

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072221\
 Data File : VN067864.D
 Acq On : 22 Jul 2021 15:51
 Operator : JC/MD
 Sample : M3120-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 24 07:13:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 14 01:19:19 2021
 Response via : Initial Calibration

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

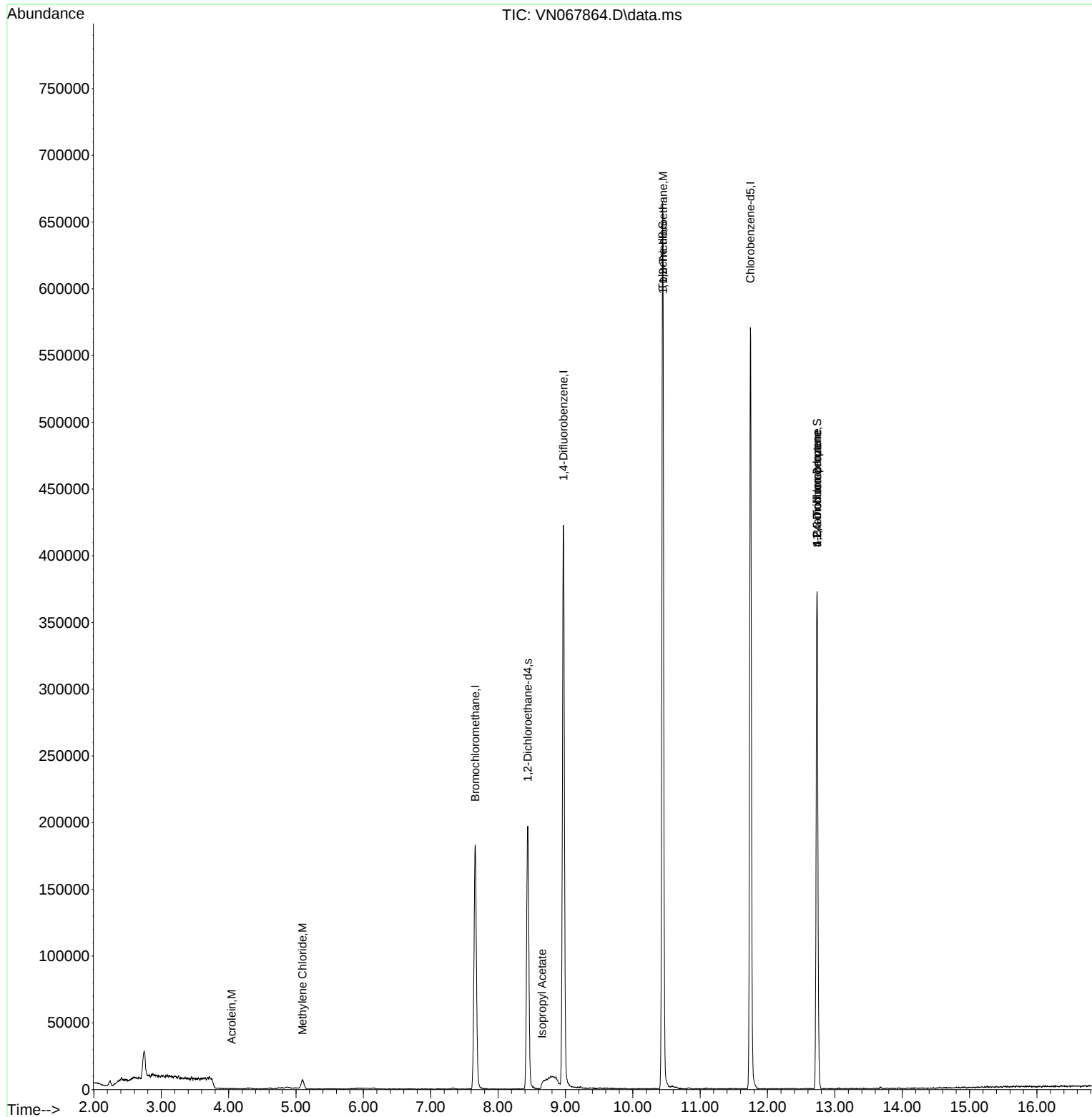
Internal Standards						
1) Bromochloromethane	7.662	128	64574	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	367910	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	325213	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	171103	32.798	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	109.333%
60) 4-Bromofluorobenzene	12.736	95	134213	25.412	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	84.700%
63) Toluene-d8	10.443	98	460429	30.781	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.600%
Target Compounds						
					Qvalue	
13) Acrolein	4.044	56	169	0.377	ug/l #	56
18) Methylene Chloride	5.095	84	3910	0.902	ug/l	88
44) Isopropyl Acetate	8.654	43	2206	0.225	ug/l #	22
50) 1,1,2-Trichloroethane	10.451	97	18326	4.058	ug/l #	1
72) 1,2,3-Trichloropropane	12.736	75	75890	15.633	ug/l	1
77) t-1,4-Dichloro-2-butene	12.736	75	75890	46.322	ug/l #	4

