

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011823\
 Data File : VN076298.D
 Acq On : 18 Jan 2023 16:42
 Operator : JC\MD
 Sample : 01190-02
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PE-1D

Quant Time: Jan 19 00:51:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

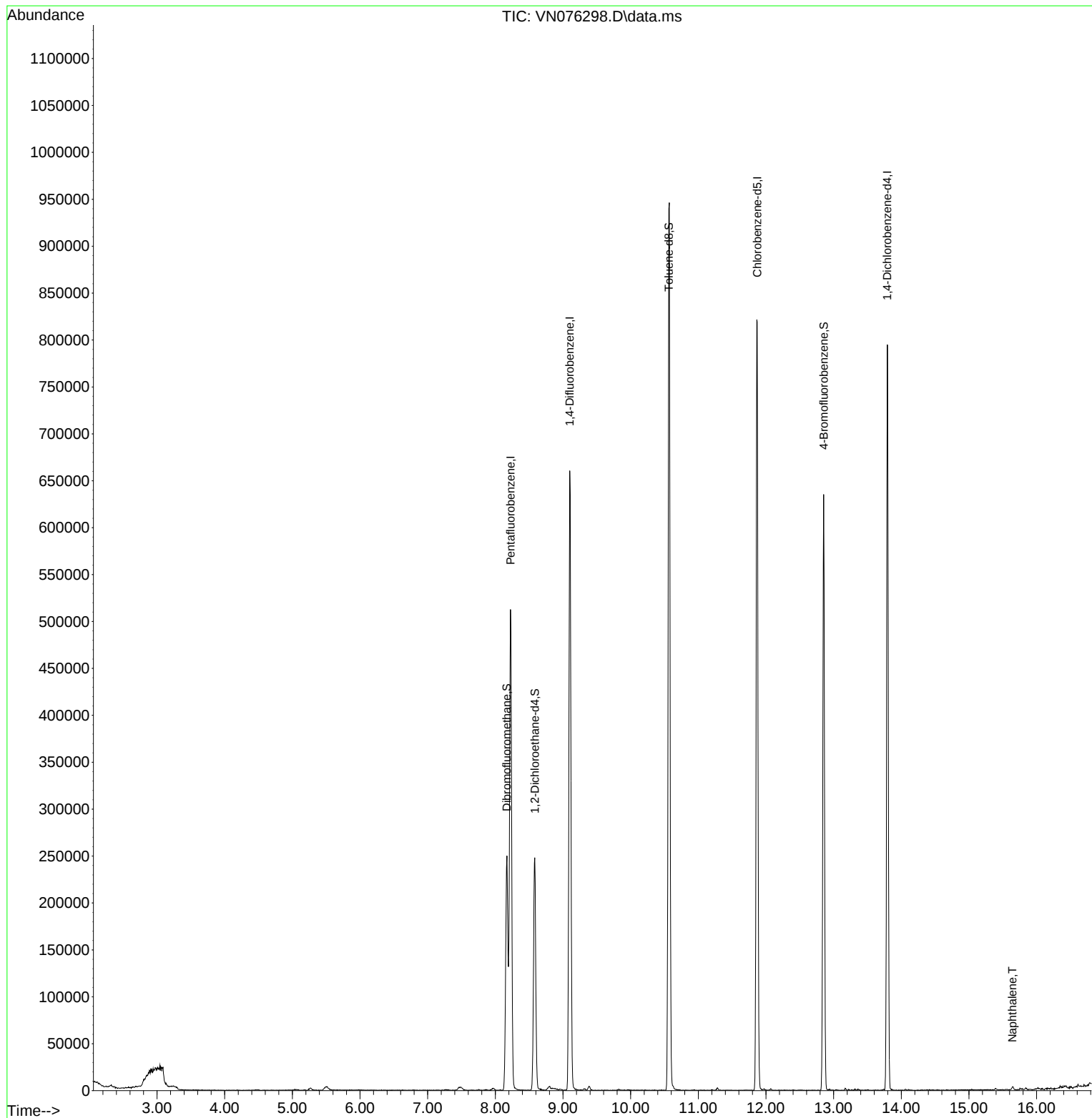
Internal Standards						
1) Pentafluorobenzene	8.224	168	394740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	614348	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	512623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	223140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	202542	45.826	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.660%
35) Dibromofluoromethane	8.171	113	175097	45.563	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.120%
50) Toluene-d8	10.565	98	691712	48.737	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.480%
62) 4-Bromofluorobenzene	12.853	95	210683	45.472	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.940%
Target Compounds						
					Qvalue	
95) Naphthalene	15.641	128	3892	2.162	ug/l #	95

