

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101221\
 Data File : VN068864.D
 Acq On : 12 Oct 2021 14:20
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 13 05:52:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	486407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	807471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	712954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	272888	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	302097	47.106	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.220%
35) Dibromofluoromethane	8.024	113	243267	51.782	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.560%
50) Toluene-d8	10.443	98	984358	52.367	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.740%
62) 4-Bromofluorobenzene	12.734	95	337085	47.531	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.060%

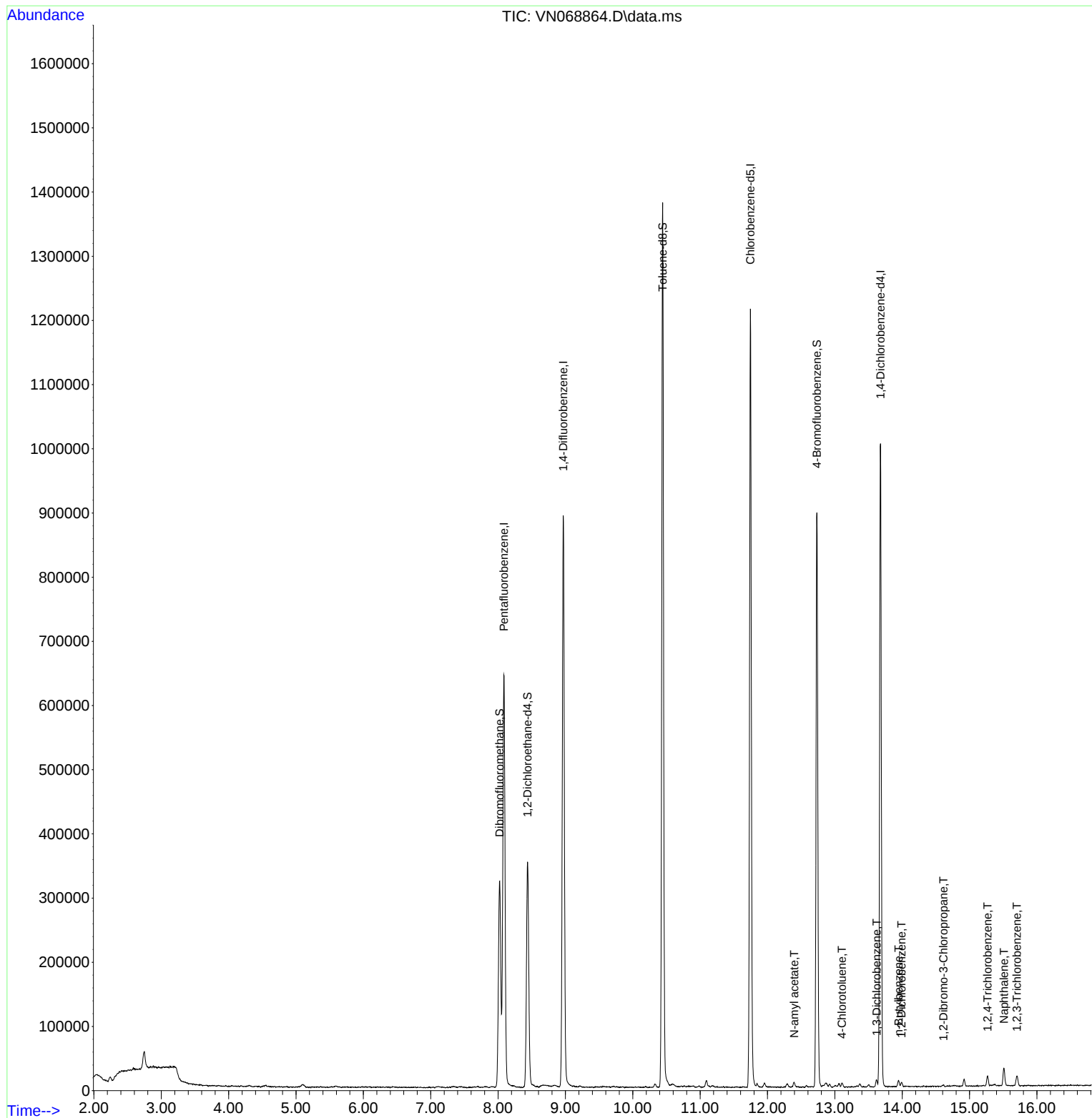
Target Compounds					Qvalue	
74) N-amyl acetate	12.396	43	4343	0.505	ug/l	# 86
82) 4-Chlorotoluene	13.106	91	4560	0.300	ug/l	95
87) 1,3-Dichlorobenzene	13.621	146	3002	0.346	ug/l	95
89) n-Butylbenzene	13.946	91	6750	0.443	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	3060	0.363	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.611	75	662	0.523	ug/l	78
93) 1,2,4-Trichlorobenzene	15.268	180	5186	3.674	ug/l	99
95) Naphthalene	15.509	128	24868	5.626	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	5861	3.790	ug/l	96

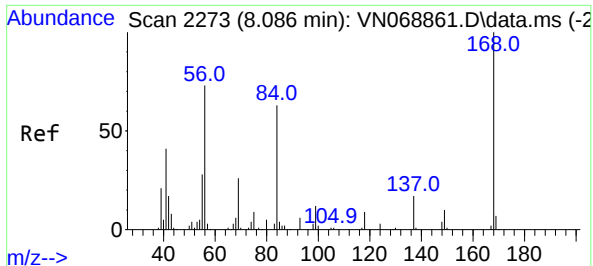
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

