

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
 Data File : VY015003.D
 Acq On : 09 Aug 2023 14:20
 Operator : SY/MD
 Sample : 03939-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ORA-1745-1746-1747

Quant Time: Aug 10 01:45:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	240547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	412382	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	398677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	200365	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	159397	54.672	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.340%
35) Dibromofluoromethane	7.710	113	134031	50.825	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.660%
50) Toluene-d8	10.173	98	486650	48.484	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.960%
62) 4-Bromofluorobenzene	12.477	95	191068	53.709	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.420%

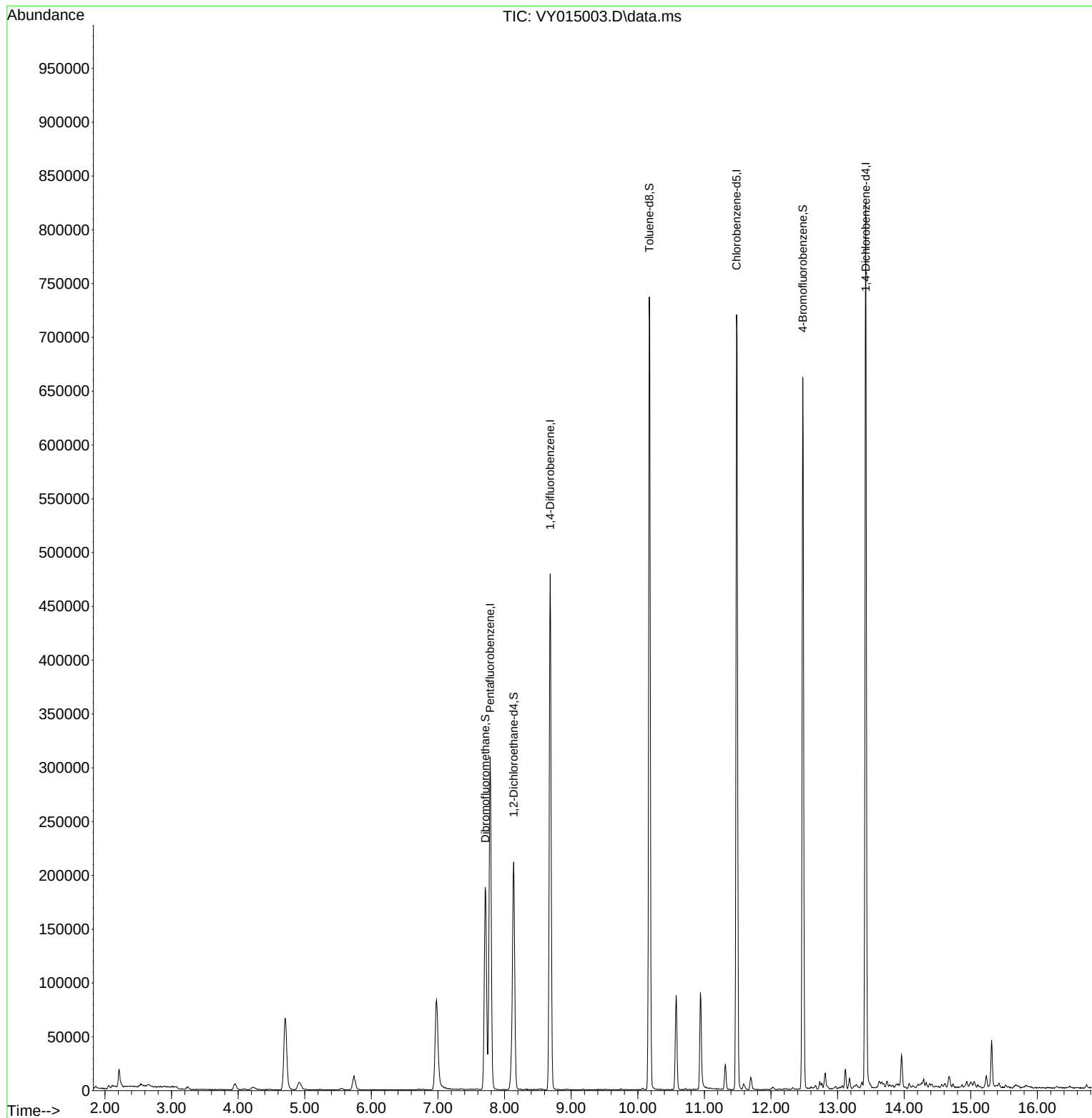
Target Compounds	Qvalue

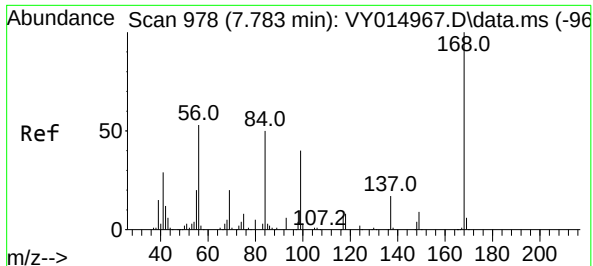
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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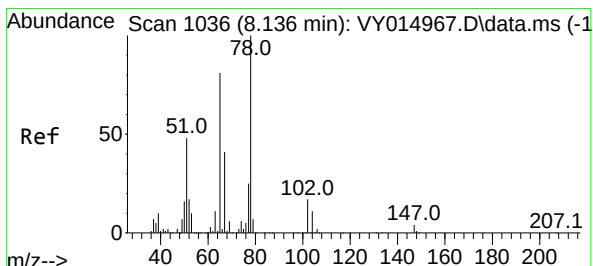
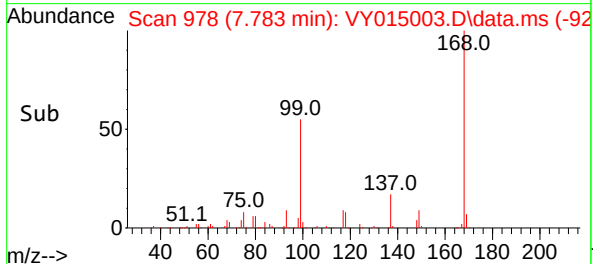
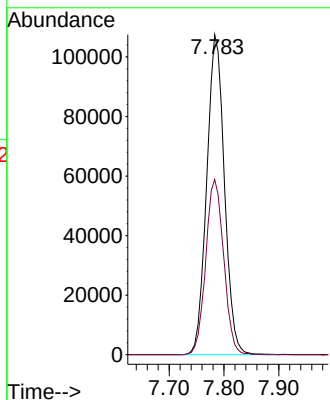
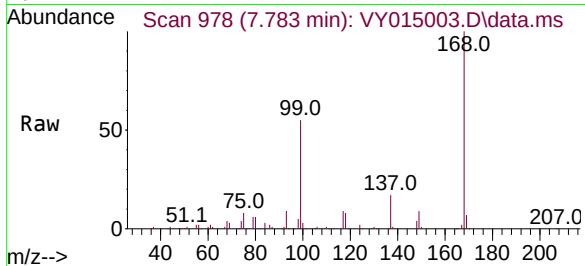




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015003.D
Acq: 09 Aug 2023 14:20

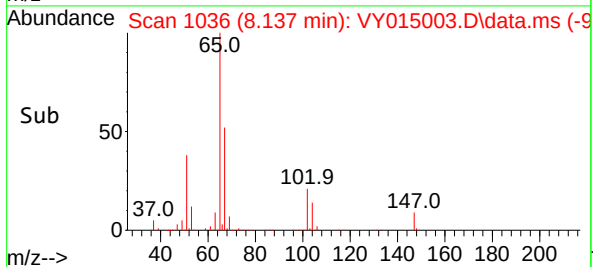
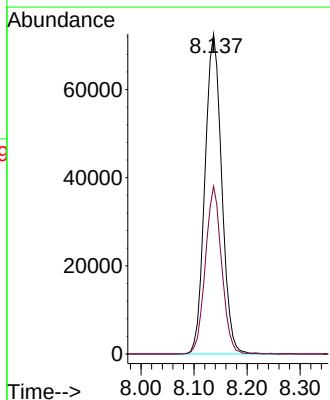
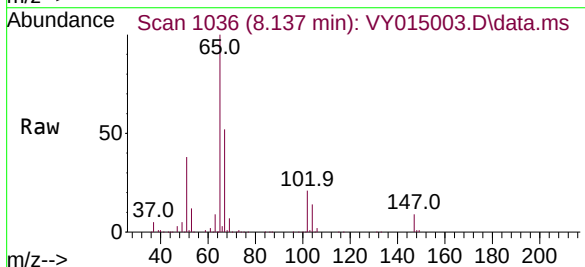
Instrument :
MSVOA_Y
ClientSampleId :
ORA-1745-1746-1747

