

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100322\
 Data File : VN074717.D
 Acq On : 03 Oct 2022 19:51
 Operator : JC\MD
 Sample : N4933-02DL 4X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-DUP-20220927DL

Quant Time: Oct 04 06:14:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 05:54:56 2022
 Response via : Initial Calibration

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

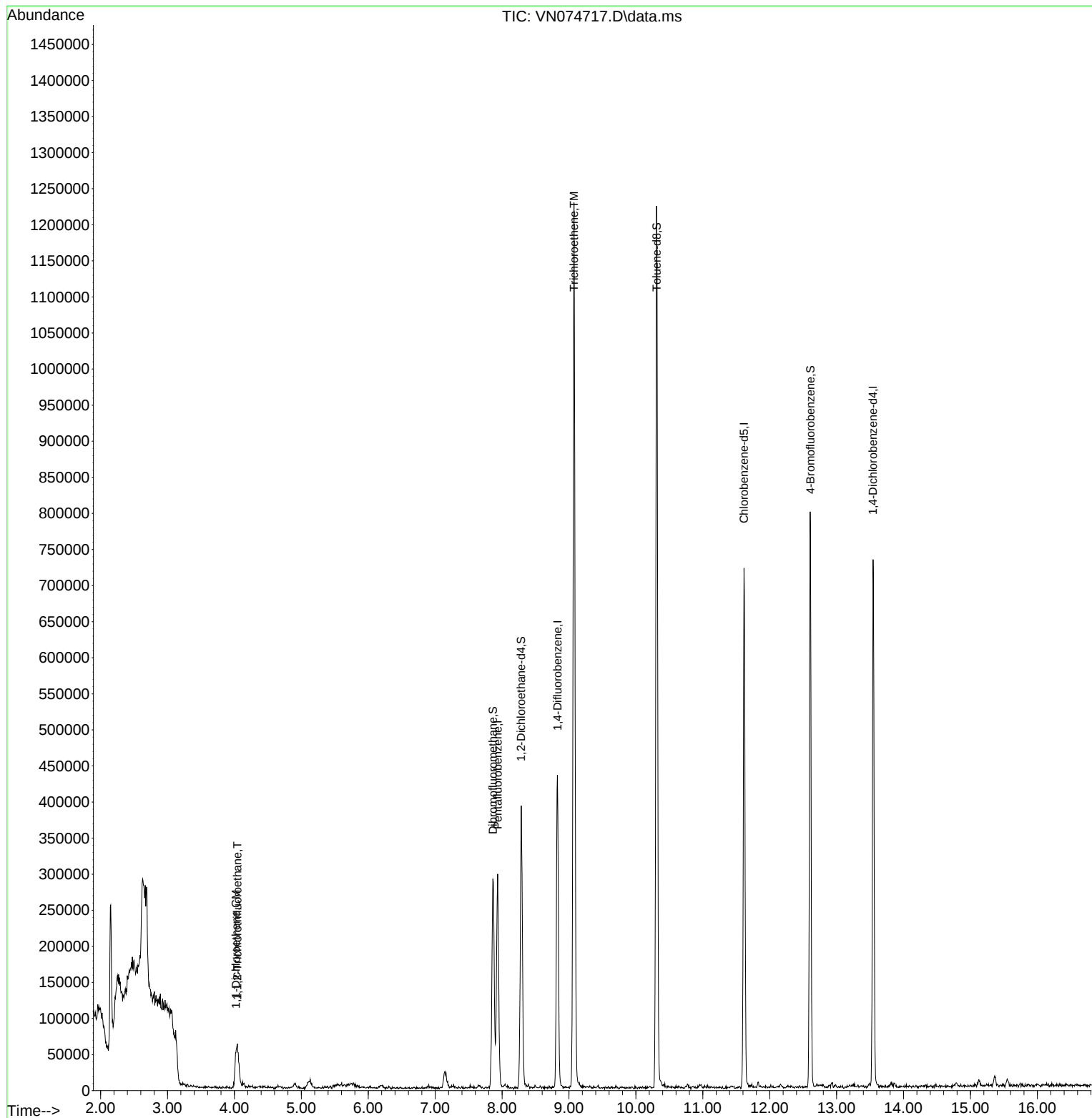
Internal Standards						
1) Pentafluorobenzene	7.933	168	203792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.827	114	363900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.615	117	369232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.545	152	177088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.286	65	271131	52.946	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.900%	
35) Dibromofluoromethane	7.863	113	198239	50.674	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.340%	
50) Toluene-d8	10.310	98	804717	50.046	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.100%	
62) 4-Bromofluorobenzene	12.609	95	219035	40.712	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 81.420%#	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.045	101	25284	6.863	ug/l #	60
12) 1,1-Dichloroethene	4.022	96	17772	4.847	ug/l #	94
44) Trichloroethene	9.074	130	384468	89.647	ug/l	94