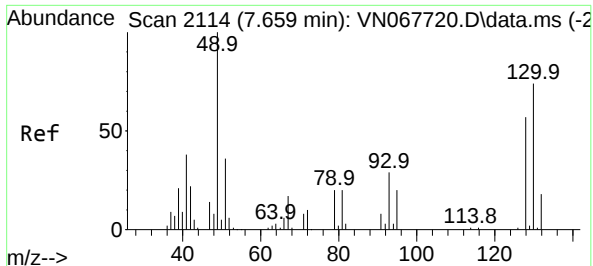
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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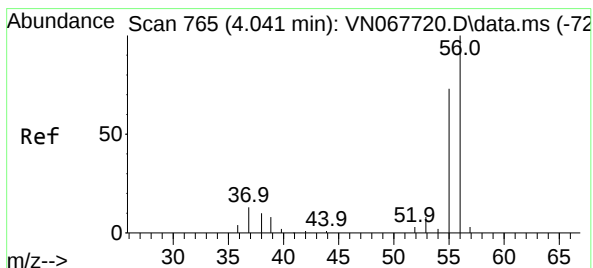
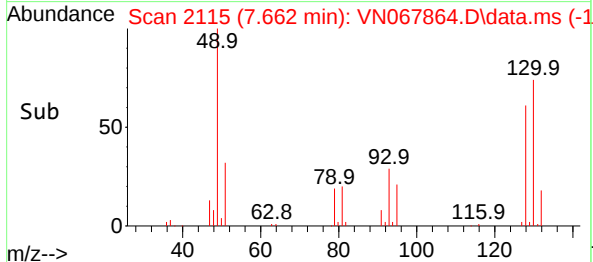
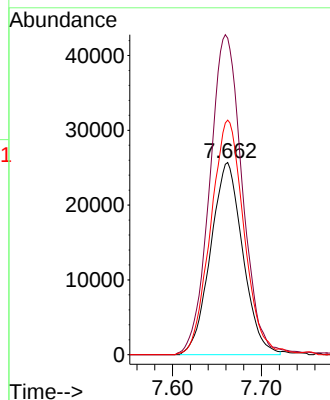
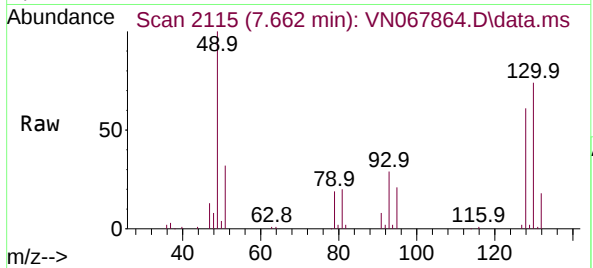




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VN067864.D
Acq: 22 Jul 2021 15:51

