

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072522\
 Data File : VN073593.D
 Acq On : 25 Jul 2022 20:54
 Operator : JC\MD
 Sample : N3876-02 2000X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPC-06-84

Quant Time: Jul 26 02:19:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

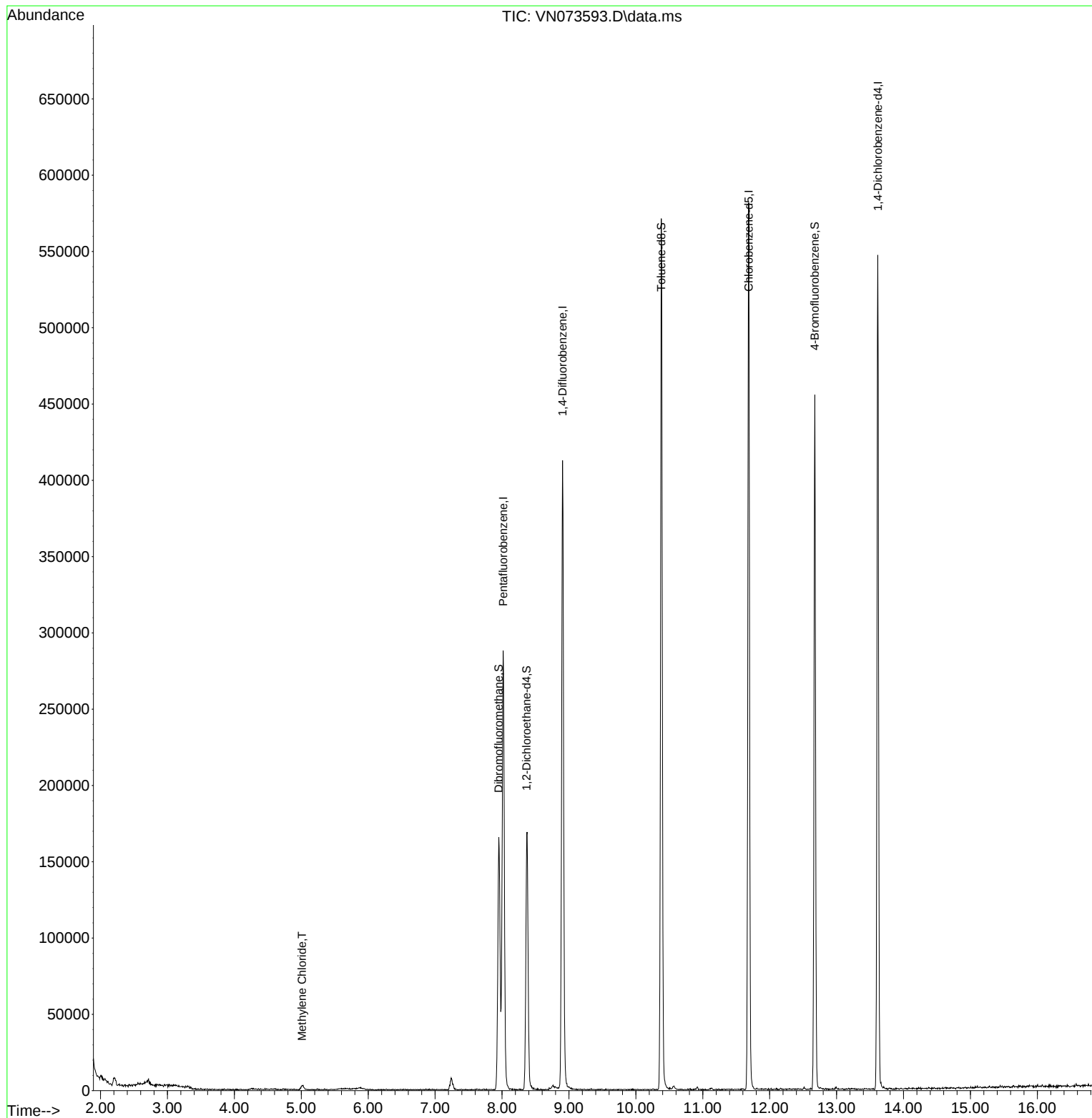
Internal Standards						
1) Pentafluorobenzene	8.016	168	213867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	353046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	325798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	144768	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	138645	44.907	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.820%
35) Dibromofluoromethane	7.951	113	118697	50.534	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.060%
50) Toluene-d8	10.381	98	382550	45.856	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.720%
62) 4-Bromofluorobenzene	12.674	95	144484	45.068	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.140%
Target Compounds						Qvalue
20) Methylene Chloride	5.010	84	2407	0.790	ug/l #	82