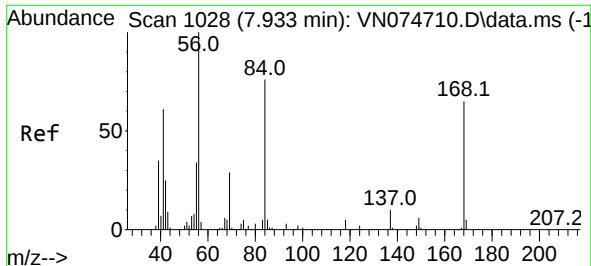
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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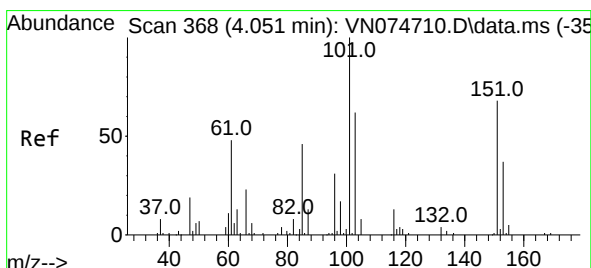
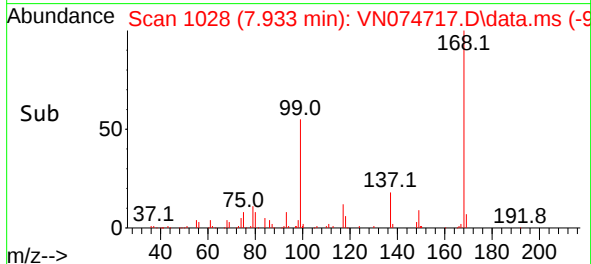
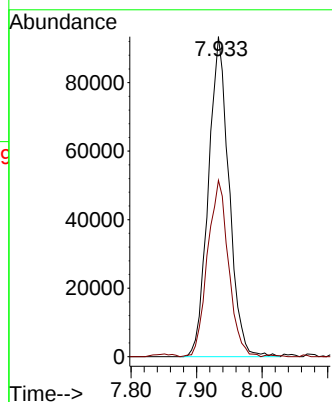
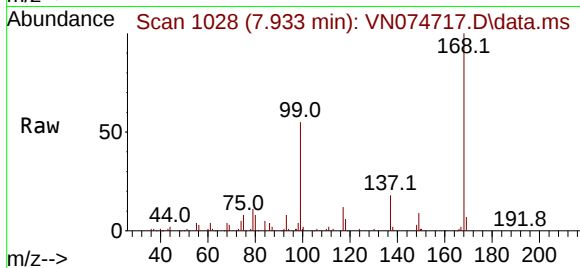




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.933 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VN074717.D
Acq: 03 Oct 2022 19:51

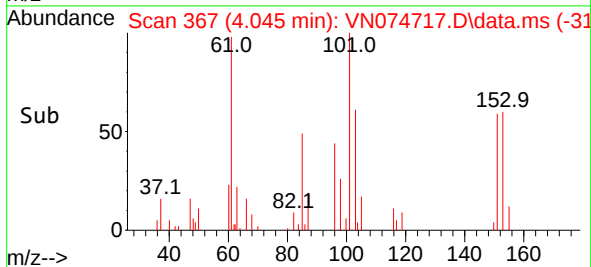
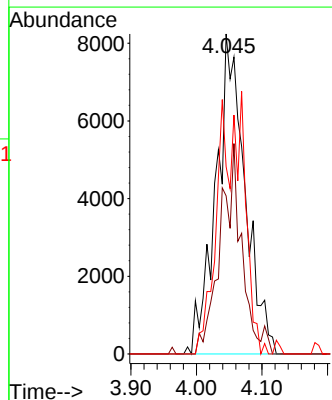
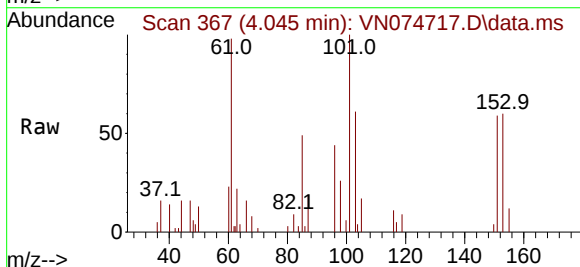
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-DUP-20220927DL

