

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071522\
 Data File : VN073480.D
 Acq On : 15 Jul 2022 12:53
 Operator : JC\MD
 Sample : N3697-01 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PIPELINE-PIGGING-TK2045L

Quant Time: Jul 16 04:12:57 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	8.010	168	255795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	441452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	420115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	198887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	170251	46.105	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.200%
35) Dibromofluoromethane	7.951	113	115022	39.162	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	78.320%
50) Toluene-d8	10.380	98	472448	45.291	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.580%
62) 4-Bromofluorobenzene	12.674	95	205421	51.243	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.480%

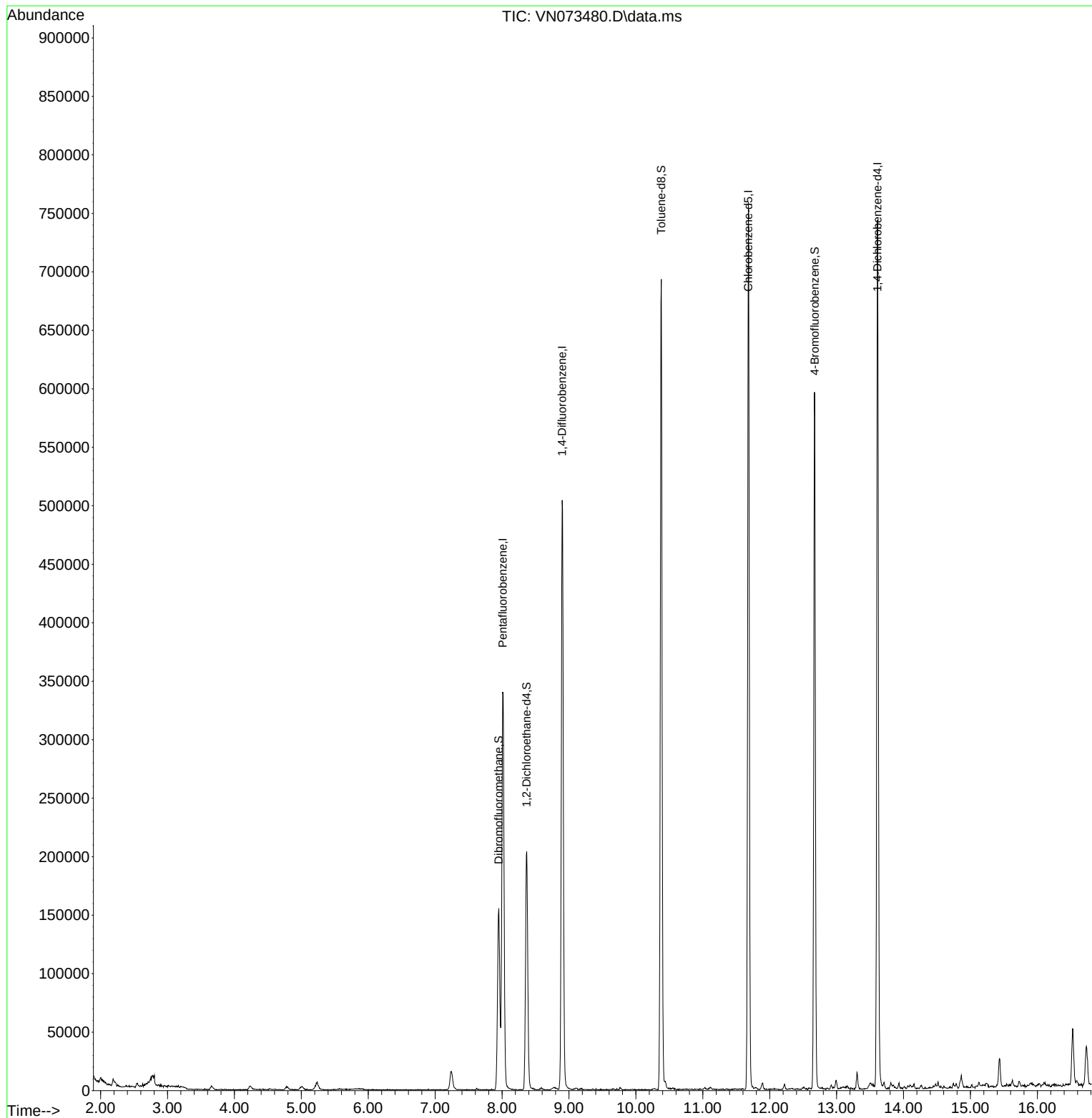
Target Compounds	Qvalue

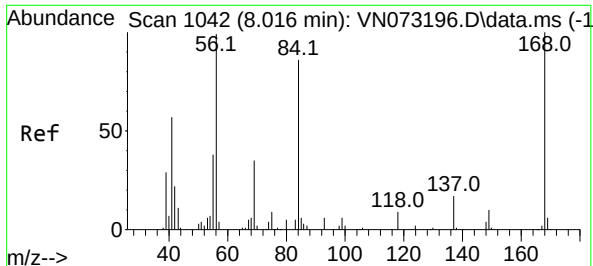
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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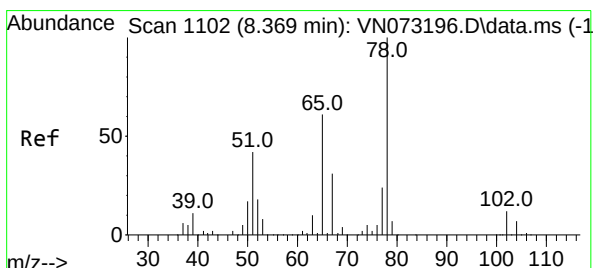
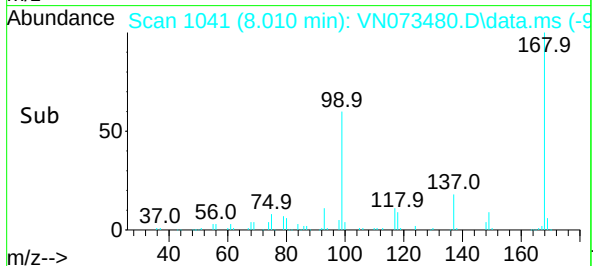
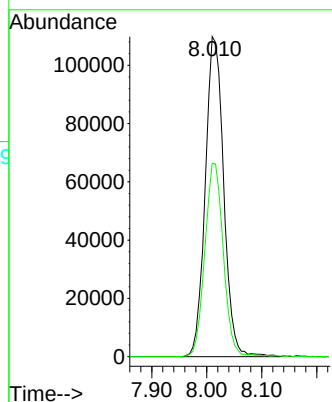
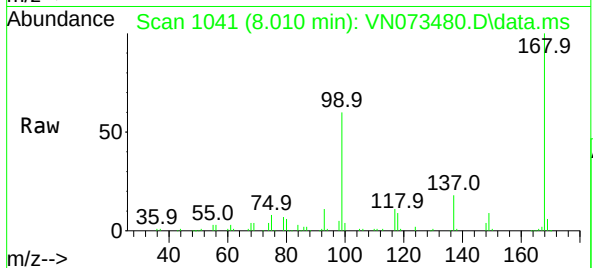




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073480.D
Acq: 15 Jul 2022 12:53

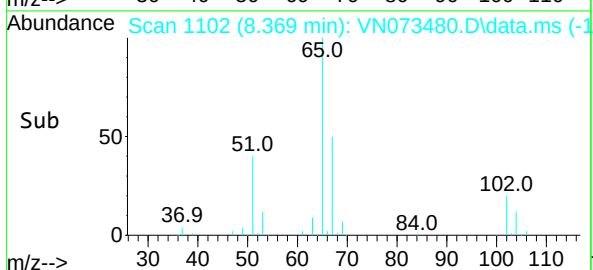
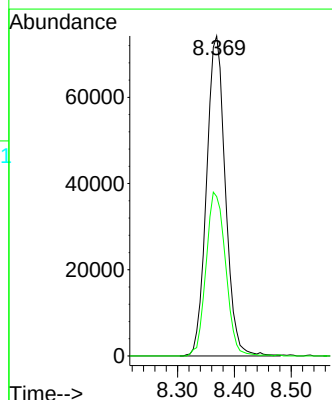
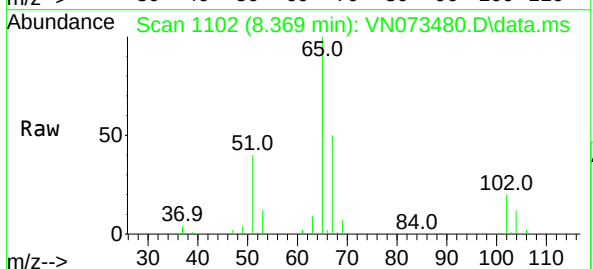
Instrument :
MSVOA_N
ClientSampleId :
PIPELINE-PIGGING-TK2045L