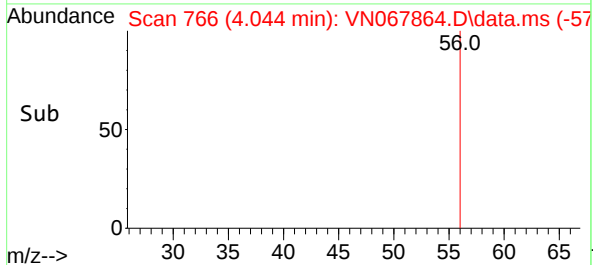
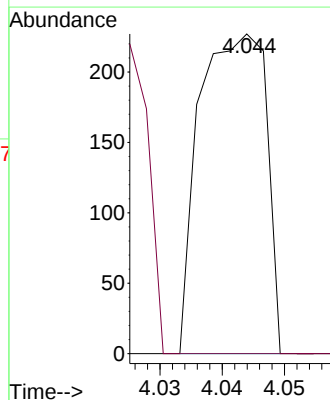
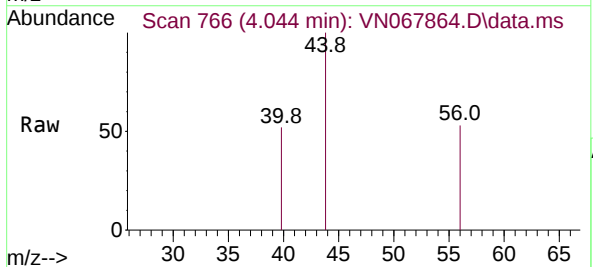
Instrument :
MSVOA_N
ClientSampled :

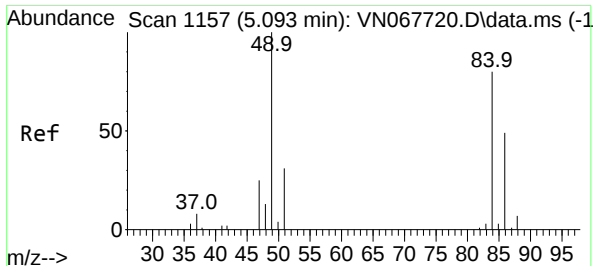
Tgt Ion:128 Resp: 64574
Ion Ratio Lower Upper
128 100
49 168.5 0.0 433.0
130 125.6 0.0 323.8



#13
Acrolein
Concen: 0.377 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.003 min
Lab File: VN067864.D
Acq: 22 Jul 2021 15:51

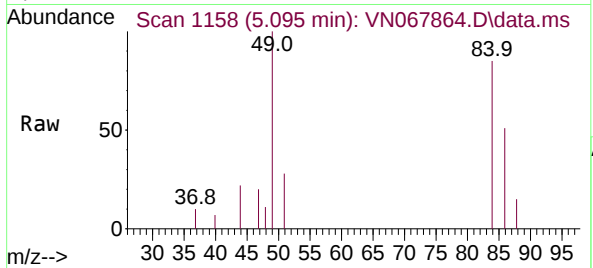
Tgt Ion: 56 Resp: 169
Ion Ratio Lower Upper
56 100
55 56.2 0.2 0.2#





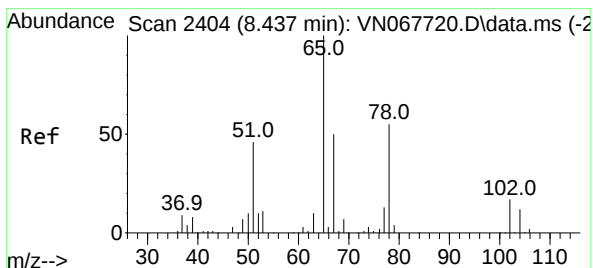
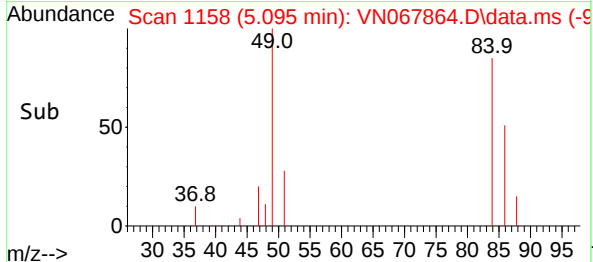
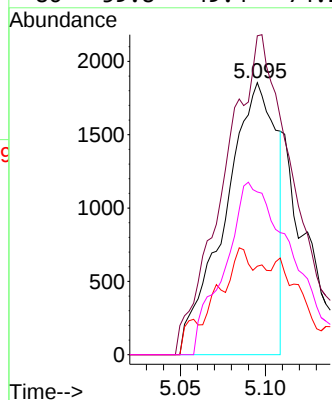
#18
Methylene Chloride
Concen: 0.902 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN067864.D
Acq: 22 Jul 2021 15:51

