

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022025\
 Data File : VY021270.D
 Acq On : 20 Feb 2025 23:20
 Operator : SY/MD
 Sample : Q1388-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-12016

Quant Time: Feb 21 02:49:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	16542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	24743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	20324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	4638	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	8834	52.122	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.240%
35) Dibromofluoromethane	7.646	113	8508	53.655	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.300%
50) Toluene-d8	10.115	98	29154	48.293	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.580%
62) 4-Bromofluorobenzene	12.414	95	6596	33.445	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	66.880%

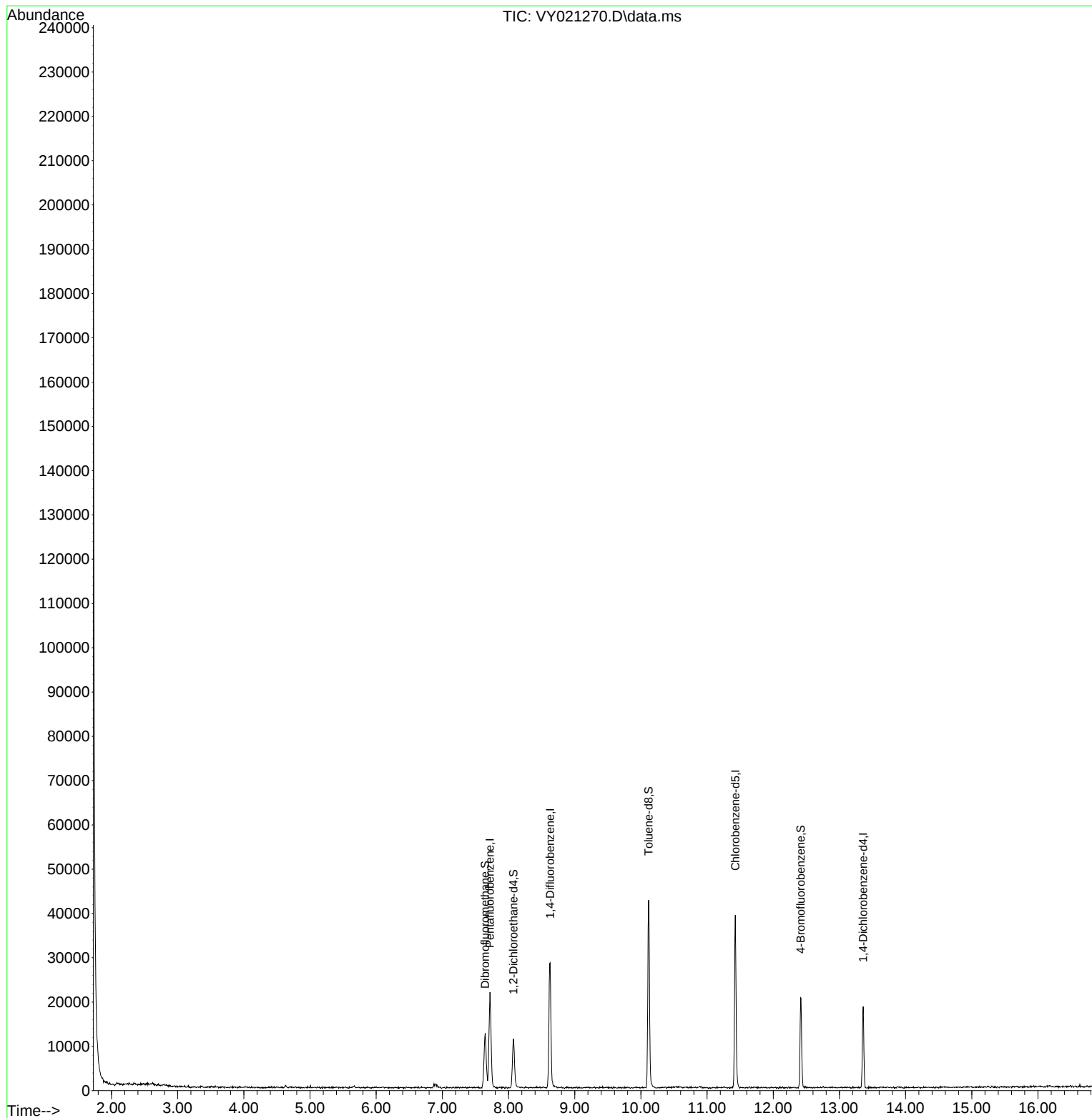
Target Compounds	Qvalue

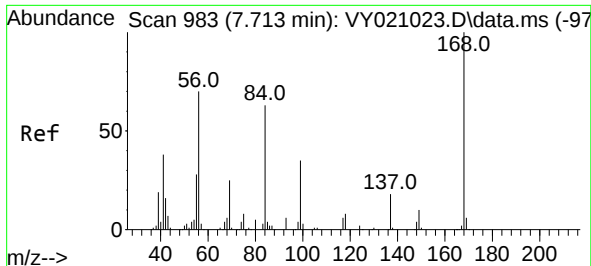
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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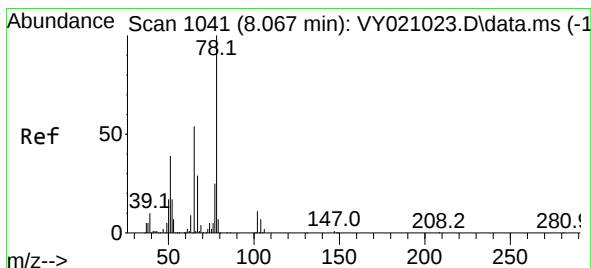
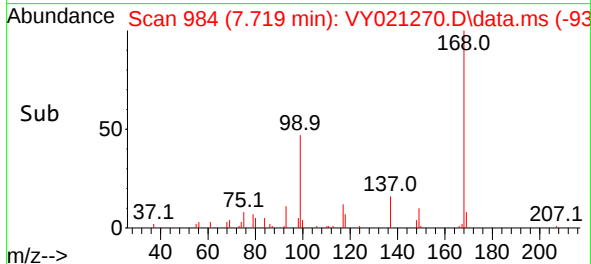
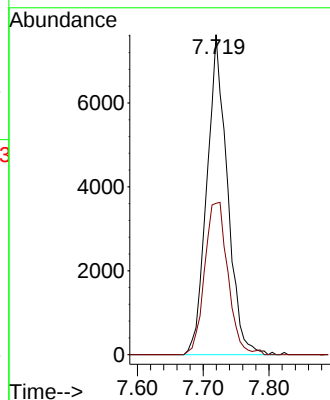
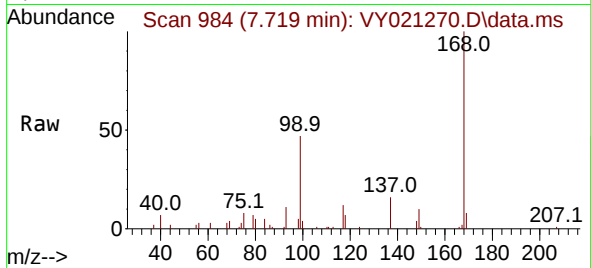




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021270.D
Acq: 20 Feb 2025 23:20

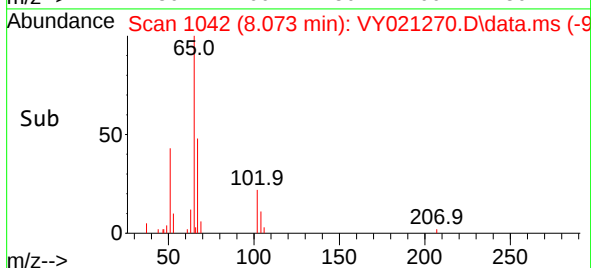
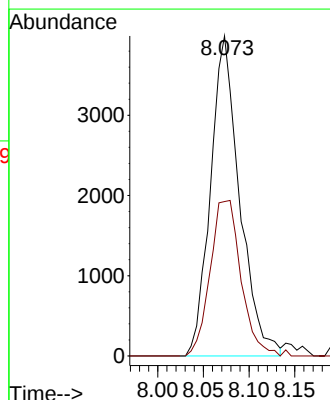
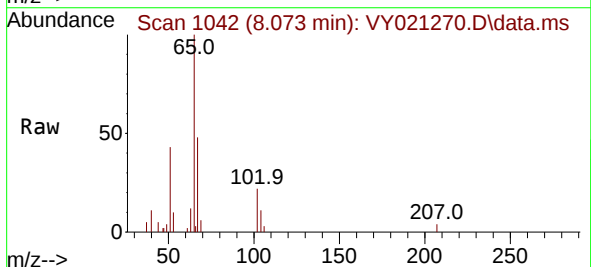
Instrument :
MSVOA_Y
ClientSampleId :
72-12016