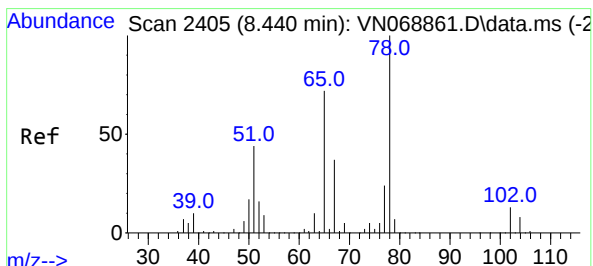
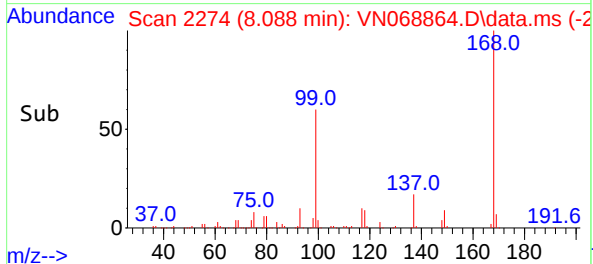
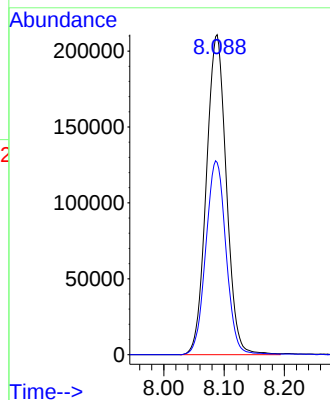
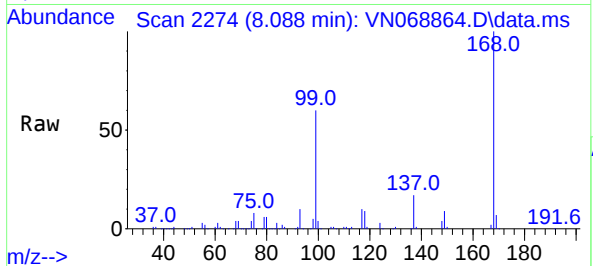




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068864.D
Acq: 12 Oct 2021 14:20

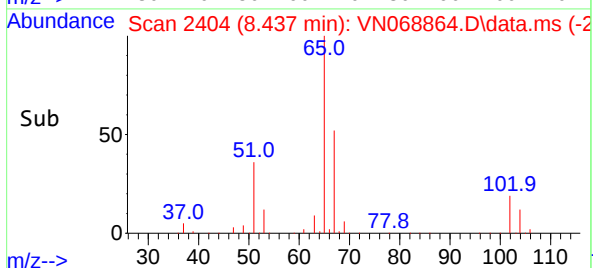
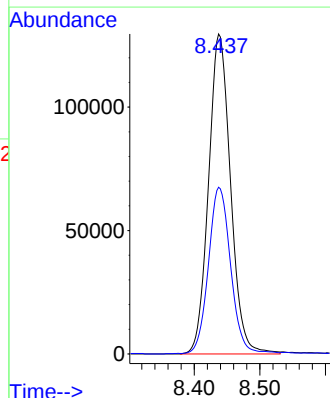
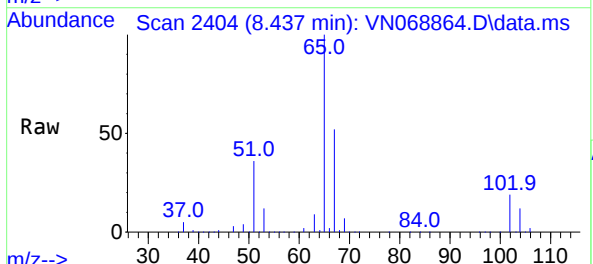
Instrument :
MSVOA_N
ClientSampled :
IBLK

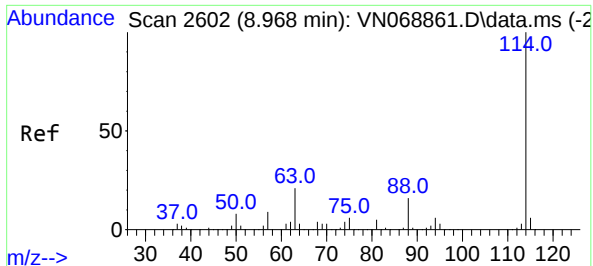
Tgt Ion:168 Resp: 486407
Ion Ratio Lower Upper
168 100
99 60.1 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 47.106 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN068864.D
Acq: 12 Oct 2021 14:20

