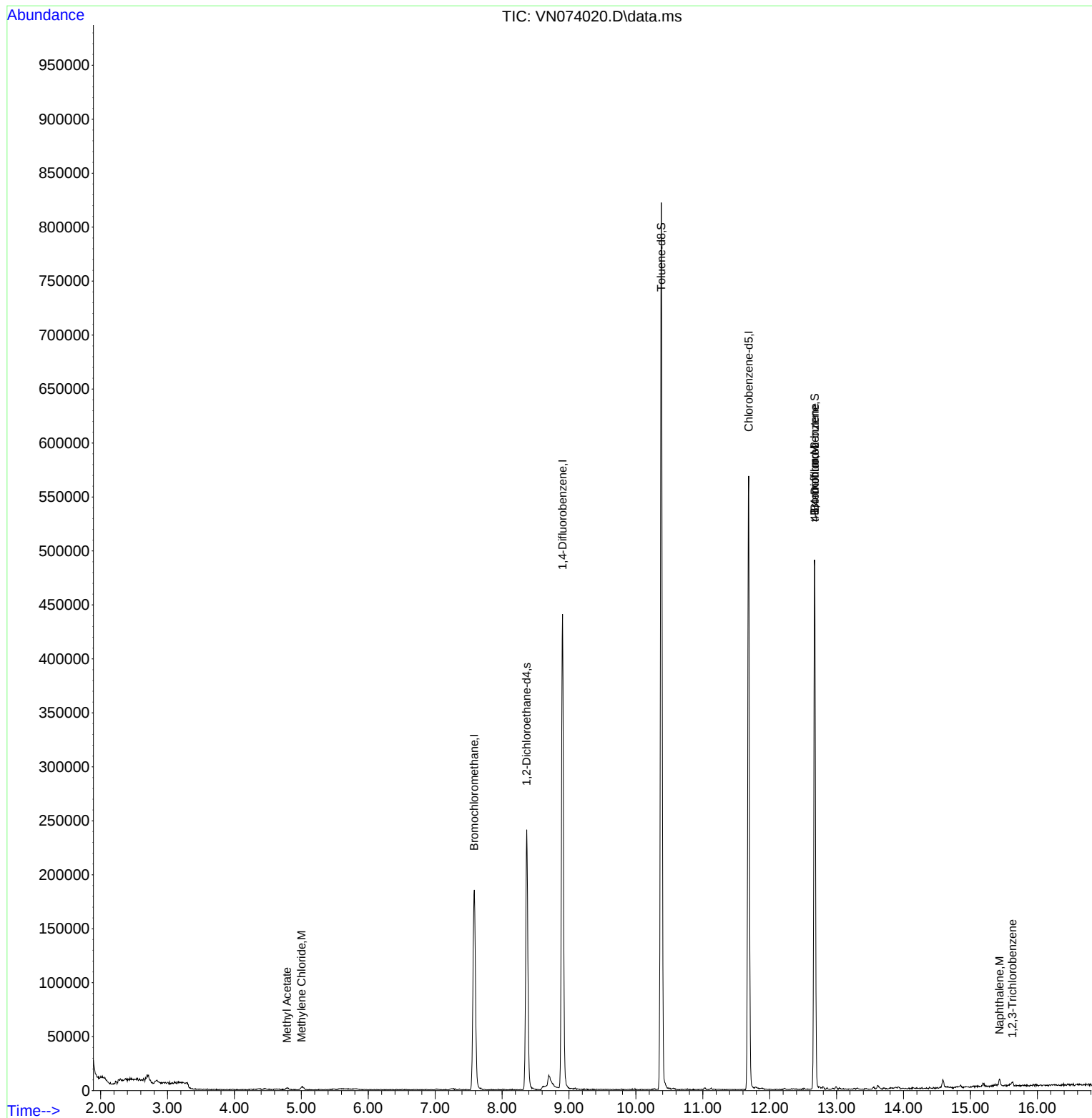
Internal Standards						
1) Bromochloromethane	7.580	128	77615	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	416304	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	354859	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	200373	29.859	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.533%
60) 4-Bromofluorobenzene	12.674	95	164739	26.219	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.400%
63) Toluene-d8	10.380	98	578614	28.958	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.533%
Target Compounds						
					Qvalue	
12) Methyl Acetate	4.787	43	2232	0.270	ug/l #	74
18) Methylene Chloride	5.004	84	2164	0.351	ug/l #	58
56) Bromoform	12.668	173	1428	0.277	ug/l #	1
77) t-1,4-Dichloro-2-butene	12.674	75	81815	29.856	ug/l #	8
91) Naphthalene	15.433	128	6485	0.305	ug/l	98
92) 1,2,3-Trichlorobenzene	15.627	180	1351	0.203	ug/l	77

