

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071422\
 Data File : VN073469.D
 Acq On : 14 Jul 2022 18:42
 Operator : JC\MD
 Sample : N3697-01 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PIPELINE-PIGGING-TK2045L

Quant Time: Jul 15 02:03:12 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	249769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	440158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	396947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	188359	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	169837	47.102	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.200%
35) Dibromofluoromethane	7.951	113	140751	48.064	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.120%
50) Toluene-d8	10.380	98	455486	43.793	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	87.580%
62) 4-Bromofluorobenzene	12.674	95	197051	49.300	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.600%

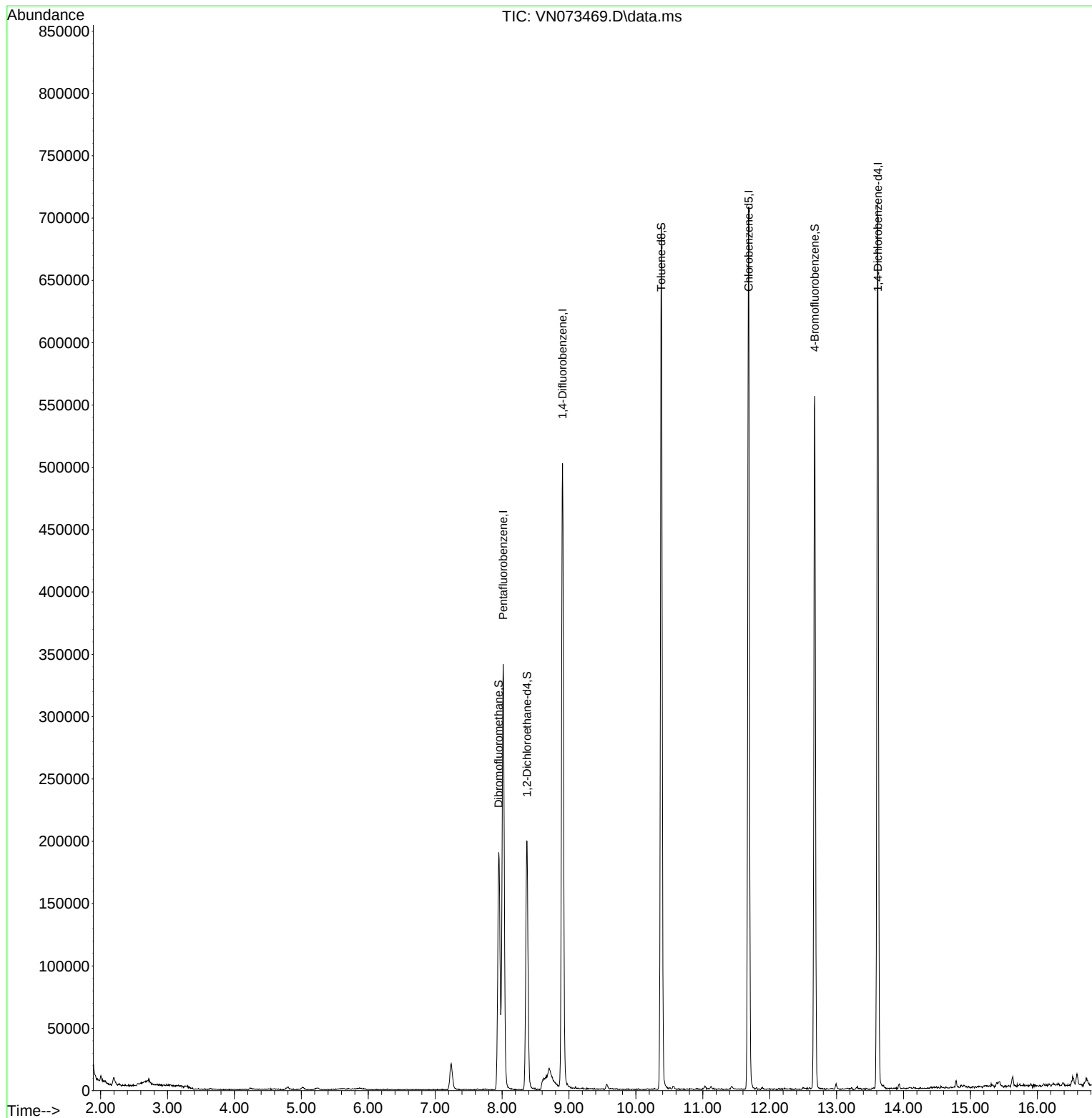
Target Compounds	Qvalue

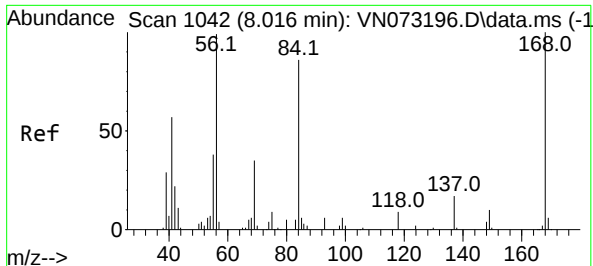
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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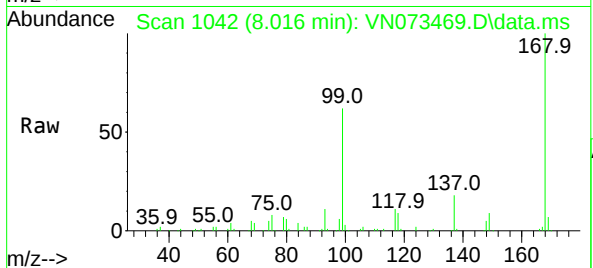
Quant Time: Jul 15 02:03:12 2022
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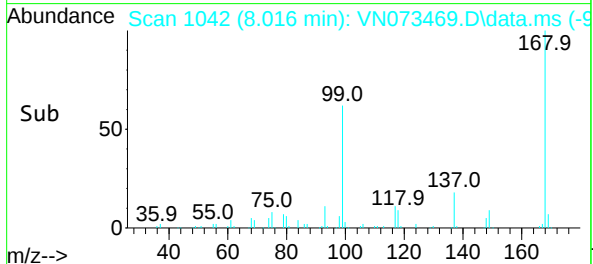
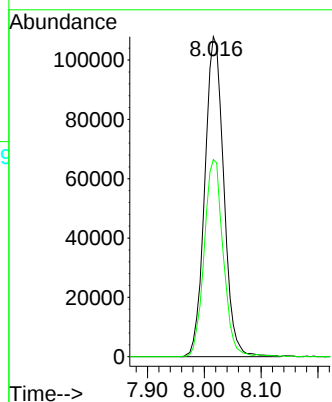


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073469.D
Acq: 14 Jul 2022 18:42

Instrument :
MSVOA_N
ClientSampleId :
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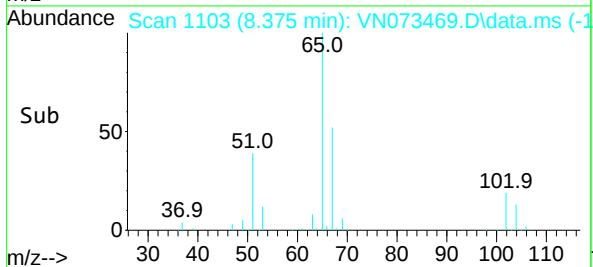
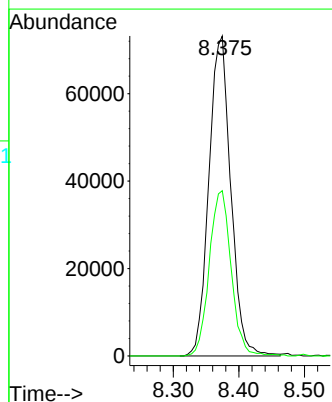
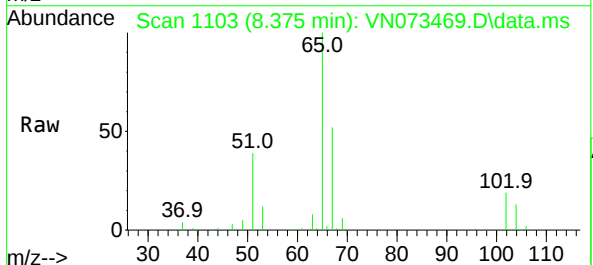