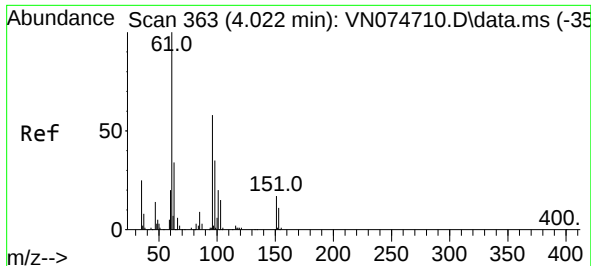
Tgt Ion:168 Resp: 203792
Ion Ratio Lower Upper
168 100
99 55.1 42.3 63.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.863 ug/l
RT: 4.045 min Scan# 367
Delta R.T. 0.000 min
Lab File: VN074717.D
Acq: 03 Oct 2022 19:51

Tgt Ion:101 Resp: 25284
Ion Ratio Lower Upper
101 100
85 25.7 34.7 52.1#
151 37.6 63.0 94.4#





#12

1,1-Dichloroethene

Concen: 4.847 ug/l

RT: 4.022 min Scan# 3

Delta R.T. 0.006 min

Lab File: VN074717.D

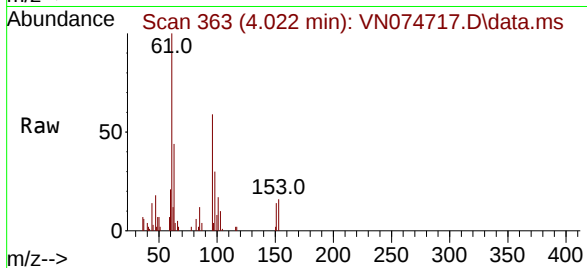
Acq: 03 Oct 2022 19:51

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW5-DUP-20220927DL



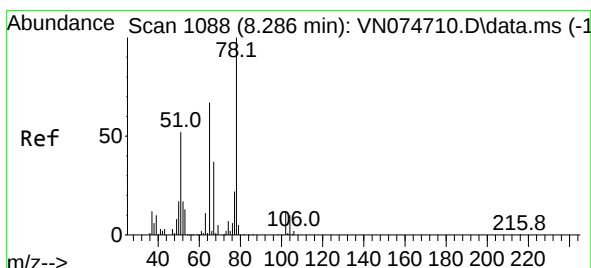
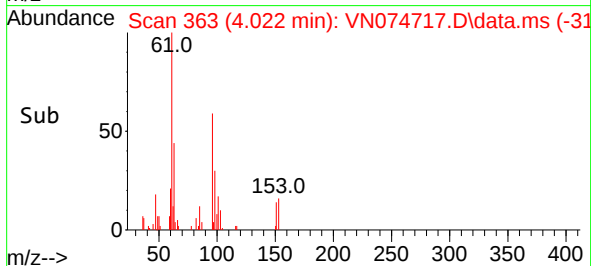
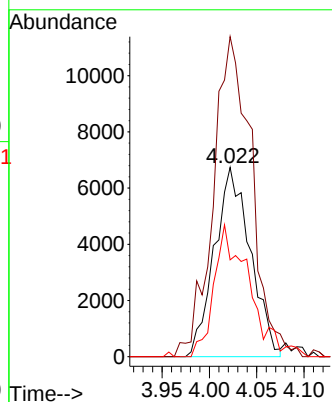
Tgt Ion: 96 Resp: 17772