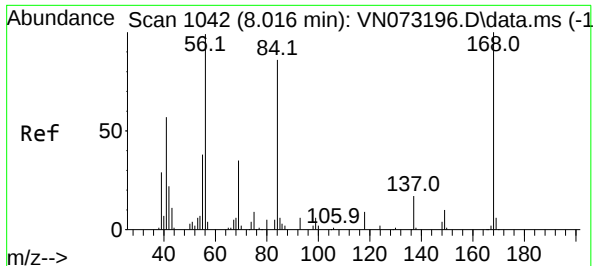
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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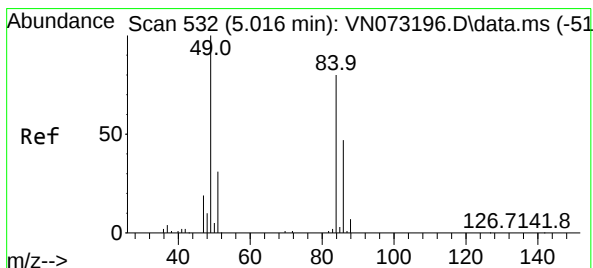
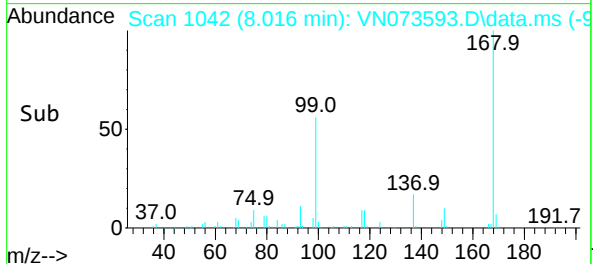
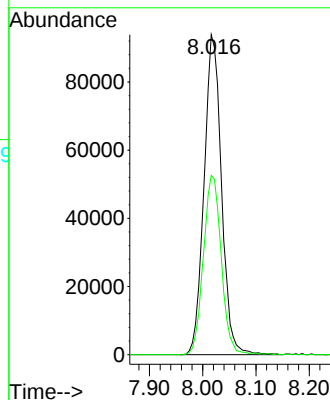
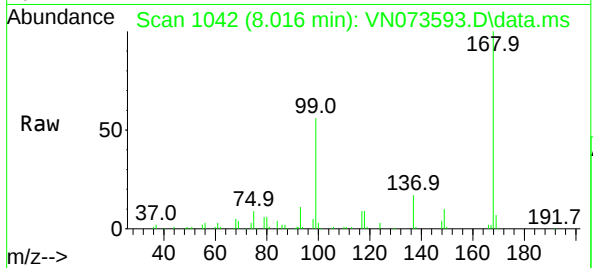




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073593.D
Acq: 25 Jul 2022 20:54