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion: 84 Resp: 3910

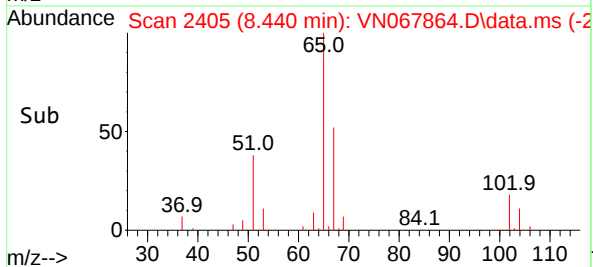
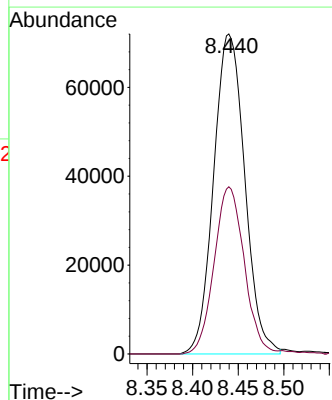
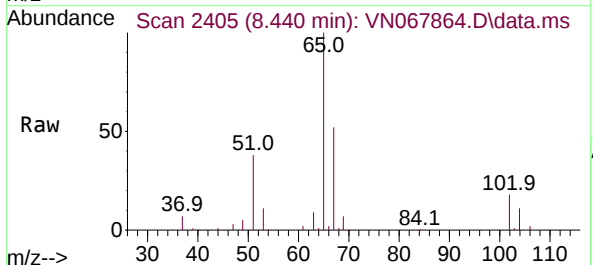
Ion	Ratio	Lower	Upper
84	100		
49	106.5	100.5	150.7
51	32.6	30.7	46.1
86	59.8	49.4	74.2

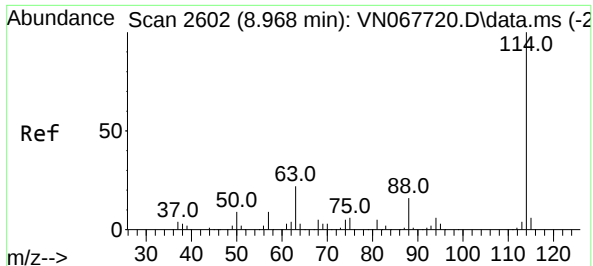


#27
1,2-Dichloroethane-d4
Concen: 32.798 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN067864.D
Acq: 22 Jul 2021 15:51

Tgt Ion: 65 Resp: 171103

Ion	Ratio	Lower	Upper
65	100		
67	50.4	40.6	60.8



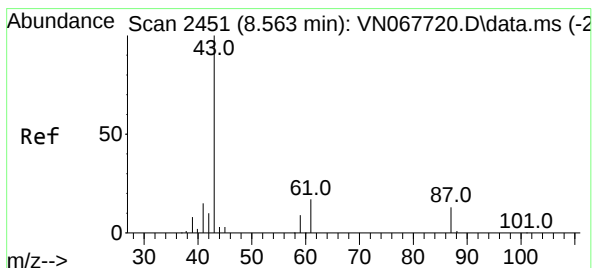
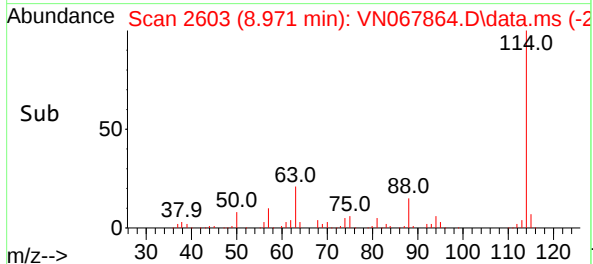
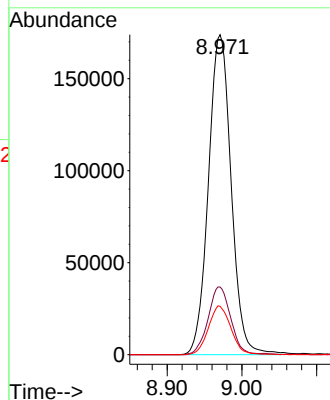
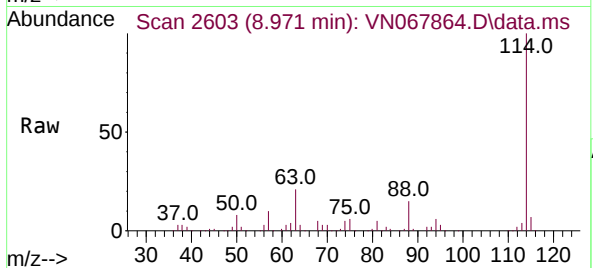