Tgt Ion: 65 Resp: 302097
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.8



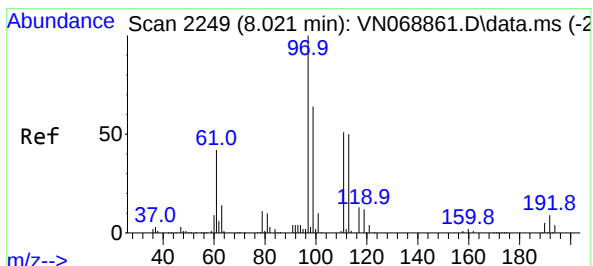
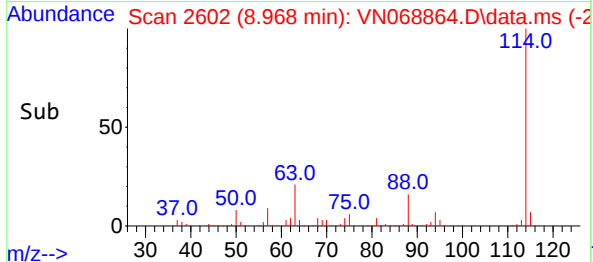
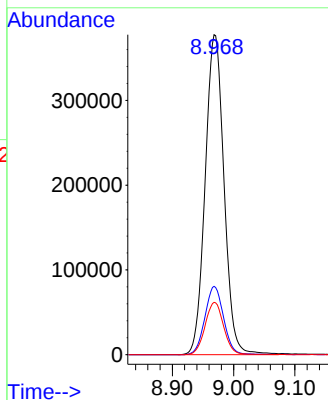
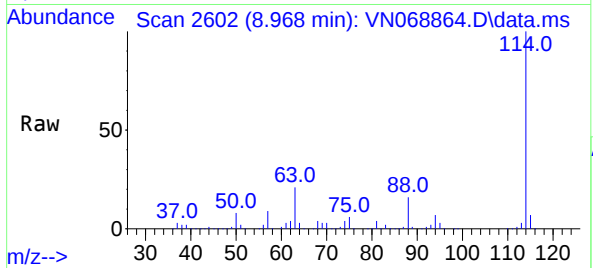


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN068864.D
Acq: 12 Oct 2021 14:20

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tgt Ion:114 Resp: 807471

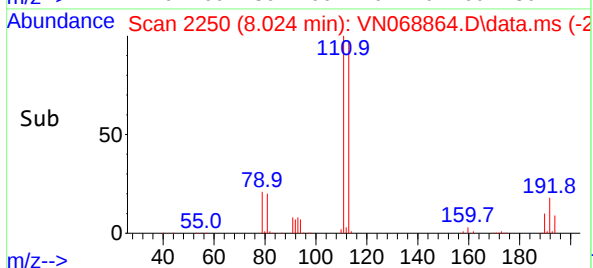
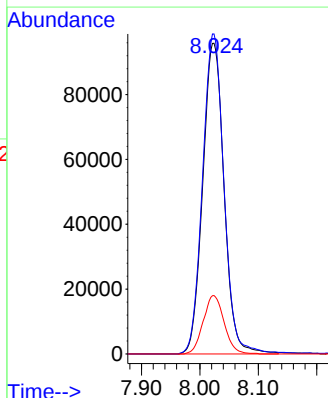
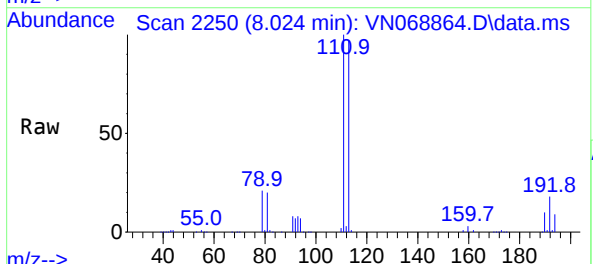
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	42.6
88	16.3	0.0	32.0

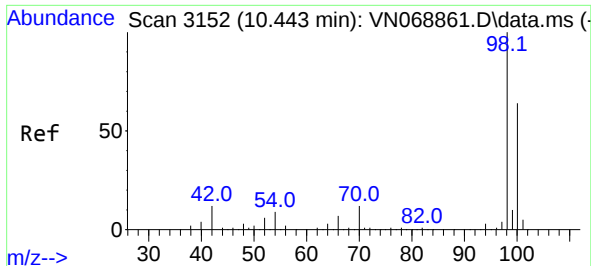


#35
Dibromofluoromethane
Concen: 51.782 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068864.D
Acq: 12 Oct 2021 14:20

Tgt Ion:113 Resp: 243267

Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.2	124.8
192	18.4	15.0	22.4

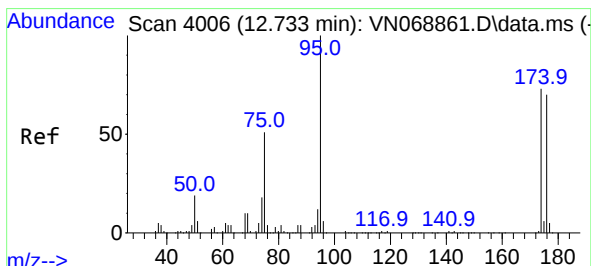
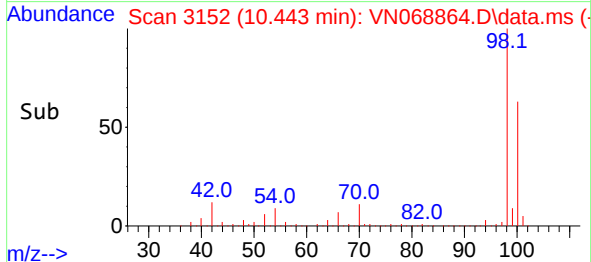
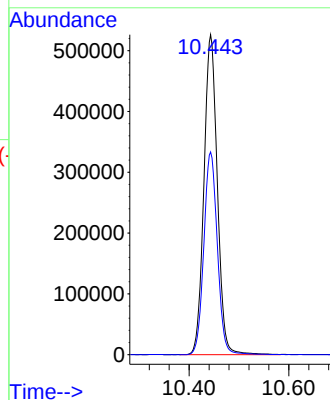
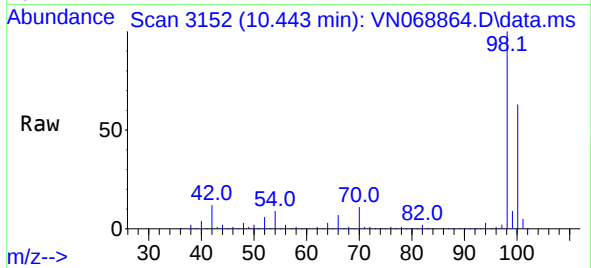