Ion Ratio Lower Upper

96 100

61 161.6 127.6 191.4

98 51.2 51.2 76.8#



#33

1,2-Dichloroethane-d4

Concen: 52.946 ug/l

RT: 8.286 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN074717.D

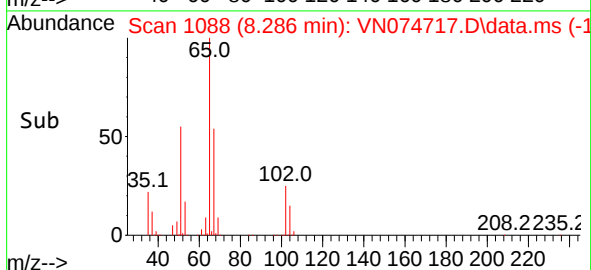
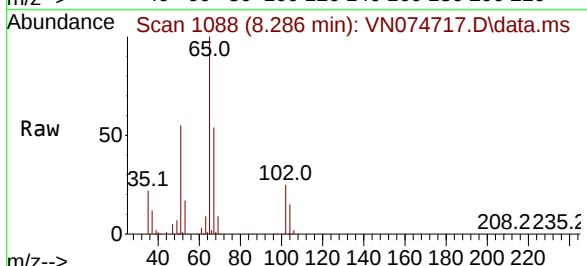
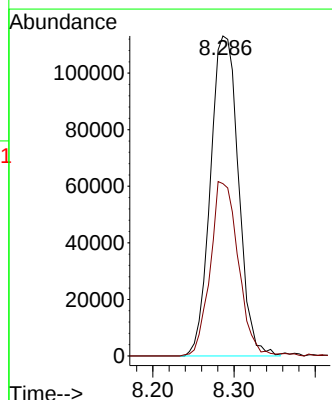
Acq: 03 Oct 2022 19:51

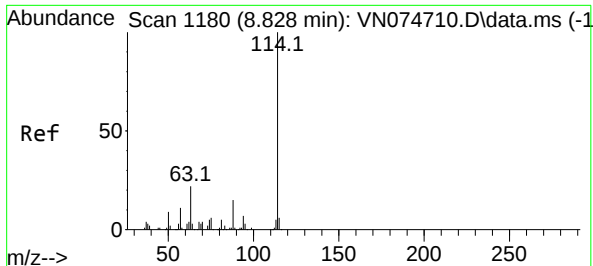
Tgt Ion: 65 Resp: 271131

Ion Ratio Lower Upper

65 100

67 54.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.827 min Scan# 1180

Delta R.T. -0.001 min

Lab File: VN074717.D

Acq: 03 Oct 2022 19:51

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW5-DUP-20220927DL

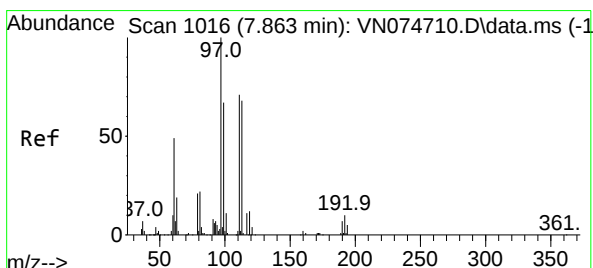
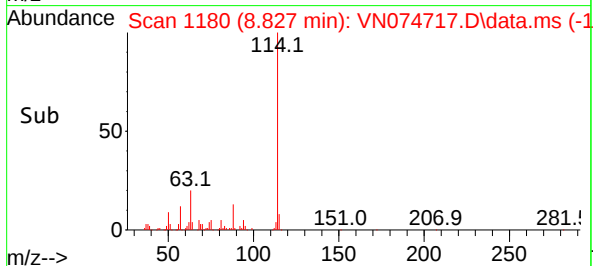
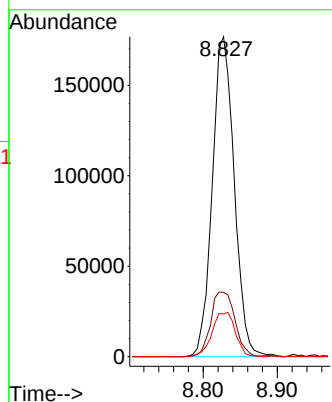
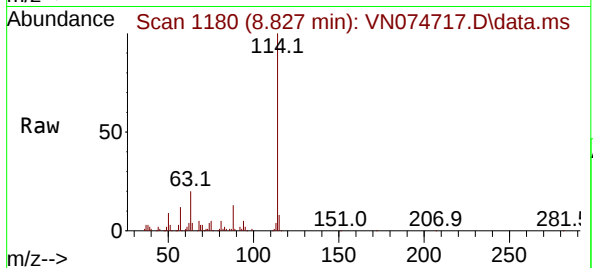
Tgt Ion:114 Resp: 363900