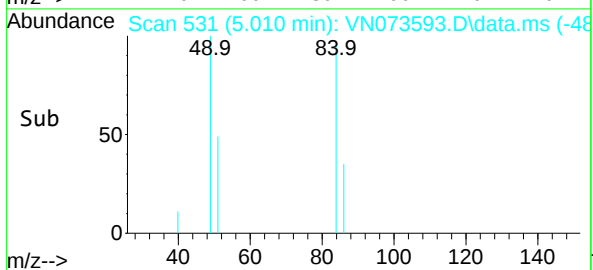
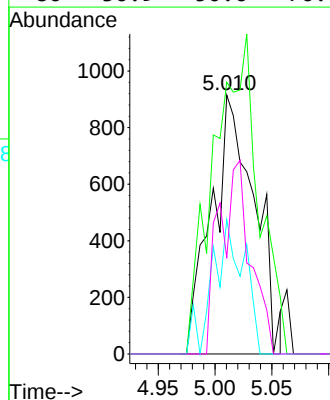
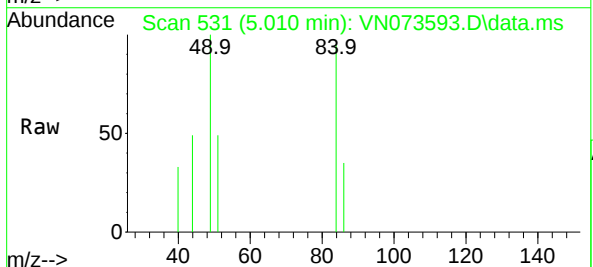
Instrument :
MSVOA_N
ClientSampleId :
SPC-06-84

Tgt Ion:168 Resp: 213867
Ion Ratio Lower Upper
168 100
99 56.0 42.3 63.5



#20
Methylene Chloride
Concen: 0.790 ug/l
RT: 5.010 min Scan# 531
Delta R.T. -0.006 min
Lab File: VN073593.D
Acq: 25 Jul 2022 20:54

Tgt Ion: 84 Resp: 2407
Ion Ratio Lower Upper
84 100
49 104.9 88.3 132.5
51 51.9 28.2 42.2#
86 36.9 50.6 76.0#

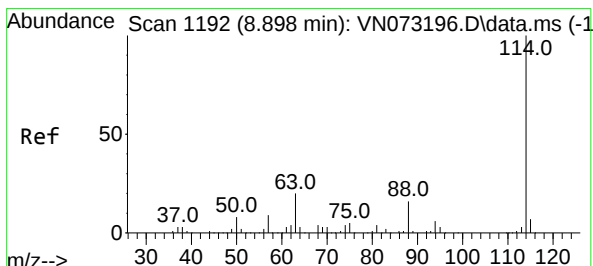
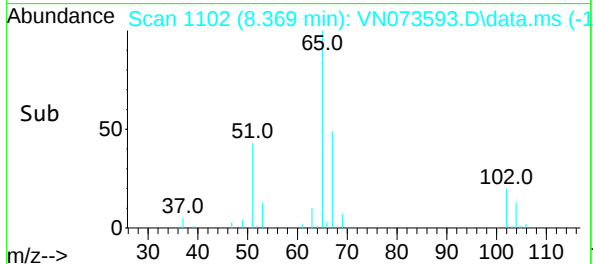
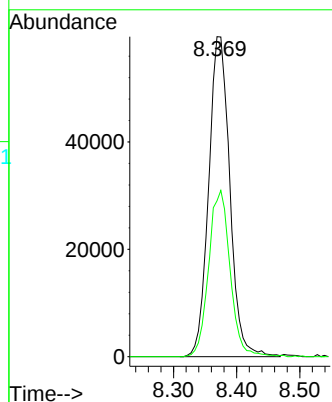
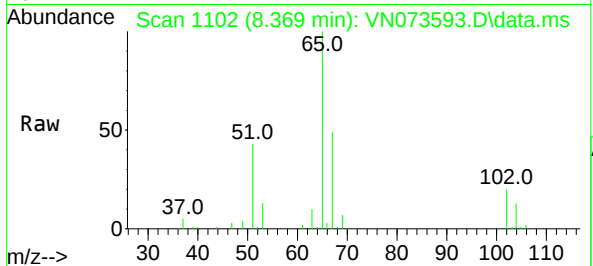




#33
 1,2-Dichloroethane-d4
 Concen: 44.907 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. -0.000 min
 Lab File: VN073593.D
 Acq: 25 Jul 2022 20:54

