

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
 Data File : VY009640.D
 Acq On : 21 Jul 2022 18:00
 Operator : KP/MD
 Sample : N3786-01
 Misc : 6.19g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 0718-WC-TP-12EA

Quant Time: Jul 22 02:31:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	253561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	402120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	360055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	166739	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	129292	53.915	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.840%
35) Dibromofluoromethane	7.704	113	123363	48.696	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.400%
50) Toluene-d8	10.173	98	455926	46.815	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	93.620%
62) 4-Bromofluorobenzene	12.477	95	143171	45.369	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	90.740%

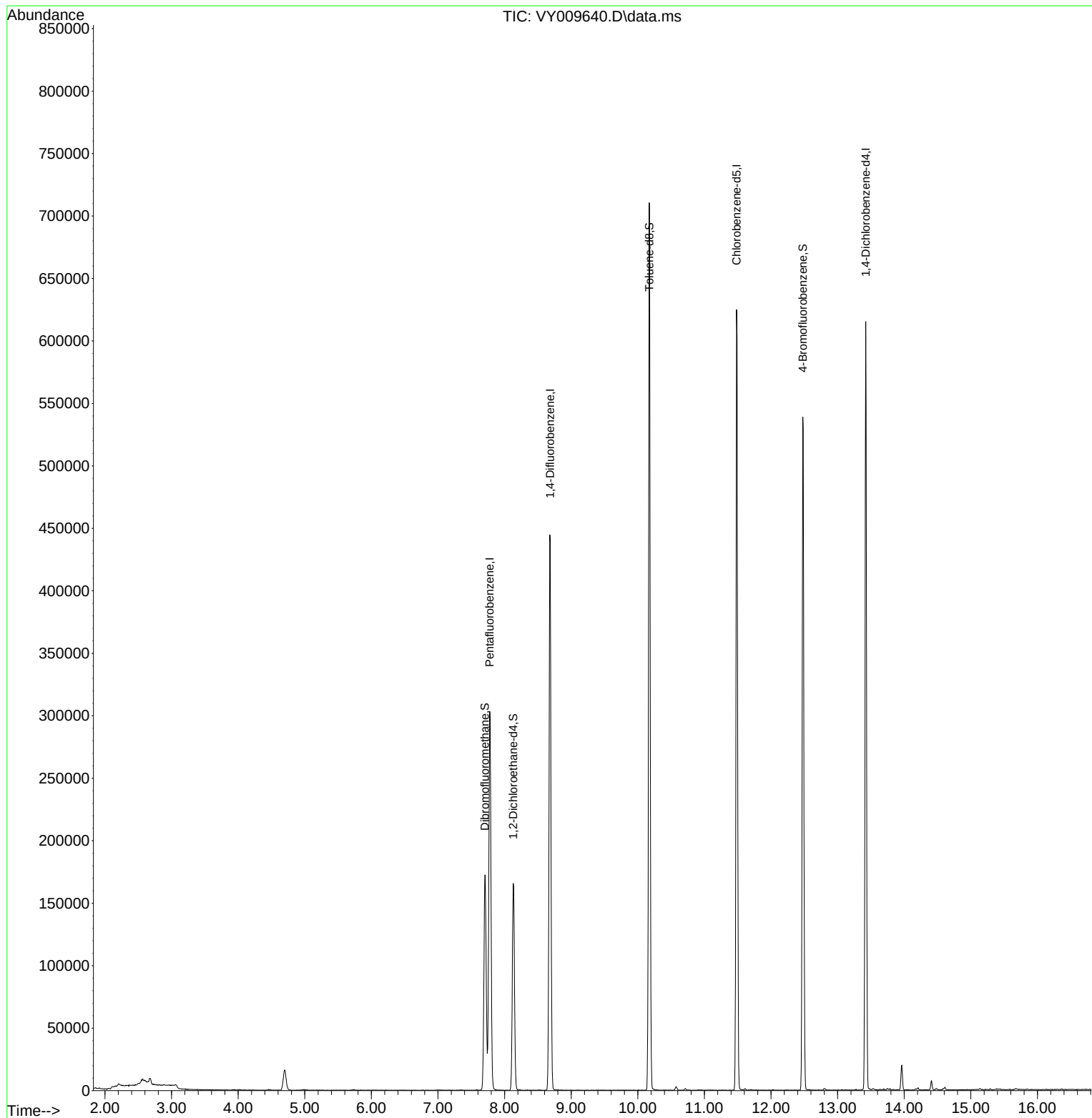
Target Compounds	Qvalue

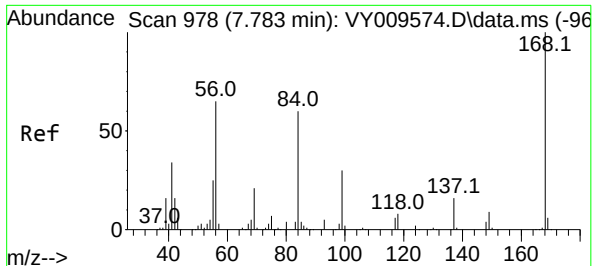
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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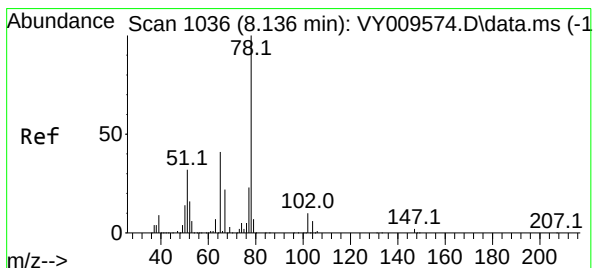
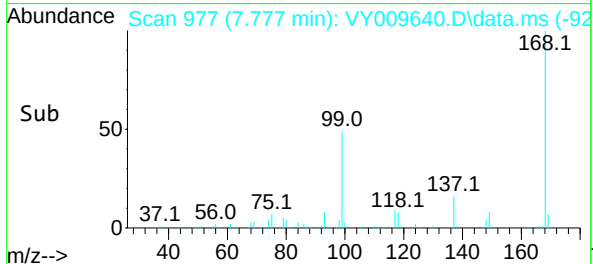
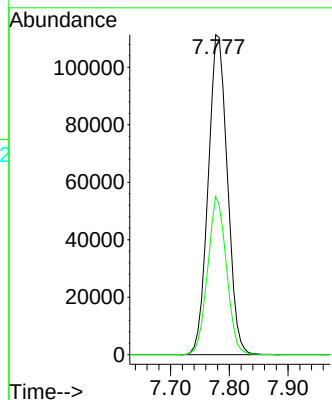
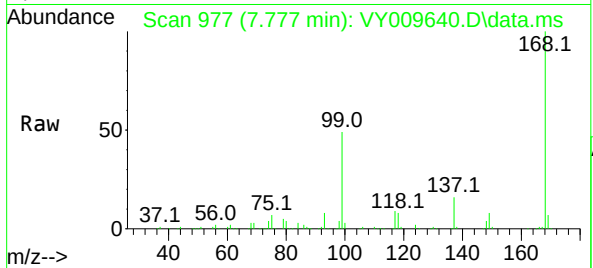




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009640.D
Acq: 21 Jul 2022 18:00

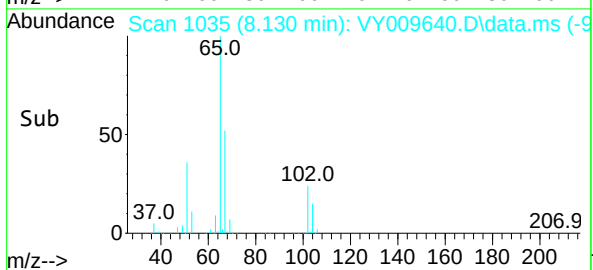
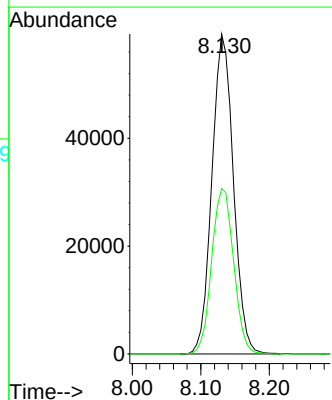
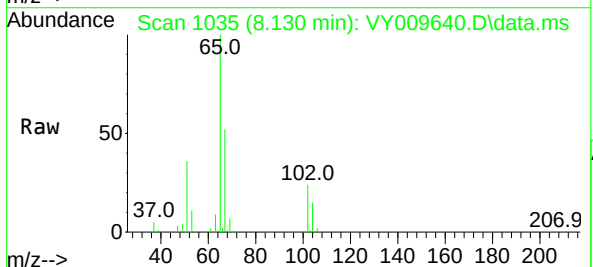
Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-12EA

