

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031225\
 Data File : VY021512.D
 Acq On : 12 Mar 2025 16:20
 Operator : SY/MD
 Sample : Q1524-01
 Misc : 5.06g/5.6mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11930-343-COMP

Quant Time: Mar 13 01:38:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	28826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	36326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	22171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	4569	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	10535	34.578	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	69.160%
35) Dibromofluoromethane	7.628	113	11681	48.920	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.840%
50) Toluene-d8	10.109	98	40068	44.319	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.640%
62) 4-Bromofluorobenzene	12.408	95	6099	19.832	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	39.660%

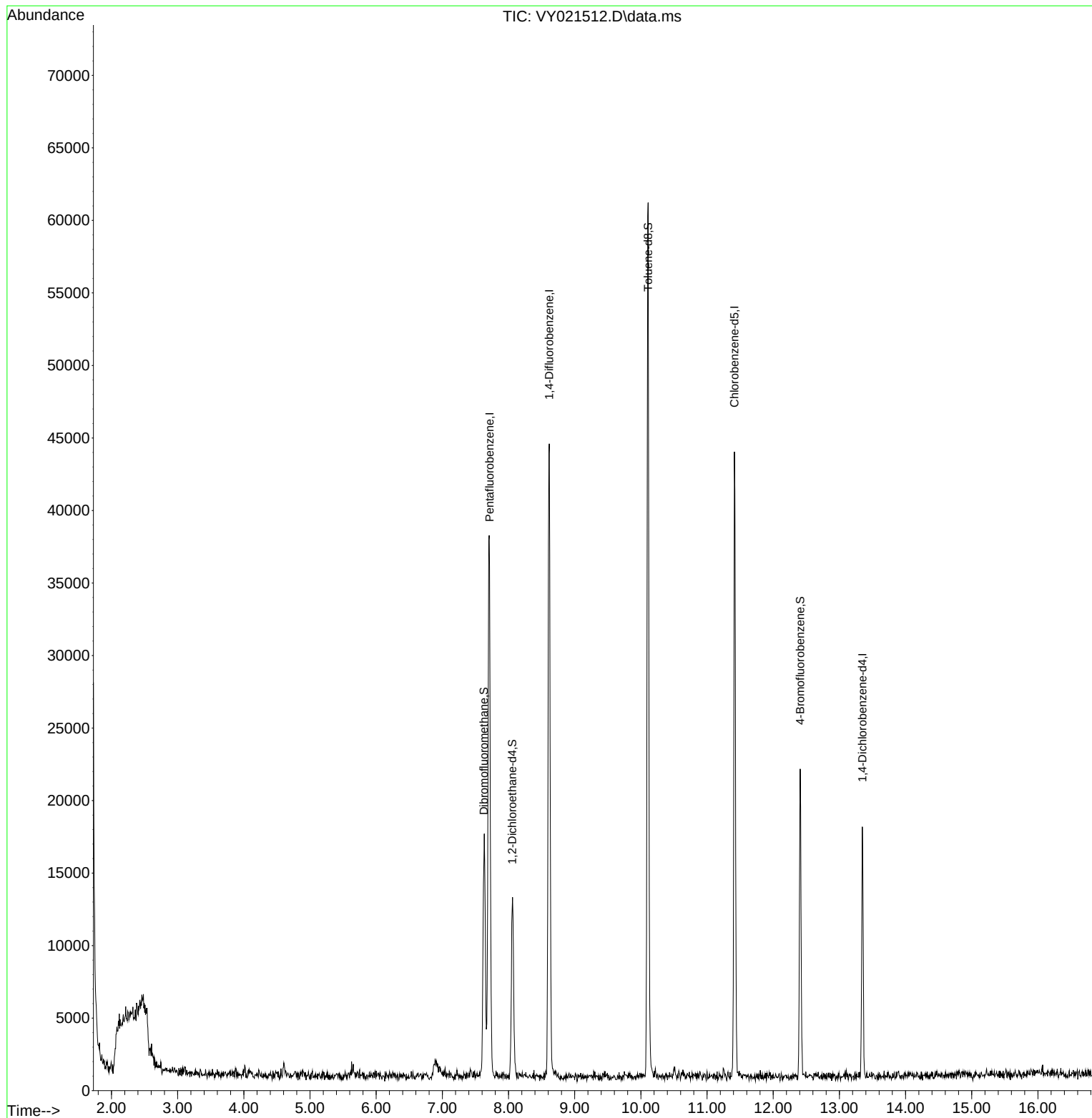
Target Compounds	Qvalue

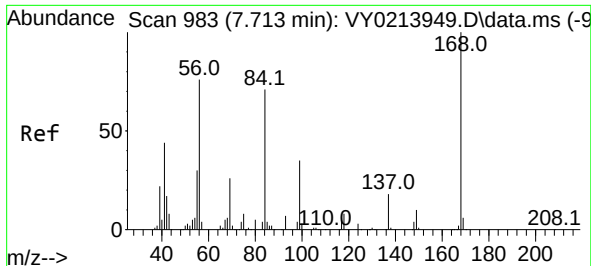
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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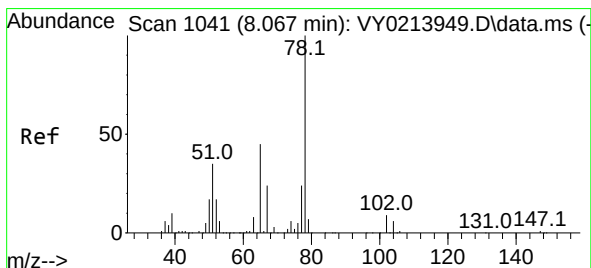
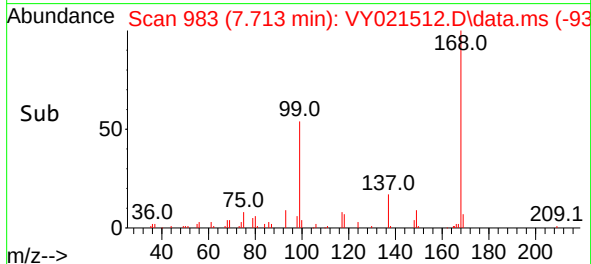
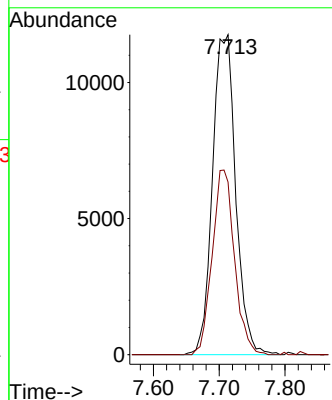
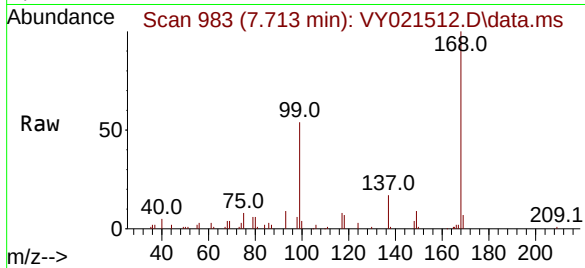




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021512.D
Acq: 12 Mar 2025 16:20

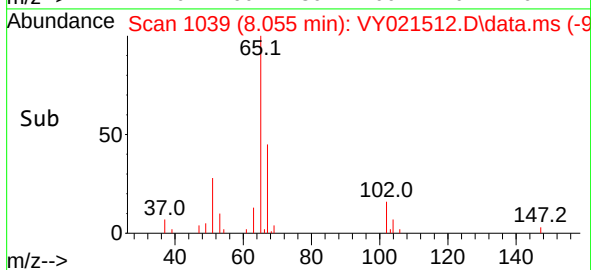
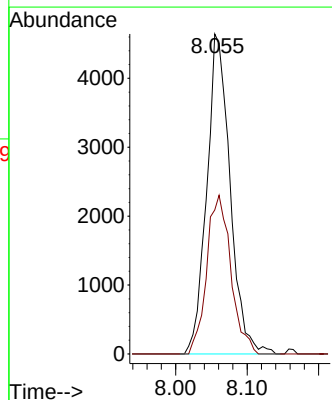
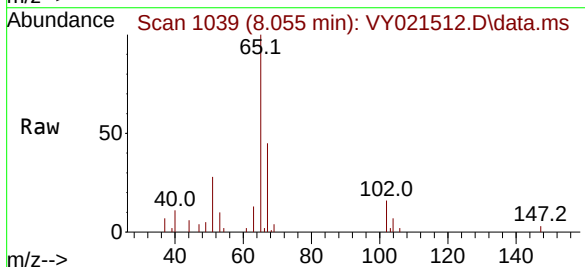
Instrument :
MSVOA_Y
ClientSampleId :
72-11930-343-COMP