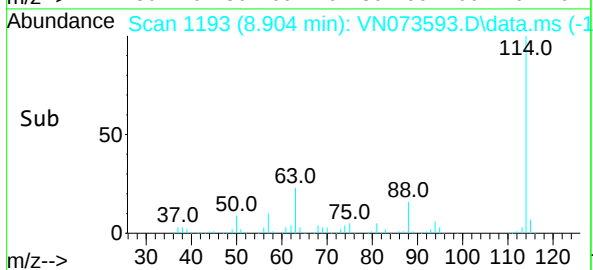
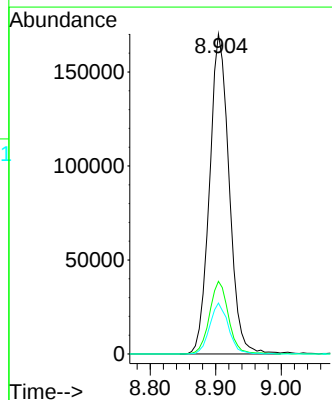
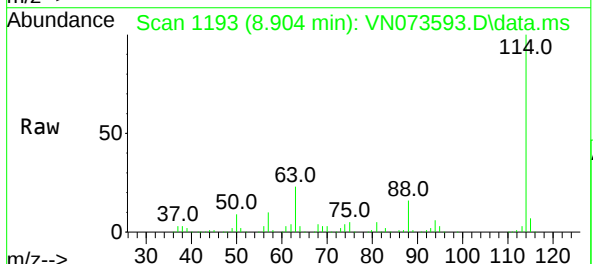
Instrument :
 MSVOA_N
 ClientSampleId :
 SPC-06-84

Tgt Ion: 65 Resp: 138645
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.904 min Scan# 1193
 Delta R.T. 0.006 min
 Lab File: VN073593.D
 Acq: 25 Jul 2022 20:54

Tgt Ion: 114 Resp: 353046
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 40.0
 88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.534 ug/l

RT: 7.951 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN073593.D

Acq: 25 Jul 2022 20:54

Instrument :

MSVOA_N

ClientSampleId :

SPC-06-84

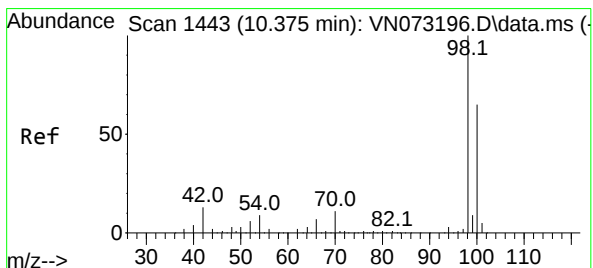
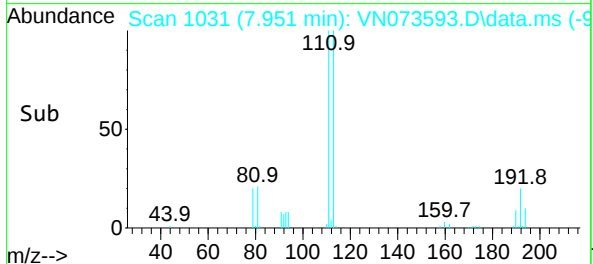
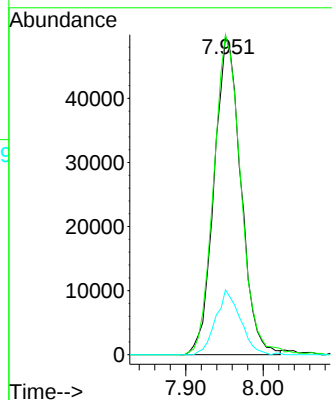
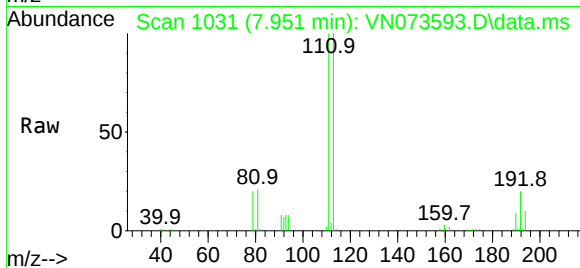
Tgt Ion:113 Resp: 118697

