

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102824\
 Data File : VY020037.D
 Acq On : 28 Oct 2024 13:52
 Operator : SY/MD
 Sample : P4575-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-02-102424

Quant Time: Oct 29 01:57:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	51719	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	100003	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	85701	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	25540	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	36574	57.433	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.860%
35) Dibromofluoromethane	7.640	113	33842	51.283	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.560%
50) Toluene-d8	10.109	98	118373	48.574	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.140%
62) 4-Bromofluorobenzene	12.408	95	31864	36.187	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	72.380%

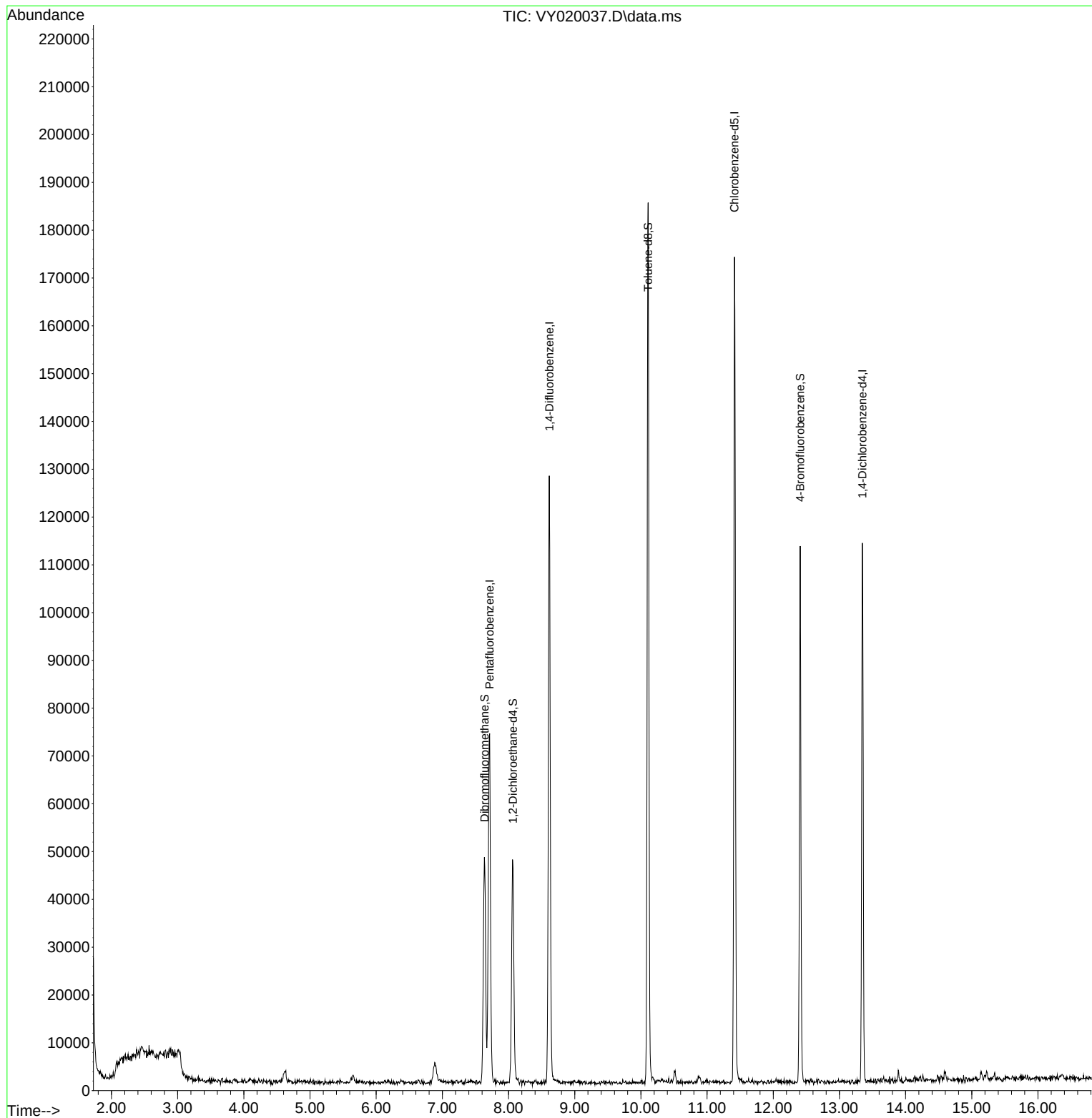
Target Compounds	Qvalue

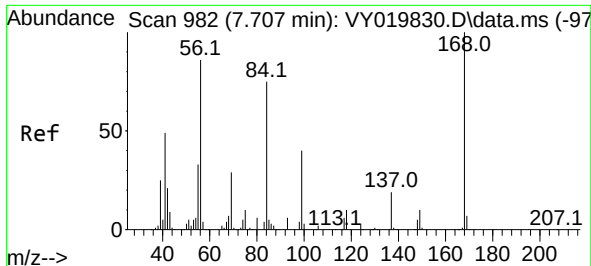
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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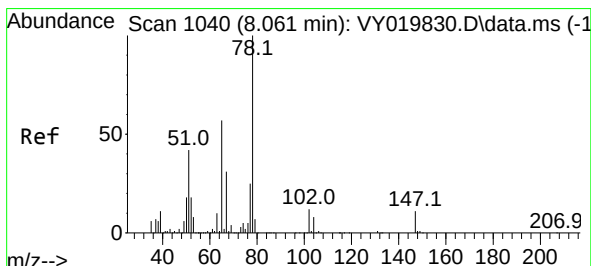
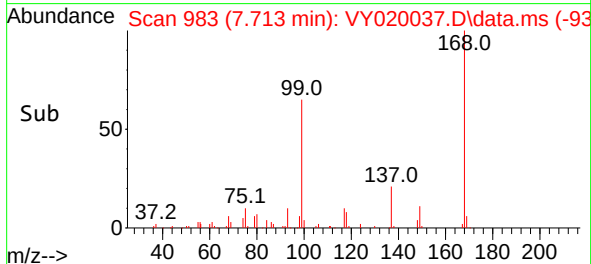
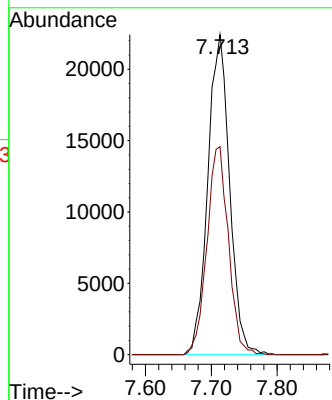
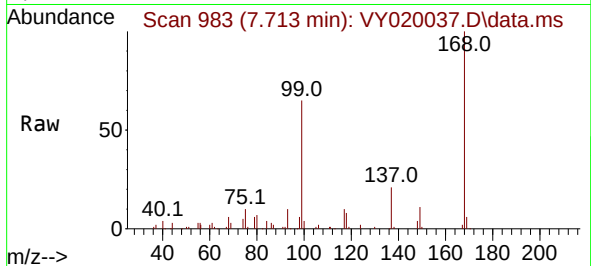




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020037.D
Acq: 28 Oct 2024 13:52

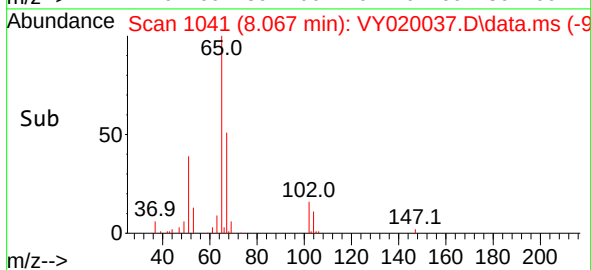
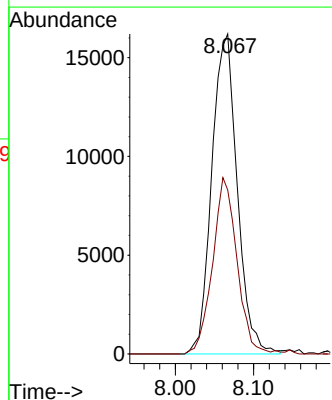
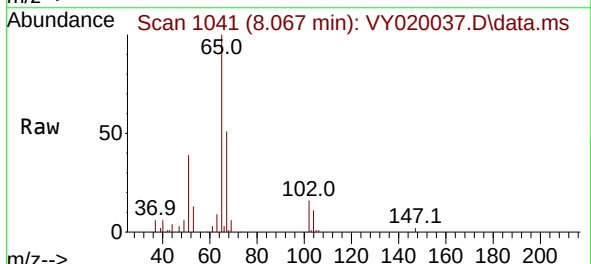
Instrument :
MSVOA_Y
ClientSampleId :
PL-02-102424