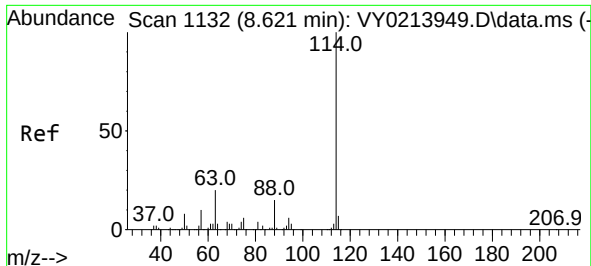
Tgt Ion:168 Resp: 28826
Ion Ratio Lower Upper
168 100
99 53.9 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 34.578 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.012 min
Lab File: VY021512.D
Acq: 12 Mar 2025 16:20

Tgt Ion: 65 Resp: 10535
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.8

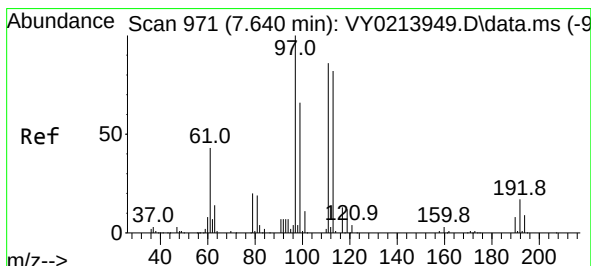
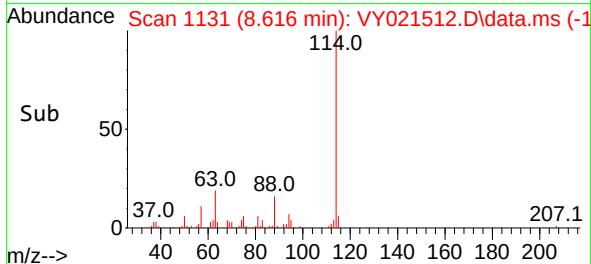
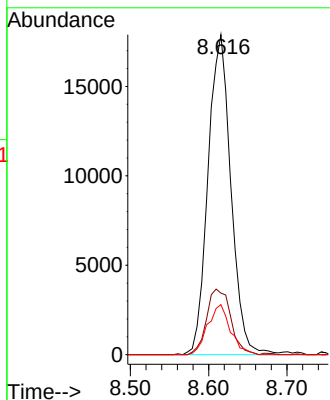
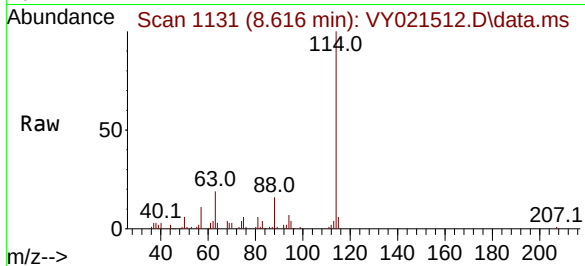




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021512.D
Acq: 12 Mar 2025 16:20

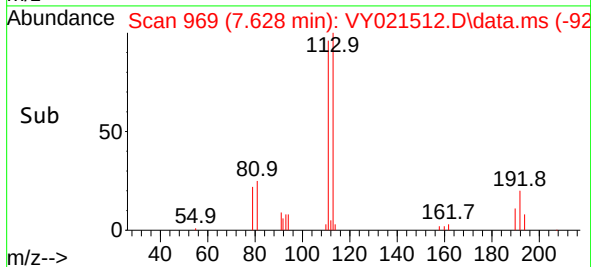
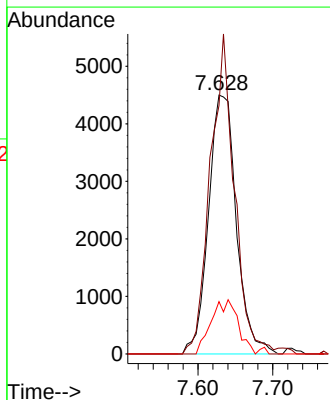
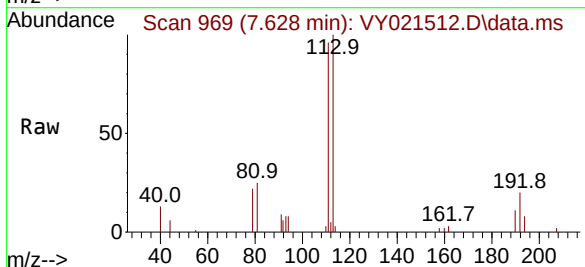
Instrument :
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72-11930-343-COMP