#50
Toluene-d8
Concen: 52.367 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068864.D
Acq: 12 Oct 2021 14:20

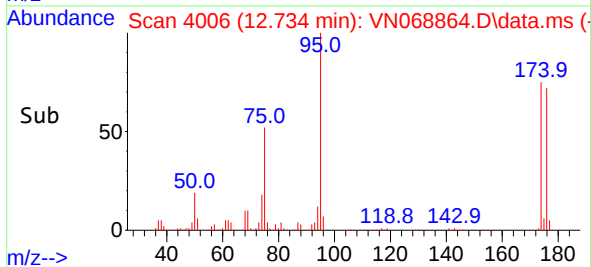
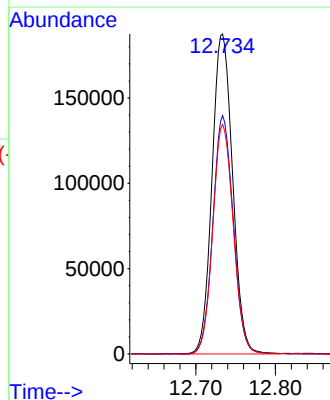
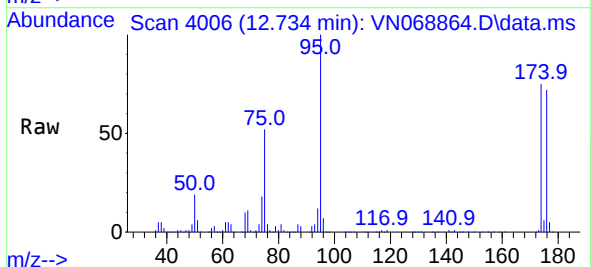
Instrument :
MSVOA_N
ClientSampled :
IBLK

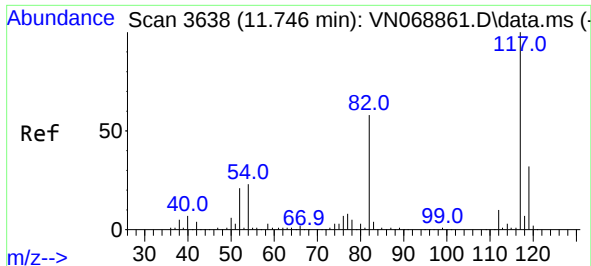
Tgt Ion: 98 Resp: 984358
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 47.531 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068864.D
Acq: 12 Oct 2021 14:20

Tgt Ion: 95 Resp: 337085
Ion Ratio Lower Upper
95 100
174 73.6 0.0 144.8
176 71.4 0.0 140.0

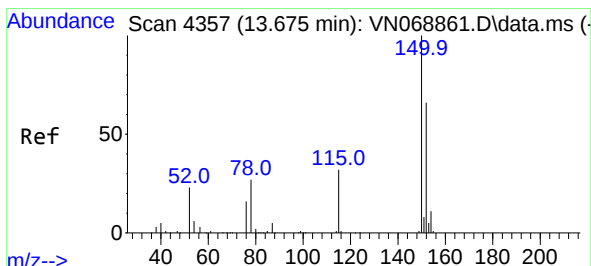
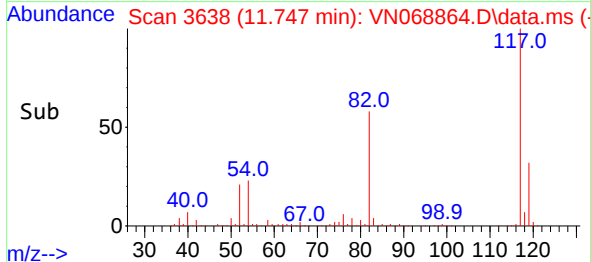
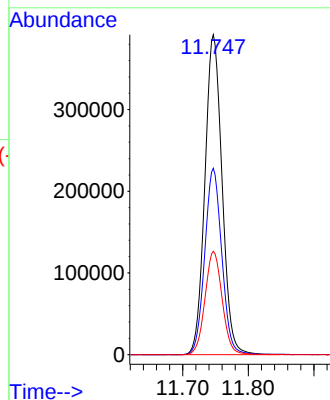
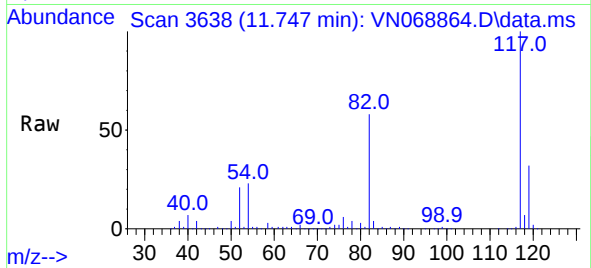




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068864.D
Acq: 12 Oct 2021 14:20

