

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112823\
 Data File : VY016523.D
 Acq On : 28 Nov 2023 16:26
 Operator : SY/MD
 Sample : 05562-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-112823

Quant Time: Nov 29 03:09:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	4516	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	6924	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	6248	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.453	152	1500	50.000	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	2472	59.892	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.780%
35) Dibromofluoromethane	7.746	113	1484	37.729	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.460%
50) Toluene-d8	10.203	98	8162	51.172	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.340%
62) 4-Bromofluorobenzene	12.508	95	1922	37.101	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.200%

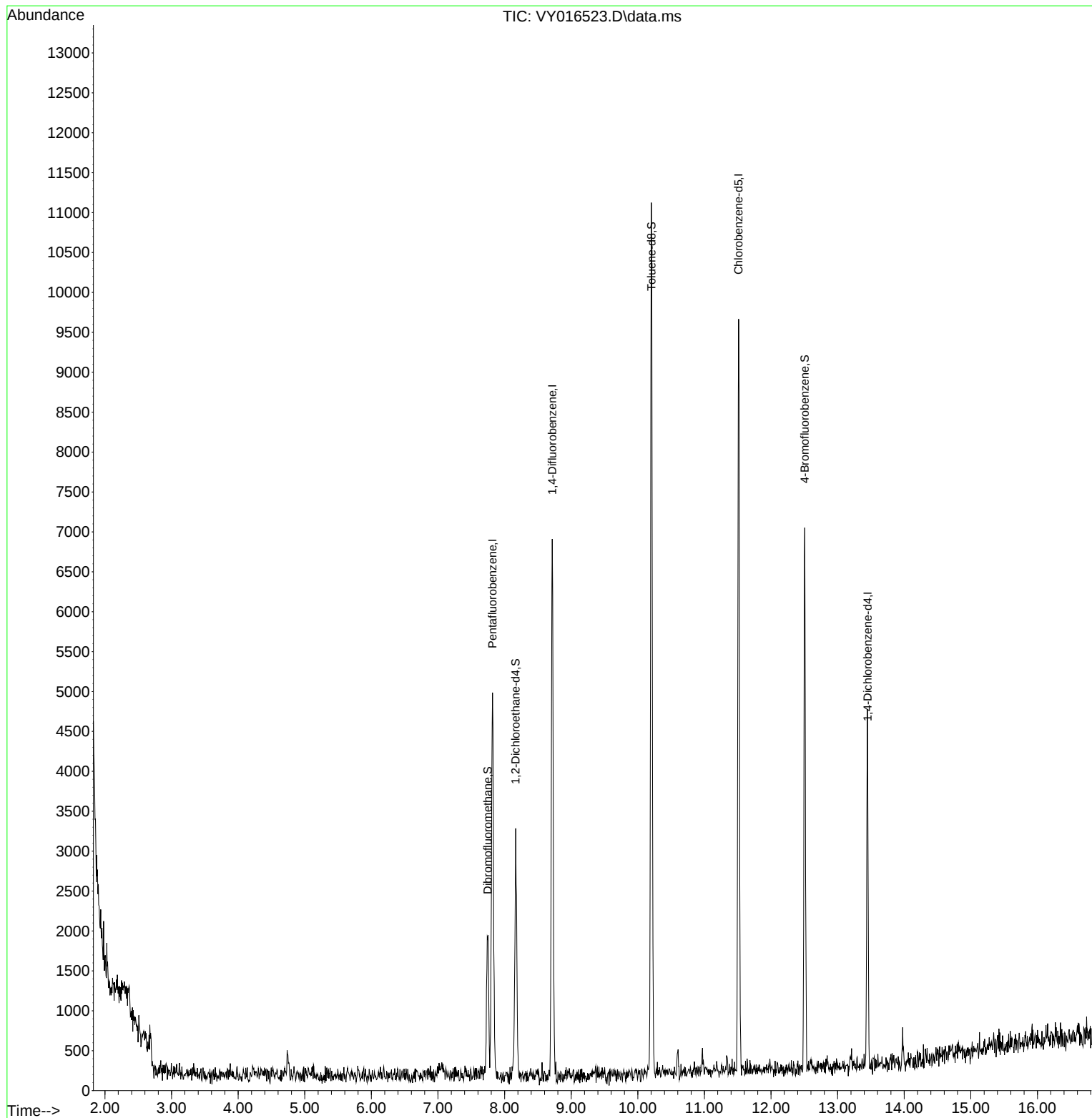
Target Compounds	Qvalue

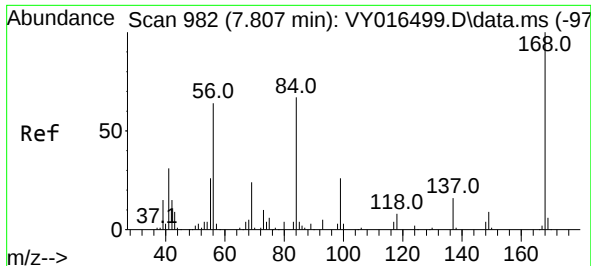
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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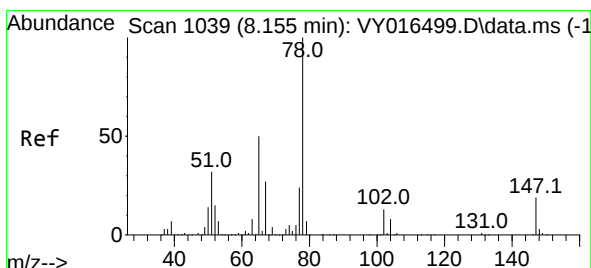
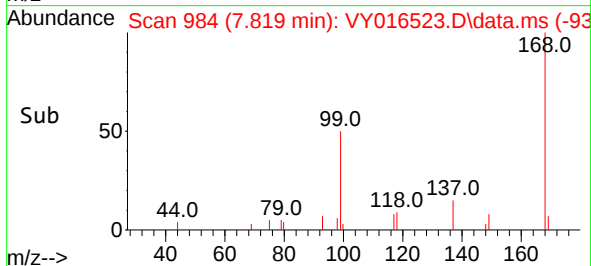
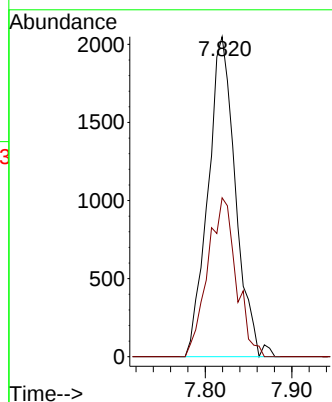
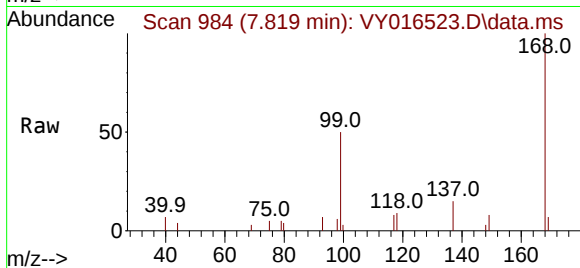




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016523.D
Acq: 28 Nov 2023 16:26

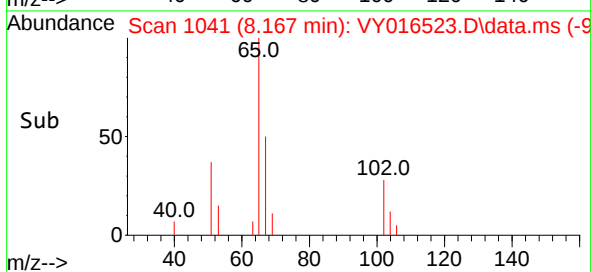
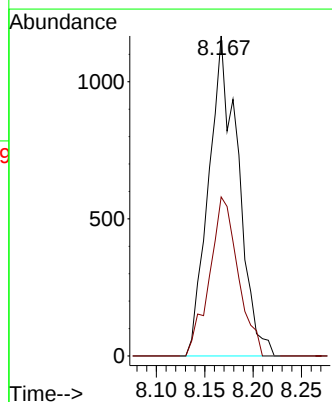
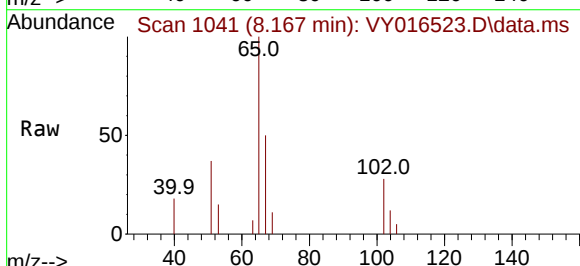
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-112823