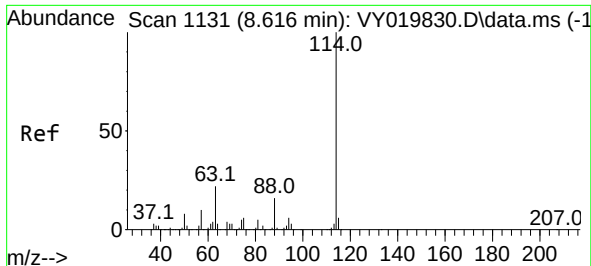
Tgt Ion:168 Resp: 51719
Ion Ratio Lower Upper
168 100
99 65.0 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 57.433 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020037.D
Acq: 28 Oct 2024 13:52

Tgt Ion: 65 Resp: 36574
Ion Ratio Lower Upper
65 100
67 53.1 0.0 109.6

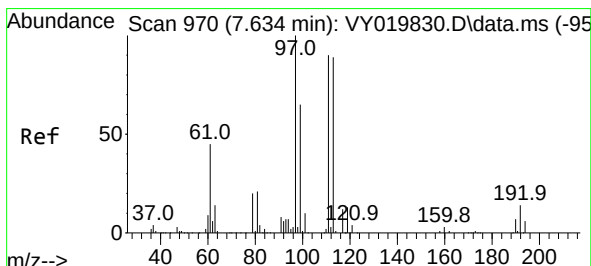
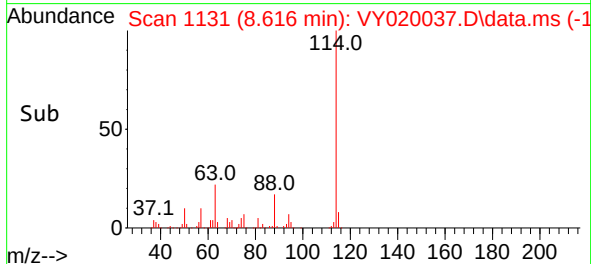
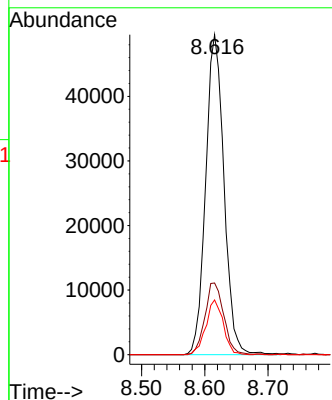
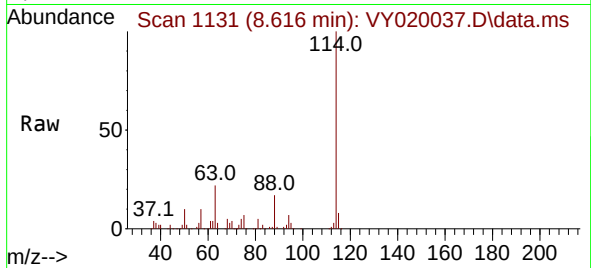




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020037.D
Acq: 28 Oct 2024 13:52

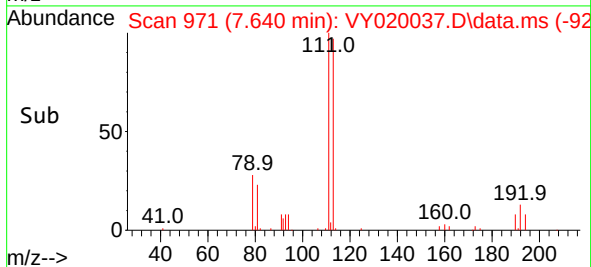
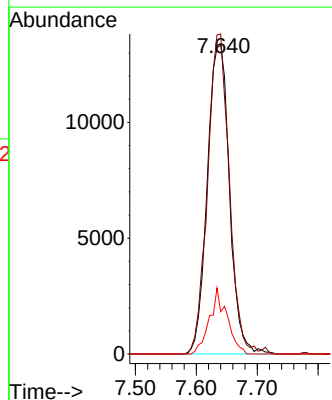
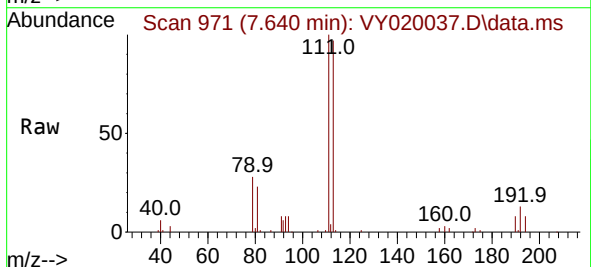
Instrument :
MSVOA_Y
ClientSampleId :
PL-02-102424

