

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
 Data File : VY021352.D
 Acq On : 27 Feb 2025 12:51
 Operator : SY/MD
 Sample : Q1416-01RE
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-022425RE

Quant Time: Feb 27 13:06:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	38367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	55885	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	41878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	14308	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	18868	43.351	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.700%
35) Dibromofluoromethane	7.628	113	19191	52.379	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.760%
50) Toluene-d8	10.103	98	63785	45.046	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.100%
62) 4-Bromofluorobenzene	12.408	95	15405	32.327	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	64.660%

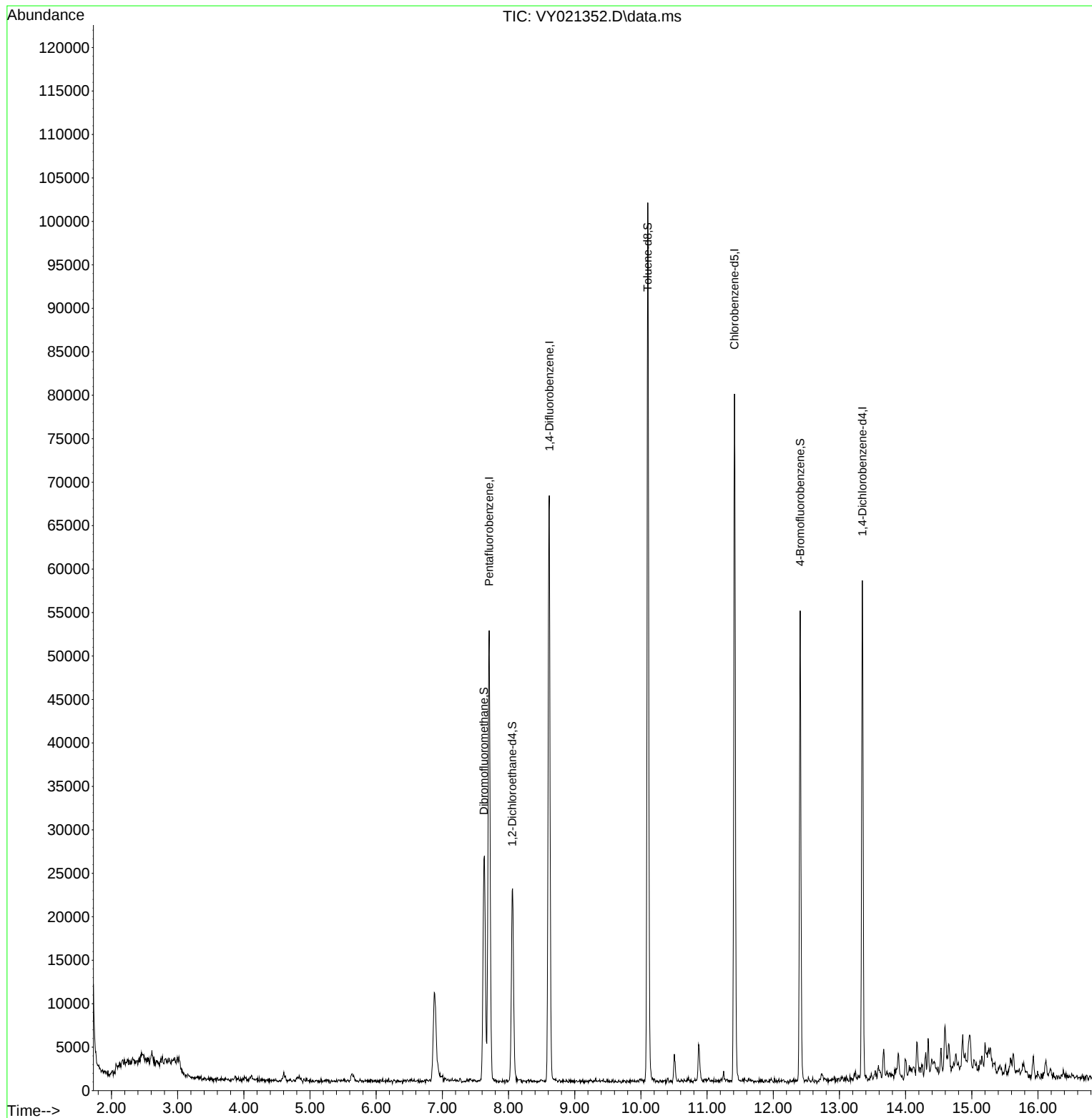
Target Compounds	Qvalue

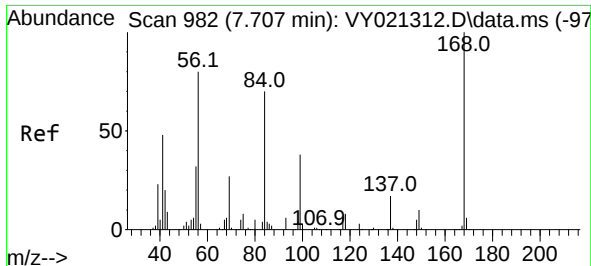
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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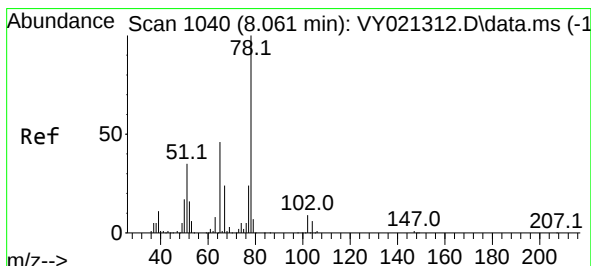
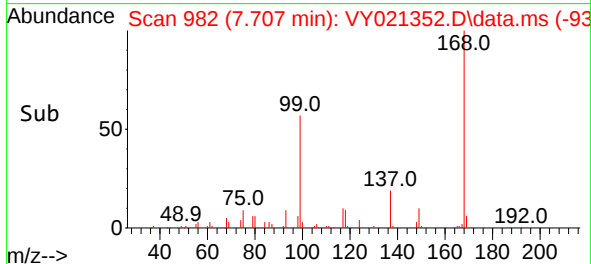
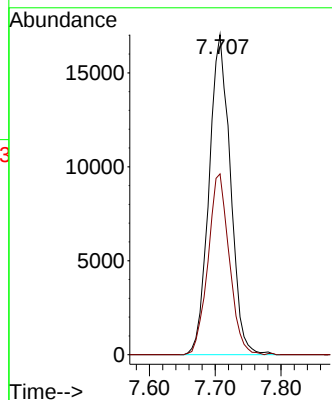
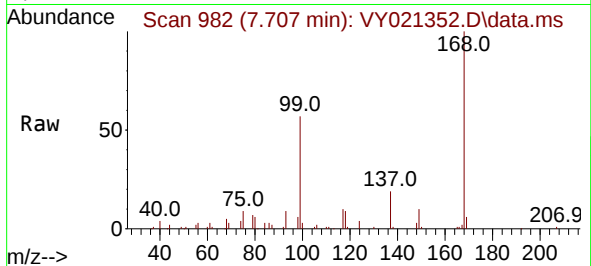




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021352.D
Acq: 27 Feb 2025 12:51

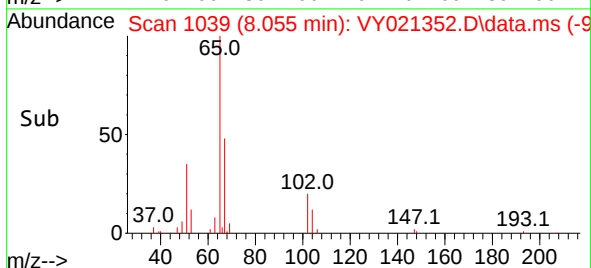
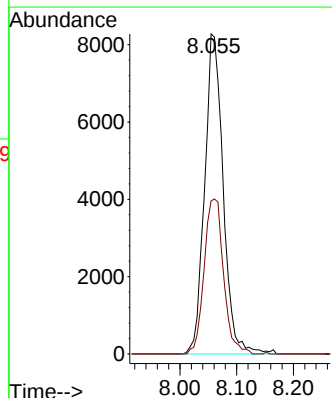
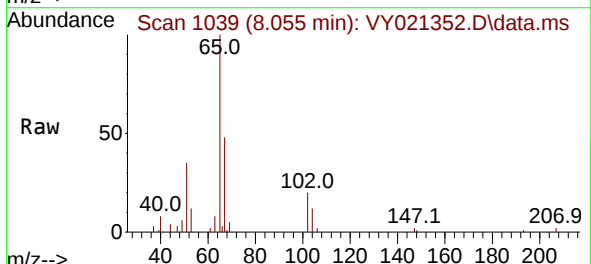
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-022425RE

