

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
 Data File : VY021031.D
 Acq On : 03 Feb 2025 15:50
 Operator : SY/MD
 Sample : Q1239-10
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 357

Quant Time: Feb 04 00:56:31 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	7.713	168	4138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	6912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	3829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	420	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	2606	61.466	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.940%
35) Dibromofluoromethane	7.640	113	2495	56.325	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.640%
50) Toluene-d8	10.109	98	7177	42.558	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.120%
62) 4-Bromofluorobenzene	12.414	95	749	13.595	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	27.180%#

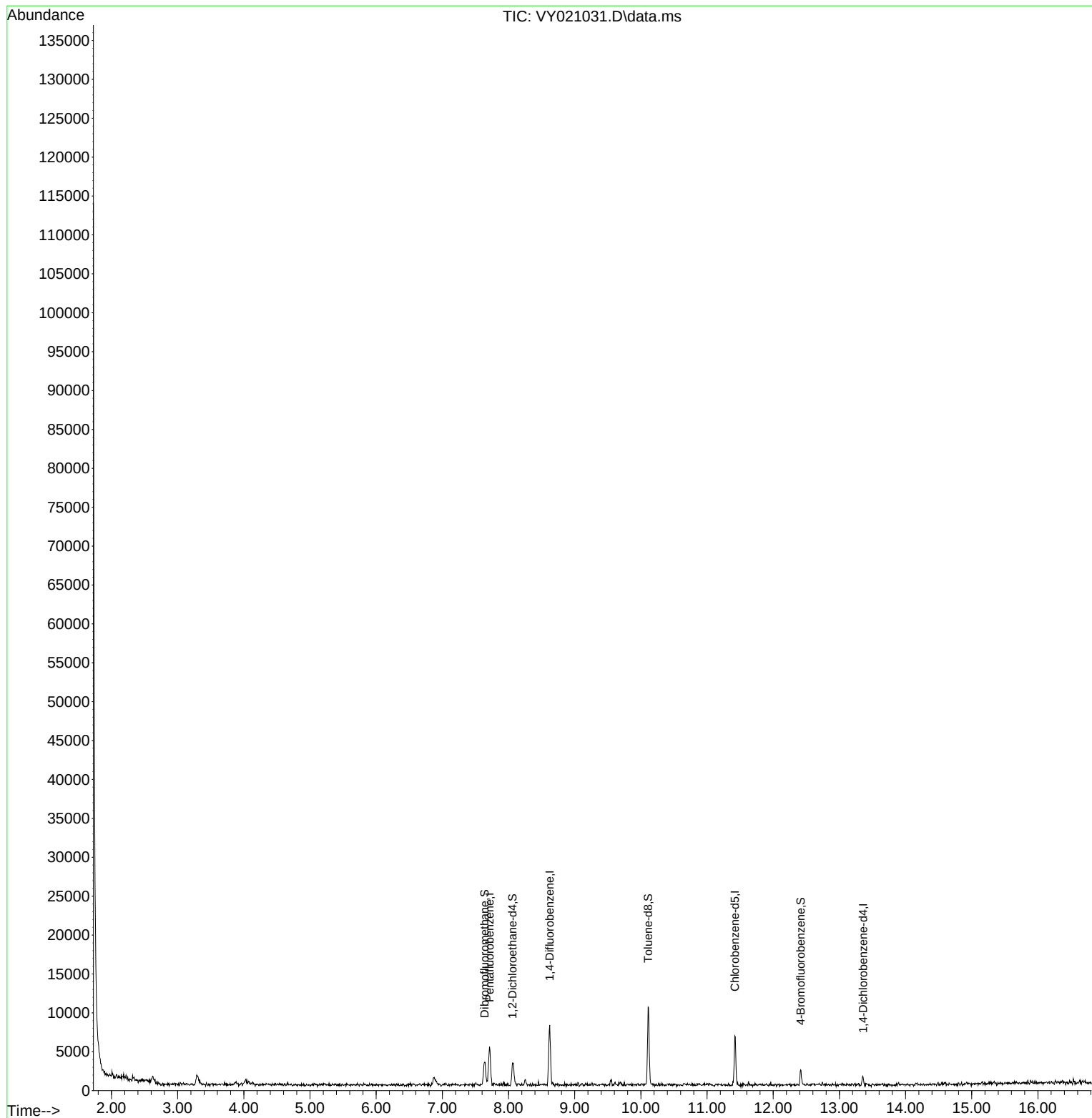
Target Compounds	Qvalue

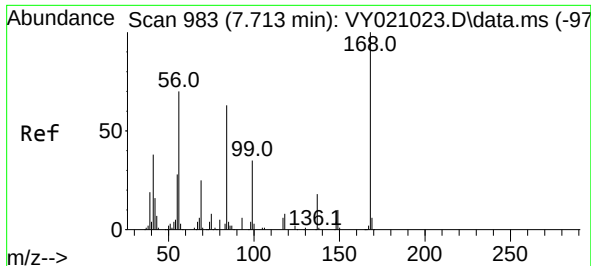
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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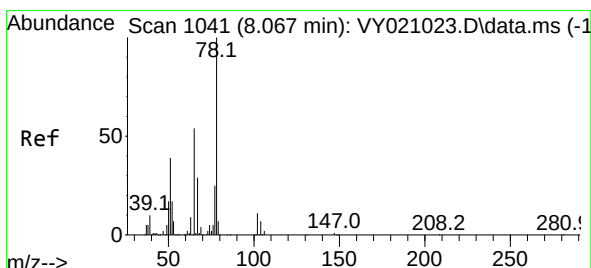
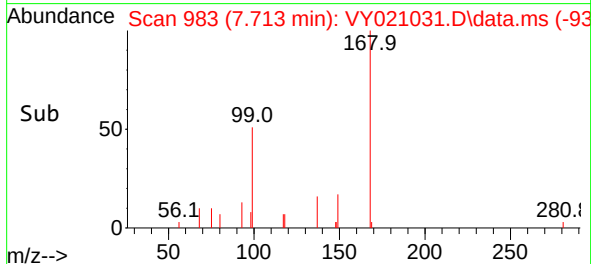
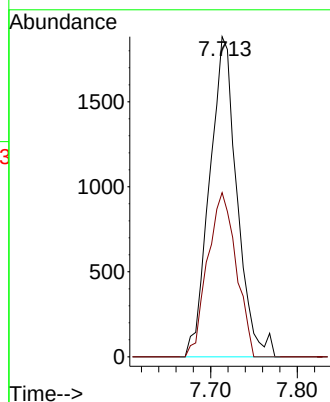
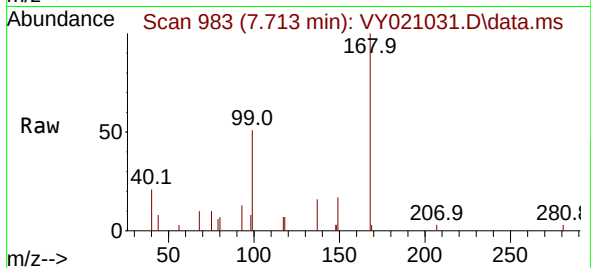




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021031.D
Acq: 03 Feb 2025 15:50

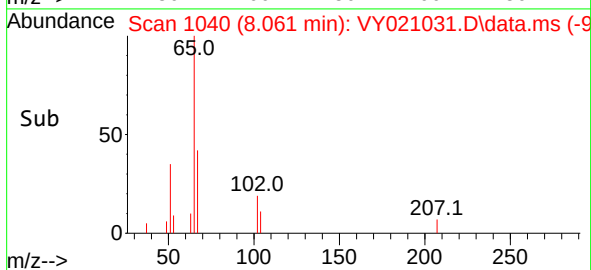
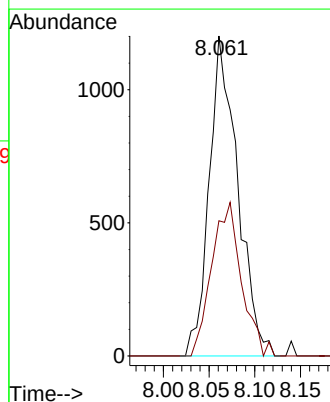
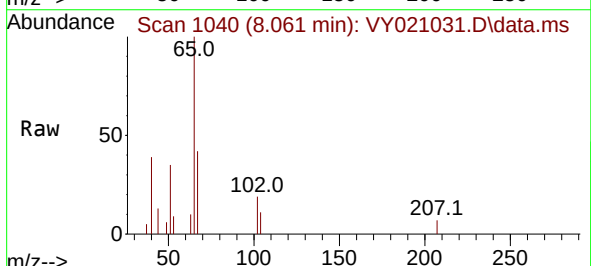
Instrument :
MSVOA_Y
ClientSampleId :
357