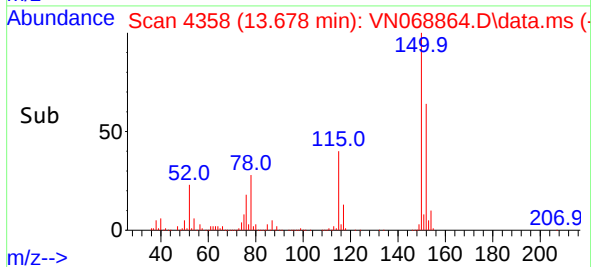
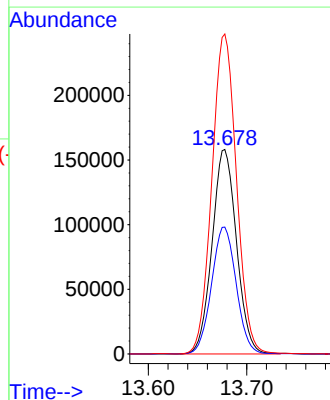
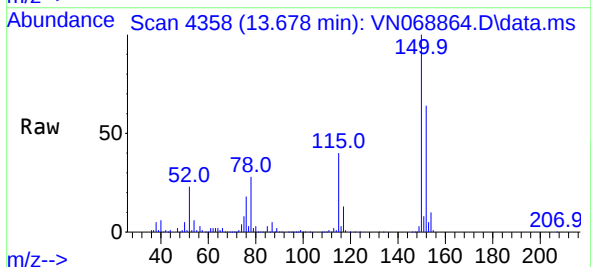
Instrument :
MSVOA_N
ClientSampled :
IBLK

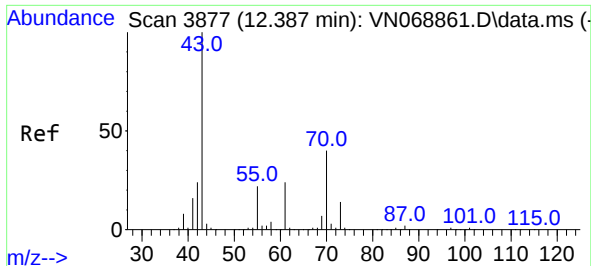
Tgt Ion:117 Resp: 712954
Ion Ratio Lower Upper
117 100
82 58.2 46.4 69.6
119 32.3 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068864.D
Acq: 12 Oct 2021 14:20

Tgt Ion:152 Resp: 272888
Ion Ratio Lower Upper
152 100
115 62.7 31.4 94.3
150 157.7 0.0 351.0



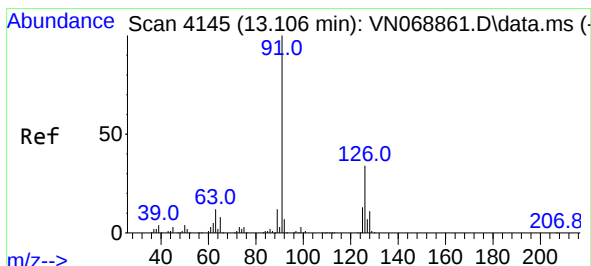
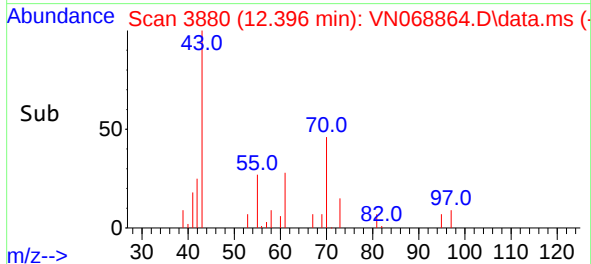
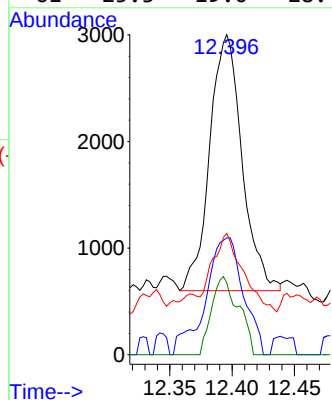
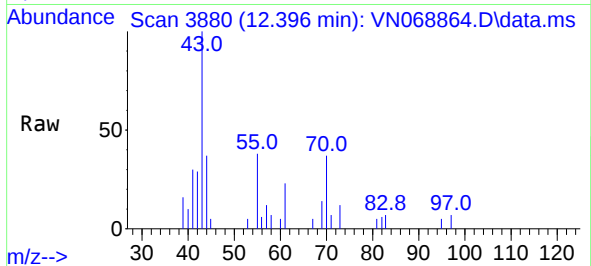


#74
N-amy1 acetate
Concen: 0.505 ug/l
RT: 12.396 min Scan# 3880
Delta R.T. 0.008 min
Lab File: VN068864.D
Acq: 12 Oct 2021 14:20

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tgt Ion: 43 Resp: 4343

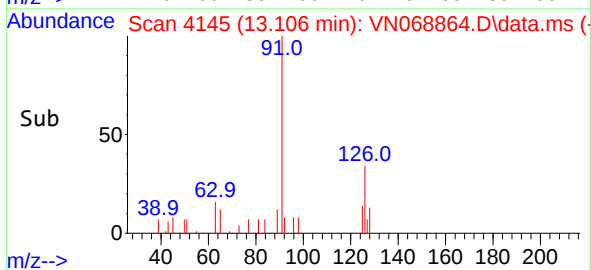
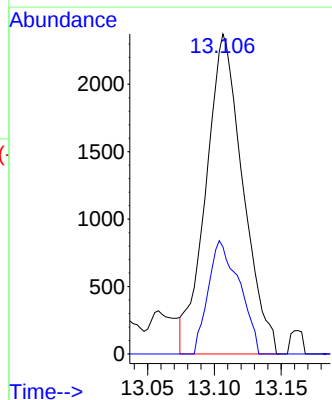
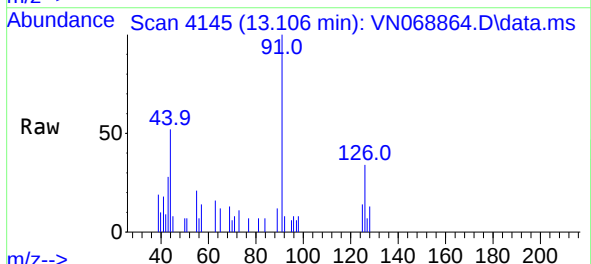
Ion	Ratio	Lower	Upper
43	100		
70	53.4	32.2	48.2#
55	28.9	18.0	27.0#
61	25.3	19.0	28.4