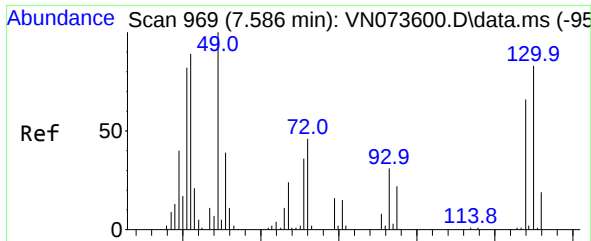
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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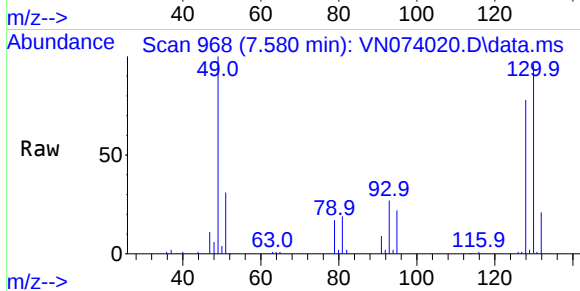
Quant Time: Aug 20 02:44:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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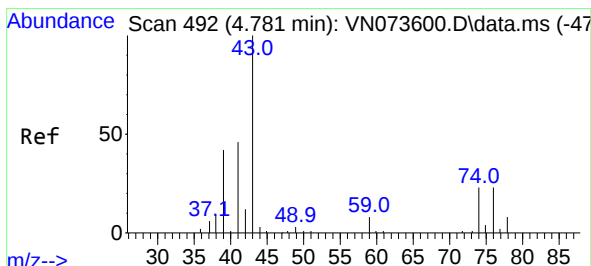
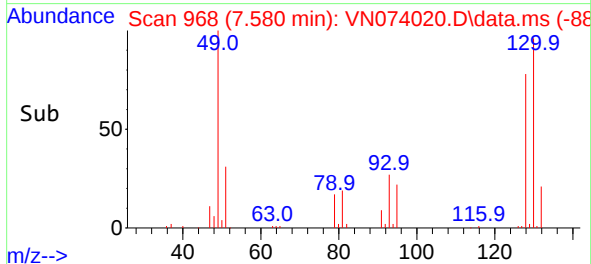
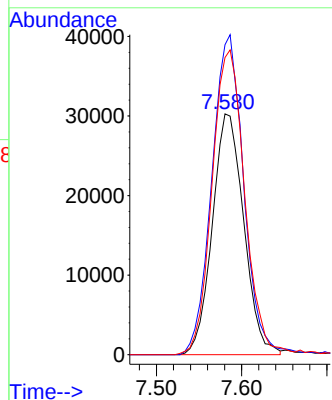


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.580 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN074020.D
Acq: 19 Aug 2022 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0819WBL01

