

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101124\
 Data File : VY019873.D
 Acq On : 11 Oct 2024 15:48
 Operator : SY/MD
 Sample : P4385-07
 Misc : 4.75g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-4

Quant Time: Oct 14 01:48:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	244456	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	504549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	447198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	157772	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	158595	52.690	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.380%
35) Dibromofluoromethane	7.640	113	161093	48.384	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.760%
50) Toluene-d8	10.109	98	609294	49.555	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.120%
62) 4-Bromofluorobenzene	12.407	95	183446	41.292	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	82.580%

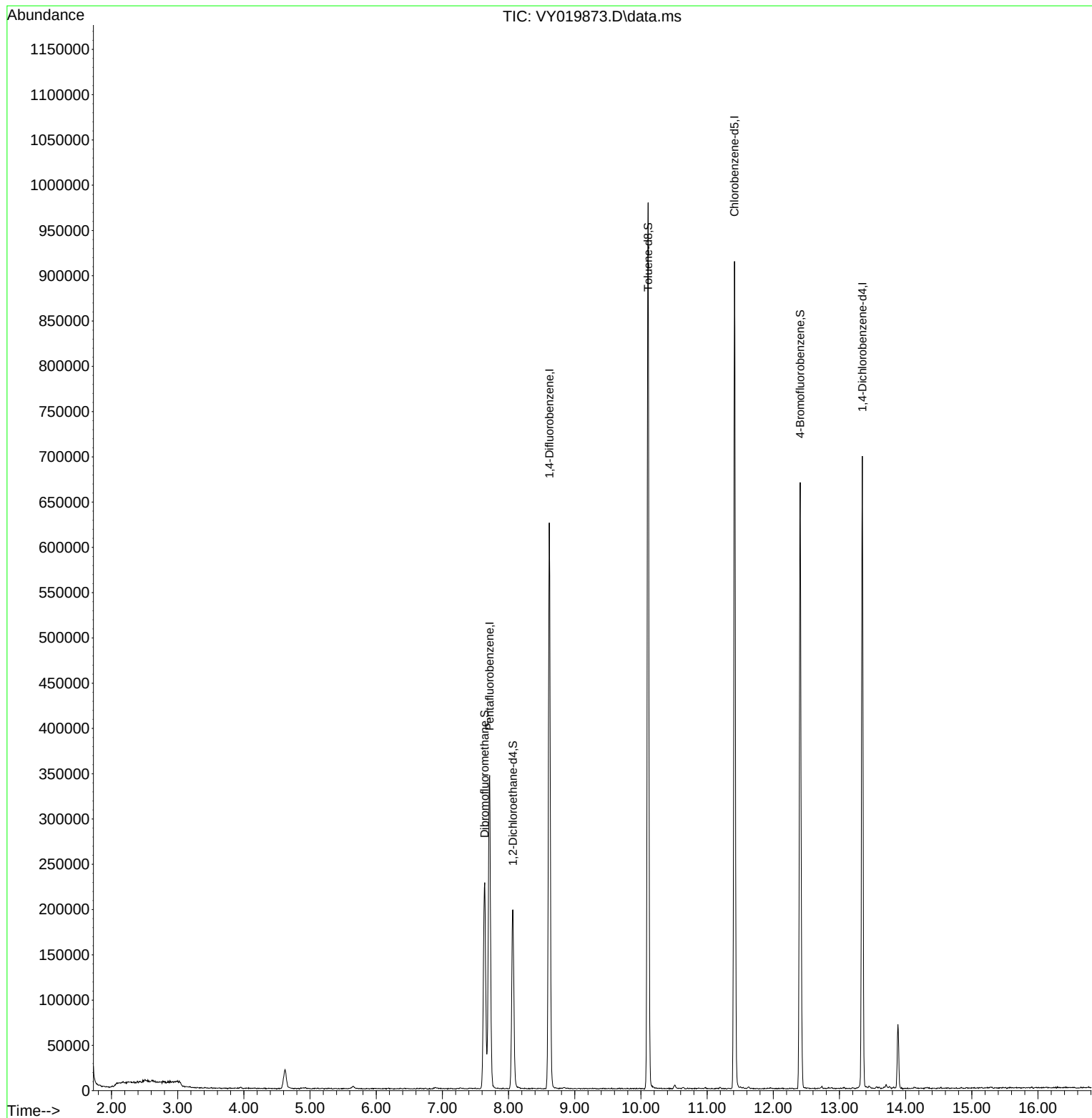
Target Compounds	Qvalue

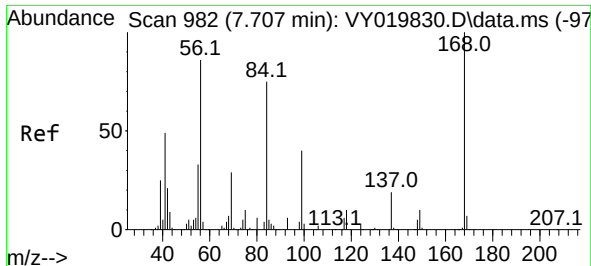
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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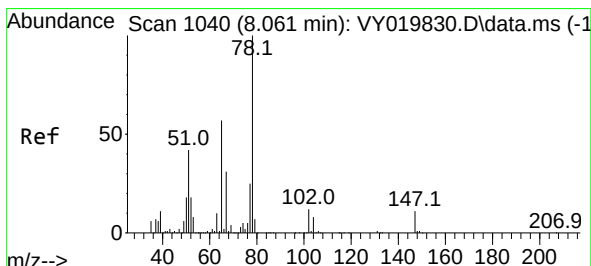
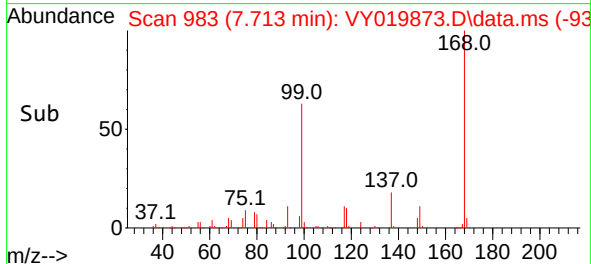
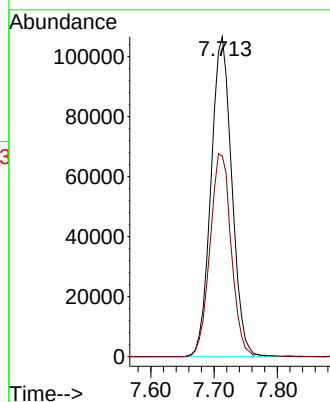
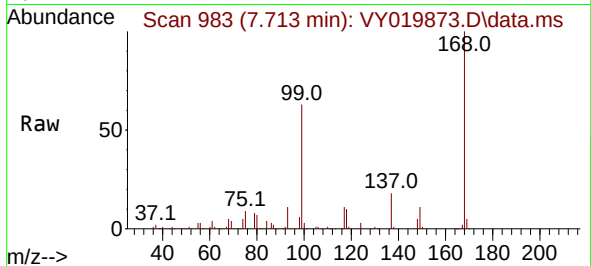




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019873.D
Acq: 11 Oct 2024 15:48

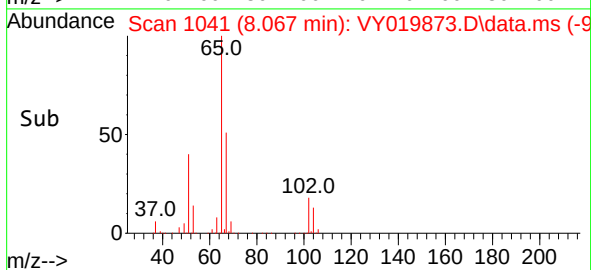
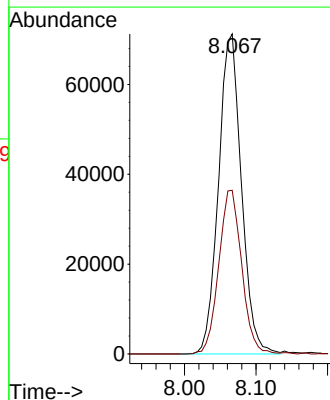
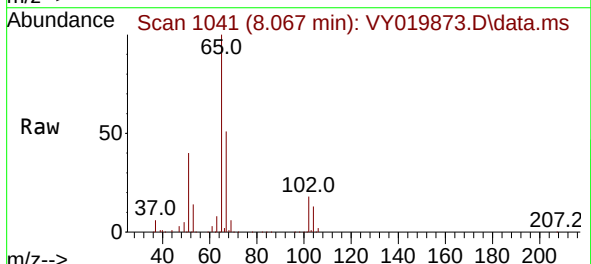
Instrument :
MSVOA_Y
ClientSampleId :
SP-4

