

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
 Data File : VY019961.D
 Acq On : 21 Oct 2024 14:01
 Operator : SY/MD
 Sample : P4455-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-4-101824

Quant Time: Oct 21 23:31:55 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	174610	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	358114	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	319491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	112012	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	121886	56.692	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.380%
35) Dibromofluoromethane	7.640	113	120525	51.002	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.000%
50) Toluene-d8	10.103	98	440190	50.441	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.880%
62) 4-Bromofluorobenzene	12.402	95	129564	41.089	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	82.180%

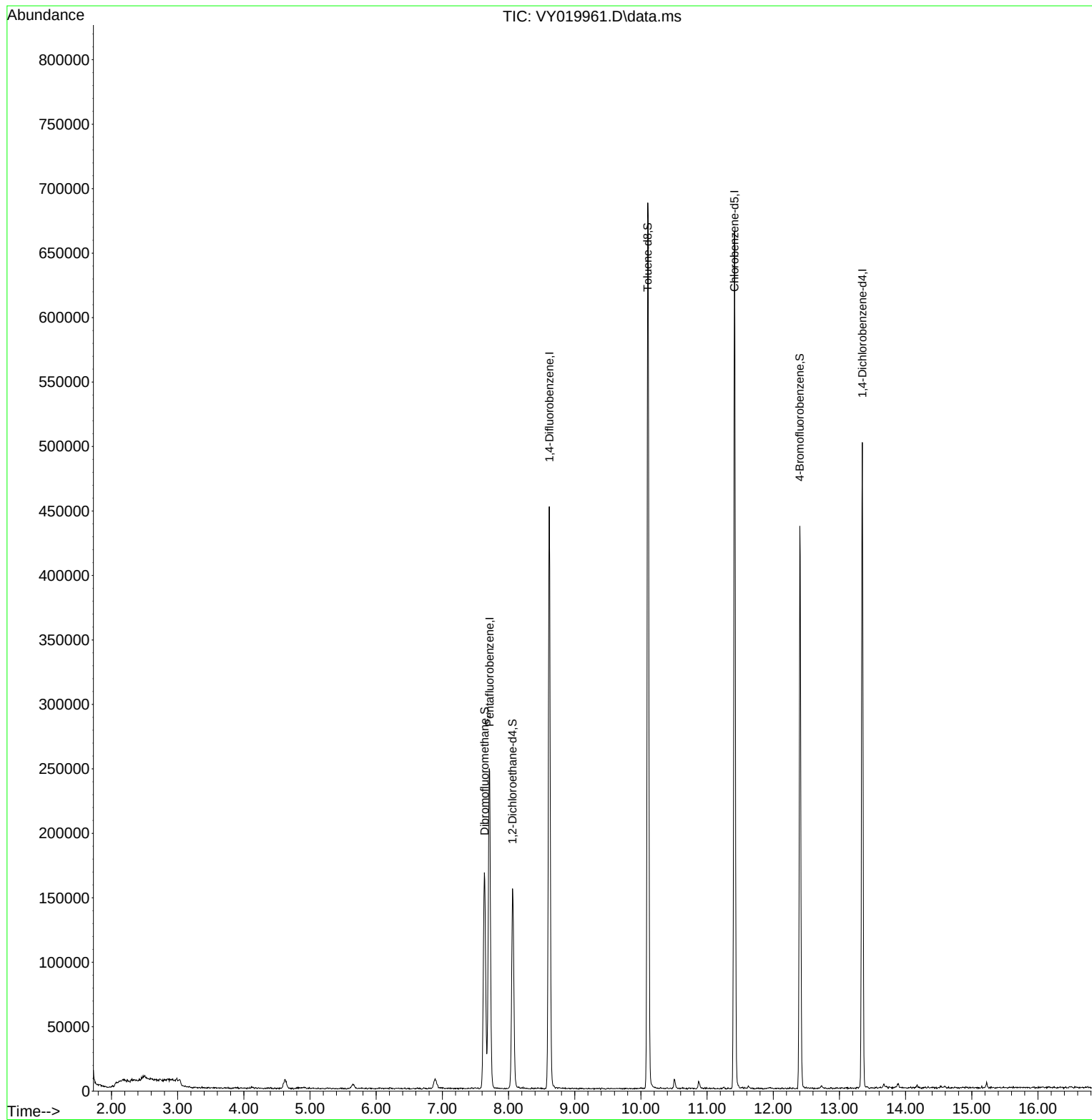
Target Compounds	Qvalue

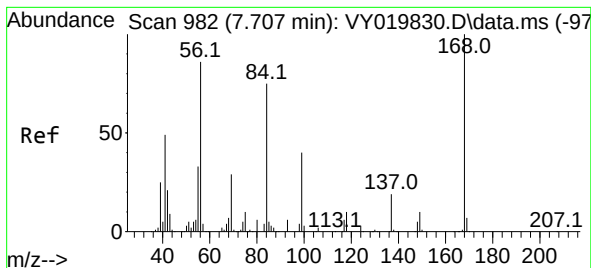
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. 0.006 min

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MSVOA_Y

ClientSampleId :

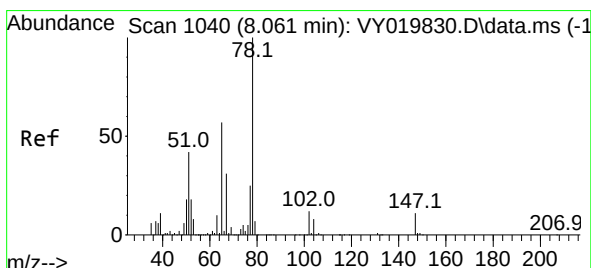
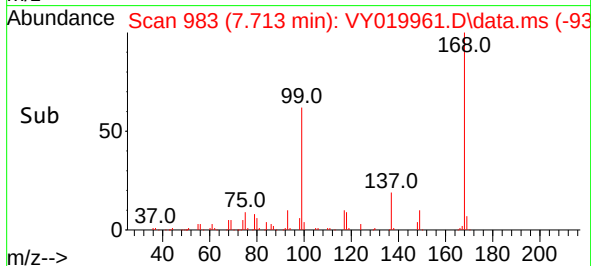
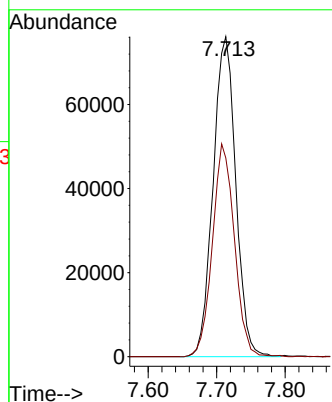
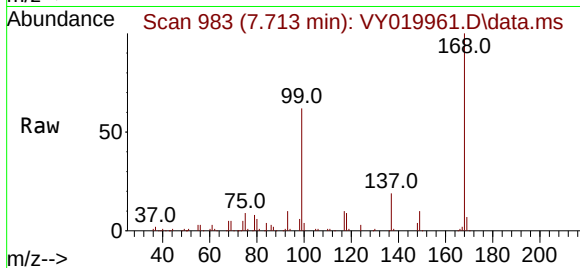
SU-4-101824

Tgt Ion:168 Resp: 174610

Ion Ratio Lower Upper

168 100

99 62.1 39.1 58.7#



#33

1,2-Dichloroethane-d4

Concen: 56.692 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019961.D

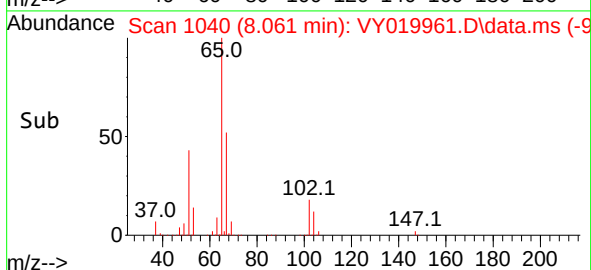
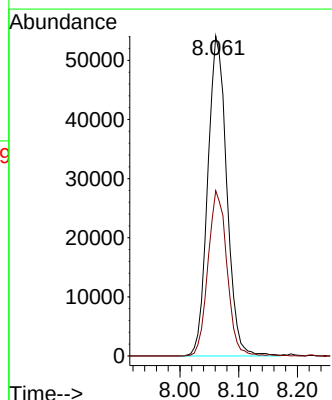
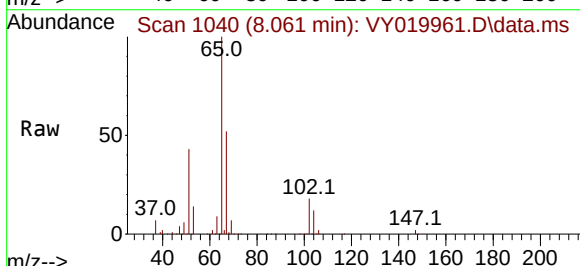
Acq: 21 Oct 2024 14:01