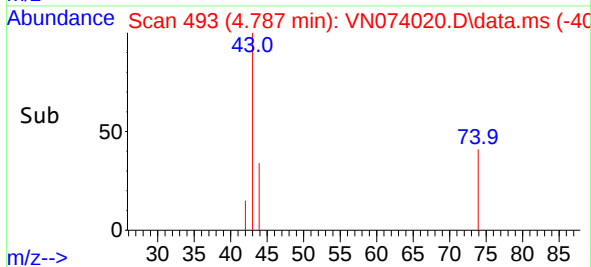
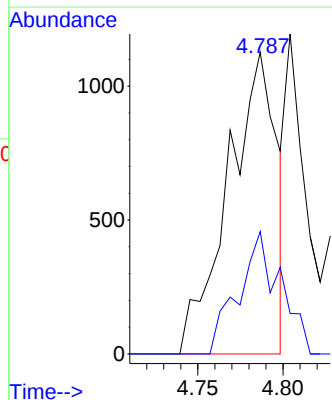
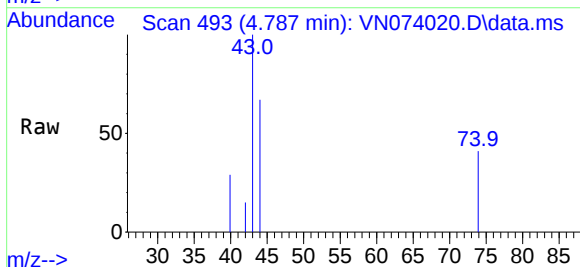


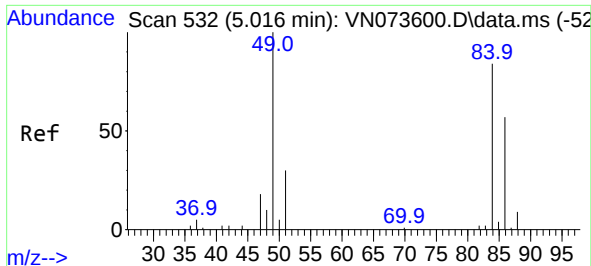
Tgt Ion:128 Resp: 77615
Ion Ratio Lower Upper
128 100
49 134.9 0.0 392.3
130 131.1 0.0 320.2



#12
Methyl Acetate
Concen: 0.270 ug/l
RT: 4.787 min Scan# 493
Delta R.T. 0.006 min
Lab File: VN074020.D
Acq: 19 Aug 2022 12:15

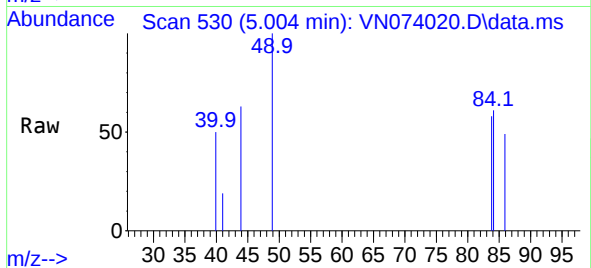
Tgt Ion: 43 Resp: 2232
Ion Ratio Lower Upper
43 100
74 39.5 20.8 31.2#





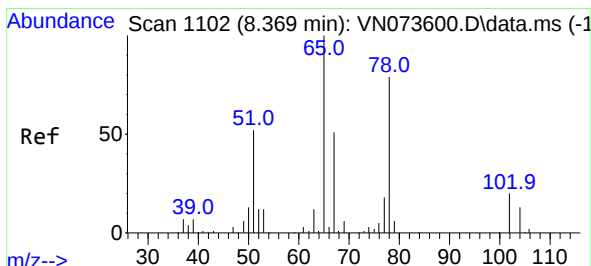
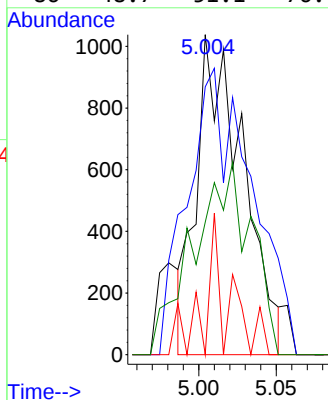
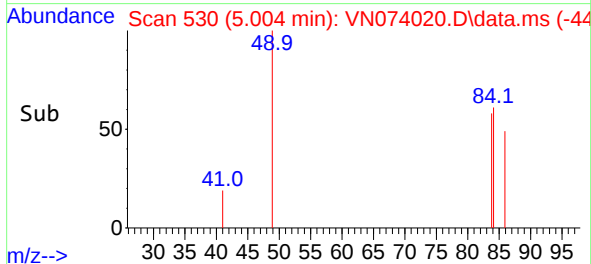
#18
Methylene Chloride
Concen: 0.351 ug/l
RT: 5.004 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN074020.D
Acq: 19 Aug 2022 12:15