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067864.D
Acq: 22 Jul 2021 15:51

Instrument :
MSVOA_N
ClientSampled :

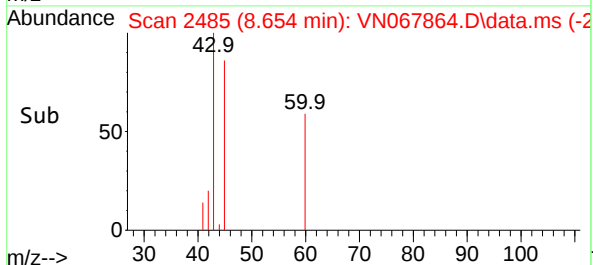
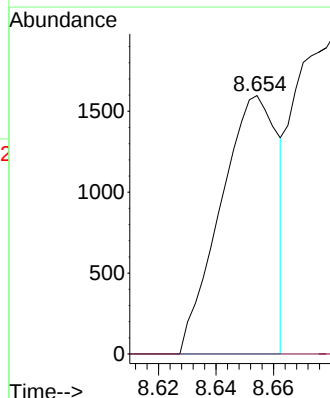
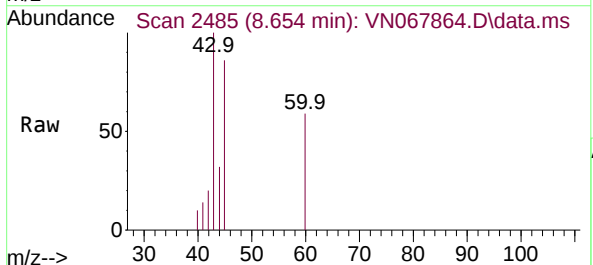
Tgt Ion:114 Resp: 367910
Ion Ratio Lower Upper
114 100
63 21.0 17.2 25.8
88 15.0 12.4 18.6

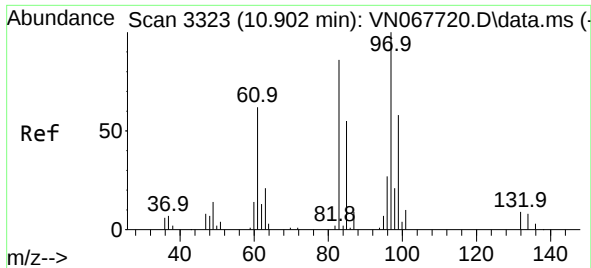


#44

Isopropyl Acetate
Concen: 0.225 ug/l
RT: 8.654 min Scan# 2485
Delta R.T. 0.091 min
Lab File: VN067864.D
Acq: 22 Jul 2021 15:51

