

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052725\
 Data File : VY022429.D
 Acq On : 27 May 2025 13:12
 Operator : SY/MD
 Sample : VY0527SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBL01

Quant Time: May 28 11:05:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 10:34:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	351784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	631221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	510103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	193960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	188929	50.988	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.980%
35) Dibromofluoromethane	7.634	113	188196	50.910	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.820%
50) Toluene-d8	10.109	98	755822	50.156	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.320%
62) 4-Bromofluorobenzene	12.407	95	195169	42.816	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.640%

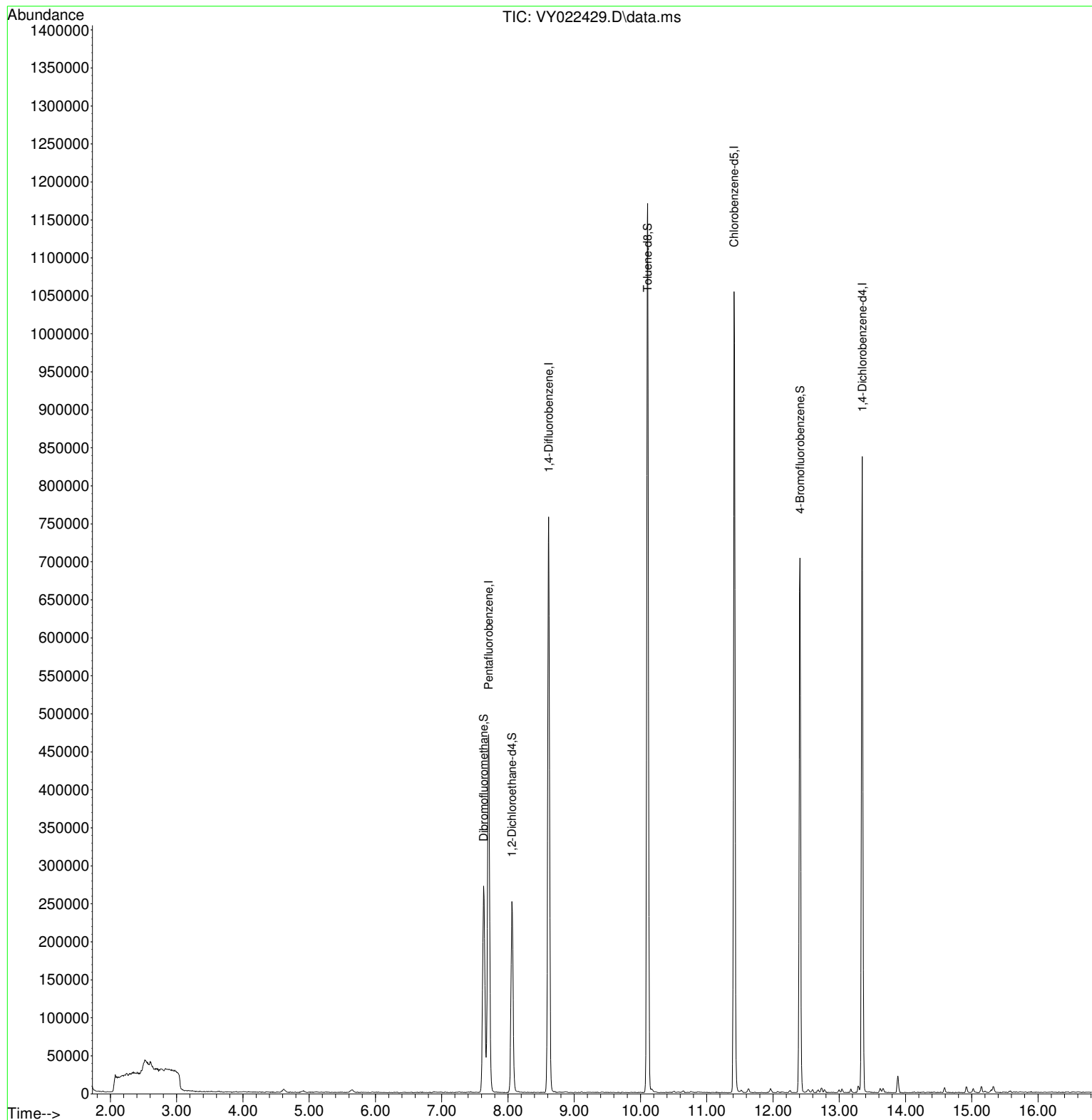
Target Compounds	Qvalue

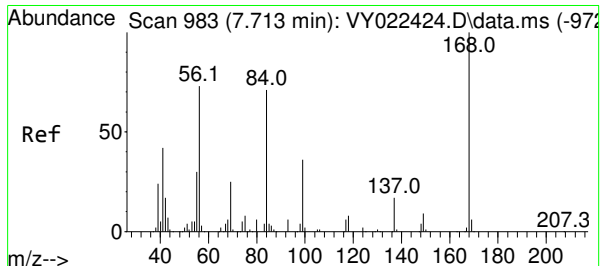
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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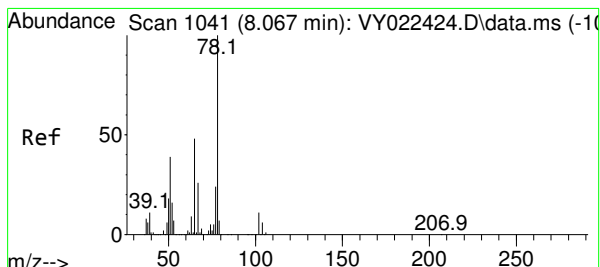
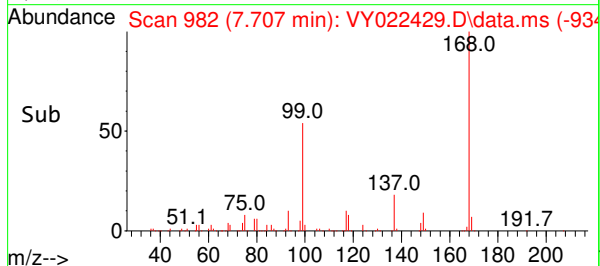
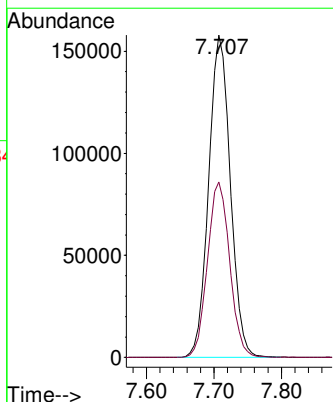
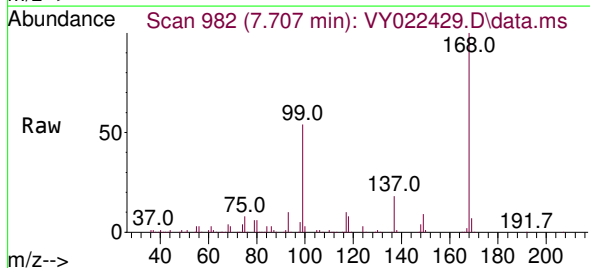




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 983
Delta R.T. -0.006 min
Lab File: VY022429.D
Acq: 27 May 2025 13:12

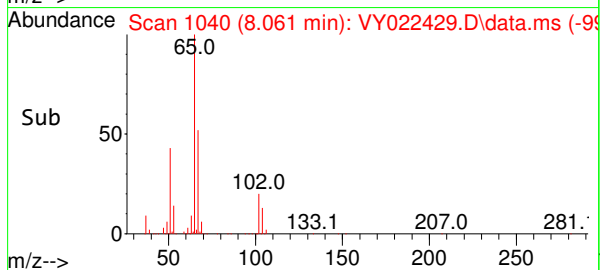
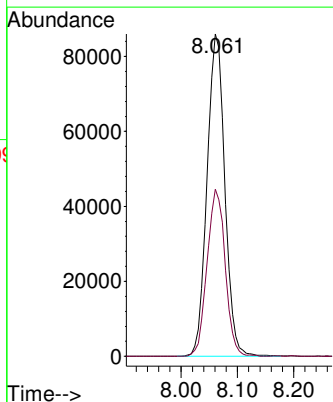
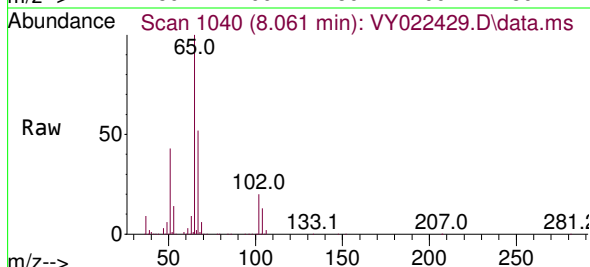
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBL01