Instrument :
MSVOA_N
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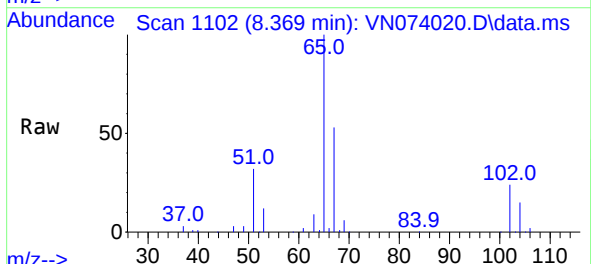


Tgt Ion: 84 Resp: 2164

Ion	Ratio	Lower	Upper
84	100		
49	63.0	91.4	137.0#
51	0.0	29.4	44.0#
86	48.7	51.1	76.7#

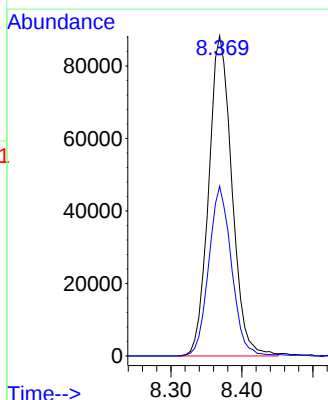
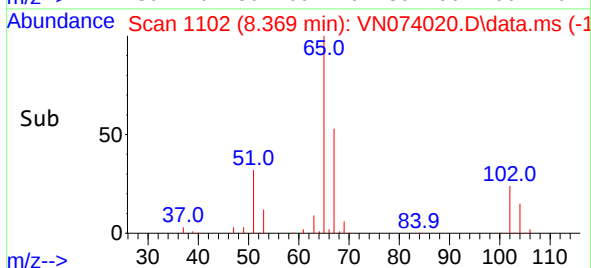


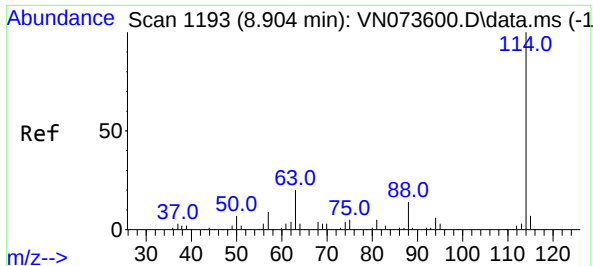
#27
1,2-Dichloroethane-d4
Concen: 29.859 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074020.D
Acq: 19 Aug 2022 12:15