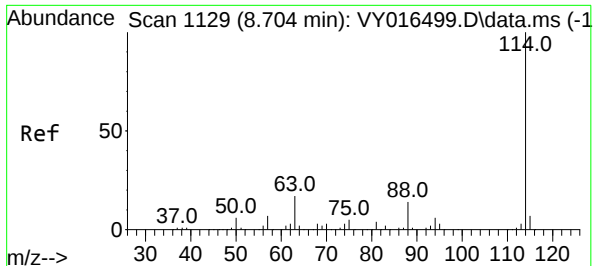
Tgt Ion:168 Resp: 4516
Ion Ratio Lower Upper
168 100
99 49.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 59.892 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY016523.D
Acq: 28 Nov 2023 16:26

Tgt Ion: 65 Resp: 2472
Ion Ratio Lower Upper
65 100
67 48.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1129

Delta R.T. 0.012 min

Lab File: VY016523.D

Acq: 28 Nov 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-112823

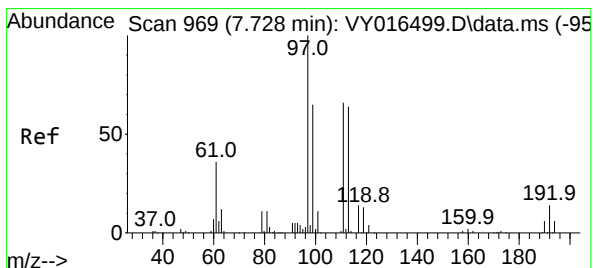
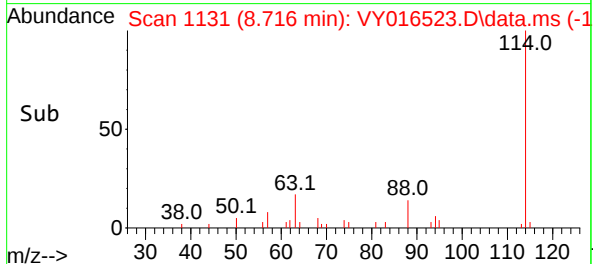
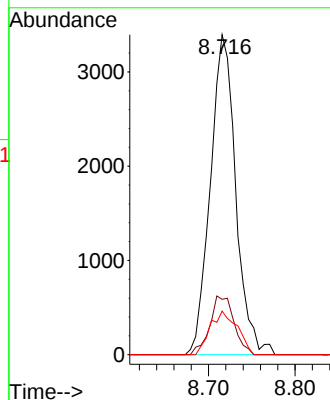
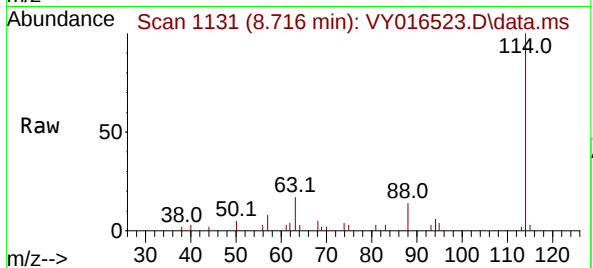
Tgt Ion:114 Resp: 6924

Ion Ratio Lower Upper

114 100

63 17.3 0.0 42.4

88 13.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 37.729 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.012 min

Lab File: VY016523.D

Acq: 28 Nov 2023 16:26

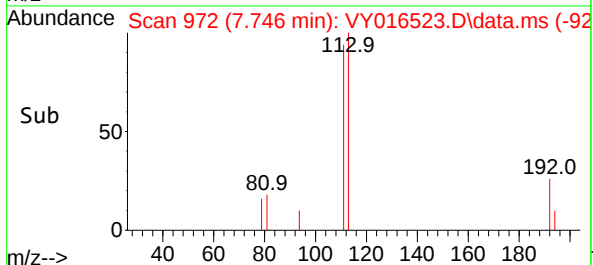
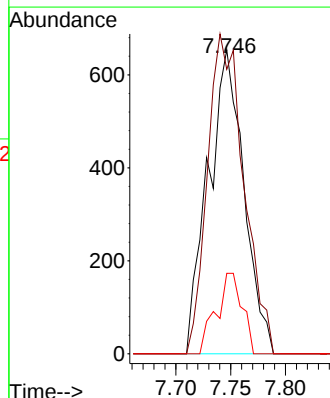
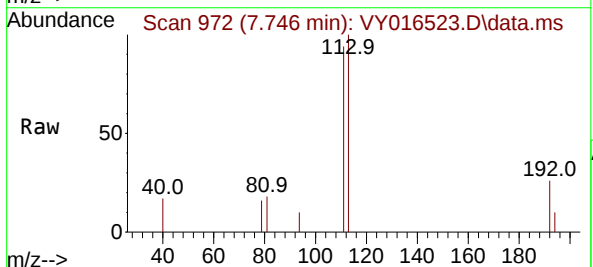
Tgt Ion:113 Resp: 1484