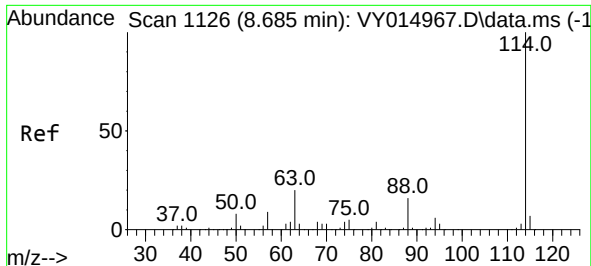
Tgt Ion:168 Resp: 240547
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 54.672 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015003.D
Acq: 09 Aug 2023 14:20

Tgt Ion: 65 Resp: 159397
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015003.D

Acq: 09 Aug 2023 14:20

Instrument :

MSVOA_Y

ClientSampleId :

ORA-1745-1746-1747

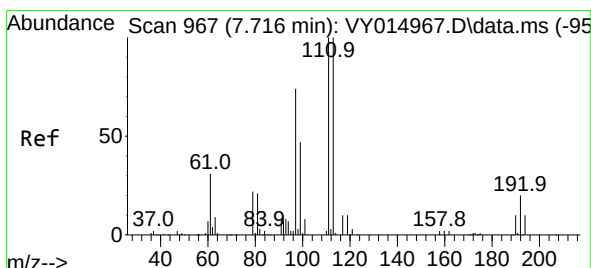
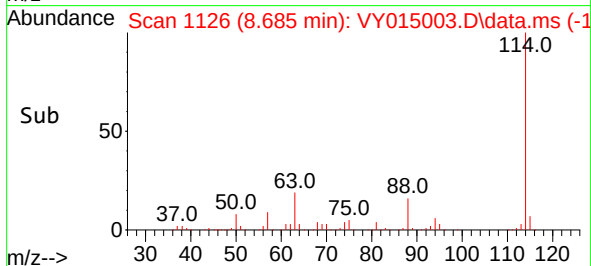
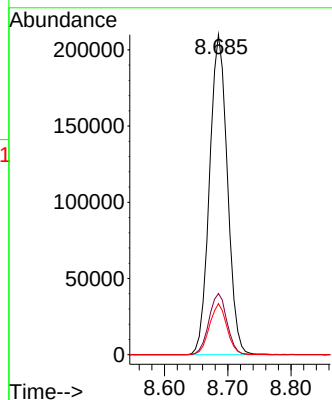
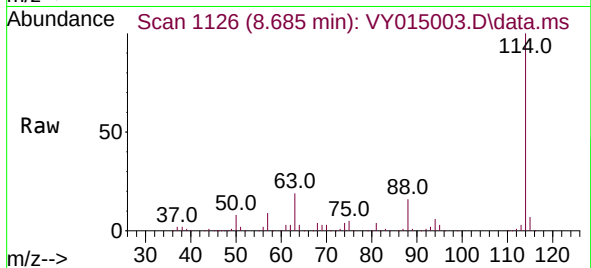
Tgt Ion:114 Resp: 412382

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.825 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015003.D

Acq: 09 Aug 2023 14:20

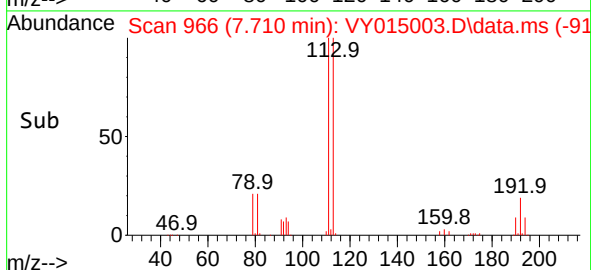
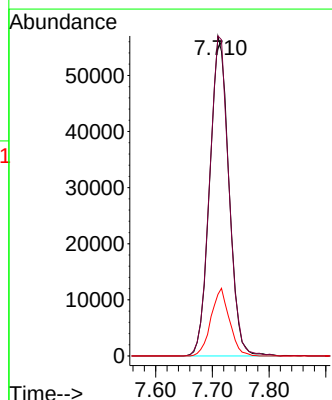
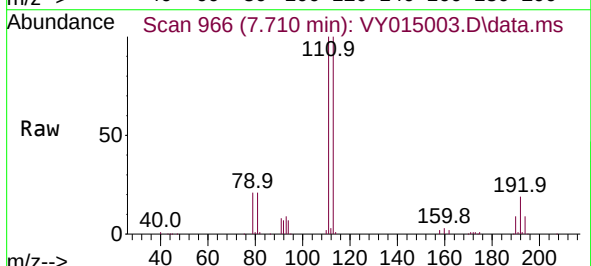
Tgt Ion:113 Resp: 134031