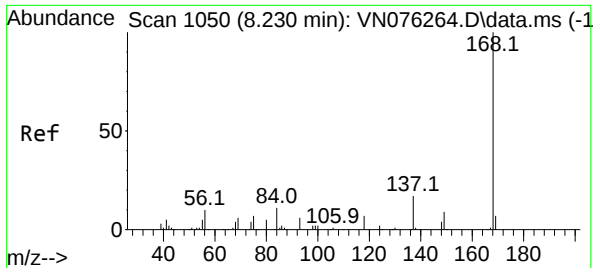
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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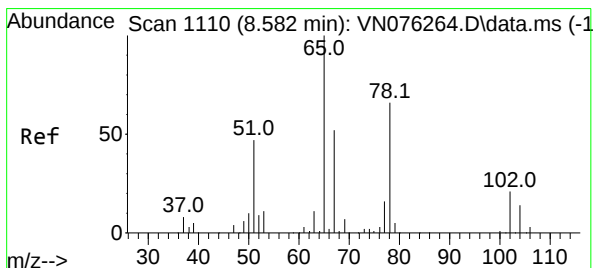
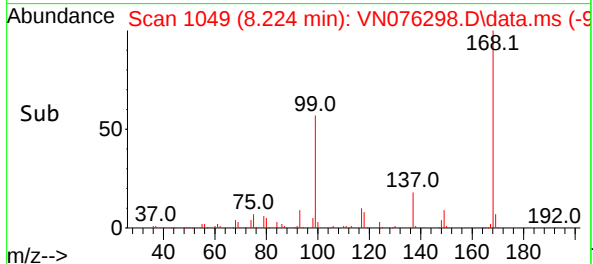
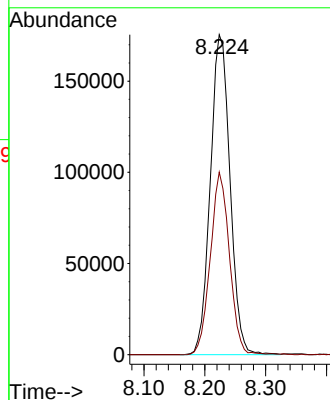
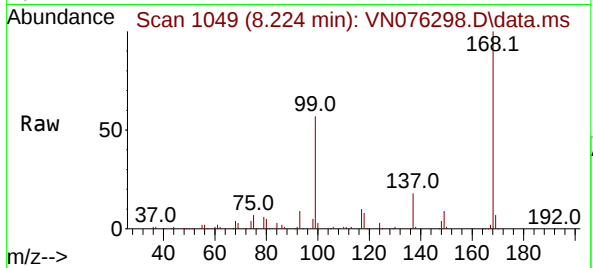




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VN076298.D
Acq: 18 Jan 2023 16:42

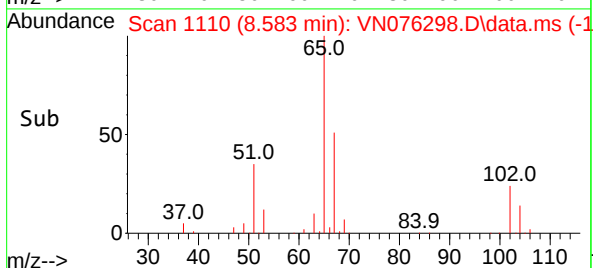
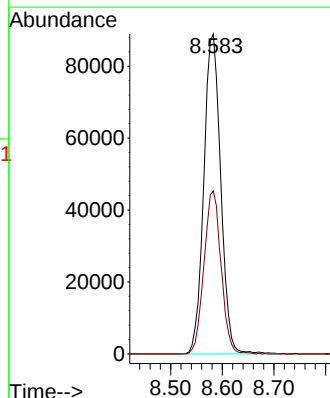
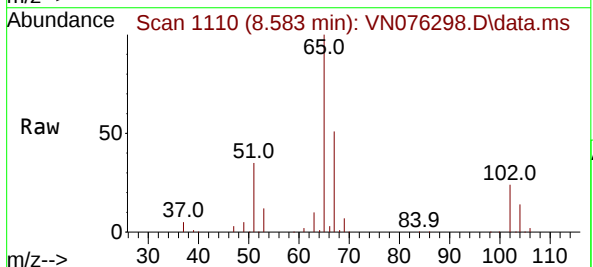
Instrument :
MSVOA_N
ClientSampleId :
PE-1D