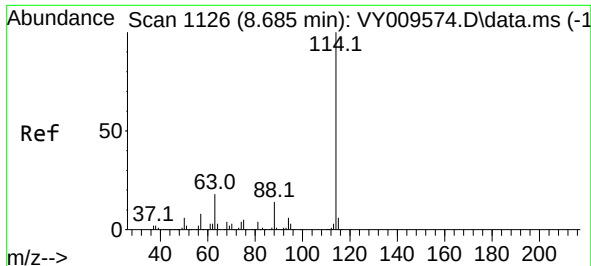
Tgt Ion:168 Resp: 253561
Ion Ratio Lower Upper
168 100
99 49.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.915 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009640.D
Acq: 21 Jul 2022 18:00

Tgt Ion: 65 Resp: 129292
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009640.D

Acq: 21 Jul 2022 18:00

Instrument :

MSVOA_Y

ClientSampleId :

0718-WC-TP-12EA

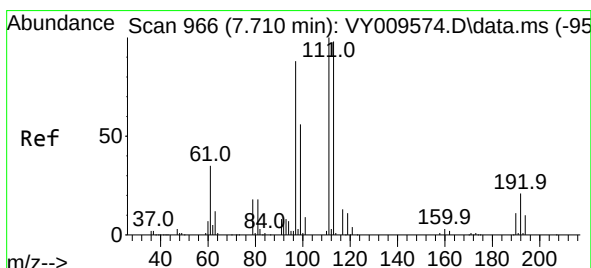
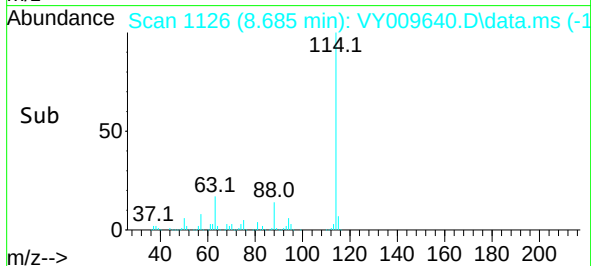
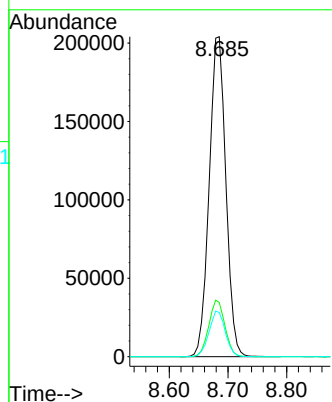
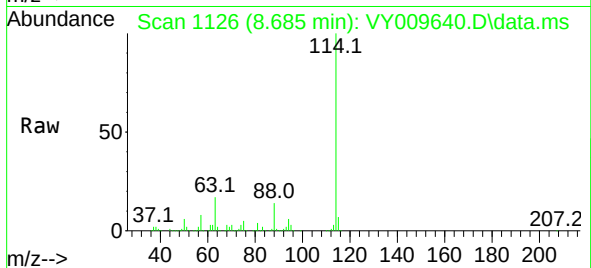
Tgt Ion:114 Resp: 402120

Ion Ratio Lower Upper

114 100

63 16.9 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.696 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.006 min