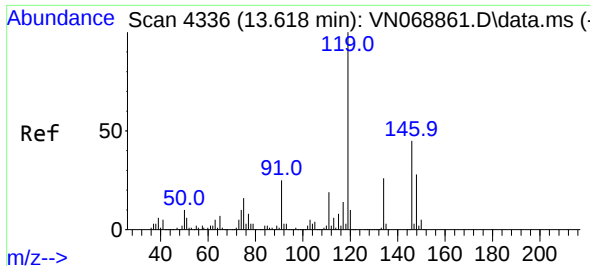


#82
4-Chlorotoluene
Concen: 0.300 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN068864.D
Acq: 12 Oct 2021 14:20

Tgt Ion: 91 Resp: 4560

Ion	Ratio	Lower	Upper
91	100		
126	29.8	16.3	48.8



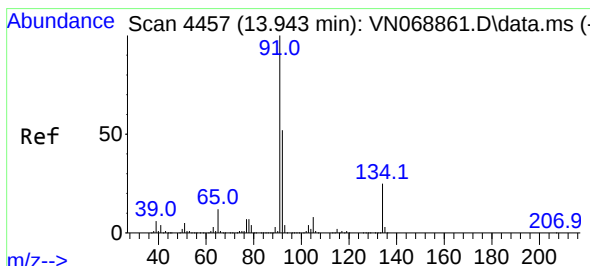
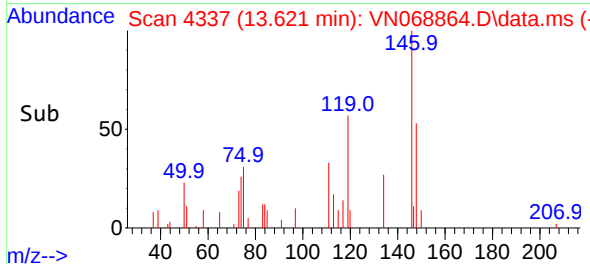
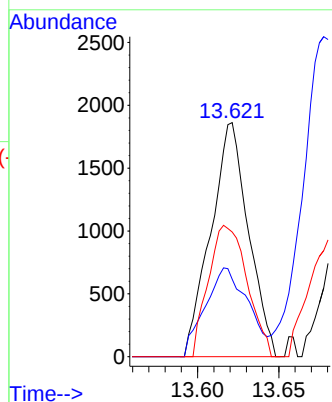
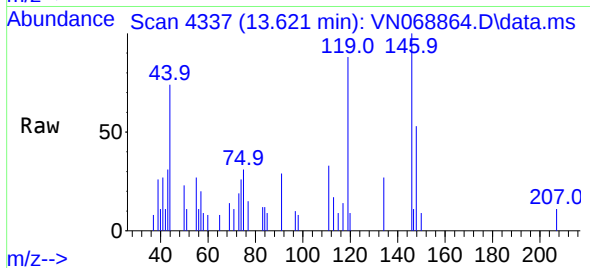


#87

1,3-Dichlorobenzene
Concen: 0.346 ug/l
RT: 13.621 min Scan# 4337
Delta R.T. 0.003 min
Lab File: VN068864.D
Acq: 12 Oct 2021 14:20

Instrument :
MSVOA_N
ClientSampled :
IBLK

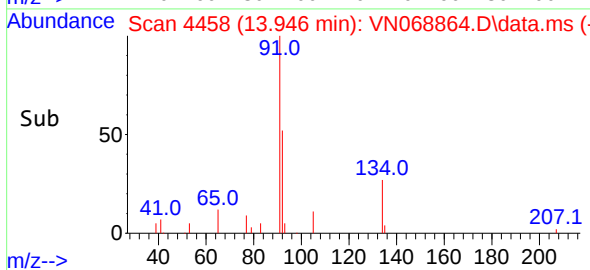
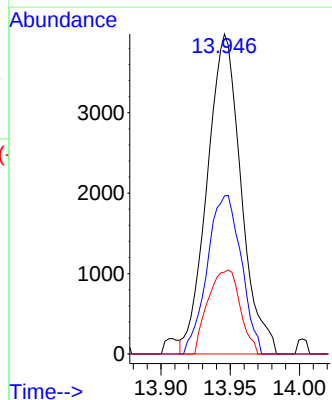
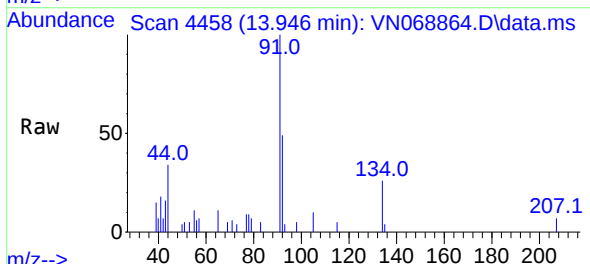
Tgt Ion:	146	Resp:	3002
Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.4	64.2
148	57.7	32.0	96.2