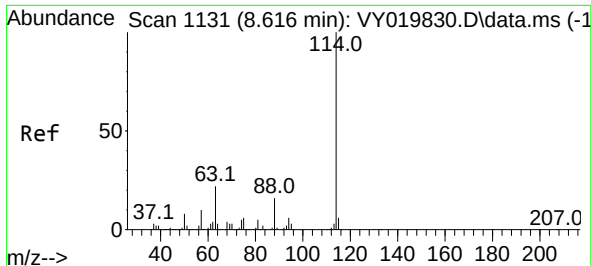
Tgt Ion:168 Resp: 244456
Ion Ratio Lower Upper
168 100
99 62.7 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 52.690 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY019873.D
Acq: 11 Oct 2024 15:48

Tgt Ion: 65 Resp: 158595
Ion Ratio Lower Upper
65 100
67 51.1 0.0 109.6

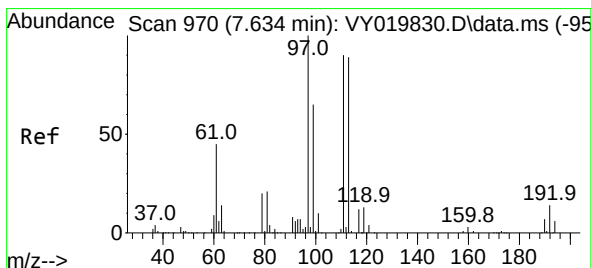
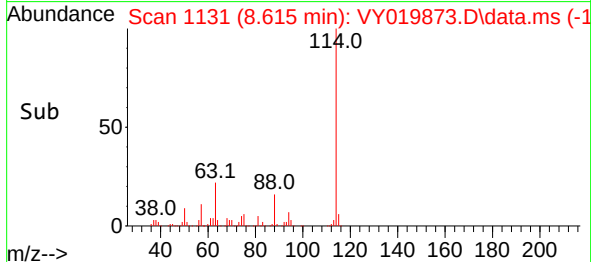
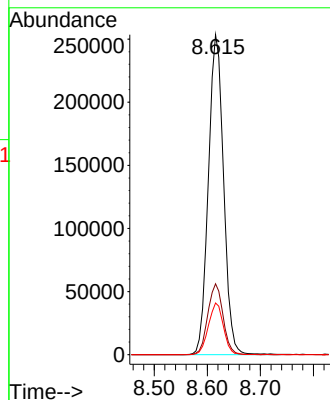
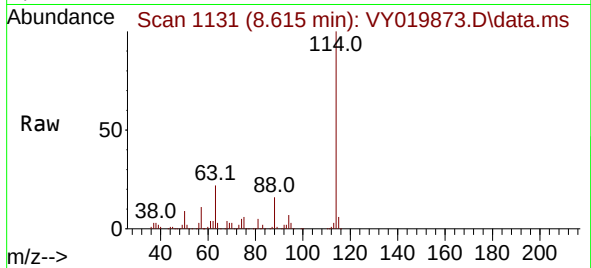




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019873.D
Acq: 11 Oct 2024 15:48

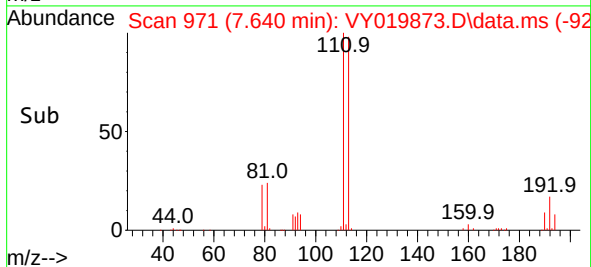
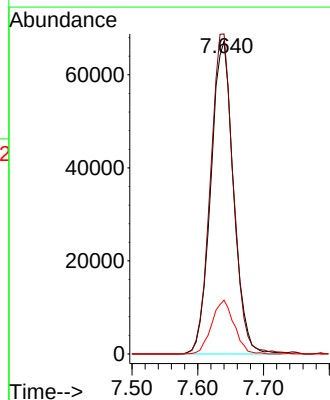
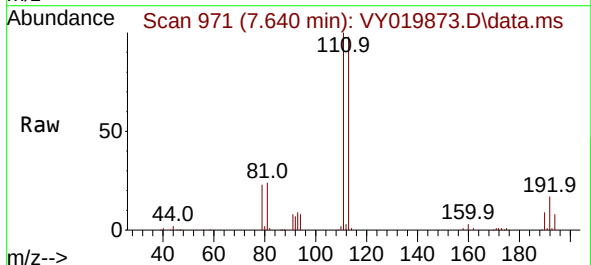
Instrument :
MSVOA_Y
ClientSampleId :
SP-4