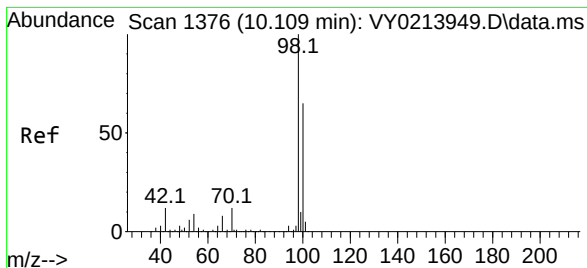
Tgt Ion:	114	Resp:	36326
Ion Ratio	Lower	Upper	
114	100		
63	19.3	0.0	40.8
88	15.6	0.0	30.8



#35
Dibromofluoromethane
Concen: 48.920 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.012 min
Lab File: VY021512.D
Acq: 12 Mar 2025 16:20

Tgt Ion:	113	Resp:	11681
Ion Ratio	Lower	Upper	
113	100		
111	107.0	82.0	123.0
192	20.1	15.9	23.9





#50

Toluene-d8

Concen: 44.319 ug/l

RT: 10.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021512.D

Acq: 12 Mar 2025 16:20

Instrument :

MSVOA_Y

ClientSampleId :

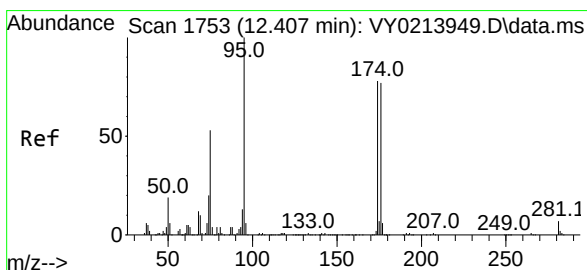
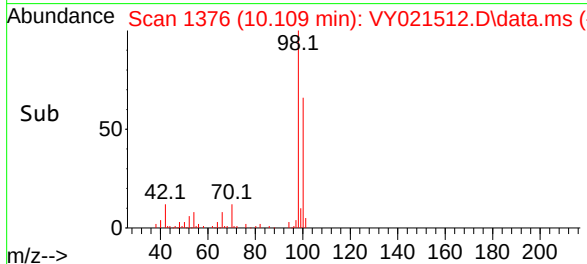
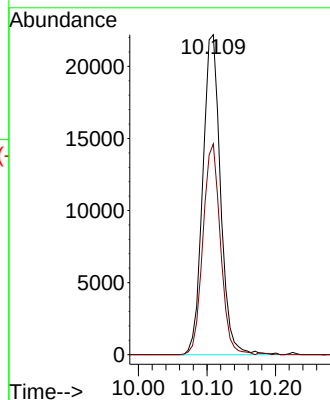
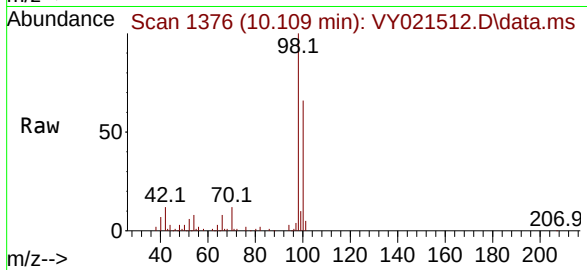
72-11930-343-COMP

Tgt Ion: 98 Resp: 40068

Ion Ratio Lower Upper

98 100

100 64.8 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 19.832 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY021512.D