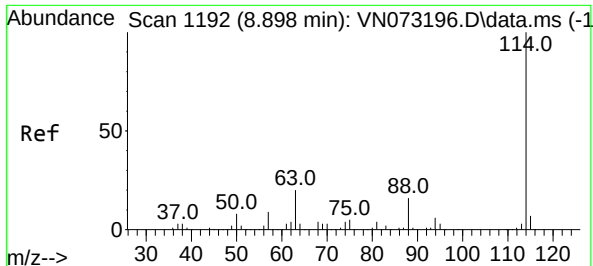
Tgt Ion:168 Resp: 255795
Ion Ratio Lower Upper
168 100
99 60.5 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 46.105 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073480.D
Acq: 15 Jul 2022 12:53

Tgt Ion: 65 Resp: 170251
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073480.D

Acq: 15 Jul 2022 12:53

Instrument :

MSVOA_N

ClientSampleId :

PIPELINE-PIGGING-TK2045L

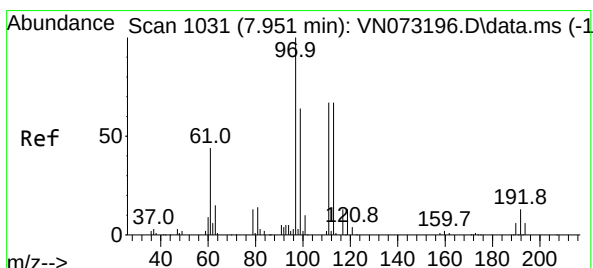
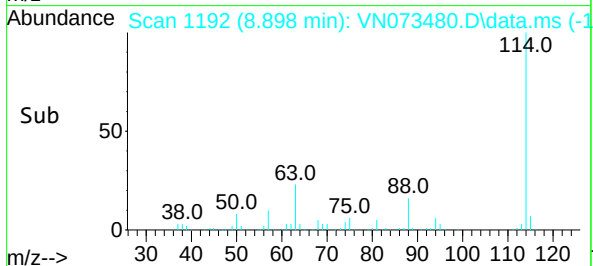
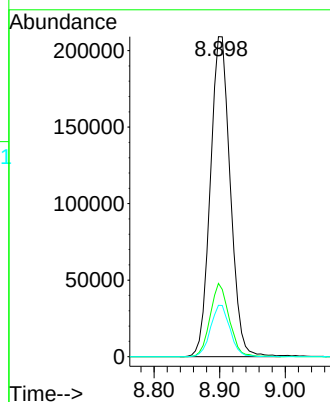
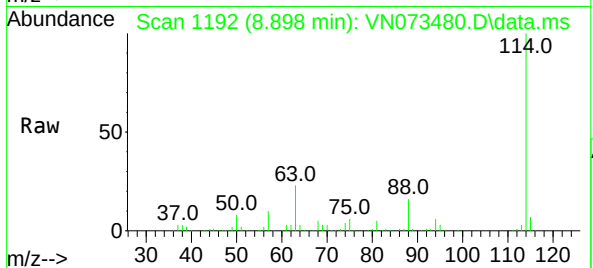
Tgt Ion:114 Resp: 441452

Ion Ratio Lower Upper

114 100

63 22.9 0.0 40.0

88 16.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 39.162 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073480.D