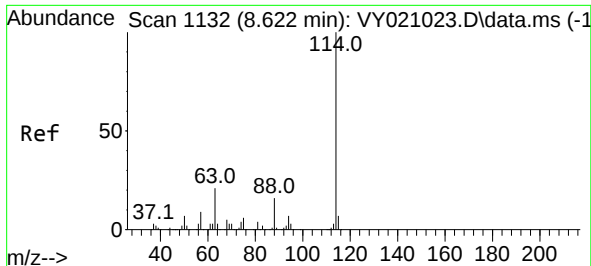
Tgt Ion:168 Resp: 16542
Ion Ratio Lower Upper
168 100
99 47.3 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 52.122 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY021270.D
Acq: 20 Feb 2025 23:20

Tgt Ion: 65 Resp: 8834
Ion Ratio Lower Upper
65 100
67 51.7 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY021270.D

Acq: 20 Feb 2025 23:20

Instrument :

MSVOA_Y

ClientSampleId :

72-12016

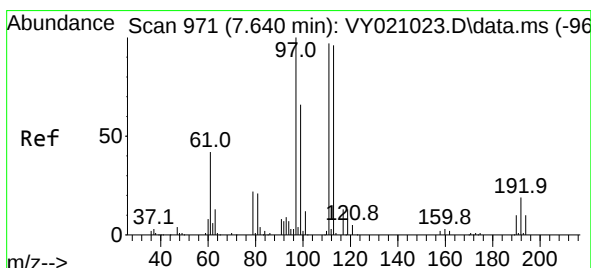
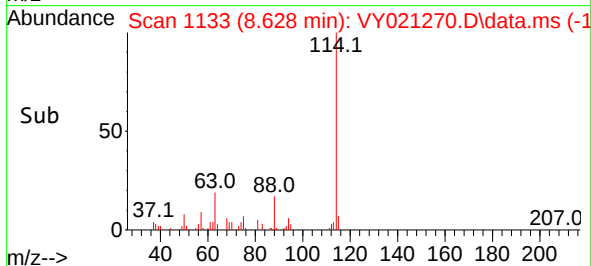
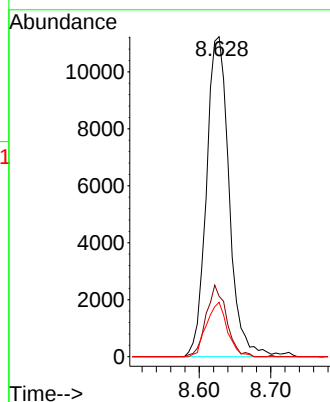
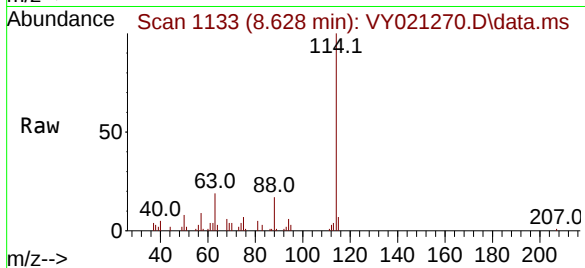
Tgt Ion:114 Resp: 24743

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 17.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 53.655 ug/l

RT: 7.646 min Scan# 972

Delta R.T. 0.006 min

Lab File: VY021270.D

Acq: 20 Feb 2025 23:20

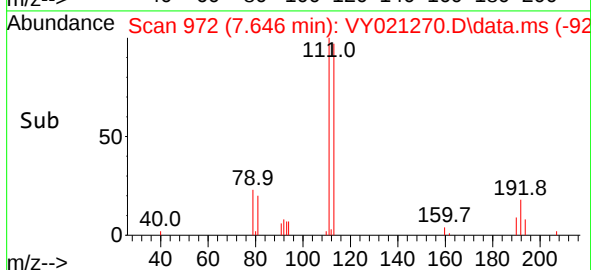
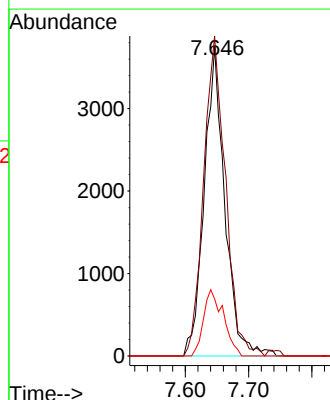
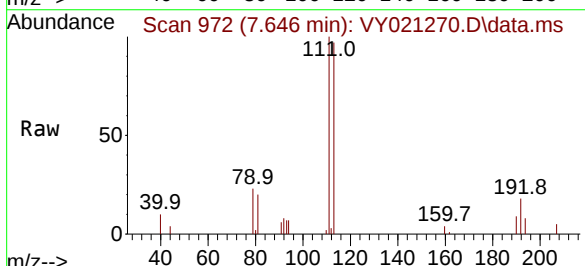
Tgt Ion:113 Resp: 8508