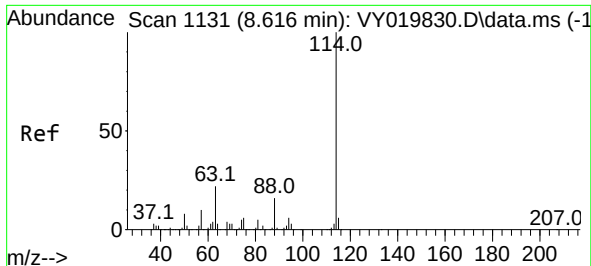
Tgt Ion: 65 Resp: 121886

Ion Ratio Lower Upper

65 100

67 51.3 0.0 109.6

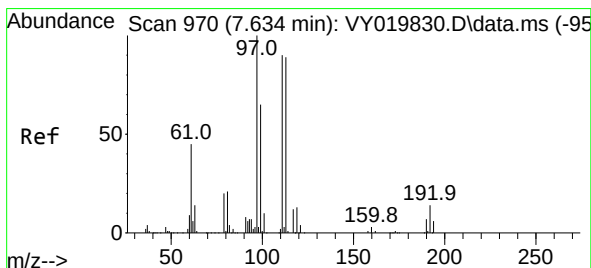
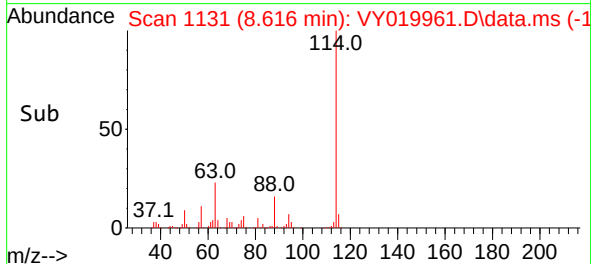
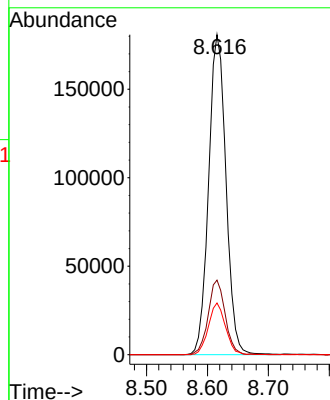
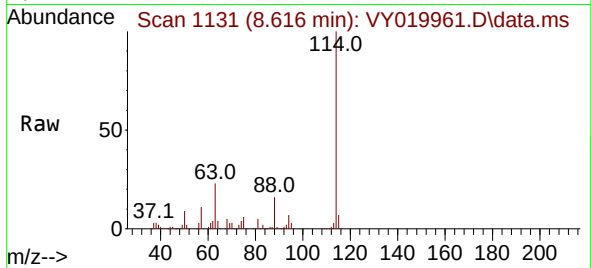




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019961.D
Acq: 21 Oct 2024 14:01