Tgt Ion: 43 Resp: 2206
Ion Ratio Lower Upper
43 100
61 64.9 20.4 30.6#

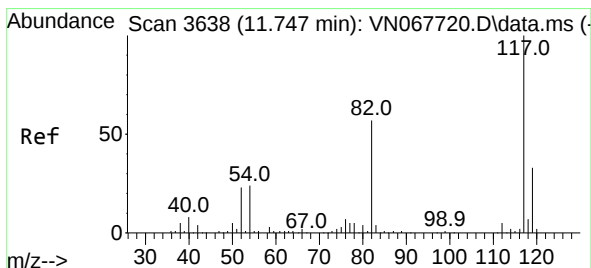
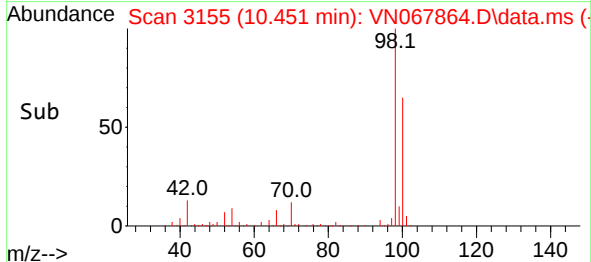
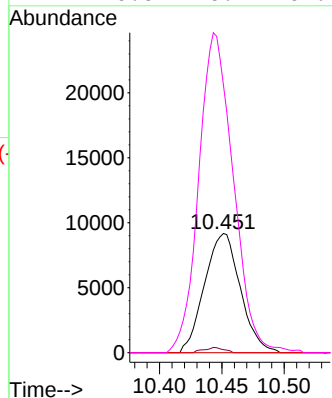
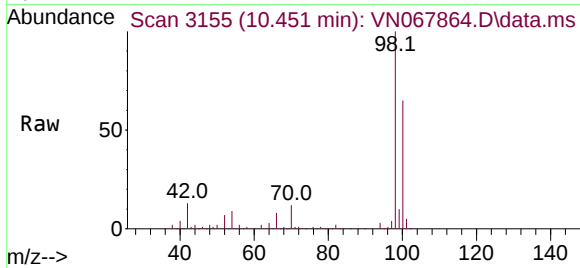




#50
1,1,2-Trichloroethane
Concen: 4.058 ug/l
RT: 10.451 min Scan# 3155
Delta R.T. -0.451 min
Lab File: VN067864.D
Acq: 22 Jul 2021 15:51

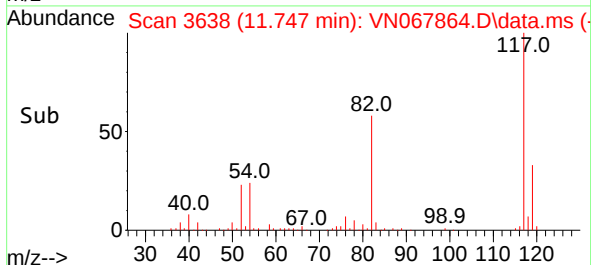
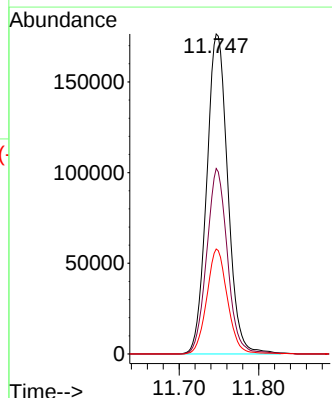
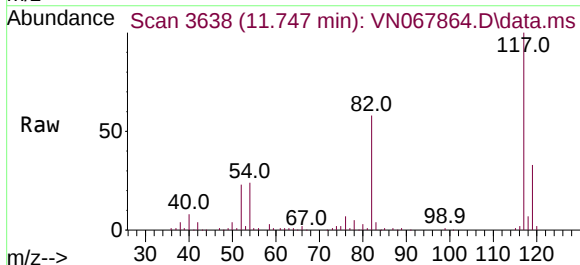
Instrument :
MSVOA_N
ClientSampleId :