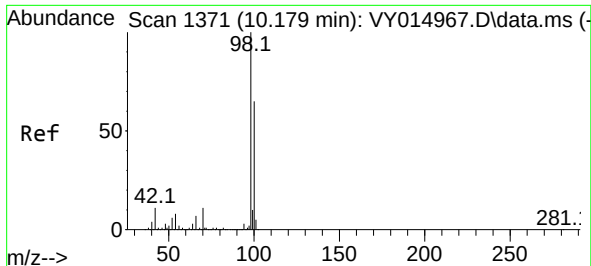
Ion Ratio Lower Upper

113 100

111 100.5 81.3 121.9

192 20.3 16.9 25.3

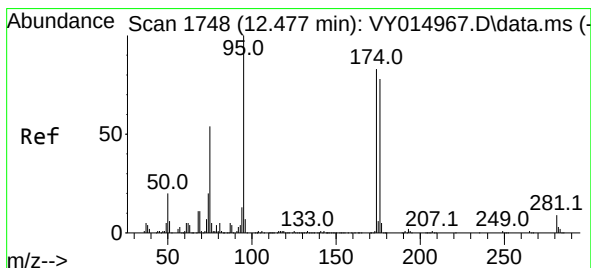
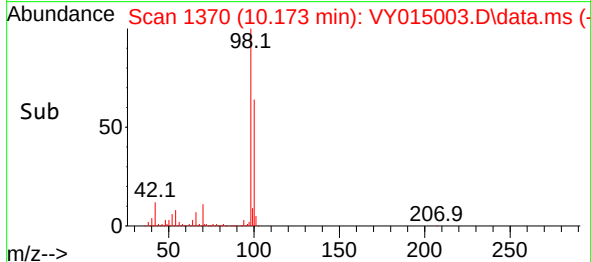
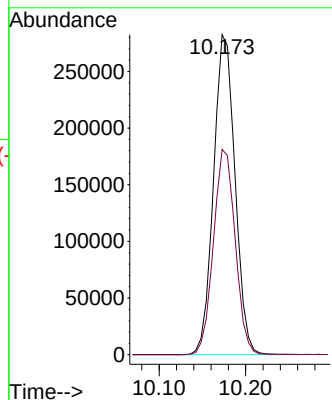
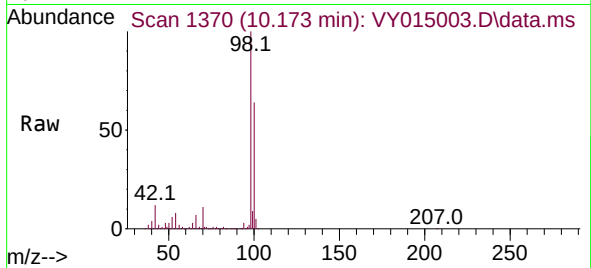




#50
Toluene-d8
Concen: 48.484 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015003.D
Acq: 09 Aug 2023 14:20