Tgt Ion:168 Resp: 394740
Ion Ratio Lower Upper
168 100
99 57.1 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 45.826 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.001 min
Lab File: VN076298.D
Acq: 18 Jan 2023 16:42

Tgt Ion: 65 Resp: 202542
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN076298.D

Acq: 18 Jan 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

PE-1D

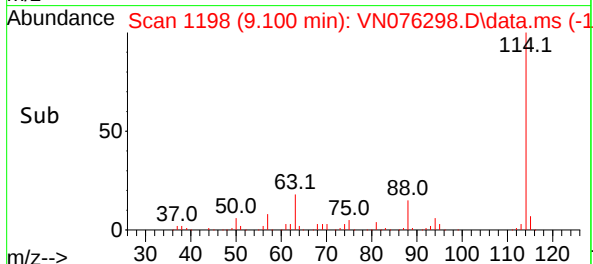
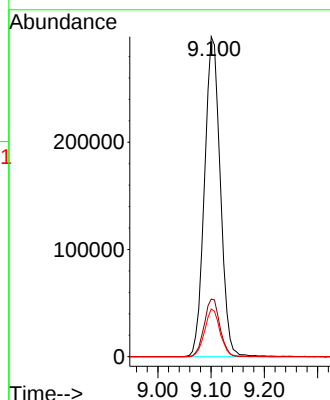
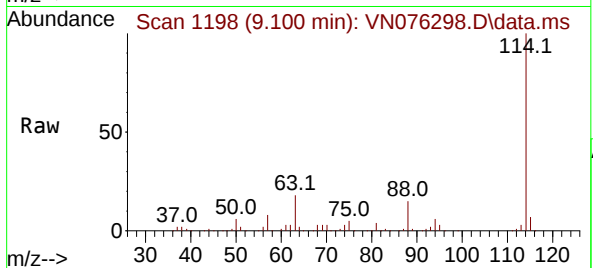
Tgt Ion:114 Resp: 614348

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.8

88 14.9 0.0 28.0



#35

Dibromofluoromethane

Concen: 45.563 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076298.D

Acq: 18 Jan 2023 16:42

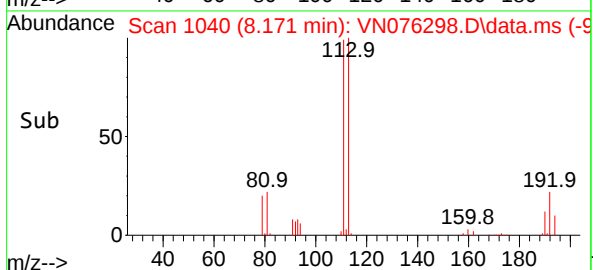
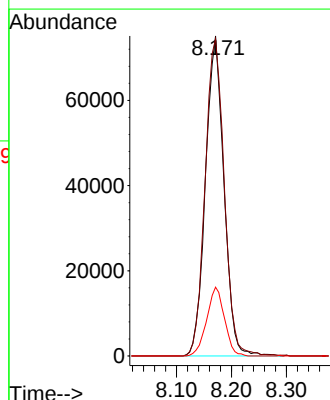
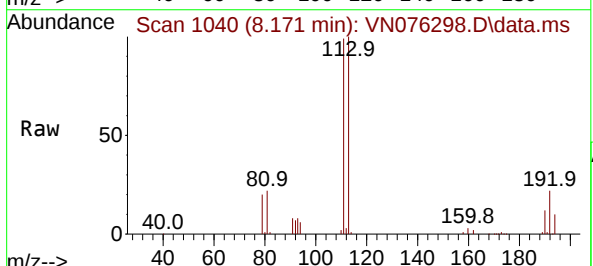
Tgt Ion:113 Resp: 175097