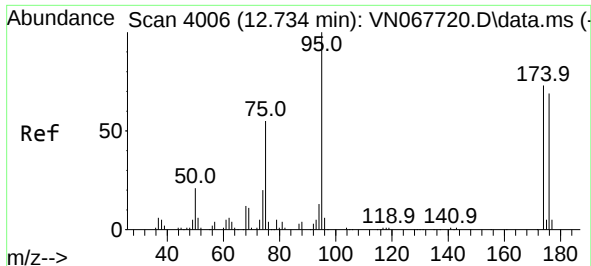
Tgt Ion:	97	Resp:	18326
Ion	Ratio	Lower	Upper
97	100		
83	2.6	69.0	103.4#
85	0.0	43.8	65.8#
99	220.6	46.2	69.4#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067864.D
Acq: 22 Jul 2021 15:51

Tgt Ion:	117	Resp:	325213
Ion	Ratio	Lower	Upper
117	100		
82	57.2	45.4	68.0
119	32.1	25.7	38.5

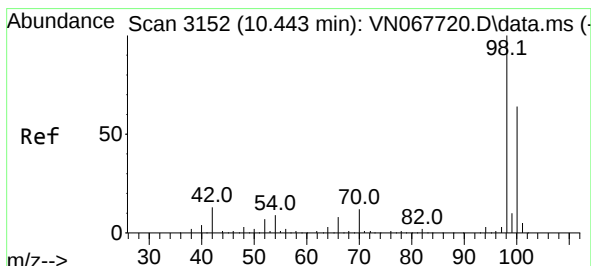
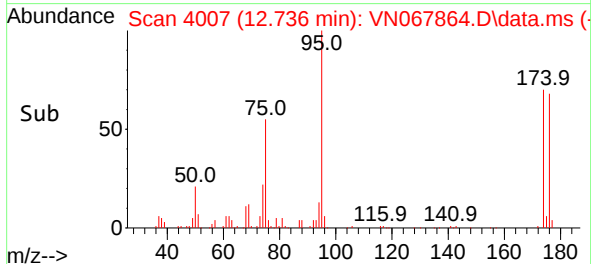
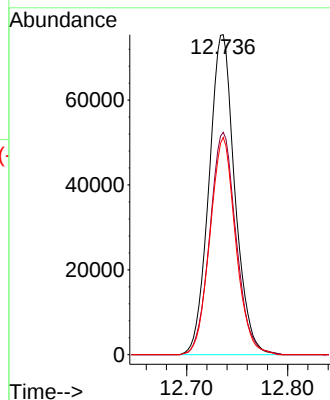
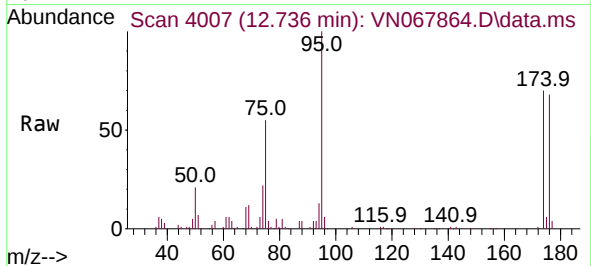




#60
4-Bromofluorobenzene
Concen: 25.412 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067864.D
Acq: 22 Jul 2021 15:51

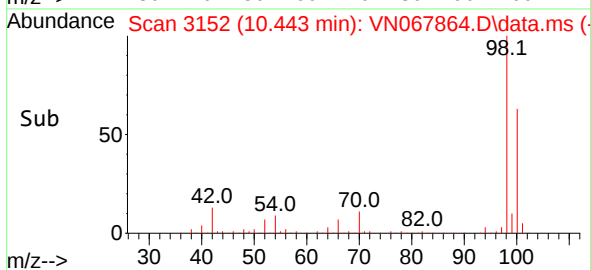
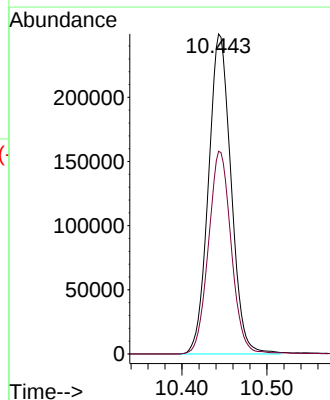
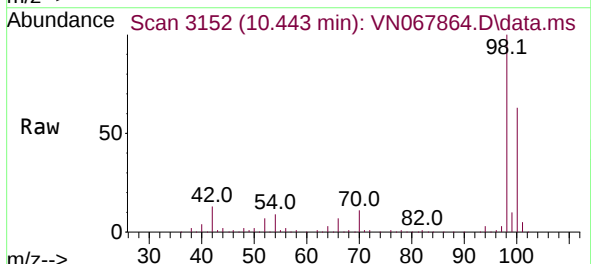
Instrument :
MSVOA_N
ClientSampleId :