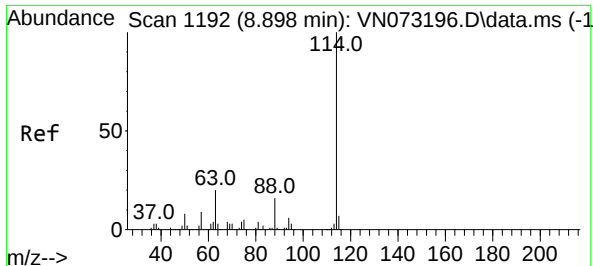
Tgt Ion:168 Resp: 249769
Ion Ratio Lower Upper
168 100
99 61.6 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 47.102 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073469.D
Acq: 14 Jul 2022 18:42

Tgt Ion: 65 Resp: 169837
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073469.D

Acq: 14 Jul 2022 18:42

Instrument :

MSVOA_N

ClientSampleId :

PIPELINE-PIGGING-TK2045L

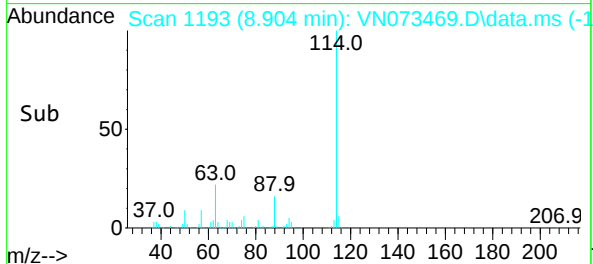
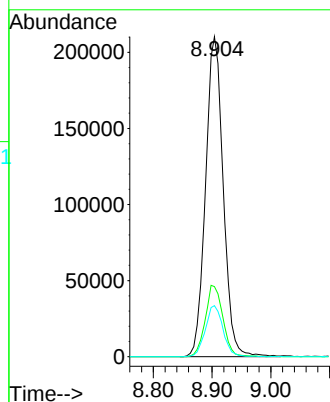
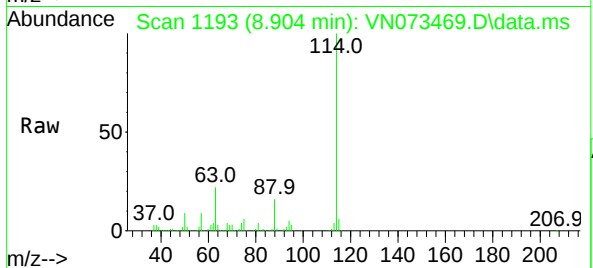
Tgt Ion:114 Resp: 440158

Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.0

88 15.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.064 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073469.D

Acq: 14 Jul 2022 18:42

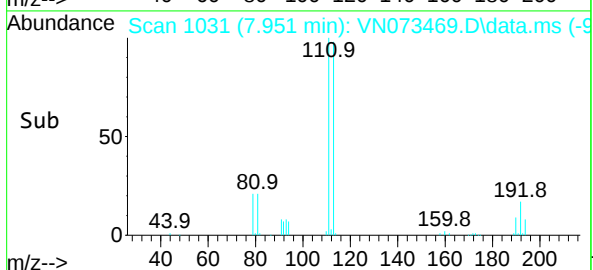
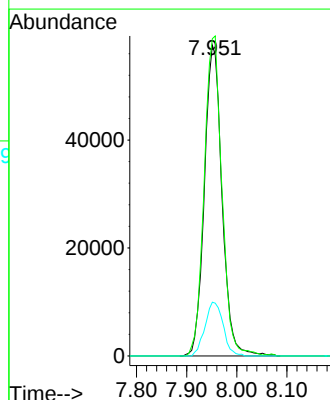
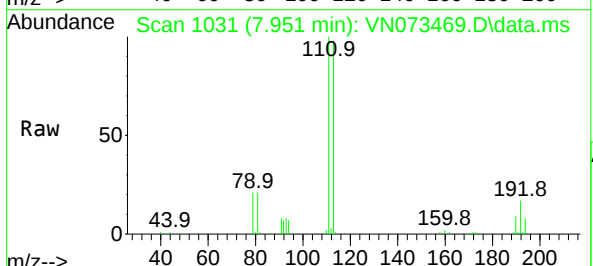
Tgt Ion:113 Resp: 140751

