

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
 Data File : VY013374.D
 Acq On : 20 Apr 2023 17:34
 Operator : KP/MD
 Sample : 02393-01RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-229RE

Quant Time: Apr 21 02:15:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	15339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	18198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	11124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	2302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	2383	12.927	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	25.860%#
35) Dibromofluoromethane	7.728	113	3014	25.583	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	51.160%#
50) Toluene-d8	10.179	98	17106	39.009	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.020%
62) 4-Bromofluorobenzene	12.477	95	2168	15.216	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	30.440%

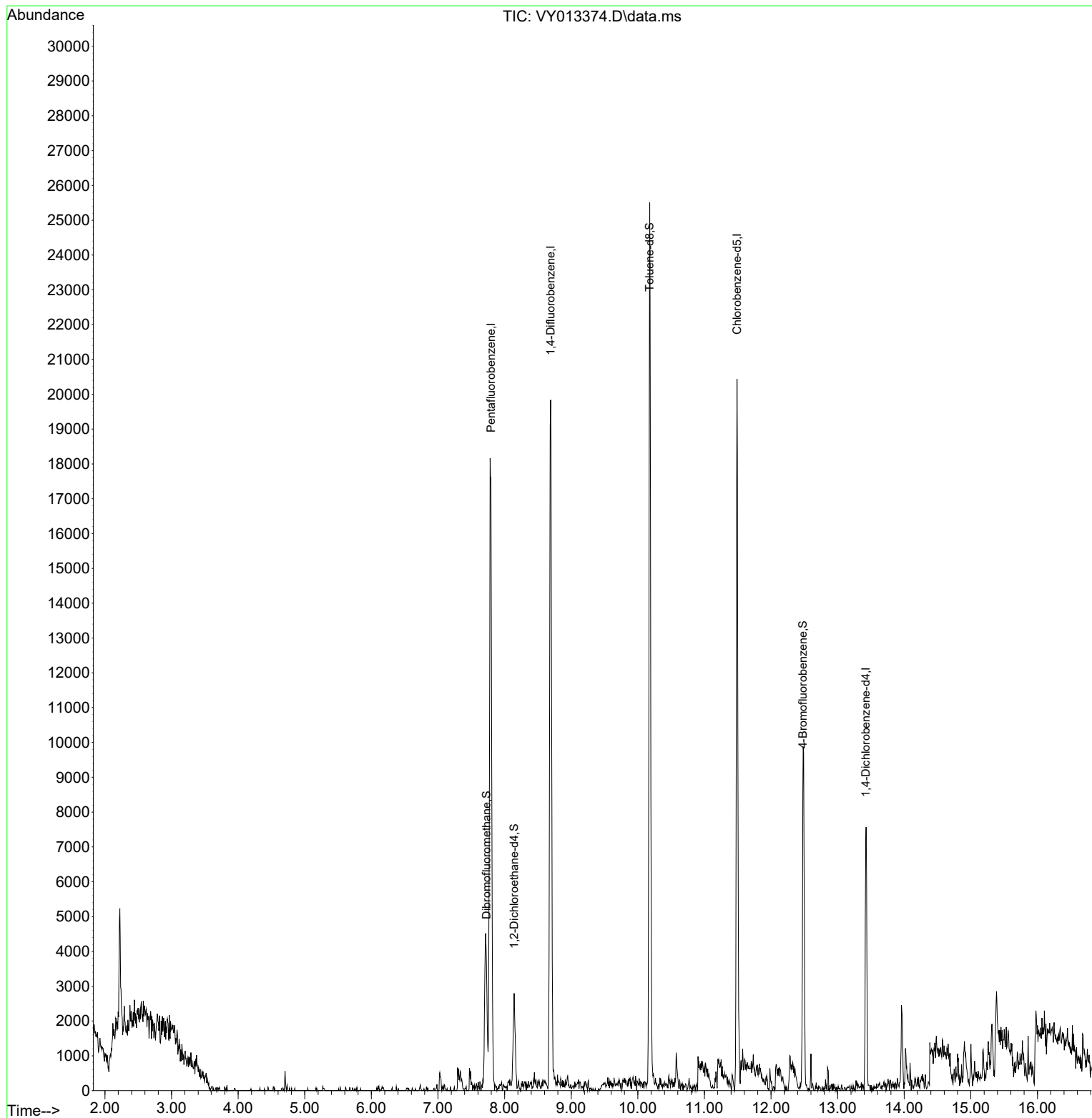
Target Compounds	Qvalue

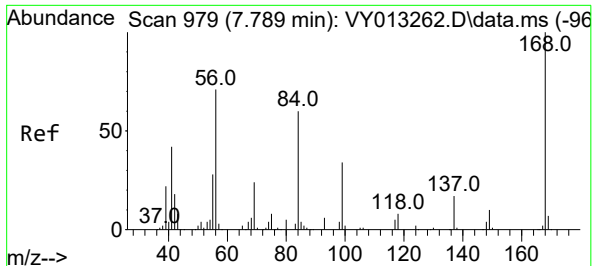
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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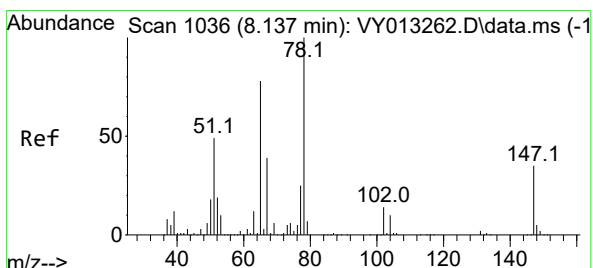
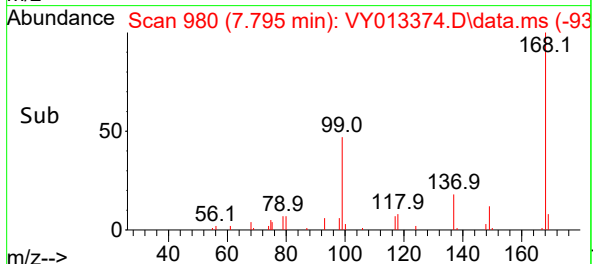
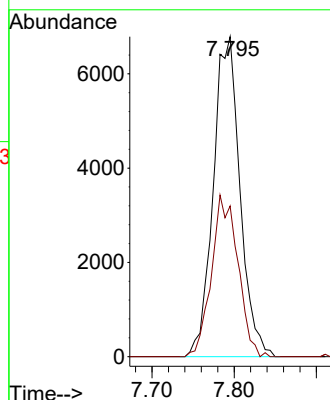
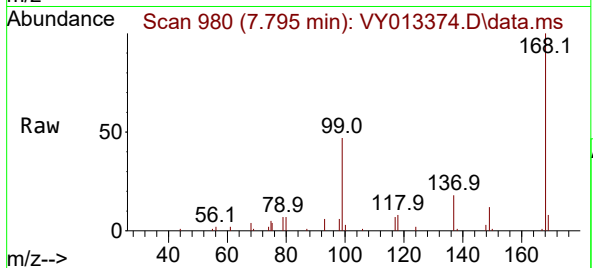




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013374.D
Acq: 20 Apr 2023 17:34

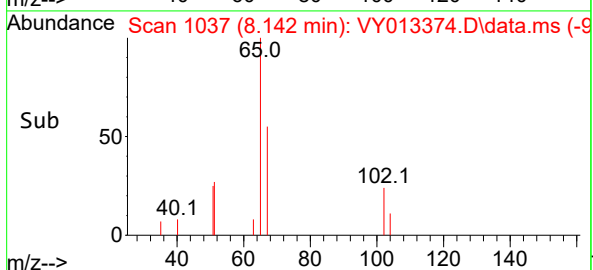
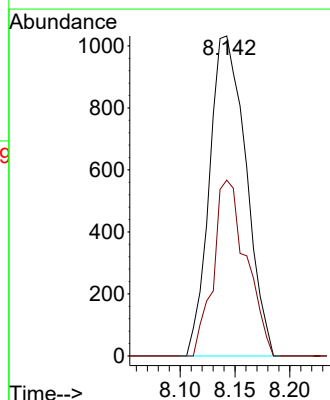
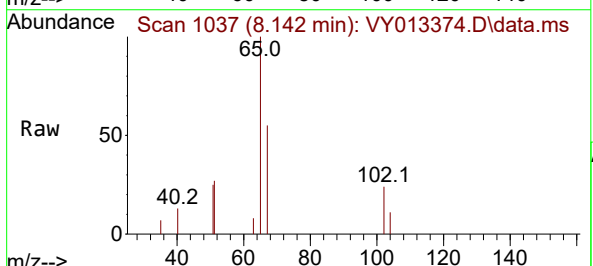
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-229RE