Tgt Ion: 65 Resp: 200373

Ion	Ratio	Lower	Upper
65	100		
67	51.8	40.2	60.2



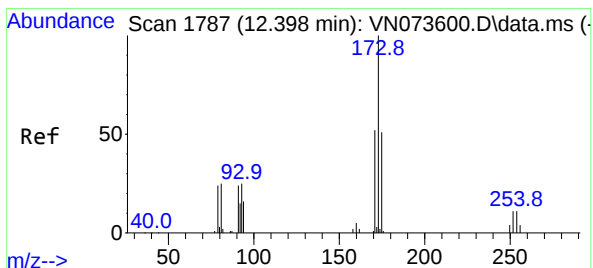
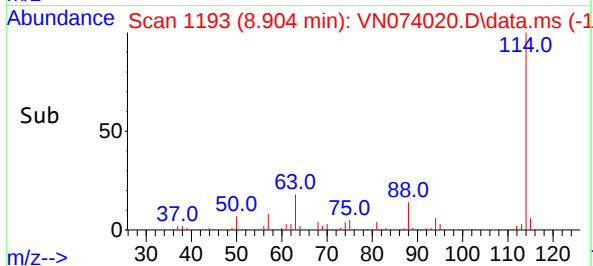
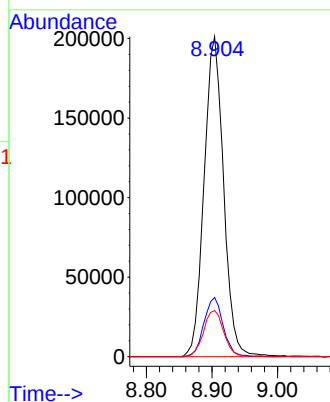
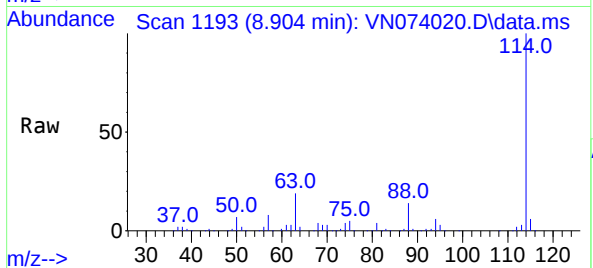


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VN074020.D
Acq: 19 Aug 2022 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0819WBL01

Tgt Ion:114 Resp: 416304

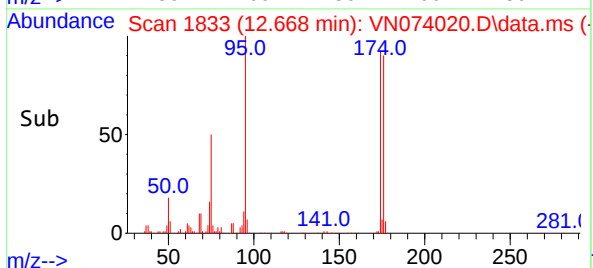
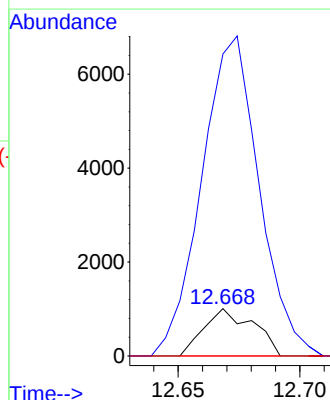
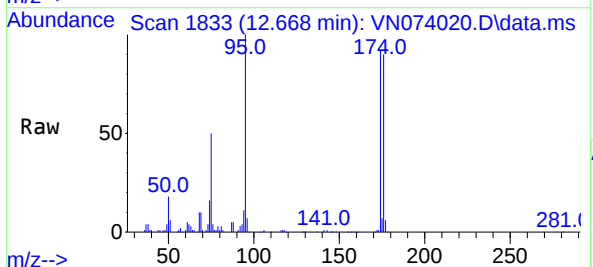
Ion	Ratio	Lower	Upper
114	100		
63	18.2	15.8	23.6
88	15.0	11.6	17.4

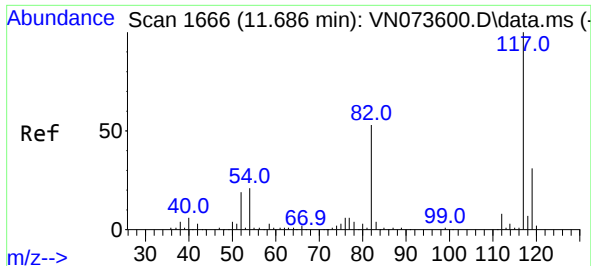


#56
Bromoform
Concen: 0.277 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.270 min
Lab File: VN074020.D
Acq: 19 Aug 2022 12:15