Ion Ratio Lower Upper

113 100

111 103.2 82.7 124.1

192 20.7 15.6 23.4

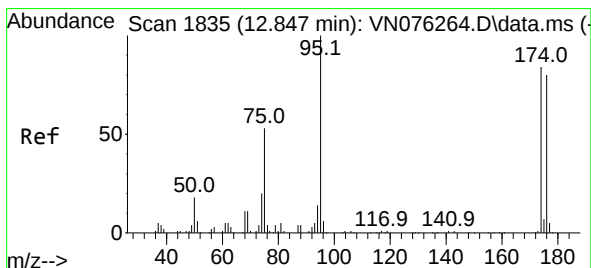
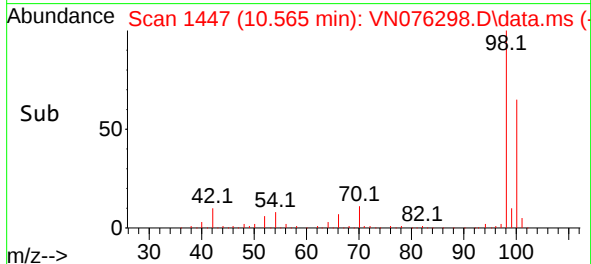
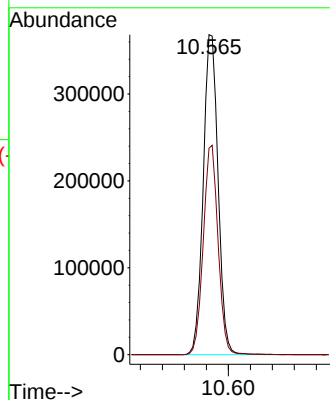
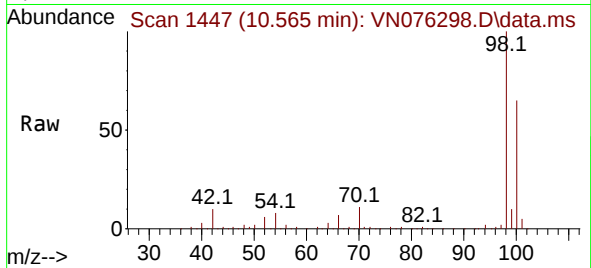




#50
Toluene-d8
Concen: 48.737 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN076298.D
Acq: 18 Jan 2023 16:42

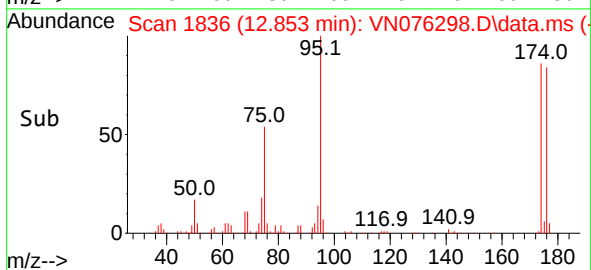
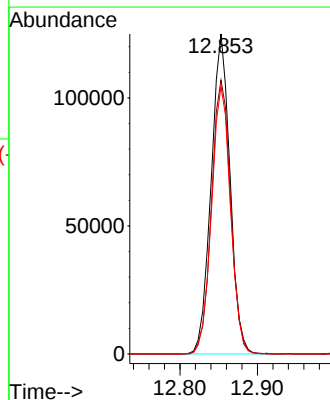
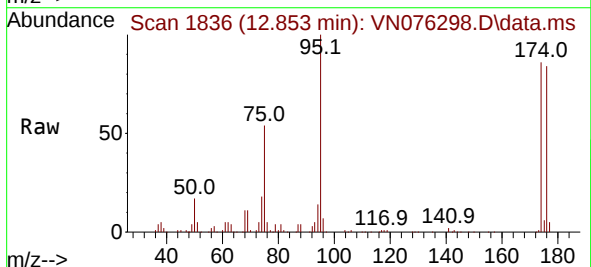
Instrument :
MSVOA_N
ClientSampleId :
PE-1D

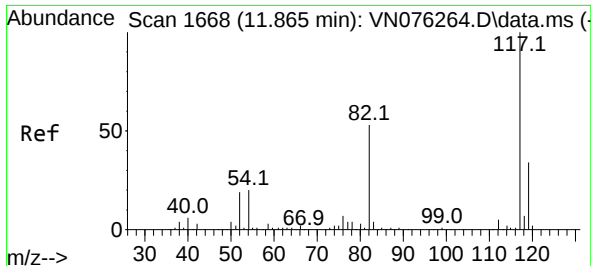
Tgt Ion: 98 Resp: 691712
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.472 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076298.D
Acq: 18 Jan 2023 16:42

Tgt Ion: 95 Resp: 210683
Ion Ratio Lower Upper
95 100
174 87.3 0.0 174.6
176 84.1 0.0 167.8