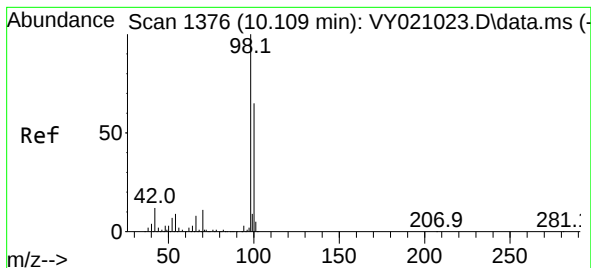
Ion Ratio Lower Upper

113 100

111 109.1 83.8 125.6

192 20.7 14.5 21.7





#50

Toluene-d8

Concen: 48.293 ug/l

RT: 10.115 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021270.D

Acq: 20 Feb 2025 23:20

Instrument :

MSVOA_Y

ClientSampleId :

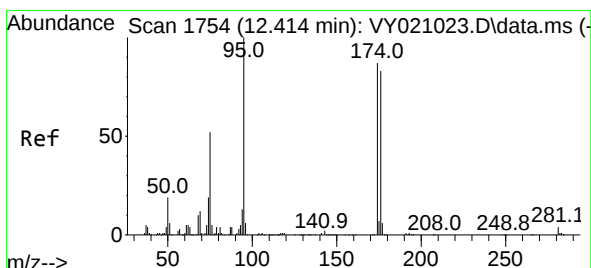
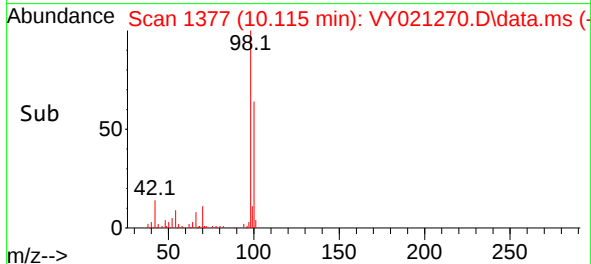
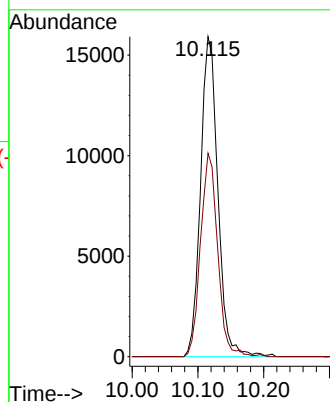
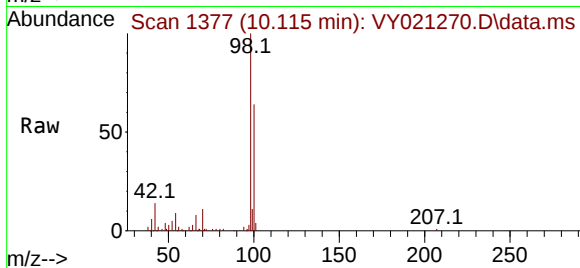
72-12016

Tgt Ion: 98 Resp: 29154

Ion Ratio Lower Upper

98 100

100 62.7 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 33.445 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.000 min