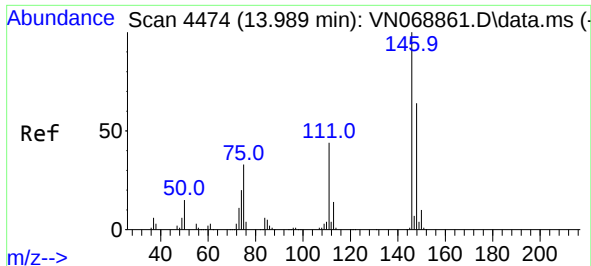


#89

n-Butylbenzene
Concen: 0.443 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN068864.D
Acq: 12 Oct 2021 14:20

Tgt Ion:	91	Resp:	6750
Ion	Ratio	Lower	Upper
91	100		
92	49.7	26.0	78.0
134	24.9	12.5	37.5

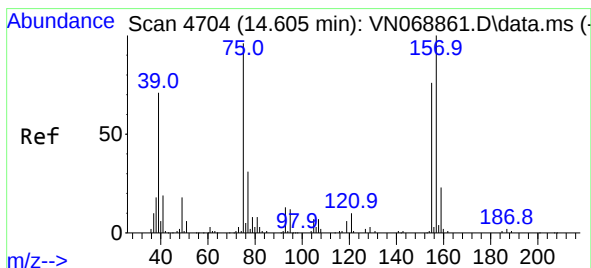
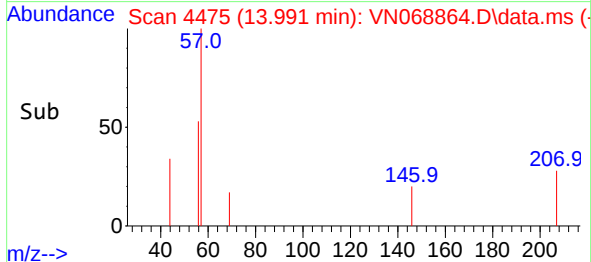
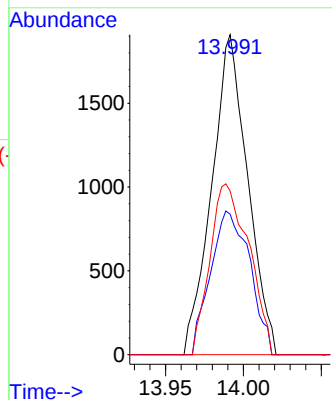
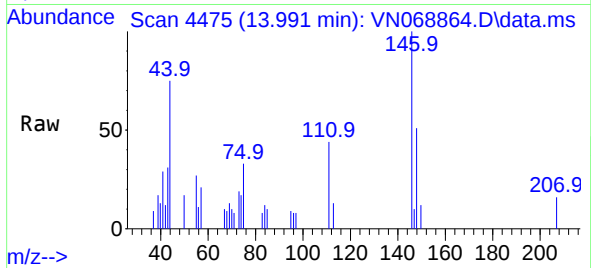




#91
1,2-Dichlorobenzene
Concen: 0.363 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.003 min
Lab File: VN068864.D
Acq: 12 Oct 2021 14:20

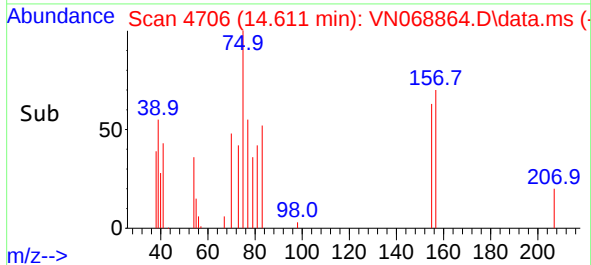
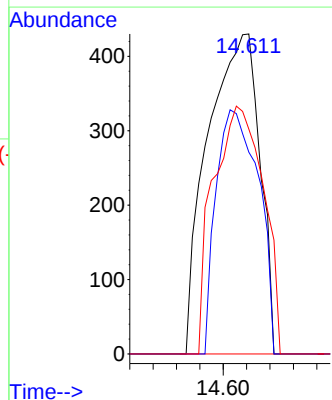
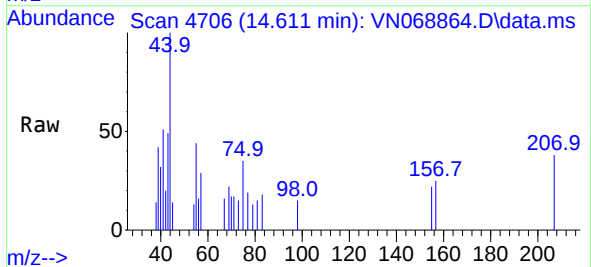
Instrument :
MSVOA_N
ClientSampled :
IBLK

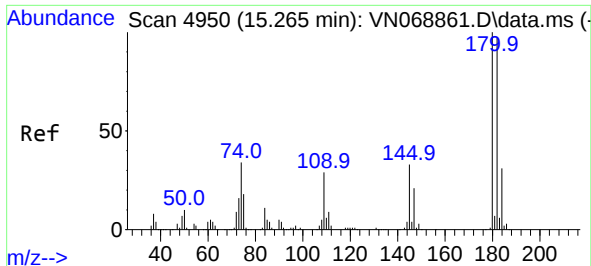
Tgt Ion:	146	Resp:	3060
Ion	Ratio	Lower	Upper
146	100		
111	49.2	22.0	66.0
148	57.8	32.1	96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.523 ug/l
RT: 14.611 min Scan# 4706
Delta R.T. 0.005 min
Lab File: VN068864.D
Acq: 12 Oct 2021 14:20