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 18.7 17.0 25.6



#50

Toluene-d8

Concen: 45.856 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.006 min

Lab File: VN073593.D

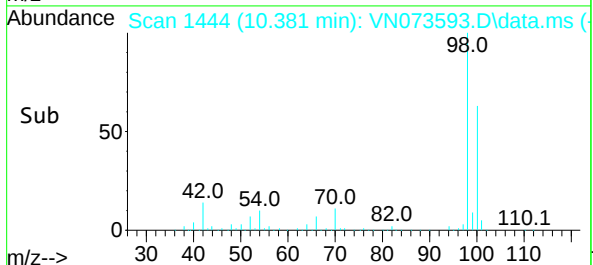
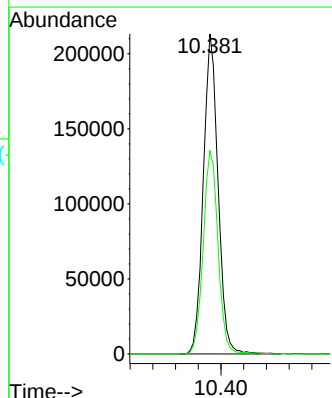
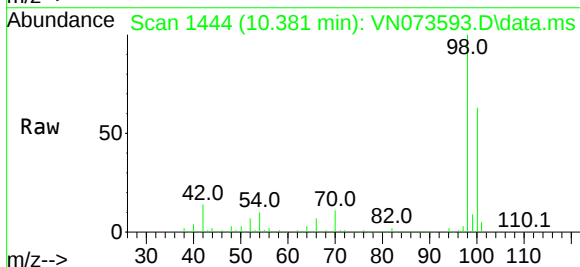
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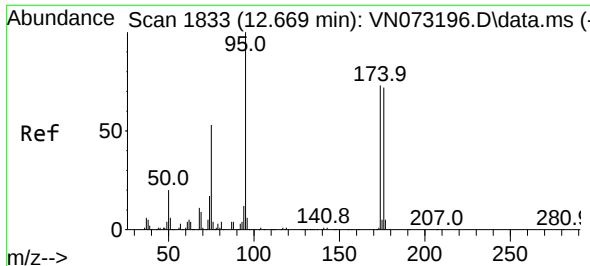
Tgt Ion: 98 Resp: 382550

Ion Ratio Lower Upper

98 100

100 64.1 52.6 78.8

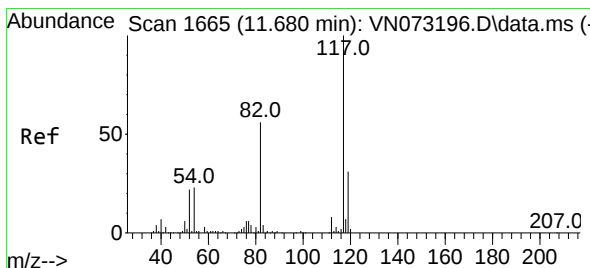
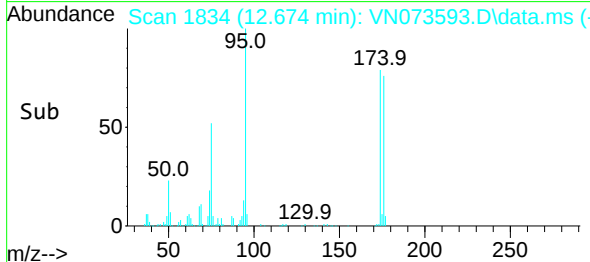
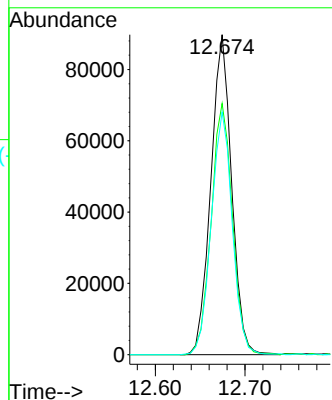
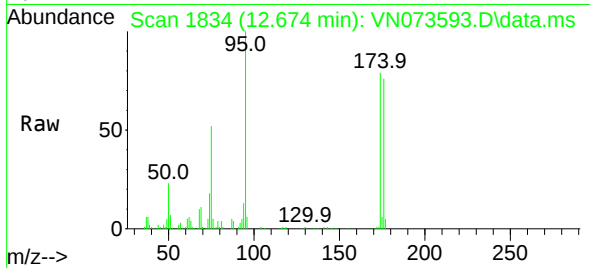