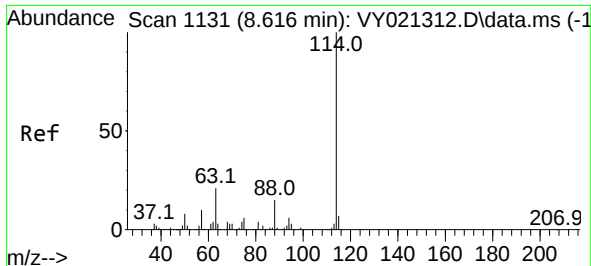
Tgt Ion:168 Resp: 38367
Ion Ratio Lower Upper
168 100
99 56.5 47.1 70.7



#33
1,2-Dichloroethane-d4
Concen: 43.351 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY021352.D
Acq: 27 Feb 2025 12:51

Tgt Ion: 65 Resp: 18868
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.6

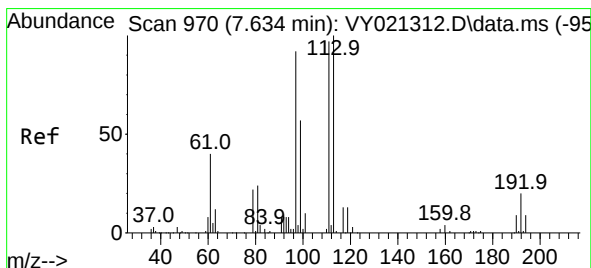
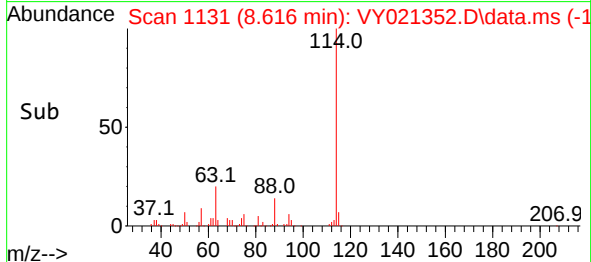
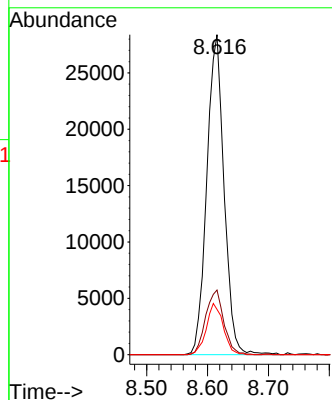
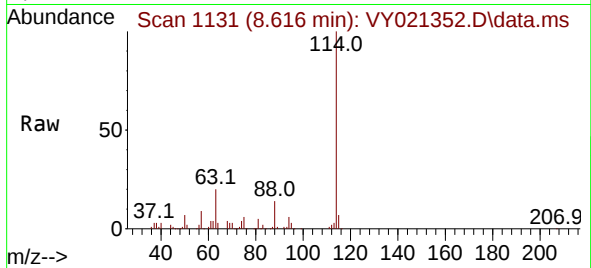




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021352.D
Acq: 27 Feb 2025 12:51

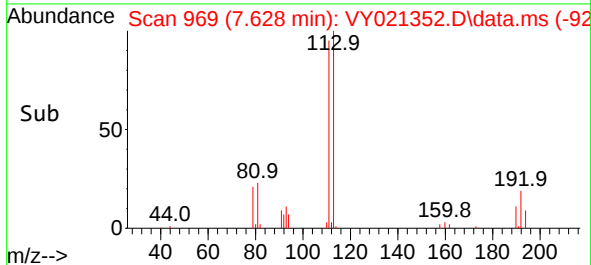
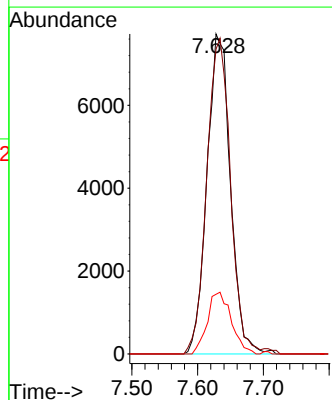
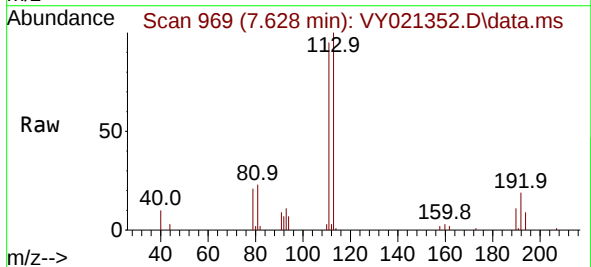
Instrument :
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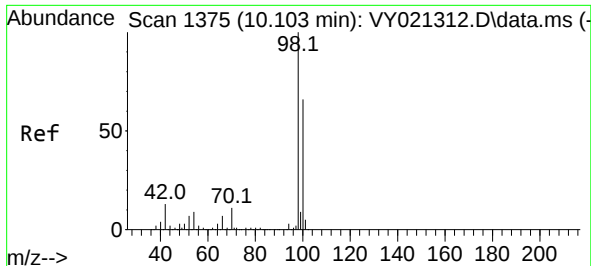
Tgt Ion:	114	Resp:	55885
Ion Ratio	Lower	Upper	
114	100		
63	20.2	0.0	42.2
88	14.1	0.0	29.8