Tgt Ion:	75	Resp:	662
Ion	Ratio	Lower	Upper
75	100		
155	62.2	38.8	116.4
157	74.5	50.2	150.6

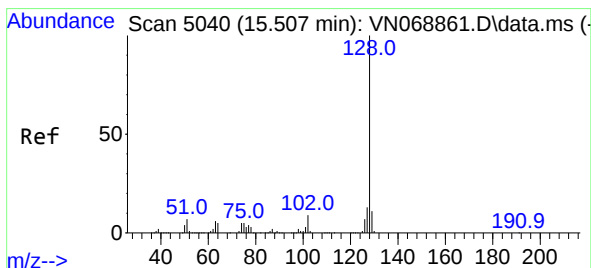
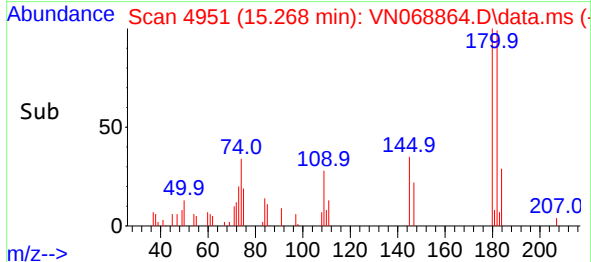
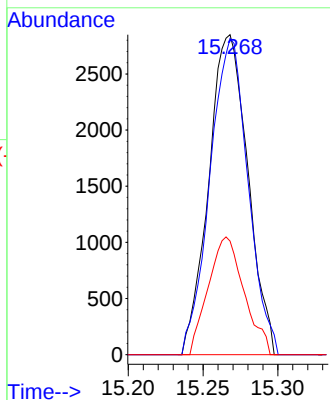
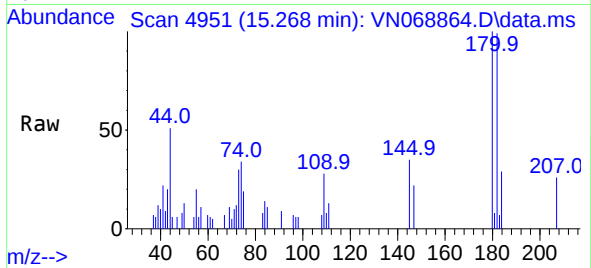




#93
1,2,4-Trichlorobenzene
Concen: 3.674 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN068864.D
Acq: 12 Oct 2021 14:20

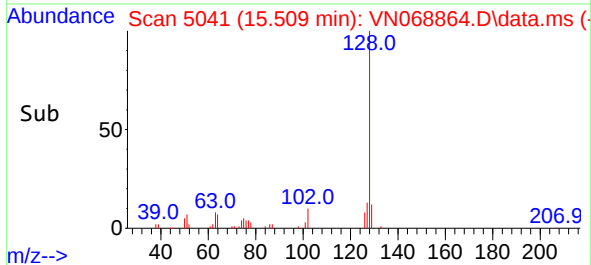
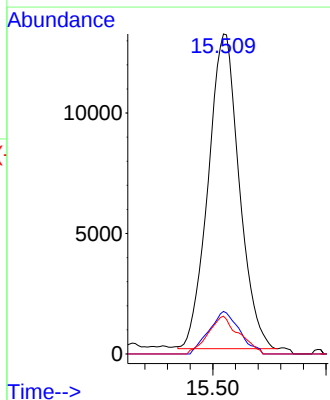
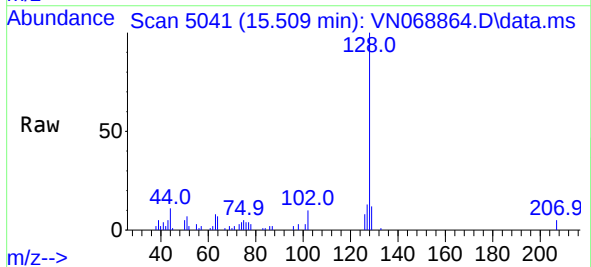
Instrument :
MSVOA_N
ClientSampled :
IBLK

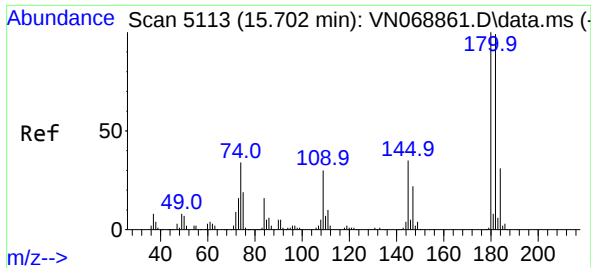
Tgt Ion:	180	Resp:	5186
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.9	143.7
145	33.7	16.4	49.2



#95
Naphthalene
Concen: 5.626 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068864.D
Acq: 12 Oct 2021 14:20

Tgt Ion:	128	Resp:	24868
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.5	15.7
129	11.9	8.9	13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 3.790 ug/l
 RT: 15.702 min Scan# 5113
 Delta R.T. 0.000 min
 Lab File: VN068864.D
 Acq: 12 Oct 2021 14:20

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion:	180	Resp:	5861
Ion	Ratio	Lower	Upper
180	100		
182	100.5	48.1	144.3
145	33.8	17.4	52.2