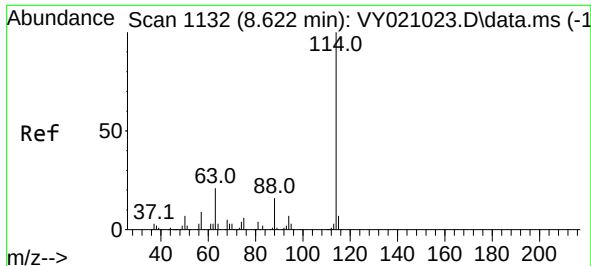
Tgt Ion:168 Resp: 4138
Ion Ratio Lower Upper
168 100
99 51.2 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 61.466 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021031.D
Acq: 03 Feb 2025 15:50

Tgt Ion: 65 Resp: 2606
Ion Ratio Lower Upper
65 100
67 50.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021031.D

Acq: 03 Feb 2025 15:50

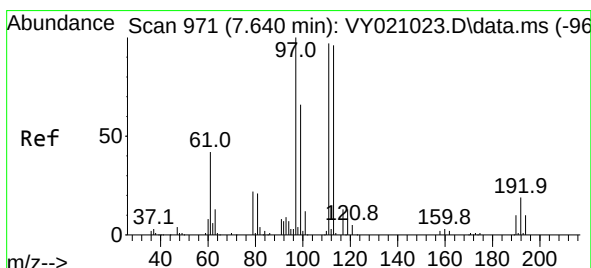
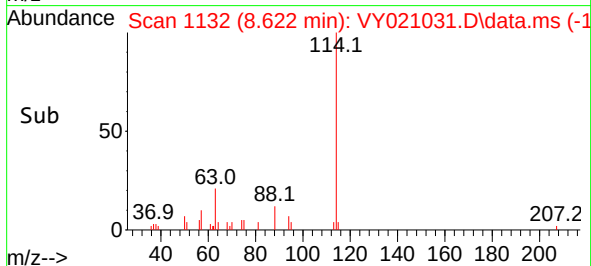
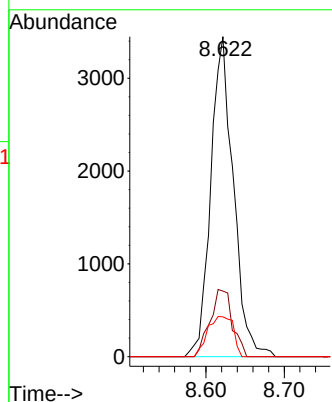
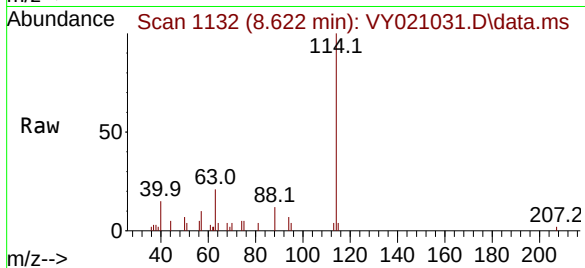
Instrument :

MSVOA_Y

ClientSampleId :

357

Tgt Ion:114	Resp:	6912
Ion	Ratio	Lower Upper
114	100	
63	20.5	0.0 37.4
88	12.4	0.0 29.0



#35

Dibromofluoromethane

Concen: 56.325 ug/l

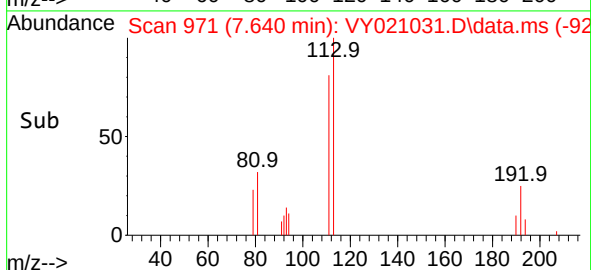
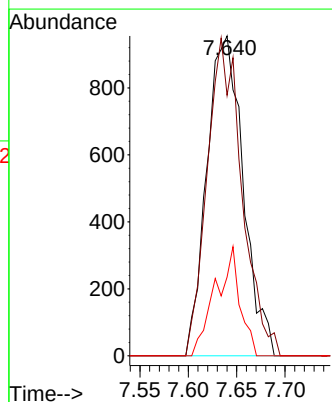
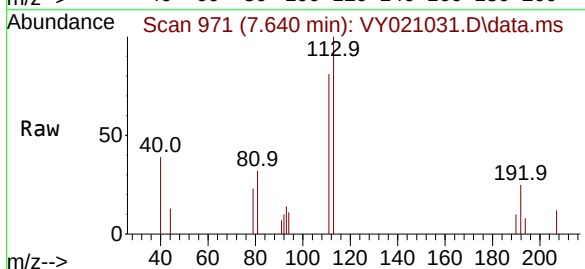
RT: 7.640 min Scan# 971