#35
Dibromofluoromethane
Concen: 52.379 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY021352.D
Acq: 27 Feb 2025 12:51

Tgt Ion:	113	Resp:	19191
Ion Ratio	Lower	Upper	
113	100		
111	100.2	81.0	121.6
192	19.7	15.8	23.8

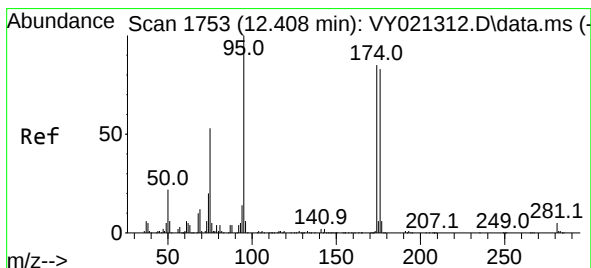
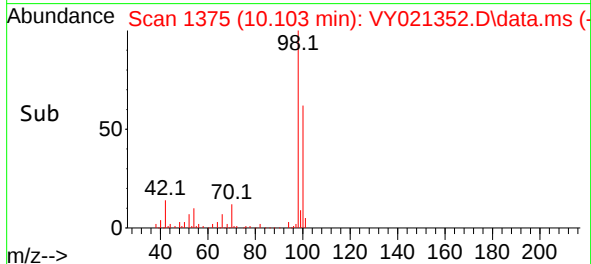
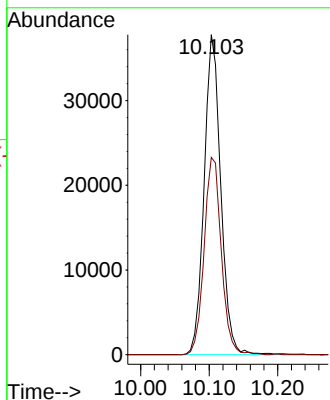
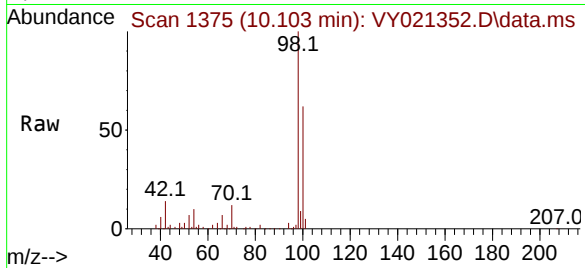




#50
Toluene-d8
Concen: 45.046 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021352.D
Acq: 27 Feb 2025 12:51