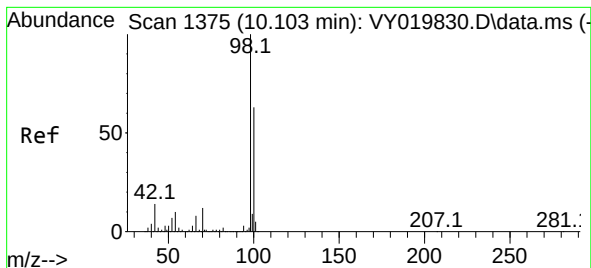
Tgt Ion:114 Resp: 504549
Ion Ratio Lower Upper
114 100
63 22.1 0.0 35.0
88 16.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.384 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY019873.D
Acq: 11 Oct 2024 15:48

Tgt Ion:113 Resp: 161093
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 17.0 15.9 23.9





#50

Toluene-d8

Concen: 49.555 ug/l

RT: 10.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019873.D

Acq: 11 Oct 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

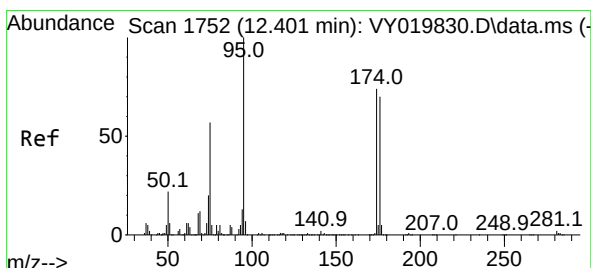
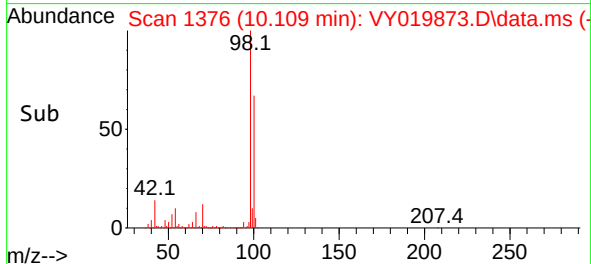
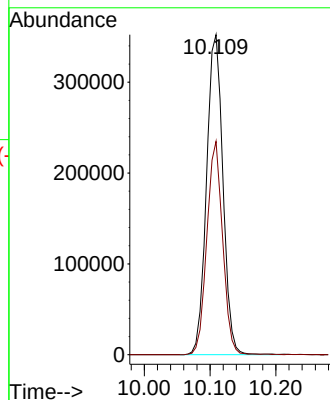
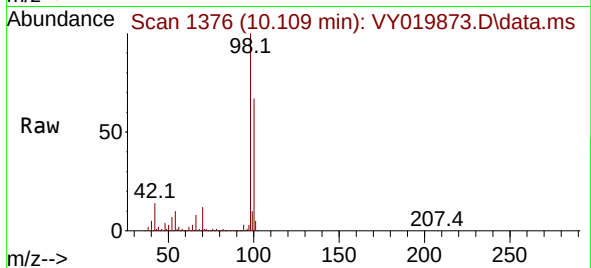
SP-4

Tgt Ion: 98 Resp: 609294

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 41.292 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY019873.D