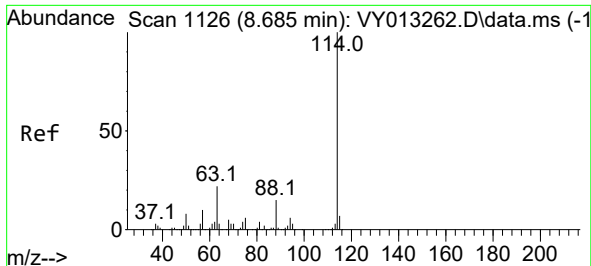
Tgt Ion:168 Resp: 15339
Ion Ratio Lower Upper
168 100
99 47.1 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 12.927 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013374.D
Acq: 20 Apr 2023 17:34

Tgt Ion: 65 Resp: 2383
Ion Ratio Lower Upper
65 100
67 49.8 0.0 104.0

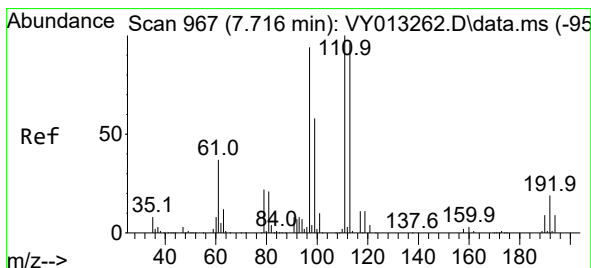
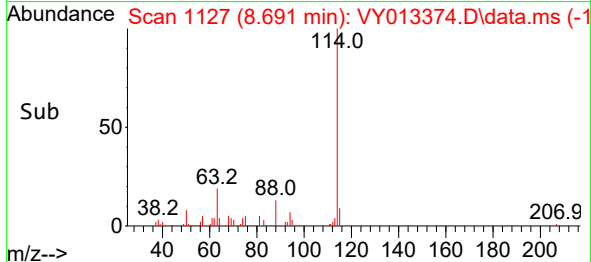
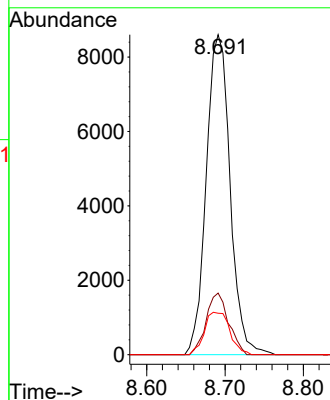
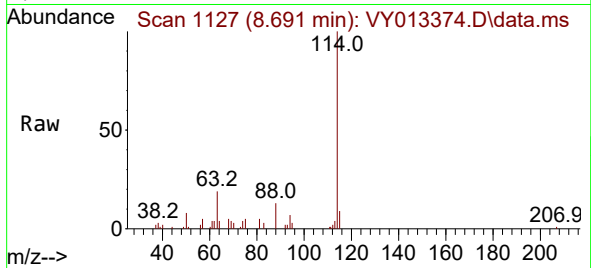




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY013374.D
Acq: 20 Apr 2023 17:34

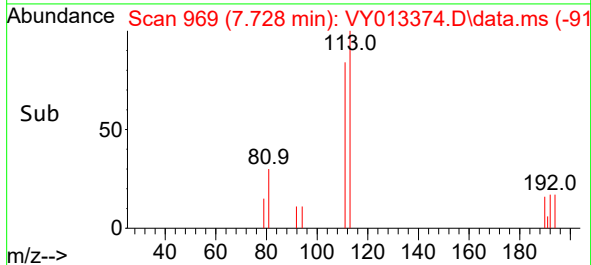
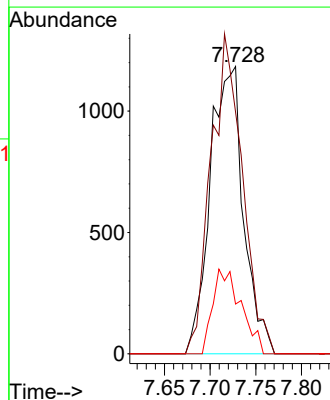
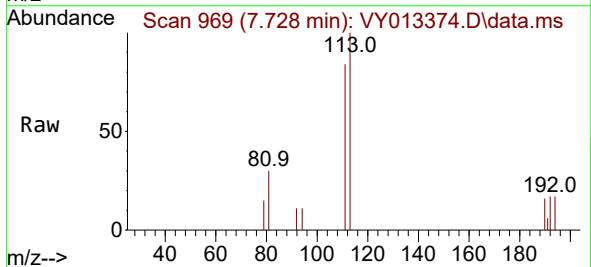
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-229RE