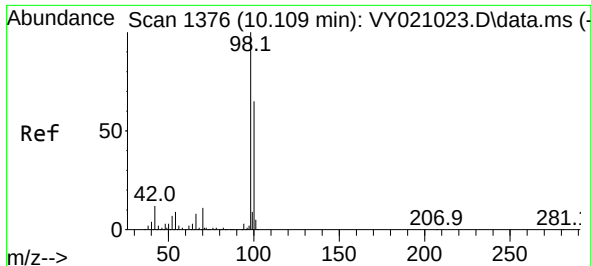
Delta R.T. -0.000 min

Lab File: VY021031.D

Acq: 03 Feb 2025 15:50

Tgt Ion:113	Resp:	2495
Ion	Ratio	Lower Upper
113	100	
111	95.2	83.8 125.6
192	23.1	14.5 21.7

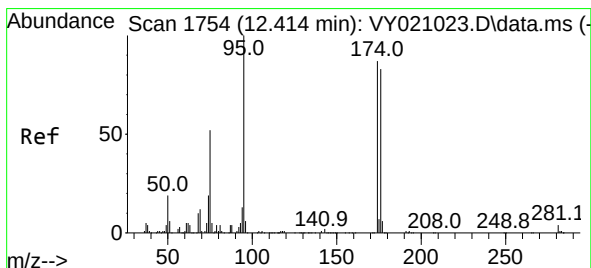
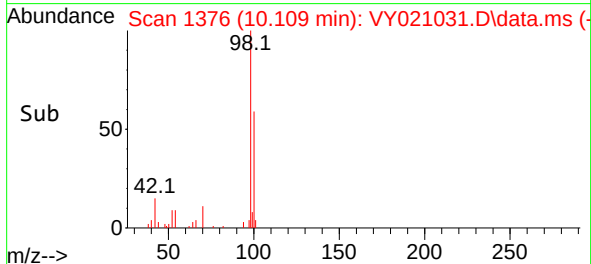
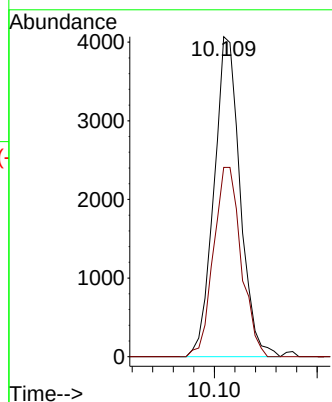
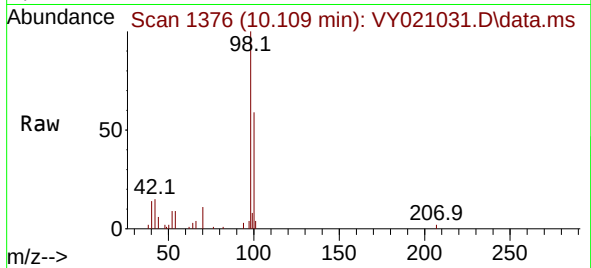




#50
Toluene-d8
Concen: 42.558 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021031.D
Acq: 03 Feb 2025 15:50