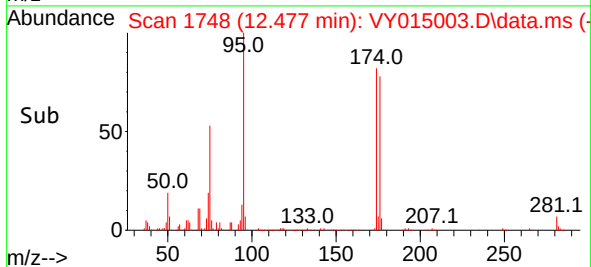
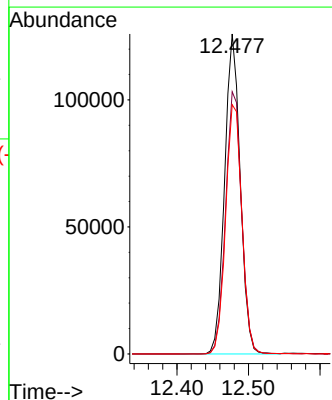
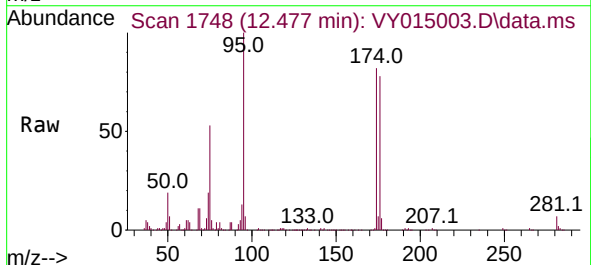
Instrument :
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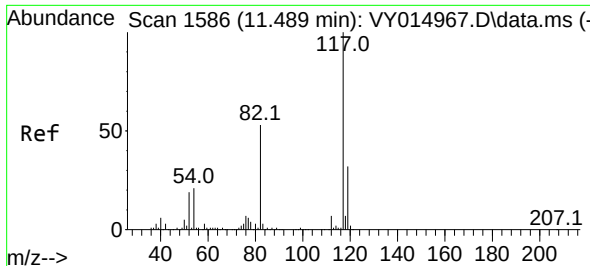
Tgt Ion: 98 Resp: 486650
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 53.709 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015003.D
Acq: 09 Aug 2023 14:20

Tgt Ion: 95 Resp: 191068
Ion Ratio Lower Upper
95 100
174 84.4 0.0 178.2
176 81.1 0.0 173.8

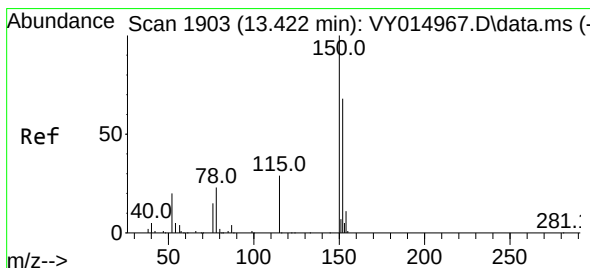
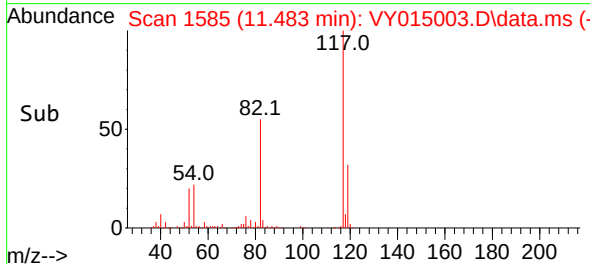
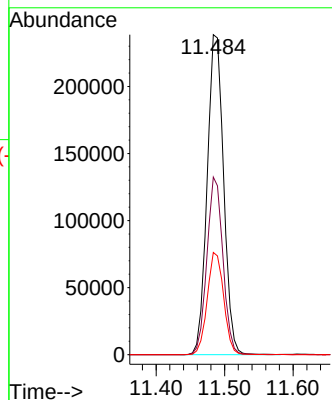
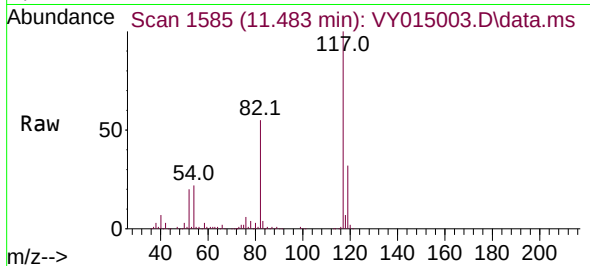




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015003.D
Acq: 09 Aug 2023 14:20

Instrument :
MSVOA_Y
ClientSampleId :
ORA-1745-1746-1747

Tgt Ion:117 Resp: 398677
Ion Ratio Lower Upper
117 100
82 55.5 43.4 65.0
119 31.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015003.D
Acq: 09 Aug 2023 14:20

Tgt Ion:152 Resp: 200365
Ion Ratio Lower Upper
152 100
115 58.4 28.8 86.5
150 158.2 0.0 348.8