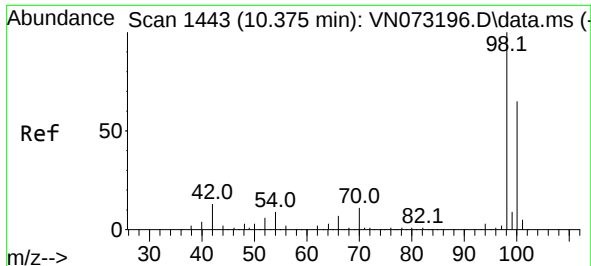
Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 17.9 17.0 25.6

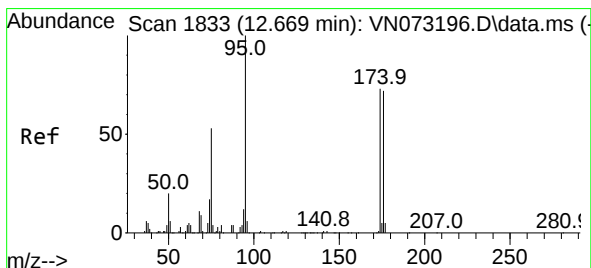
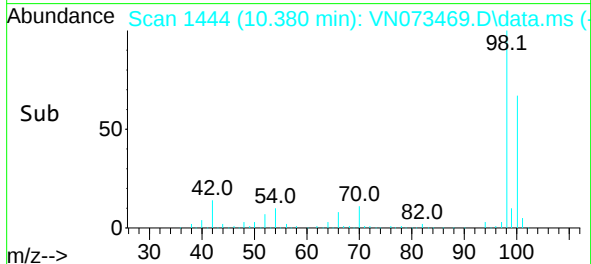
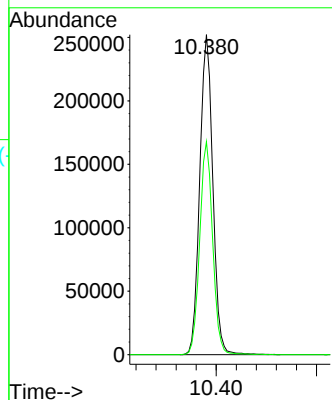
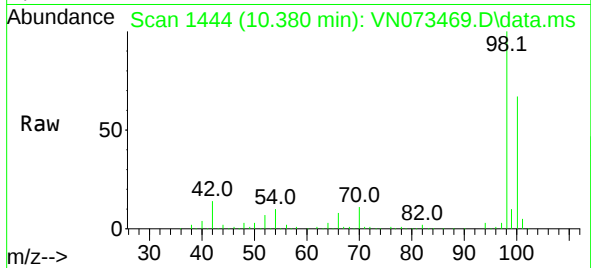




#50
Toluene-d8
Concen: 43.793 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073469.D
Acq: 14 Jul 2022 18:42