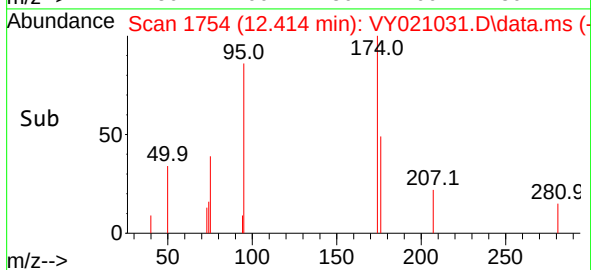
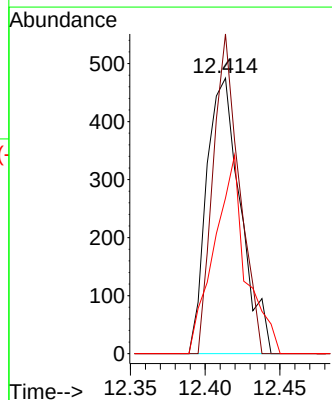
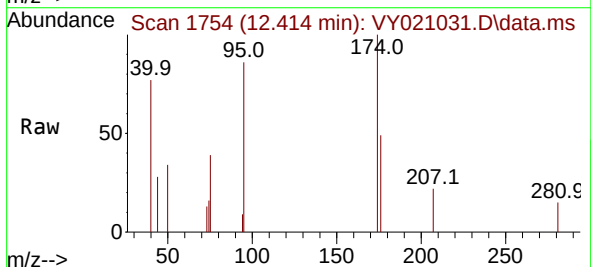
Instrument :
MSVOA_Y
ClientSampleId :
357

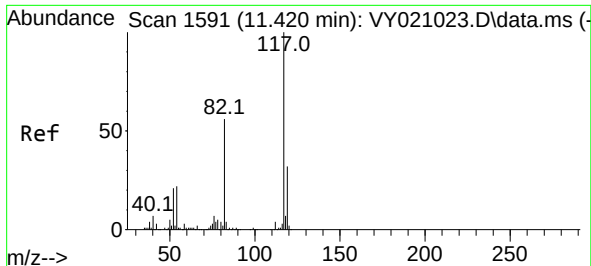
Tgt Ion: 98 Resp: 7177
Ion Ratio Lower Upper
98 100
100 62.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 13.595 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021031.D
Acq: 03 Feb 2025 15:50

Tgt Ion: 95 Resp: 749
Ion Ratio Lower Upper
95 100
174 89.9 0.0 160.0
176 67.4 0.0 151.8

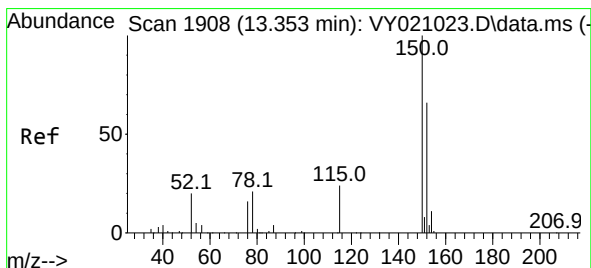
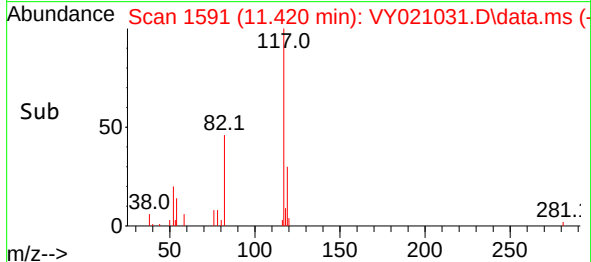
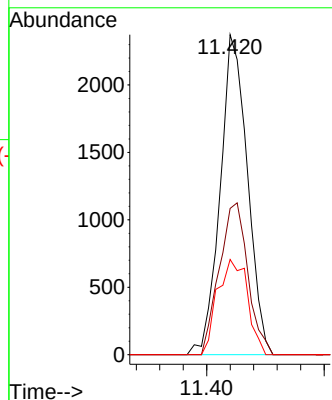
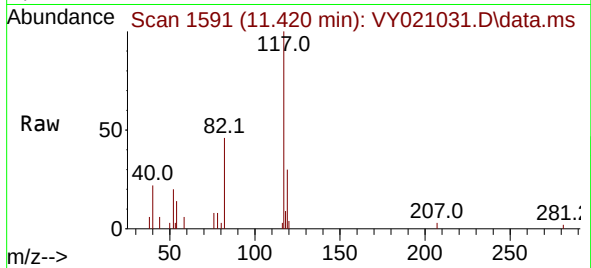




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021031.D
Acq: 03 Feb 2025 15:50

Instrument :
MSVOA_Y
ClientSampleId :
357

Tgt Ion:117	Resp:	3829
Ion	Ratio	Lower Upper
117	100	
82	45.7	43.8 65.8
119	29.8	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: VY021031.D
Acq: 03 Feb 2025 15:50

Tgt Ion:152	Resp:	420
Ion	Ratio	Lower Upper
152	100	
115	70.0	30.0 90.0
150	144.3	0.0 344.6