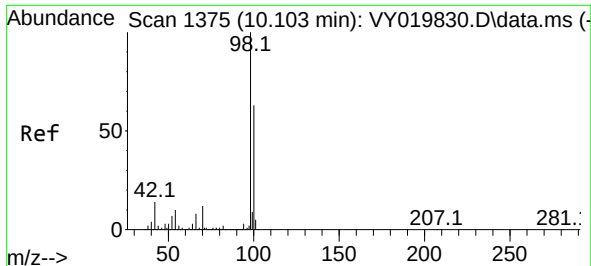
Tgt Ion:114 Resp: 100003
Ion Ratio Lower Upper
114 100
63 22.4 0.0 35.0
88 17.1 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.283 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020037.D
Acq: 28 Oct 2024 13:52

Tgt Ion:113 Resp: 33842
Ion Ratio Lower Upper
113 100
111 100.9 82.2 123.4
192 16.8 15.9 23.9

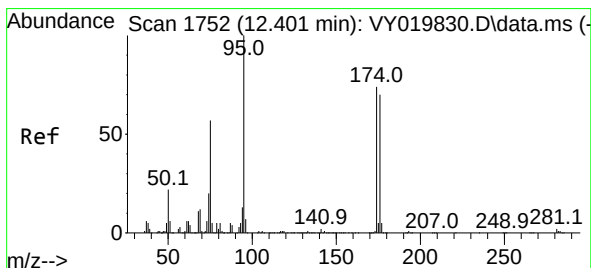
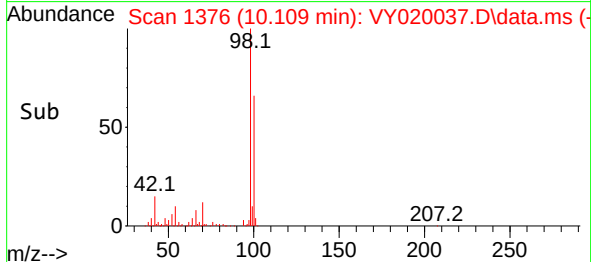
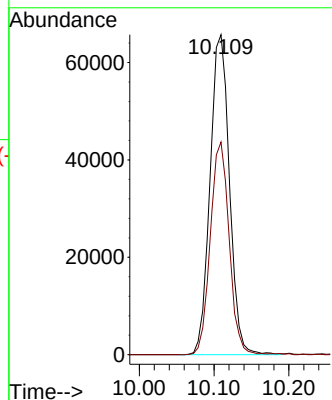
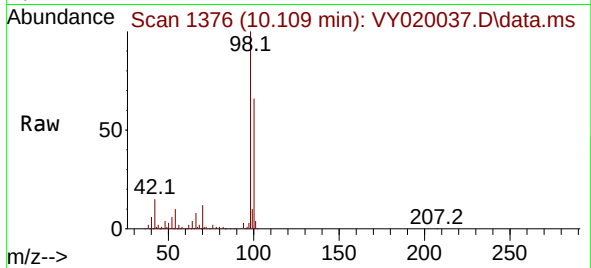




#50
Toluene-d8
Concen: 48.574 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020037.D
Acq: 28 Oct 2024 13:52