#62
4-Bromofluorobenzene
Concen: 45.068 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073593.D
Acq: 25 Jul 2022 20:54

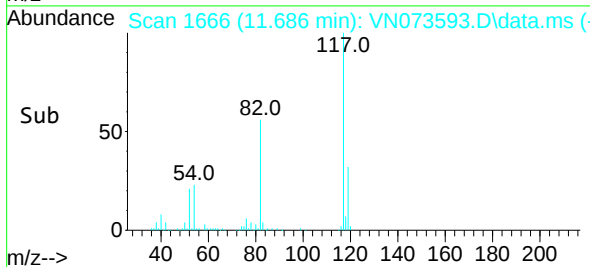
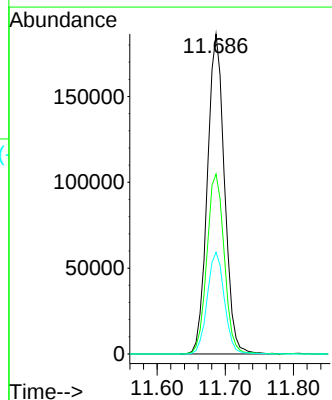
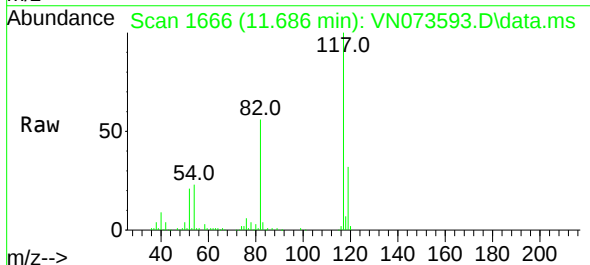
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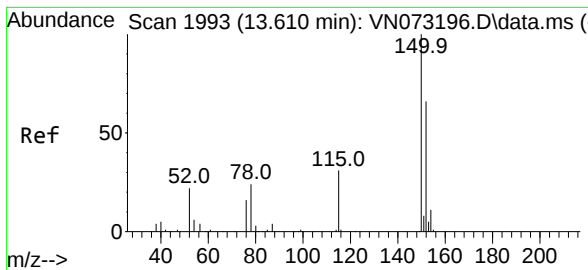
Tgt Ion: 95 Resp: 144484
Ion Ratio Lower Upper
95 100
174 80.2 0.0 167.6
176 76.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073593.D
Acq: 25 Jul 2022 20:54

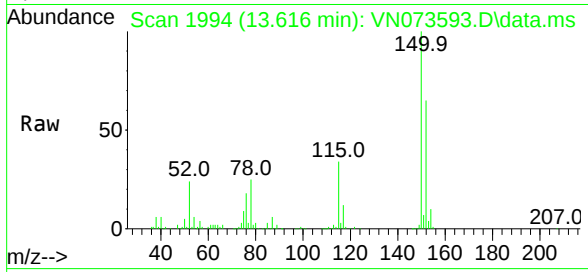
Tgt Ion: 117 Resp: 325798
Ion Ratio Lower Upper
117 100
82 56.2 44.2 66.2
119 31.8 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.006 min
 Lab File: VN073593.D
 Acq: 25 Jul 2022 20:54

Instrument :
 MSVOA_N
 ClientSampleId :
 SPC-06-84



Tgt Ion:	152	Resp:	144768
Ion Ratio	Lower	Upper	
152	100		
115	56.7	28.9	86.7
150	156.6	0.0	356.2