Tgt Ion:173 Resp: 1428

Ion	Ratio	Lower	Upper
173	100		
175	784.5	38.6	58.0#
254	0.0	0.0	0.0

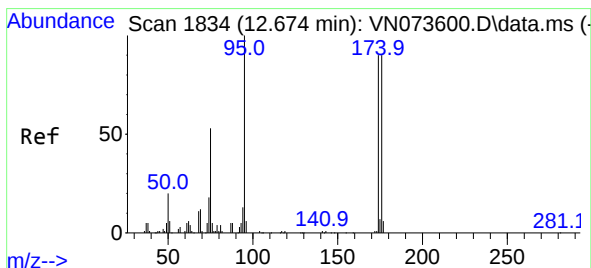
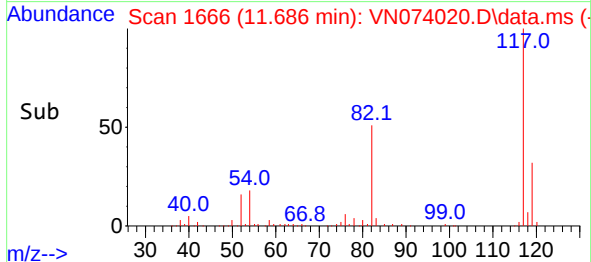
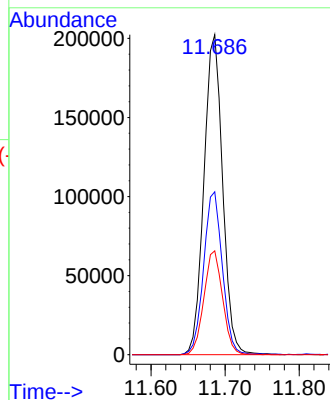
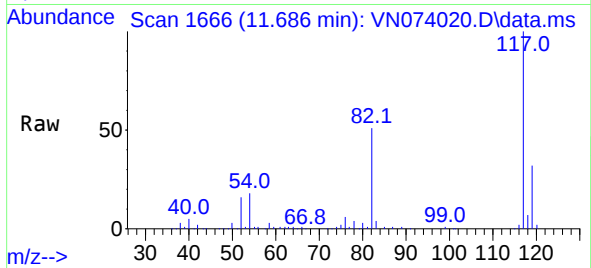




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN074020.D
Acq: 19 Aug 2022 12:15

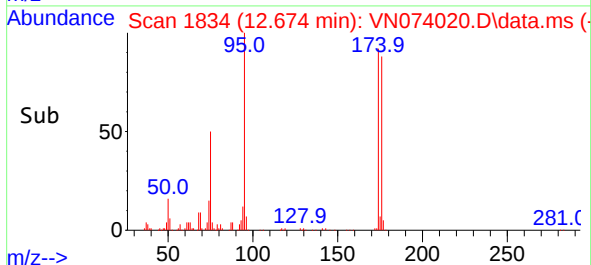
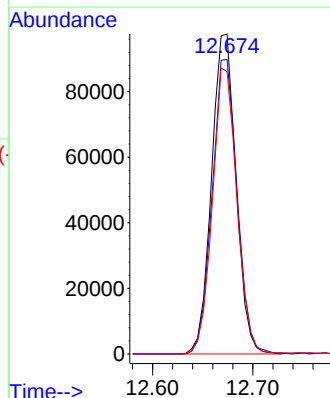
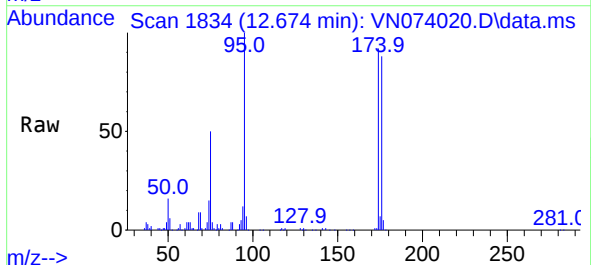
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBL01

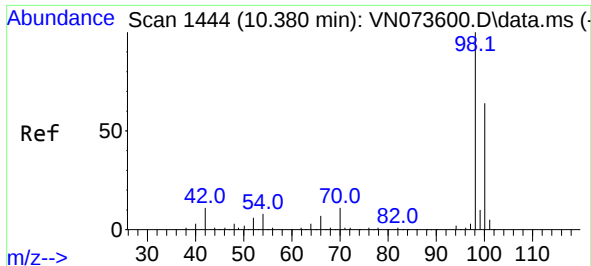
Tgt Ion:117 Resp: 354859
Ion Ratio Lower Upper
117 100
82 50.8 43.6 65.4
119 32.4 25.8 38.6