Lab File: VY021270.D

Acq: 20 Feb 2025 23:20

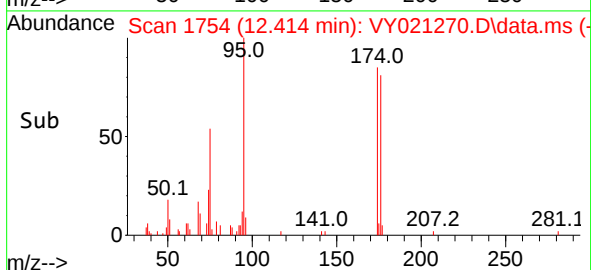
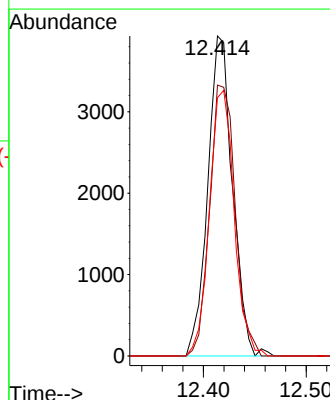
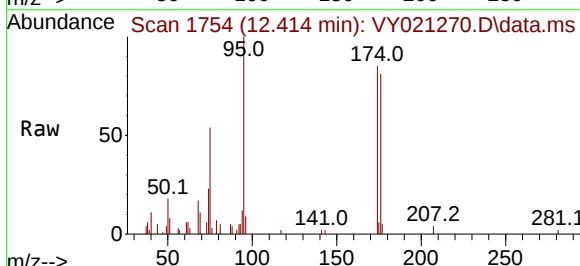
Tgt Ion: 95 Resp: 6596

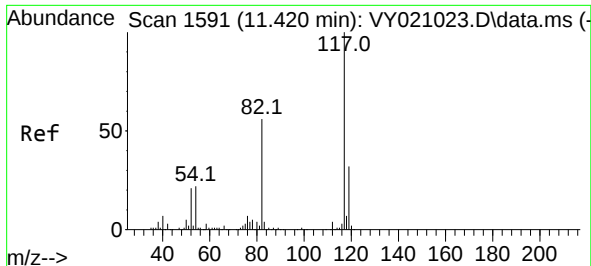
Ion Ratio Lower Upper

95 100

174 86.8 0.0 160.0

176 82.7 0.0 151.8

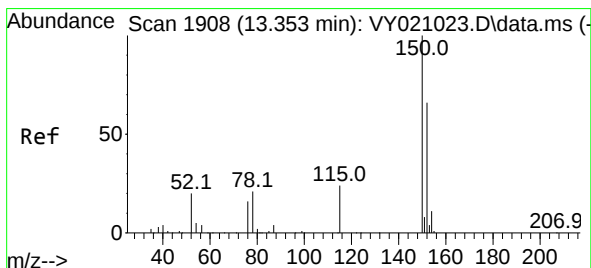
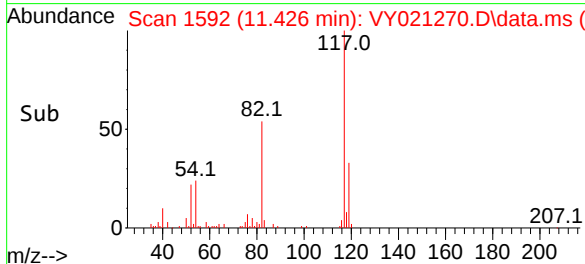
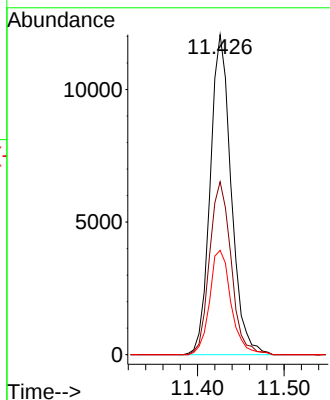
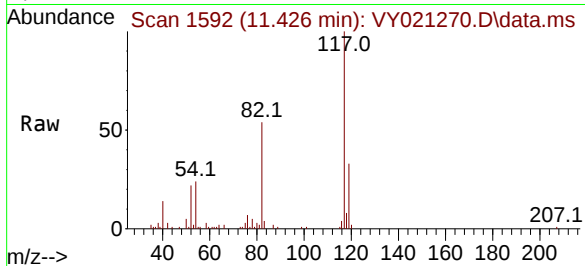




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021270.D
Acq: 20 Feb 2025 23:20

Instrument :
MSVOA_Y
ClientSampleId :
72-12016

Tgt Ion:	117	Resp:	20324
Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.8	65.8
119	32.6	26.5	39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY021270.D
Acq: 20 Feb 2025 23:20

Tgt Ion:	152	Resp:	4638
Ion	Ratio	Lower	Upper
152	100		
115	60.4	30.0	90.0
150	159.2	0.0	344.6