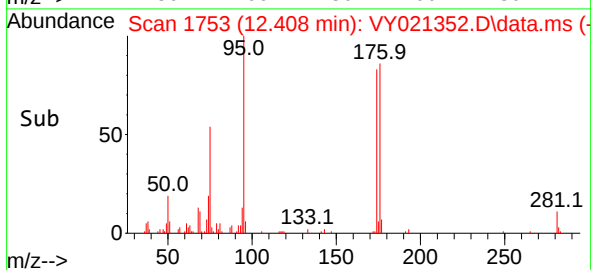
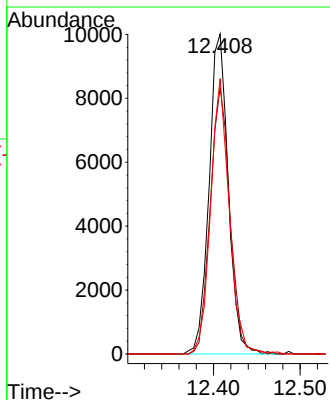
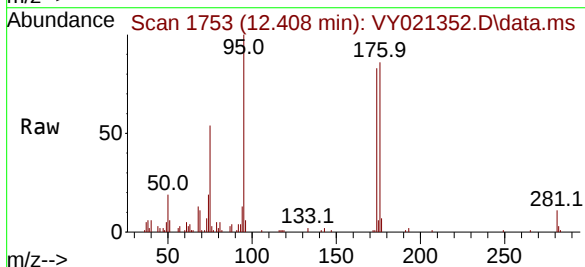
Instrument :
MSVOA_Y
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OK-01-022425RE

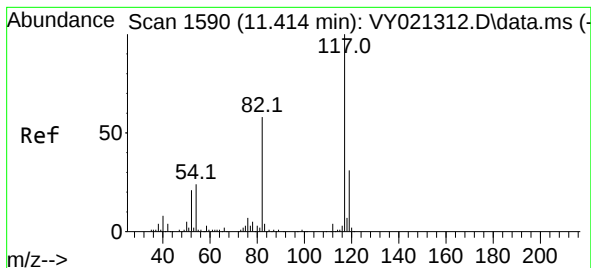
Tgt Ion: 98 Resp: 63785
Ion Ratio Lower Upper
98 100
100 63.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 32.327 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021352.D
Acq: 27 Feb 2025 12:51

Tgt Ion: 95 Resp: 15405
Ion Ratio Lower Upper
95 100
174 85.9 0.0 168.0
176 83.8 0.0 162.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021352.D

Acq: 27 Feb 2025 12:51

Instrument :

MSVOA_Y

ClientSampleId :

OK-01-022425RE

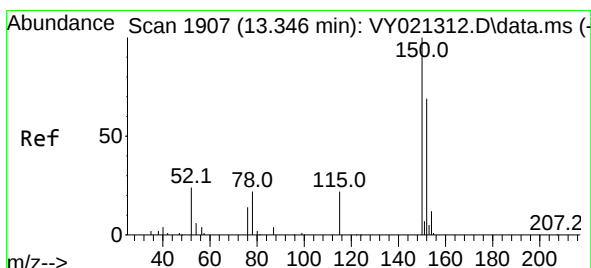
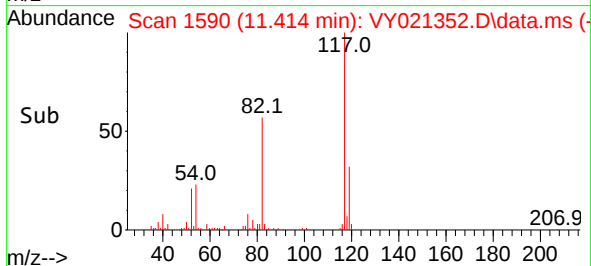
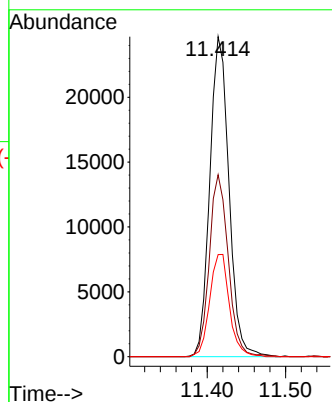
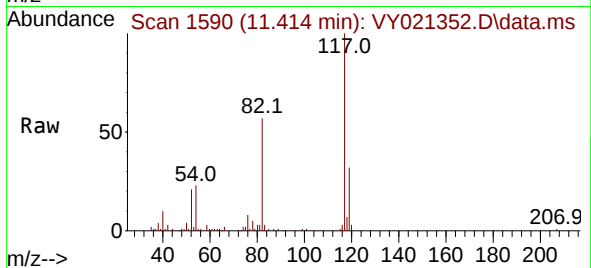
Tgt Ion:117 Resp: 41878

Ion Ratio Lower Upper

117 100

82 56.9 46.2 69.4

119 31.9 24.9 37.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021352.D

Acq: 27 Feb 2025 12:51

Tgt Ion:152 Resp: 14308

Ion Ratio Lower Upper

152 100

115 58.1 29.3 88.0

150 156.1 0.0 347.4