Lab File: VY009640.D

Acq: 21 Jul 2022 18:00

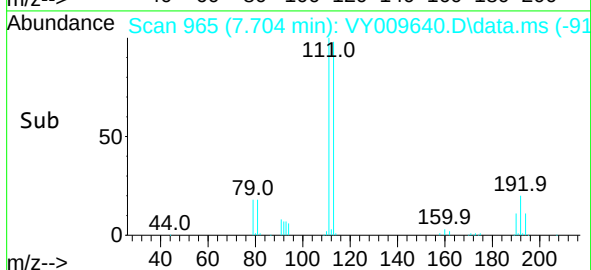
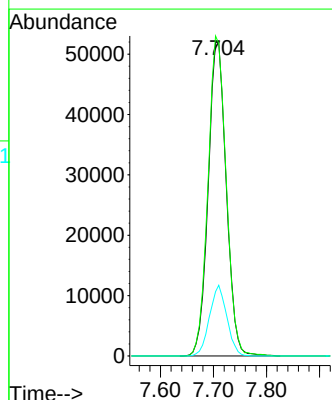
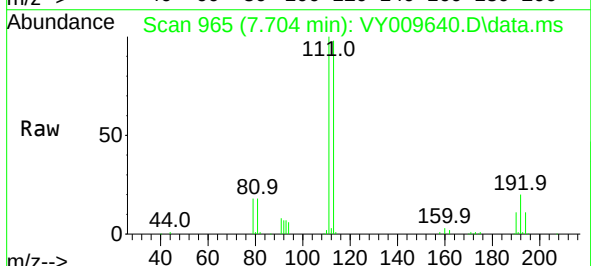
Tgt Ion:113 Resp: 123363

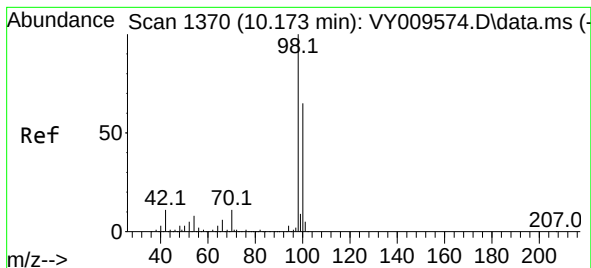
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 21.6 17.6 26.4

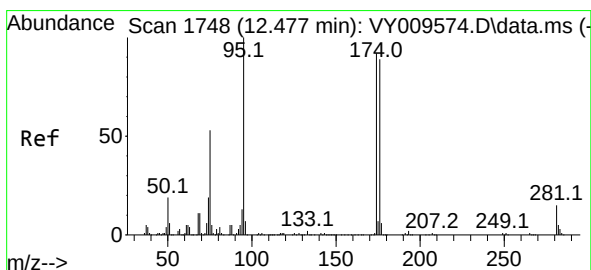
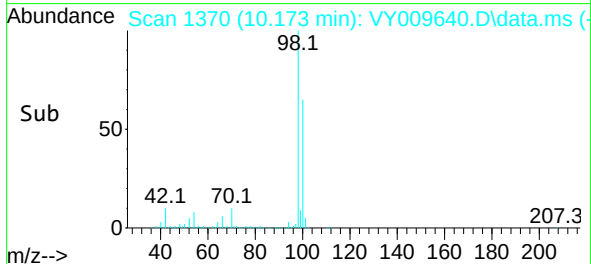
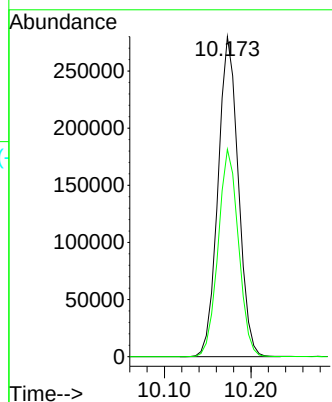
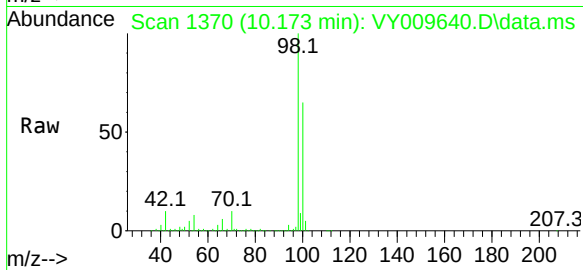




#50
Toluene-d8
Concen: 46.815 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009640.D
Acq: 21 Jul 2022 18:00