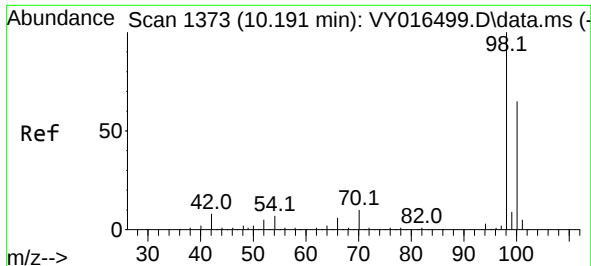
Ion Ratio Lower Upper

113 100

111 106.4 81.3 121.9

192 19.1 16.9 25.3

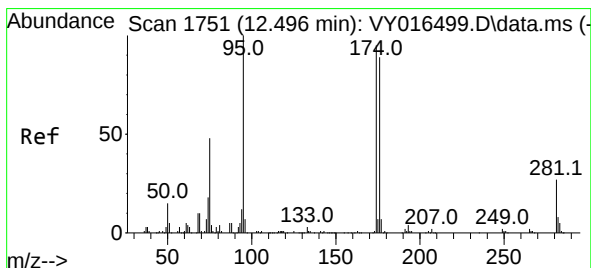
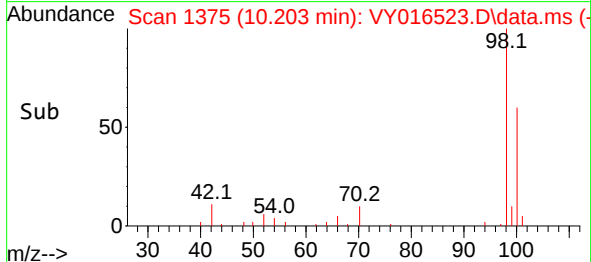
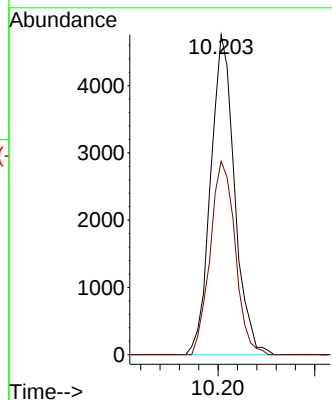
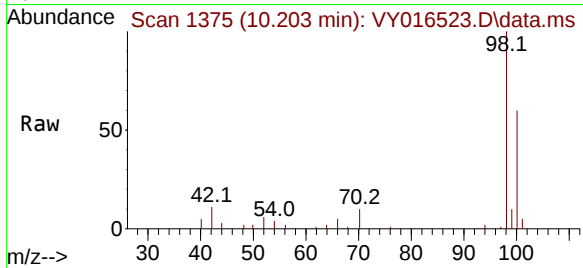




#50
Toluene-d8
Concen: 51.172 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016523.D
Acq: 28 Nov 2023 16:26