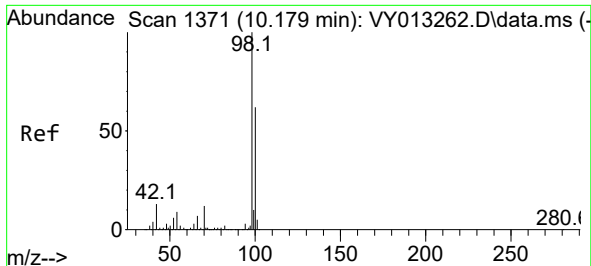
Tgt Ion:114 Resp: 18198
Ion Ratio Lower Upper
114 100
63 19.3 0.0 37.4
88 13.0 0.0 28.6



#35
Dibromofluoromethane
Concen: 25.583 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY013374.D
Acq: 20 Apr 2023 17:34

Tgt Ion:113 Resp: 3014
Ion Ratio Lower Upper
113 100
111 105.0 82.2 123.2
192 24.9 16.8 25.2

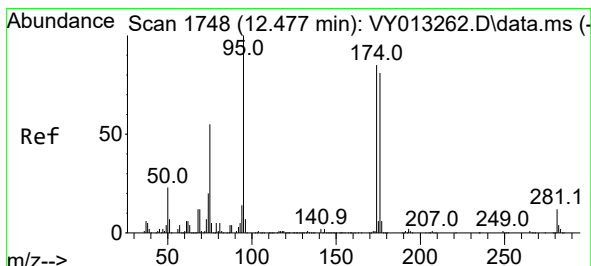
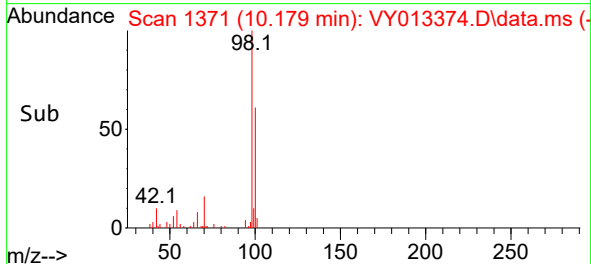
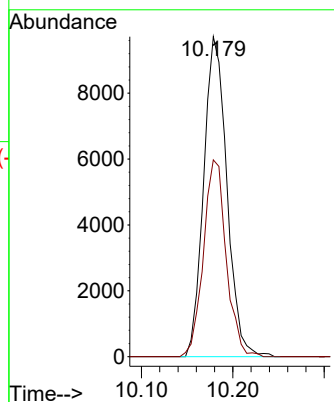
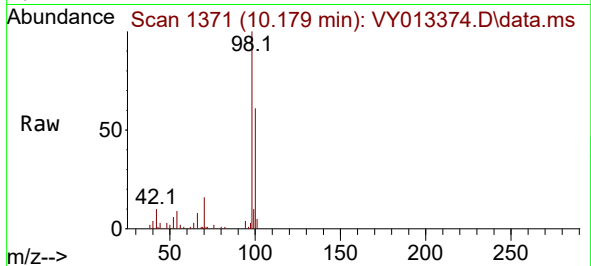




#50
Toluene-d8
Concen: 39.009 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013374.D
Acq: 20 Apr 2023 17:34