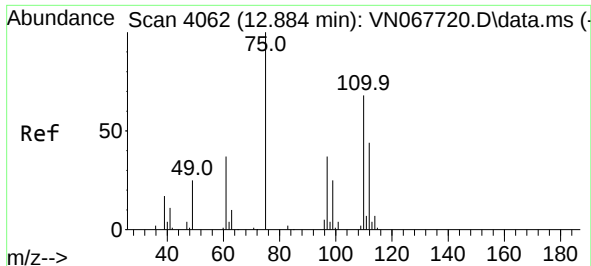
Tgt Ion: 95 Resp: 134213
Ion Ratio Lower Upper
95 100
174 70.8 57.1 85.7
176 67.6 54.6 81.8



#63
Toluene-d8
Concen: 30.781 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067864.D
Acq: 22 Jul 2021 15:51

Tgt Ion: 98 Resp: 460429
Ion Ratio Lower Upper
98 100
100 63.6 51.0 76.4

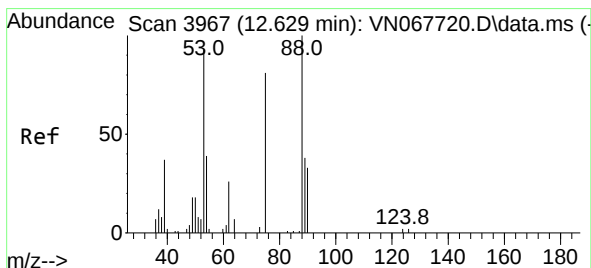
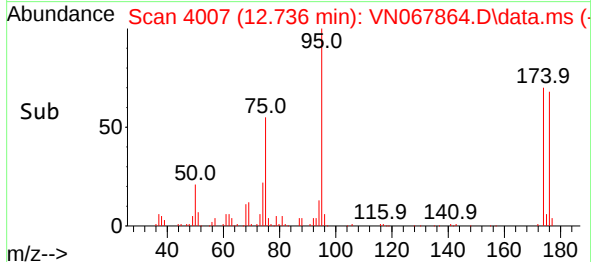
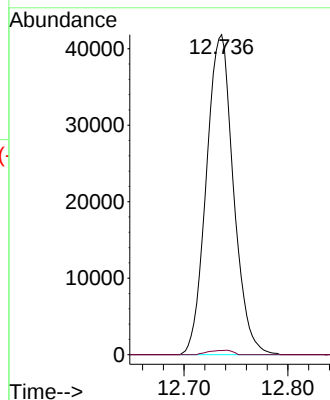
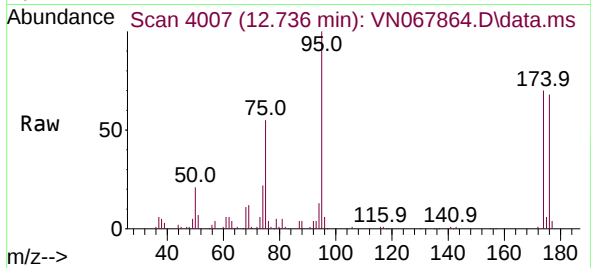




#72
1,2,3-Trichloropropane
Concen: 15.633 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.148 min
Lab File: VN067864.D
Acq: 22 Jul 2021 15:51

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 75890
Ion Ratio Lower Upper
75 100
77 1.2 0.0 365.2



#77
t-1,4-Dichloro-2-butene
Concen: 46.322 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN067864.D
Acq: 22 Jul 2021 15:51

Tgt Ion: 75 Resp: 75890
Ion Ratio Lower Upper
75 100
53 0.0 57.0 171.0#
89 0.0 24.7 74.1#