Acq: 11 Oct 2024 15:48

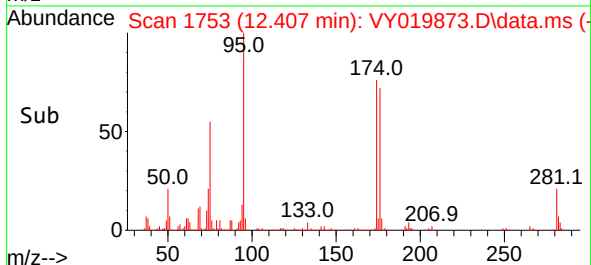
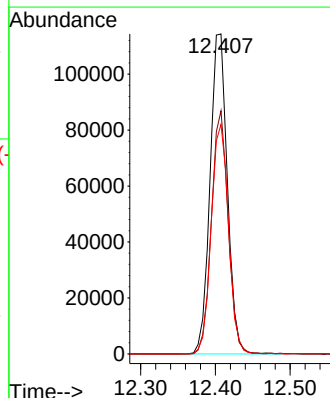
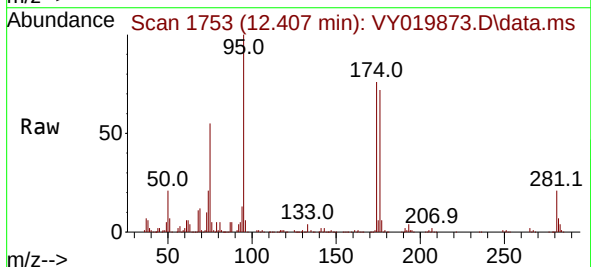
Tgt Ion: 95 Resp: 183446

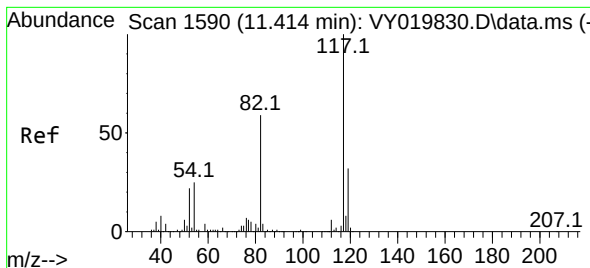
Ion Ratio Lower Upper

95 100

174 73.7 0.0 175.6

176 71.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019873.D

Acq: 11 Oct 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

SP-4

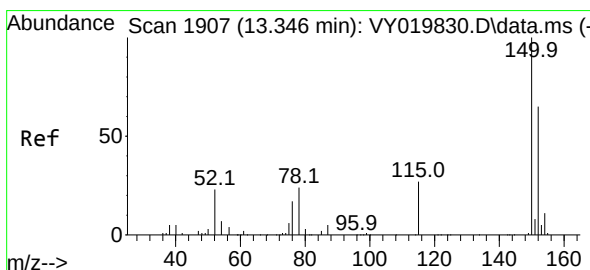
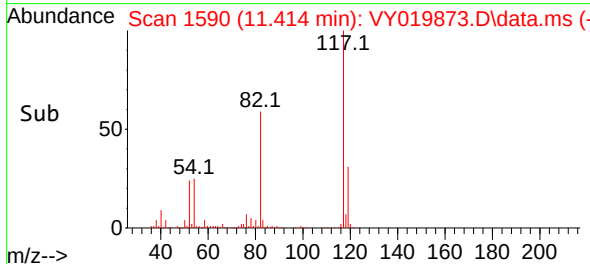
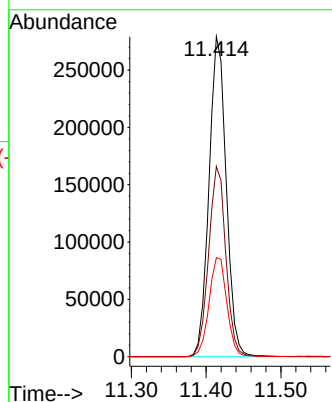
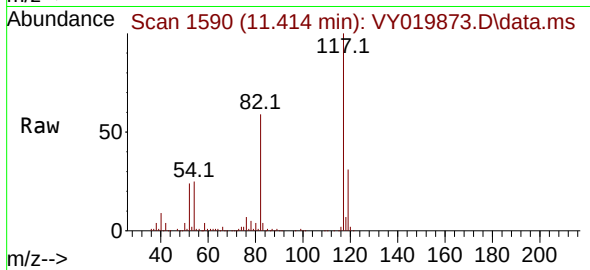
Tgt Ion:117 Resp: 447198

Ion Ratio Lower Upper

117 100

82 59.4 42.4 63.6

119 30.9 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: VY019873.D

Acq: 11 Oct 2024 15:48

Tgt Ion:152 Resp: 157772

Ion Ratio Lower Upper

152 100

115 63.2 28.2 84.7

150 157.6 0.0 345.6