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

88 13.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.674 ug/l

RT: 7.863 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VN074717.D

Acq: 03 Oct 2022 19:51

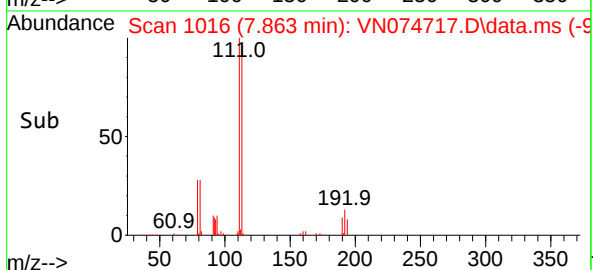
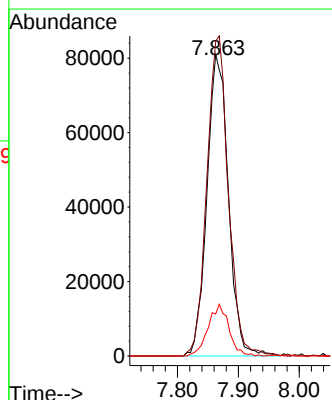
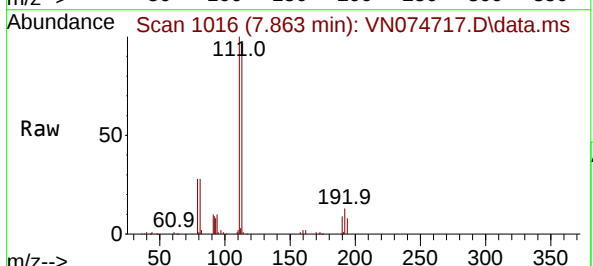
Tgt Ion:113 Resp: 198239

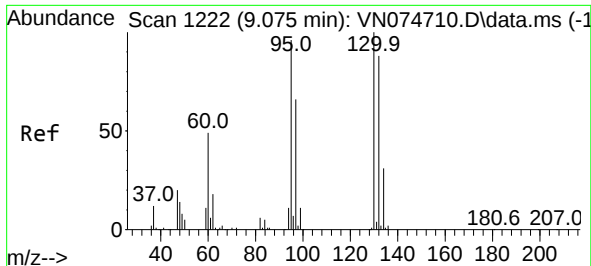
Ion Ratio Lower Upper

113 100

111 106.2 81.4 122.0

192 16.6 17.0 25.6#

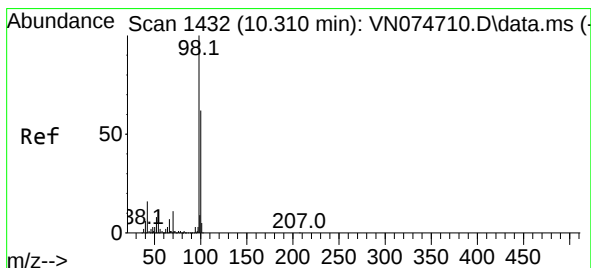
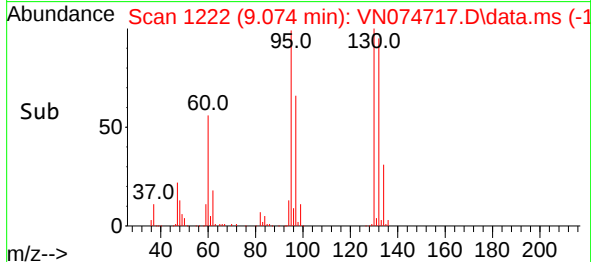
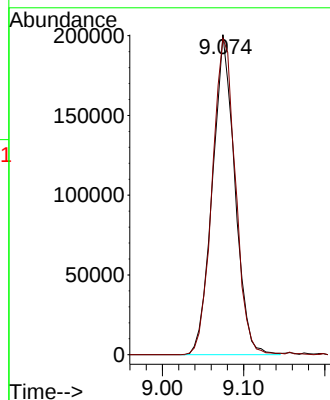
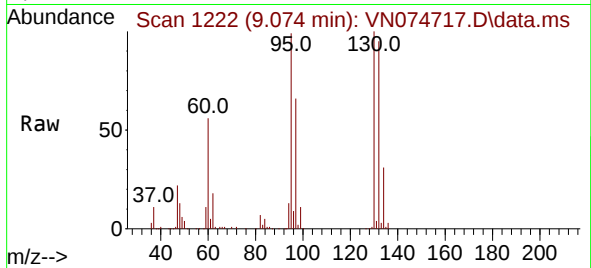