#60
4-Bromofluorobenzene
Concen: 26.219 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN074020.D
Acq: 19 Aug 2022 12:15

Tgt Ion: 95 Resp: 164739
Ion Ratio Lower Upper
95 100
174 93.9 62.9 94.3
176 89.3 61.0 91.4

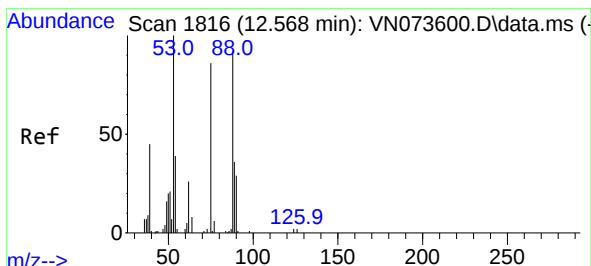
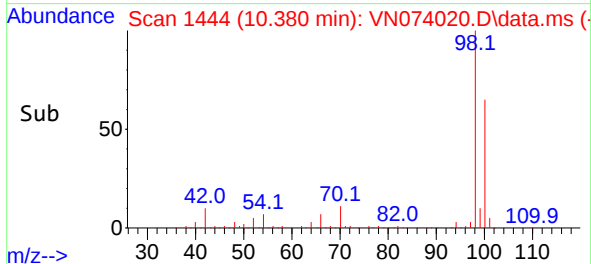
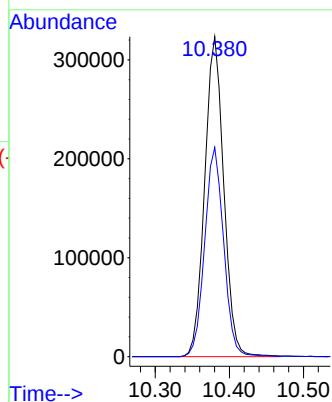
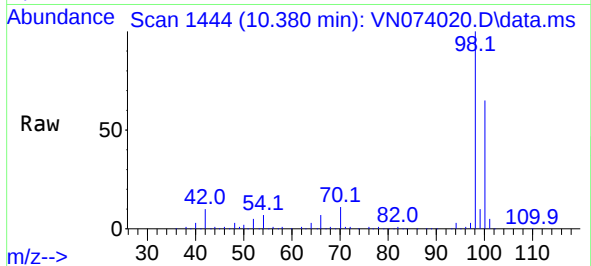




#63
Toluene-d8
Concen: 28.958 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN074020.D
Acq: 19 Aug 2022 12:15

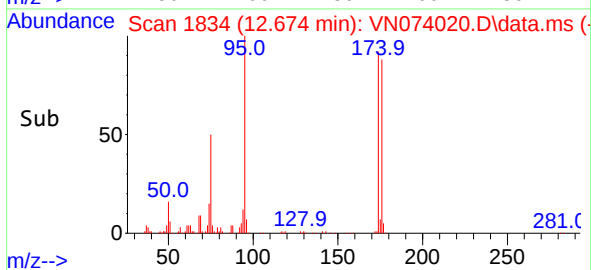
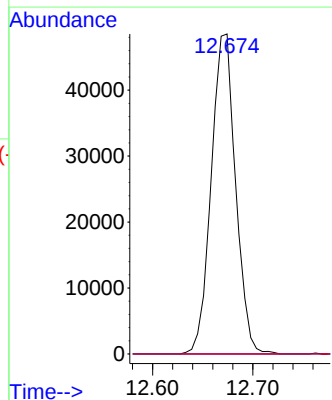
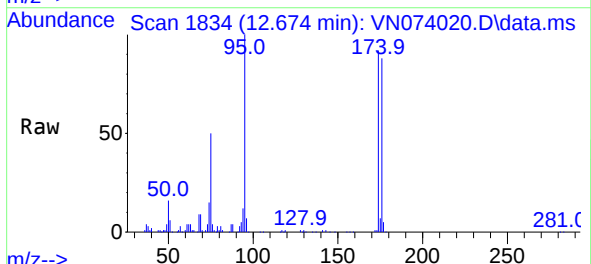
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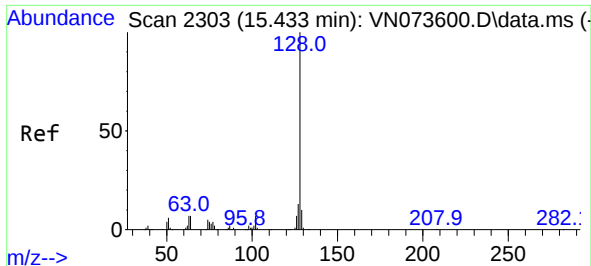
Tgt Ion: 98 Resp: 578614
Ion Ratio Lower Upper
98 100
100 65.1 50.6 76.0