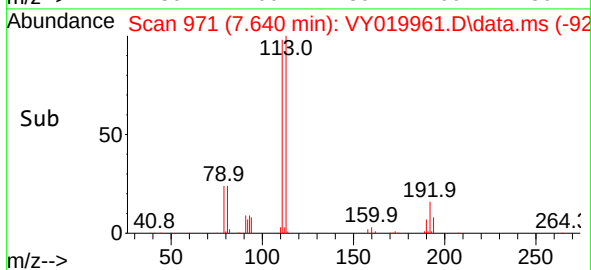
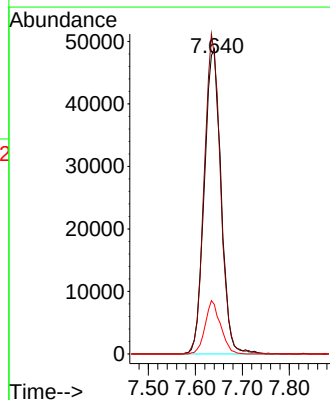
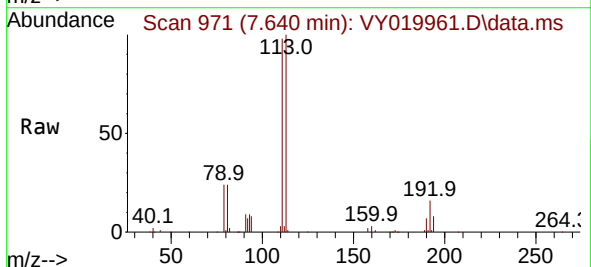
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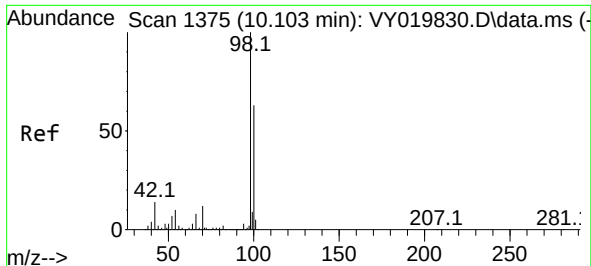
Tgt Ion:114 Resp: 358114
Ion Ratio Lower Upper
114 100
63 23.3 0.0 35.0
88 16.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.002 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY019961.D
Acq: 21 Oct 2024 14:01

Tgt Ion:113 Resp: 120525
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 16.1 15.9 23.9

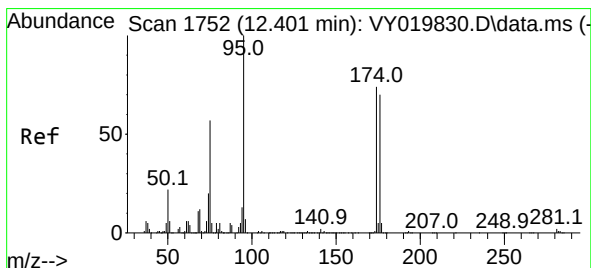
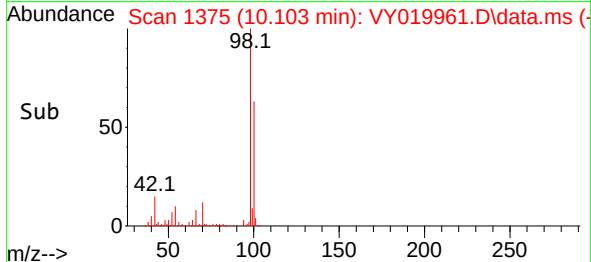
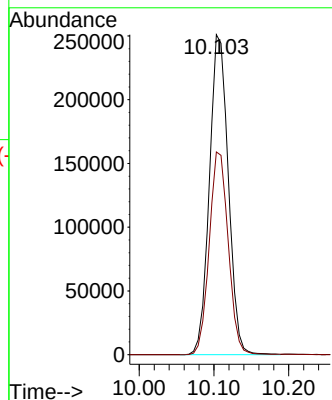
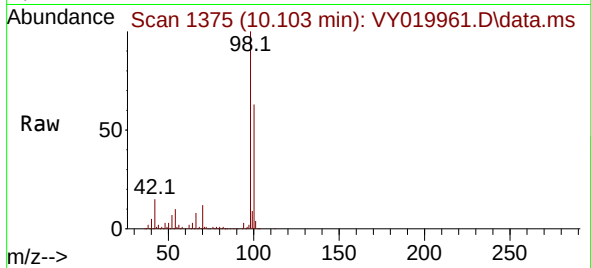




#50
Toluene-d8
Concen: 50.441 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019961.D
Acq: 21 Oct 2024 14:01