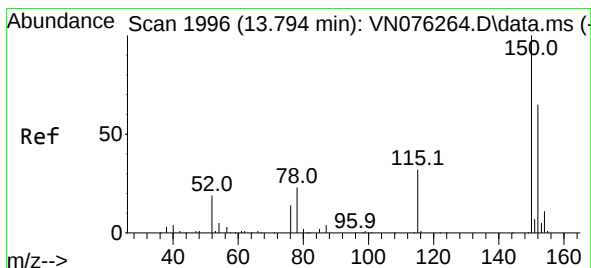
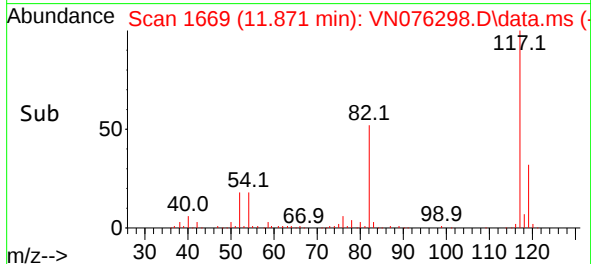
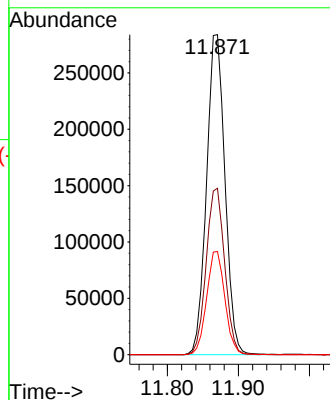
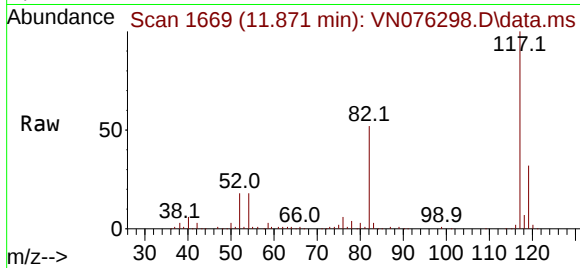




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076298.D
Acq: 18 Jan 2023 16:42

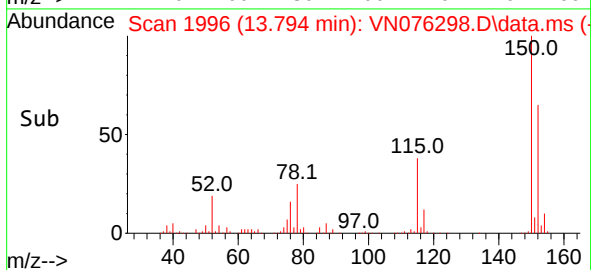
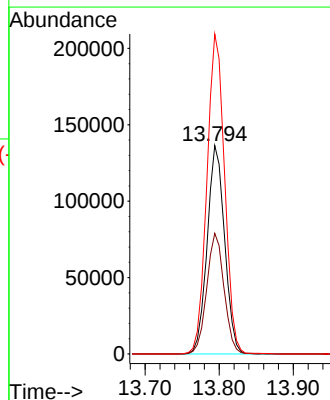
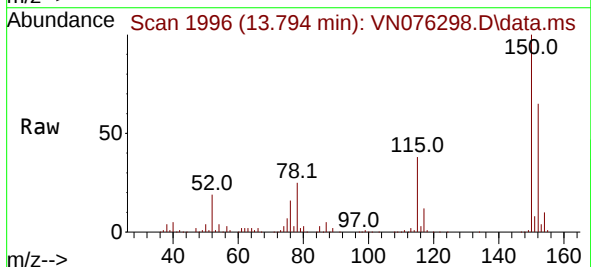
Instrument :
MSVOA_N
ClientSampleId :
PE-1D

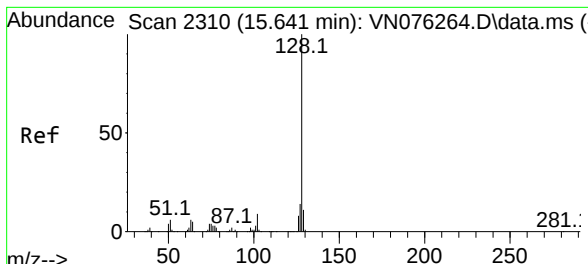
Tgt Ion:117 Resp: 512623
Ion Ratio Lower Upper
117 100
82 52.0 42.2 63.2
119 32.3 26.9 40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076298.D
Acq: 18 Jan 2023 16:42

Tgt Ion:152 Resp: 223140
Ion Ratio Lower Upper
152 100
115 57.4 29.6 88.9
150 155.4 0.0 351.4





#95
 Naphthalene
 Concen: 2.162 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN076298.D
 Acq: 18 Jan 2023 16:42

Instrument :
 MSVOA_N
 ClientSampleId :
 PE-1D

Tgt Ion:	128	Resp:	3892
Ion	Ratio	Lower	Upper
128	100		
127	9.1	10.3	15.5#
129	11.0	8.6	13.0