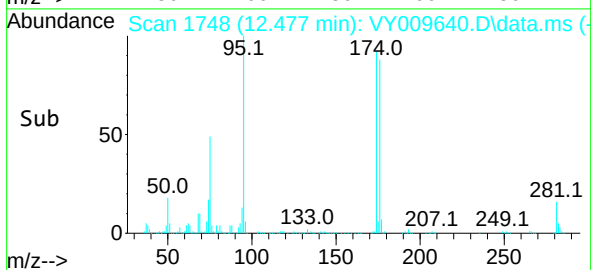
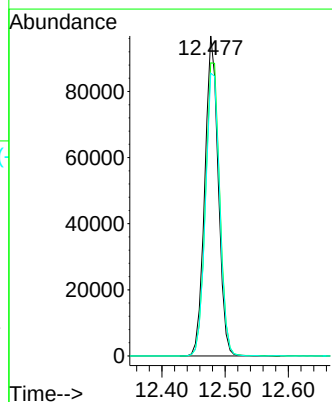
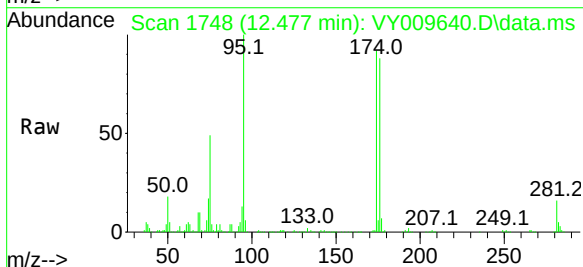
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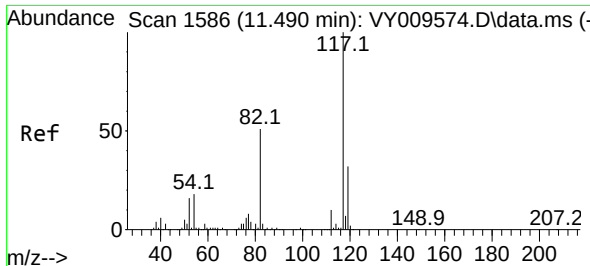
Tgt Ion: 98 Resp: 455926
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.369 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009640.D
Acq: 21 Jul 2022 18:00

Tgt Ion: 95 Resp: 143171
Ion Ratio Lower Upper
95 100
174 97.0 0.0 177.0
176 93.6 0.0 175.8

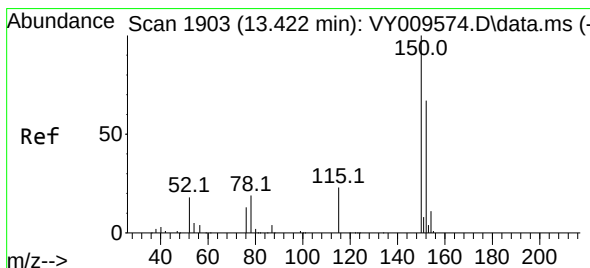
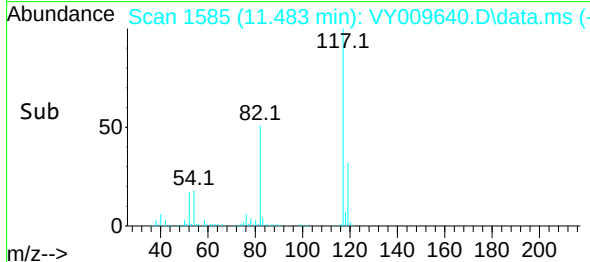
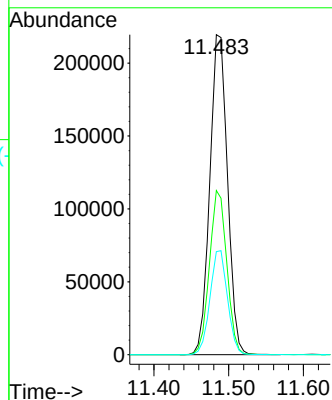
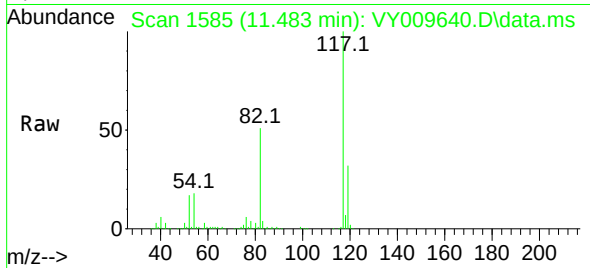




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY009640.D
Acq: 21 Jul 2022 18:00

Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-12EA

Tgt Ion:117 Resp: 360055
Ion Ratio Lower Upper
117 100
82 51.3 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009640.D
Acq: 21 Jul 2022 18:00

Tgt Ion:152 Resp: 166739
Ion Ratio Lower Upper
152 100
115 54.7 28.2 84.7
150 156.5 0.0 347.6