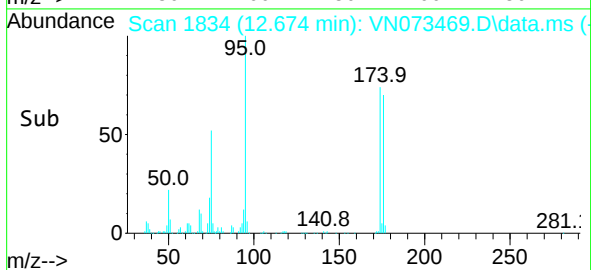
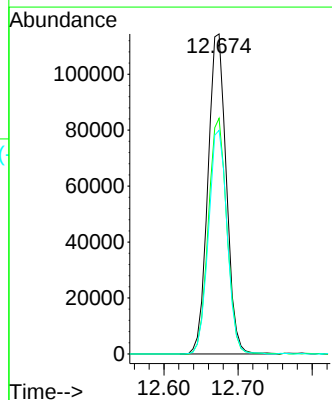
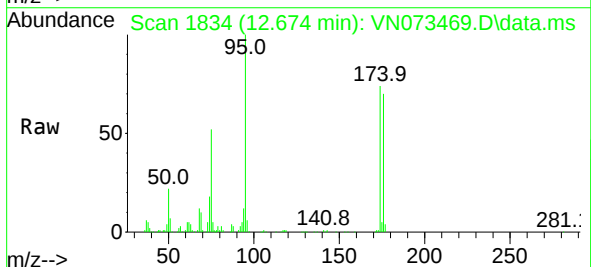
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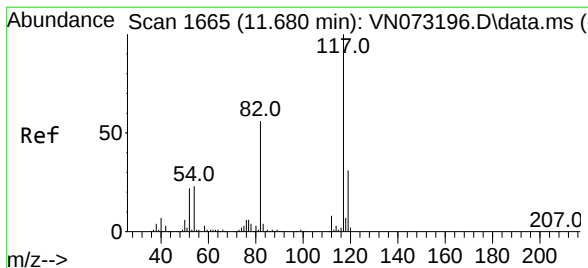
Tgt Ion: 98 Resp: 455486
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.300 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073469.D
Acq: 14 Jul 2022 18:42

Tgt Ion: 95 Resp: 197051
Ion Ratio Lower Upper
95 100
174 73.9 0.0 167.6
176 70.5 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073469.D

Acq: 14 Jul 2022 18:42

Instrument :

MSVOA_N

ClientSampleId :

PIPELINE-PIGGING-TK2045L

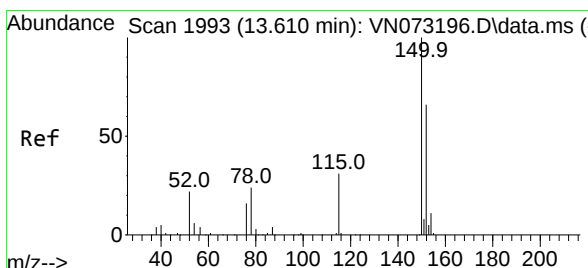
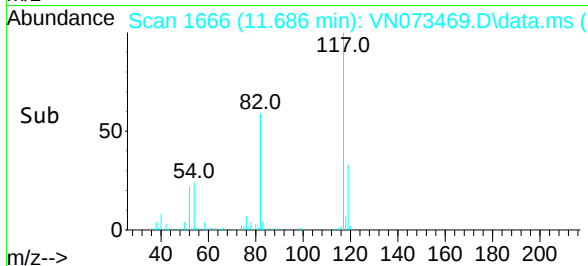
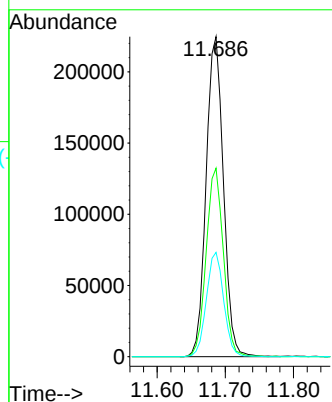
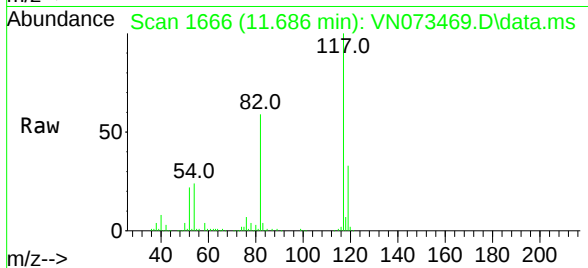
Tgt Ion:117 Resp: 396947

Ion Ratio Lower Upper

117 100

82 58.9 44.2 66.2

119 32.6 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: VN073469.D

Acq: 14 Jul 2022 18:42

Tgt Ion:152 Resp: 188359

Ion Ratio Lower Upper

152 100

115 59.6 28.9 86.7

150 156.8 0.0 356.2