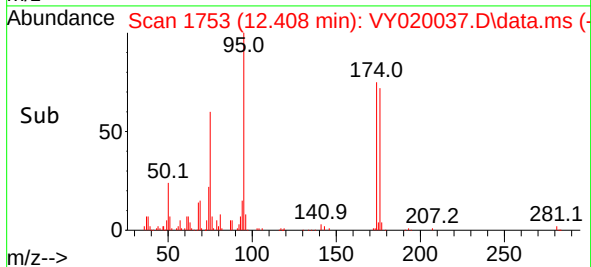
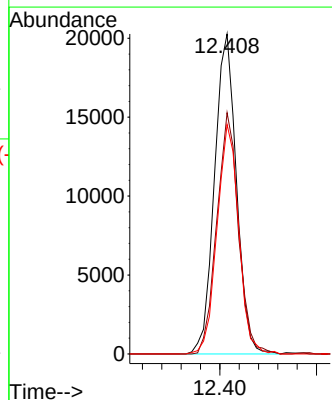
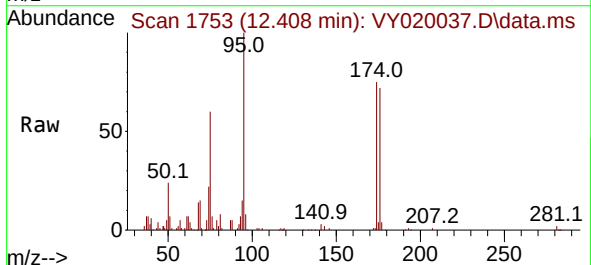
Instrument :
MSVOA_Y
ClientSampleId :
PL-02-102424

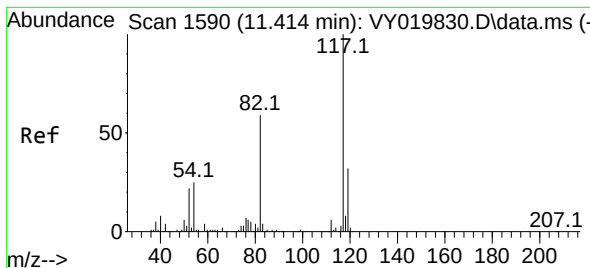
Tgt Ion: 98 Resp: 118373
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 36.187 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020037.D
Acq: 28 Oct 2024 13:52

Tgt Ion: 95 Resp: 31864
Ion Ratio Lower Upper
95 100
174 74.5 0.0 175.6
176 70.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020037.D

Acq: 28 Oct 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

PL-02-102424

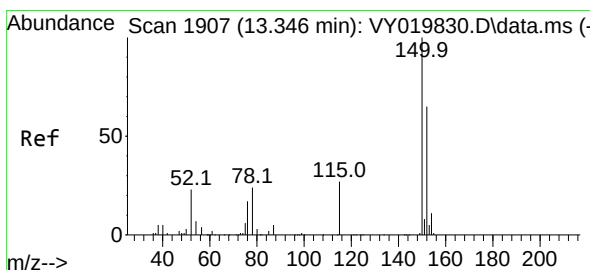
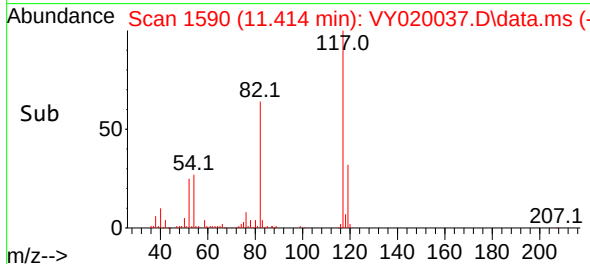
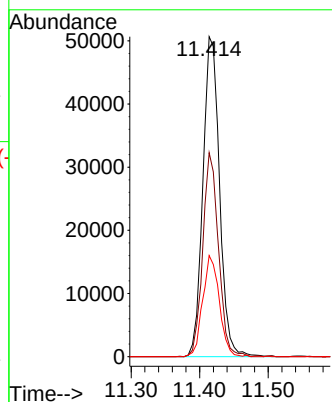
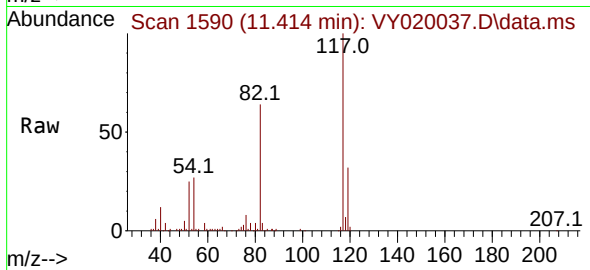
Tgt Ion:117 Resp: 85701

Ion Ratio Lower Upper

117 100

82 63.8 42.4 63.6#

119 31.6 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020037.D

Acq: 28 Oct 2024 13:52

Tgt Ion:152 Resp: 25540

Ion Ratio Lower Upper

152 100

115 61.3 28.2 84.7

150 159.4 0.0 345.6