#77
t-1,4-Dichloro-2-butene
Concen: 29.856 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN074020.D
Acq: 19 Aug 2022 12:15

Tgt Ion: 75 Resp: 81815
Ion Ratio Lower Upper
75 100
53 0.0 51.8 155.5#
89 0.0 22.9 68.7#

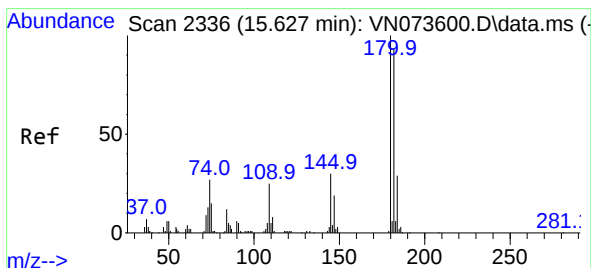
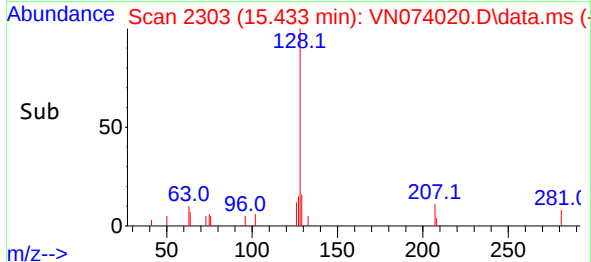
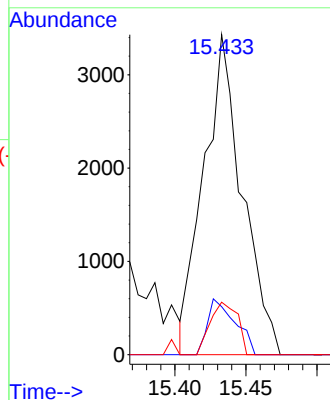
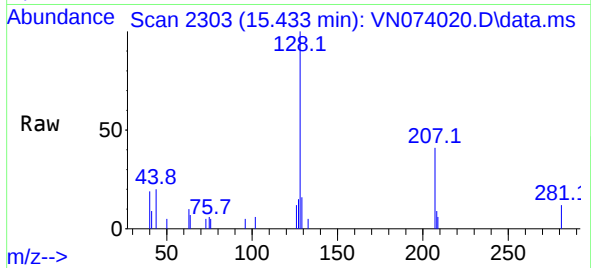




#91
Naphthalene
Concen: 0.305 ug/l
RT: 15.433 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN074020.D
Acq: 19 Aug 2022 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0819WBL01

Tgt Ion:	128	Resp:	6485
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.7	16.1
129	11.6	9.0	13.6



#92
1,2,3-Trichlorobenzene
Concen: 0.203 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VN074020.D
Acq: 19 Aug 2022 12:15

Tgt Ion:	180	Resp:	1351
Ion	Ratio	Lower	Upper
180	100		
182	114.7	0.0	190.0
145	15.5	0.0	67.8