#44
Trichloroethene
Concen: 89.647 ug/l
RT: 9.074 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN074717.D
Acq: 03 Oct 2022 19:51

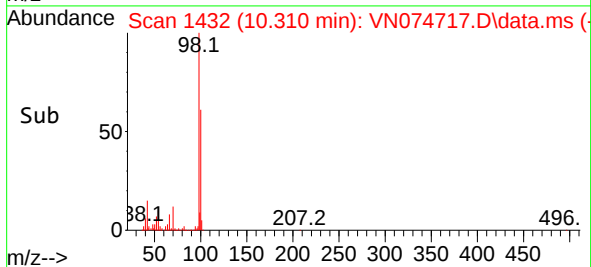
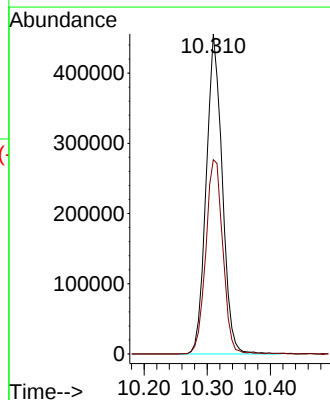
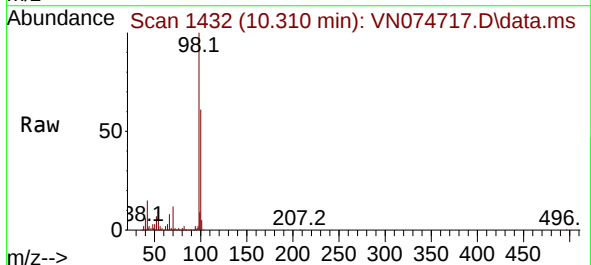
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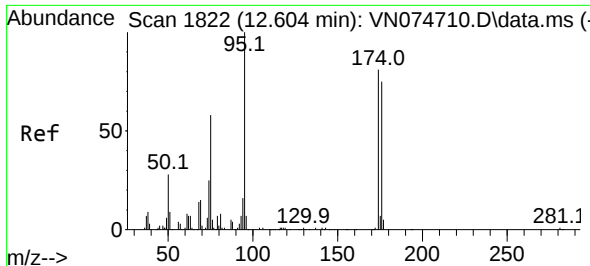
Tgt Ion:130 Resp: 384468
Ion Ratio Lower Upper
130 100
95 98.8 0.0 186.8



#50
Toluene-d8
Concen: 50.046 ug/l
RT: 10.310 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VN074717.D
Acq: 03 Oct 2022 19:51

Tgt Ion: 98 Resp: 804717
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8

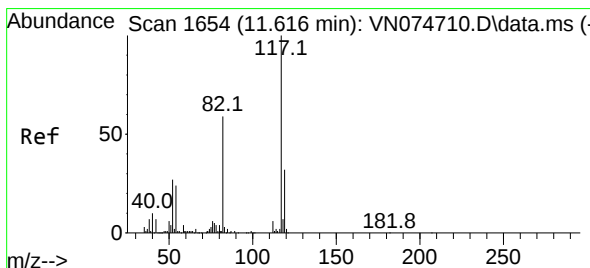
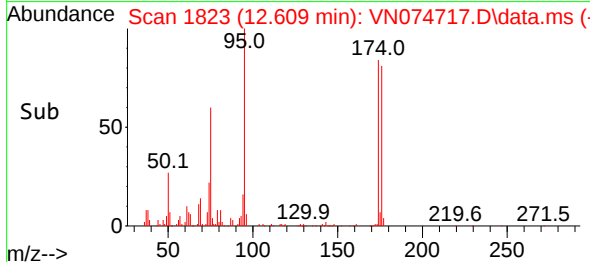
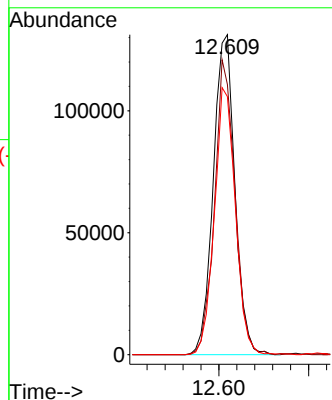
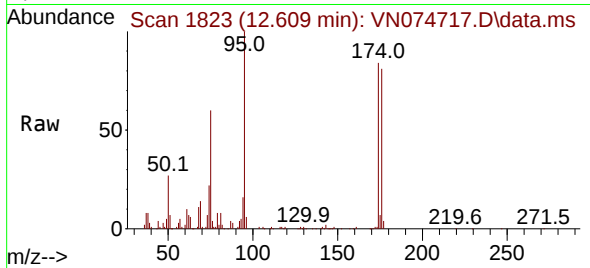