Acq: 12 Mar 2025 16:20

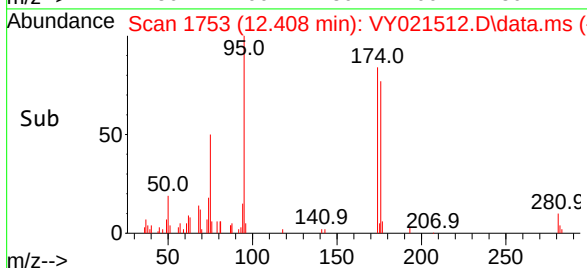
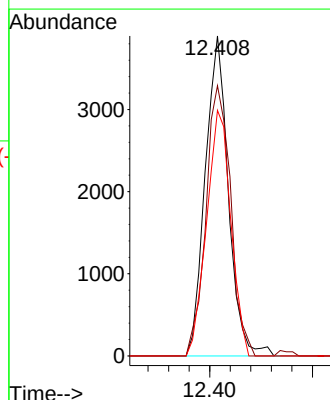
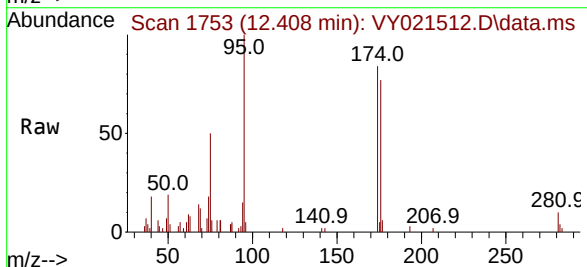
Tgt Ion: 95 Resp: 6099

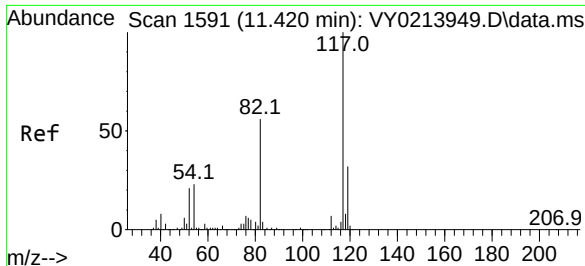
Ion Ratio Lower Upper

95 100

174 90.0 0.0 165.0

176 80.2 0.0 160.0

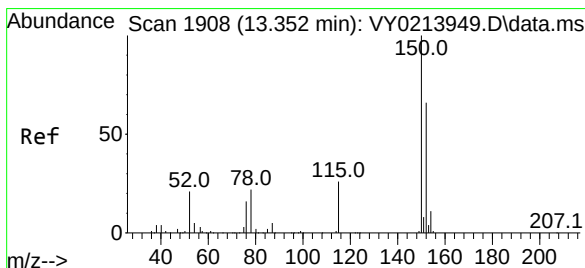
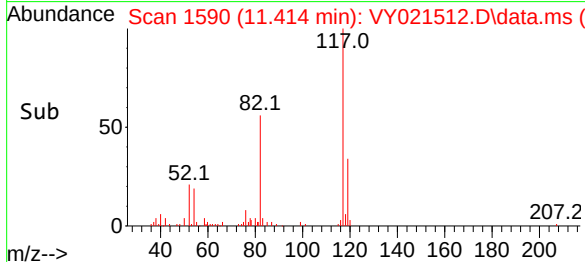
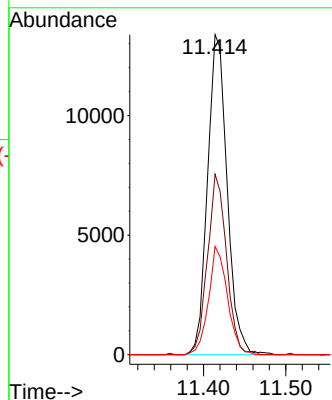
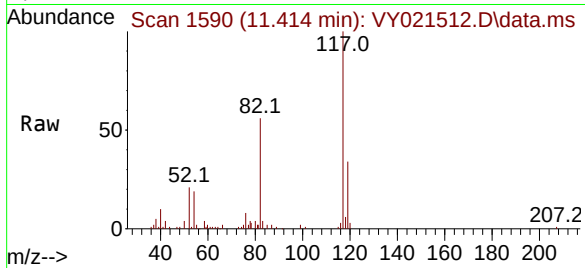




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021512.D
Acq: 12 Mar 2025 16:20

Instrument :
MSVOA_Y
ClientSampleId :
72-11930-343-COMP

Tgt Ion:117	Resp:	22171
Ion Ratio	Lower	Upper
117	100	
82	56.4	44.6 67.0
119	33.8	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021512.D
Acq: 12 Mar 2025 16:20

Tgt Ion:152	Resp:	4569
Ion Ratio	Lower	Upper
152	100	
115	52.9	29.0 87.0
150	143.2	0.0 347.2