Acq: 15 Jul 2022 12:53

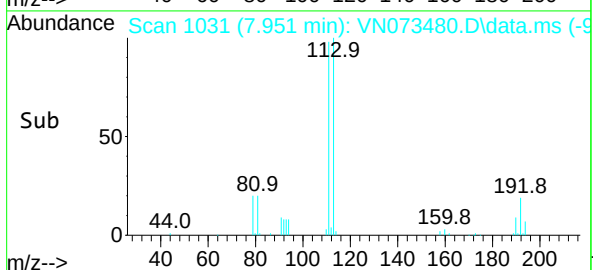
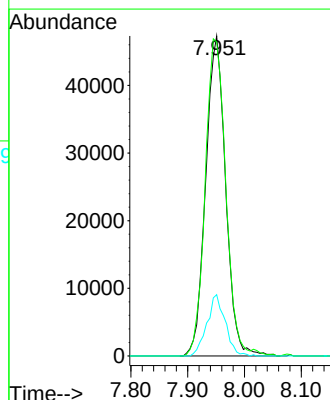
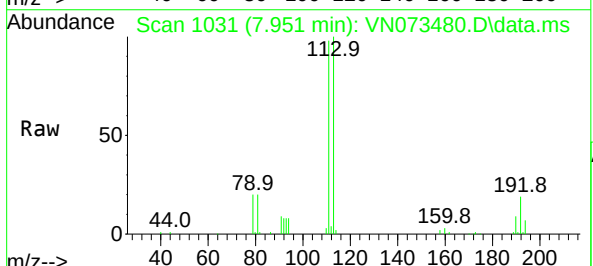
Tgt Ion:113 Resp: 115022

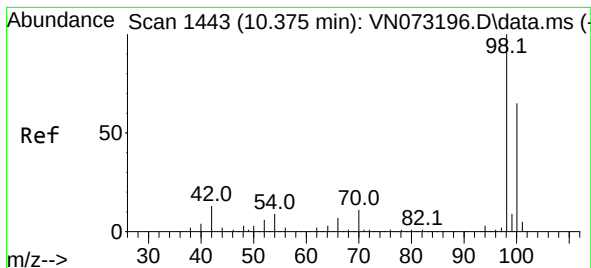
Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 17.6 17.0 25.6

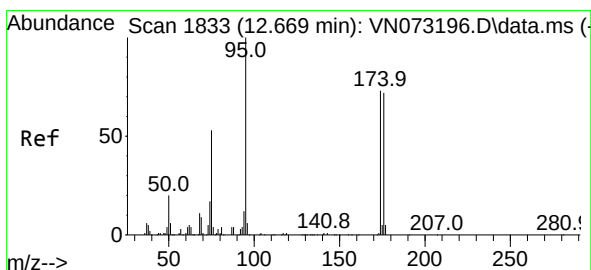
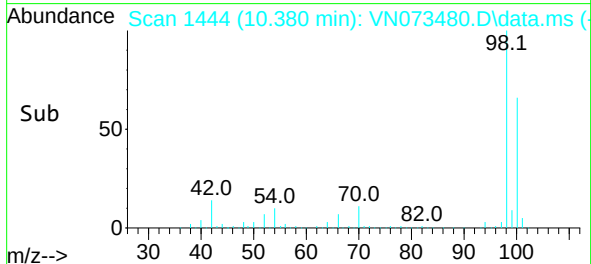
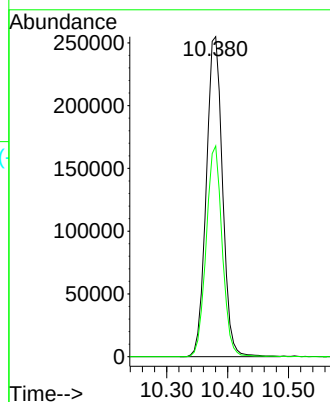
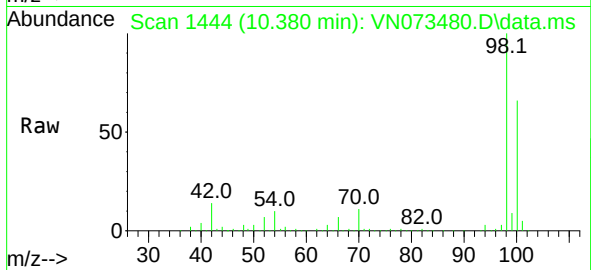




#50
Toluene-d8
Concen: 45.291 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073480.D
Acq: 15 Jul 2022 12:53