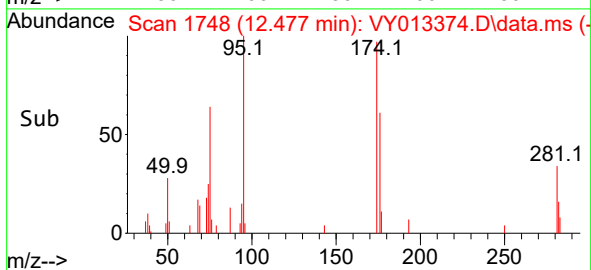
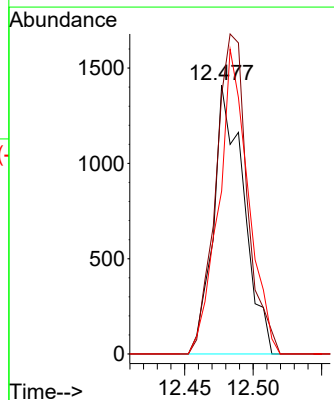
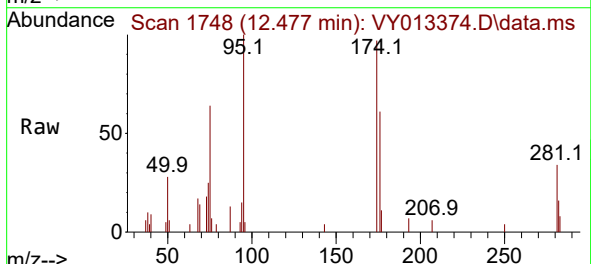
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-229RE

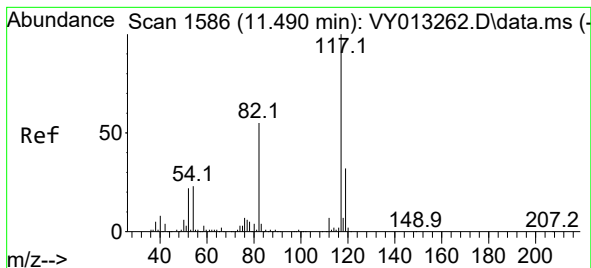
Tgt Ion: 98 Resp: 17106
Ion Ratio Lower Upper
98 100
100 60.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 15.216 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013374.D
Acq: 20 Apr 2023 17:34

Tgt Ion: 95 Resp: 2168
Ion Ratio Lower Upper
95 100
174 123.8 0.0 176.6
176 111.7 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11124

Delta R.T. -0.000 min

Lab File: VY013374.D

Acq: 20 Apr 2023 17:34

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-229RE

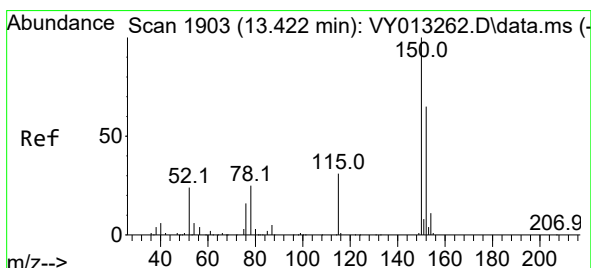
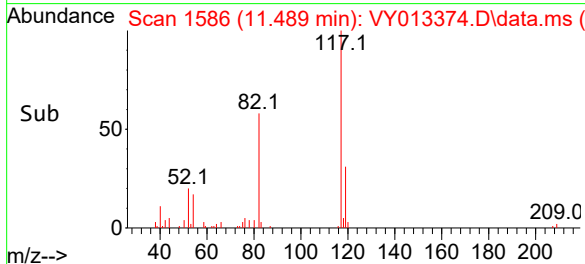
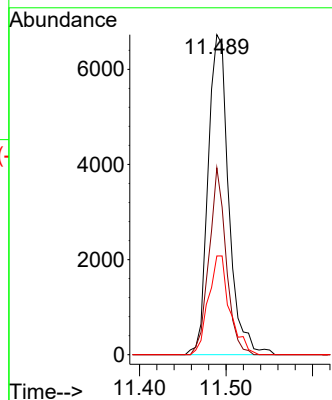
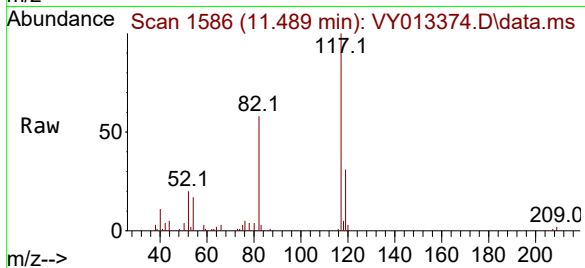
Tgt Ion:117 Resp: 11124

Ion Ratio Lower Upper

117 100

82 58.4 45.4 68.0

119 30.8 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY013374.D

Acq: 20 Apr 2023 17:34

Tgt Ion:152 Resp: 2302

Ion Ratio Lower Upper

152 100

115 53.0 27.1 81.3

150 167.6 0.0 347.8