#62
4-Bromofluorobenzene
Concen: 40.712 ug/l
RT: 12.609 min Scan# 1822
Delta R.T. 0.005 min
Lab File: VN074717.D
Acq: 03 Oct 2022 19:51

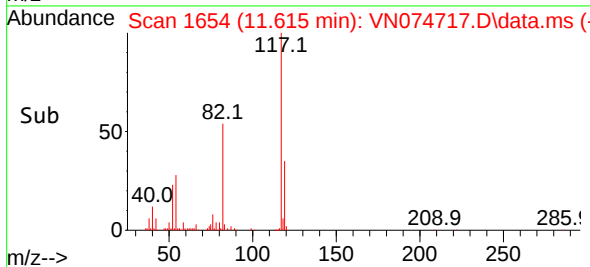
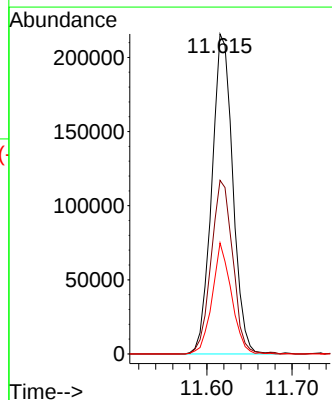
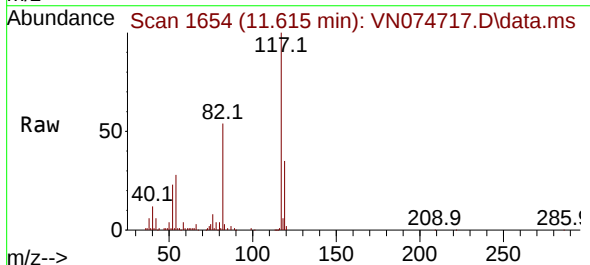
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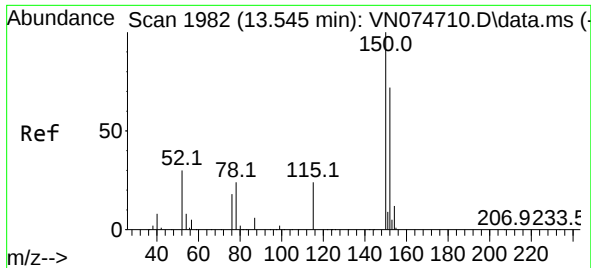
Tgt Ion:	95	Resp:	219035
Ion Ratio	Lower	Upper	
95	100		
174	87.2	0.0	167.6
176	81.4	0.0	163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.615 min Scan# 1654
Delta R.T. -0.001 min
Lab File: VN074717.D
Acq: 03 Oct 2022 19:51

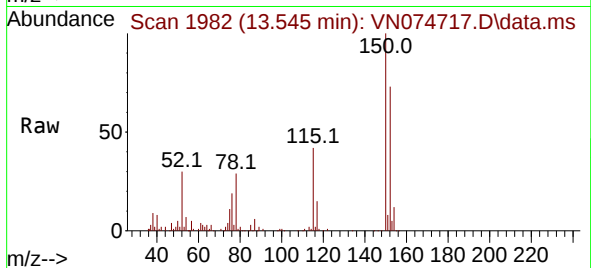
Tgt Ion:	117	Resp:	369232
Ion Ratio	Lower	Upper	
117	100		
82	54.2	44.2	66.2
119	34.7	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.545 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: VN074717.D
 Acq: 03 Oct 2022 19:51

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:152 Resp: 177088
 Ion Ratio Lower Upper
 152 100
 115 58.2 28.9 86.7
 150 158.5 0.0 356.2