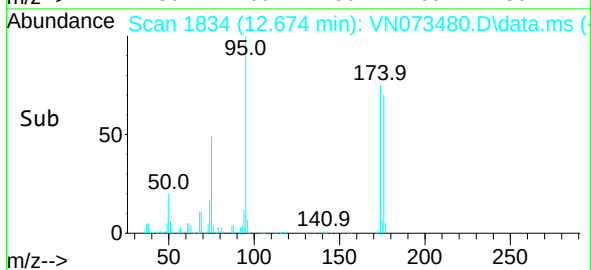
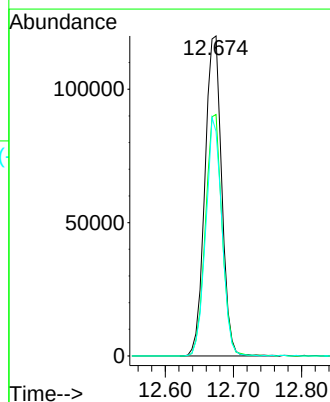
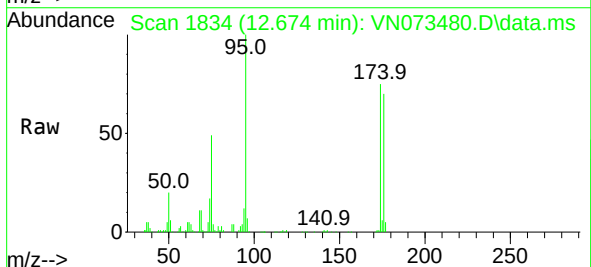
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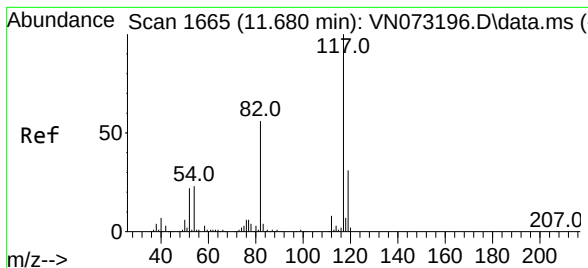
Tgt Ion: 98 Resp: 472448
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.243 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073480.D
Acq: 15 Jul 2022 12:53

Tgt Ion: 95 Resp: 205421
Ion Ratio Lower Upper
95 100
174 74.8 0.0 167.6
176 71.4 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073480.D

Acq: 15 Jul 2022 12:53

Instrument :

MSVOA_N

ClientSampleId :

PIPELINE-PIGGING-TK2045L

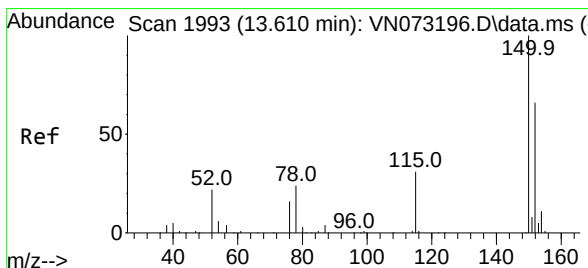
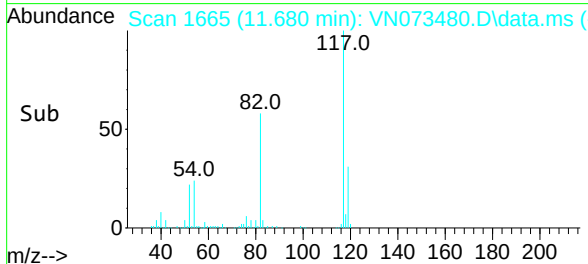
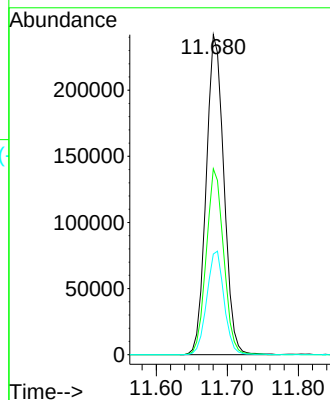
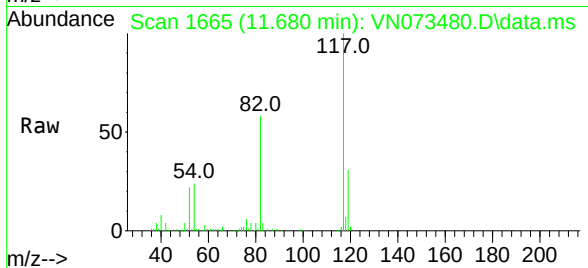
Tgt Ion:117 Resp: 420115

Ion Ratio Lower Upper

117 100

82 58.1 44.2 66.2

119 31.4 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN073480.D

Acq: 15 Jul 2022 12:53

Tgt Ion:152 Resp: 198887

Ion Ratio Lower Upper

152 100

115 61.0 28.9 86.7

150 155.5 0.0 356.2