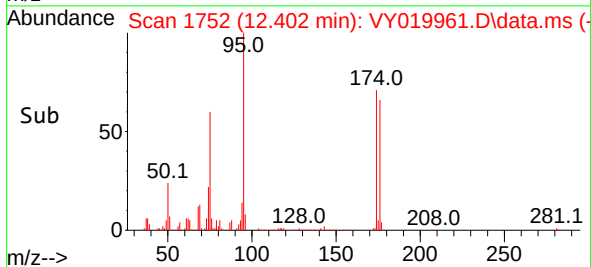
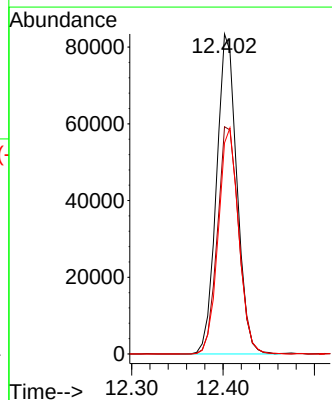
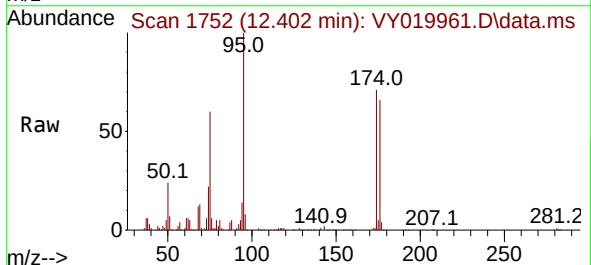
Instrument :
MSVOA_Y
ClientSampleId :
SU-4-101824

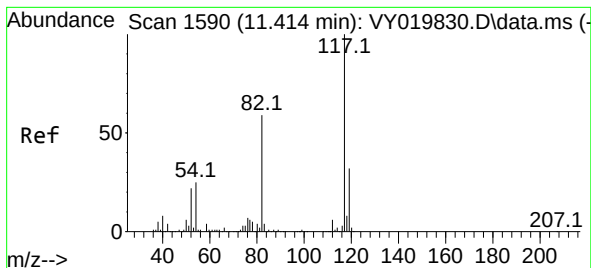
Tgt Ion: 98 Resp: 440190
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.089 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019961.D
Acq: 21 Oct 2024 14:01

Tgt Ion: 95 Resp: 129564
Ion Ratio Lower Upper
95 100
174 73.7 0.0 175.6
176 70.6 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: VY019961.D

Acq: 21 Oct 2024 14:01

Instrument :

MSVOA_Y

ClientSampleId :

SU-4-101824

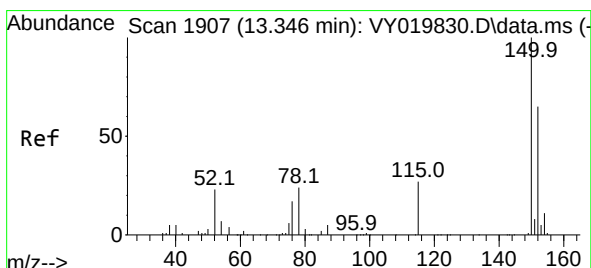
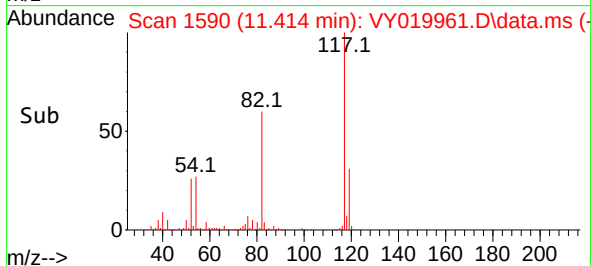
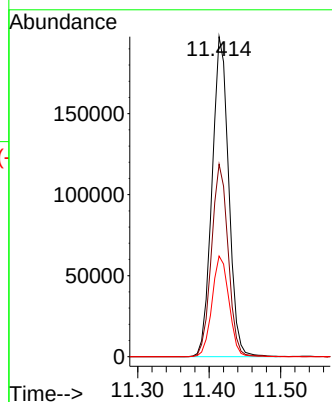
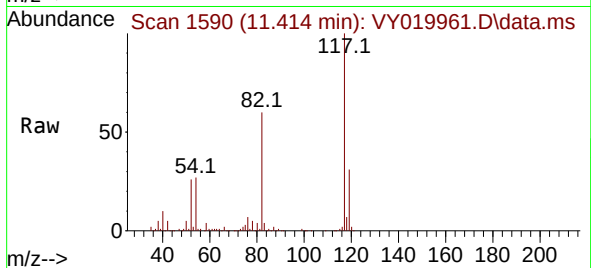
Tgt Ion:117 Resp: 319491

Ion Ratio Lower Upper

117 100

82 60.1 42.4 63.6

119 31.5 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: VY019961.D

Acq: 21 Oct 2024 14:01

Tgt Ion:152 Resp: 112012

Ion Ratio Lower Upper

152 100

115 62.3 28.2 84.7

150 158.4 0.0 345.6