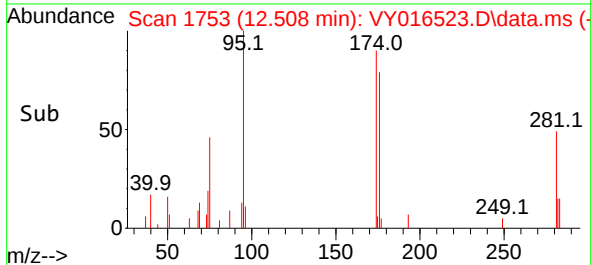
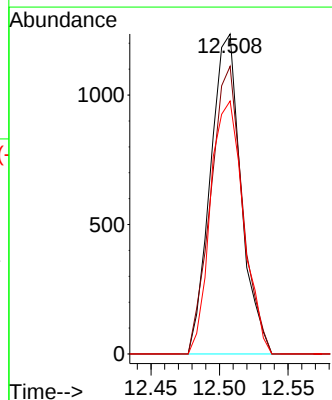
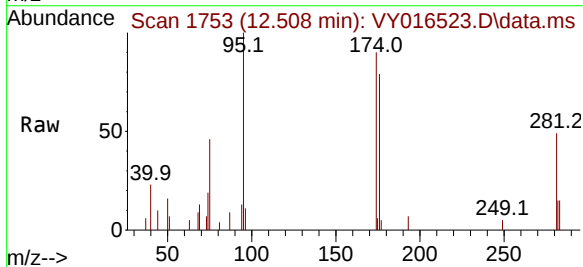
Instrument :
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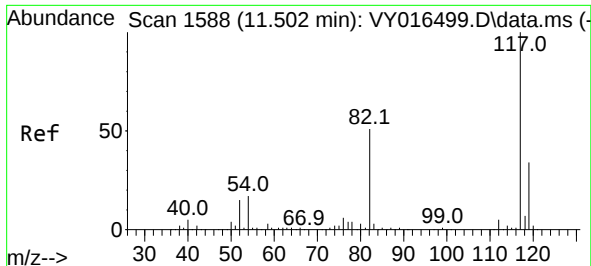
Tgt Ion: 98 Resp: 8162
Ion Ratio Lower Upper
98 100
100 63.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 37.101 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.018 min
Lab File: VY016523.D
Acq: 28 Nov 2023 16:26

Tgt Ion: 95 Resp: 1922
Ion Ratio Lower Upper
95 100
174 93.1 0.0 178.2
176 85.0 0.0 173.8

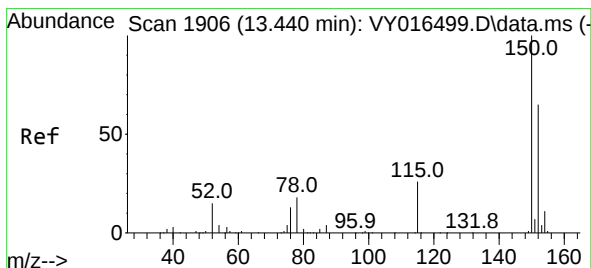
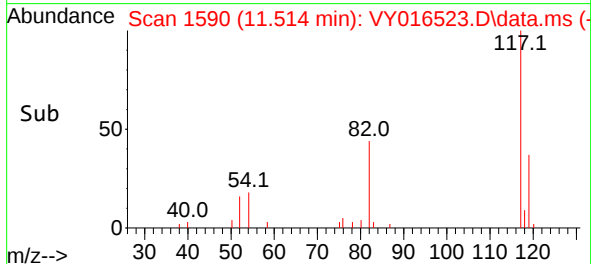
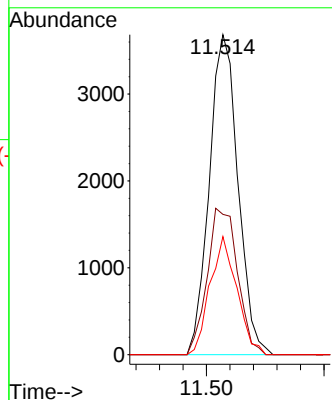
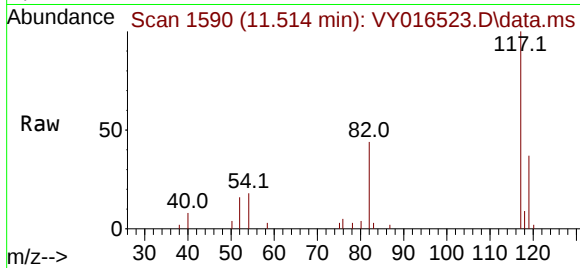




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016523.D
Acq: 28 Nov 2023 16:26

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-112823

Tgt Ion:117 Resp: 6248
Ion Ratio Lower Upper
117 100
82 43.9 43.4 65.0
119 36.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.018 min
Lab File: VY016523.D
Acq: 28 Nov 2023 16:26

Tgt Ion:152 Resp: 1500
Ion Ratio Lower Upper
152 100
115 52.9 28.8 86.5
150 140.0 0.0 348.8