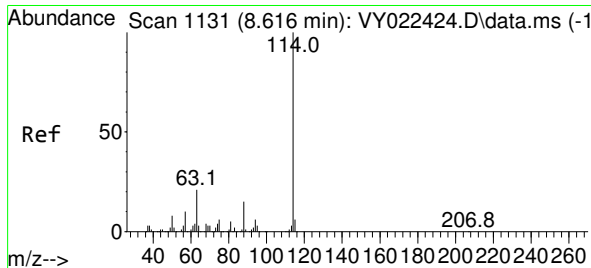
Tgt Ion:168 Resp: 351784
Ion Ratio Lower Upper
168 100
99 54.5 44.7 67.1



#33
1,2-Dichloroethane-d4
Concen: 50.988 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022429.D
Acq: 27 May 2025 13:12

Tgt Ion: 65 Resp: 188929
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.4

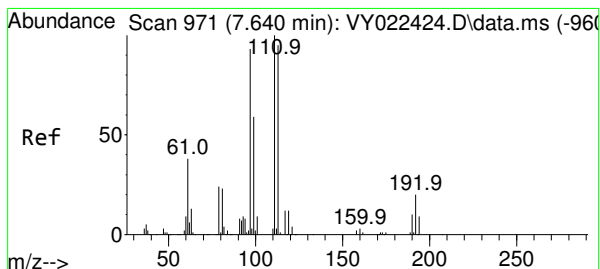
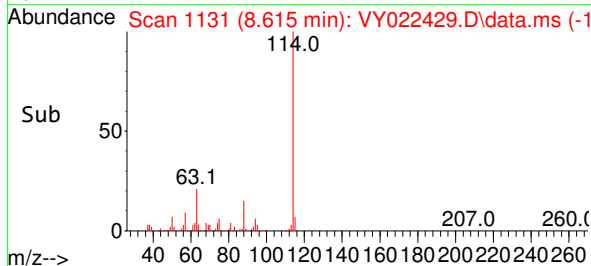
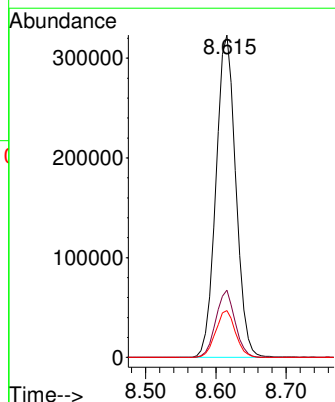
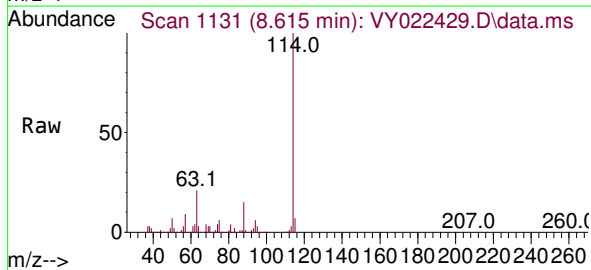




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022429.D
Acq: 27 May 2025 13:12

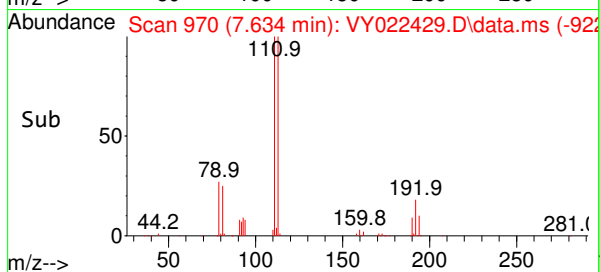
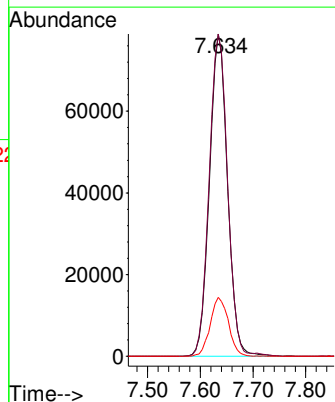
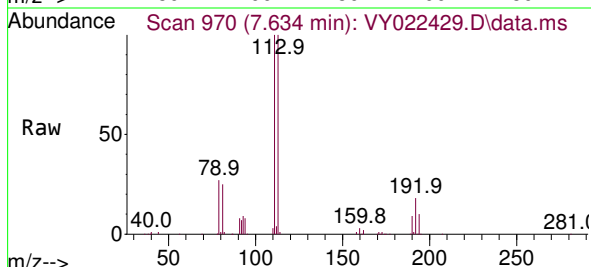
Instrument :
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ClientSampleId :
VY0527SBL01

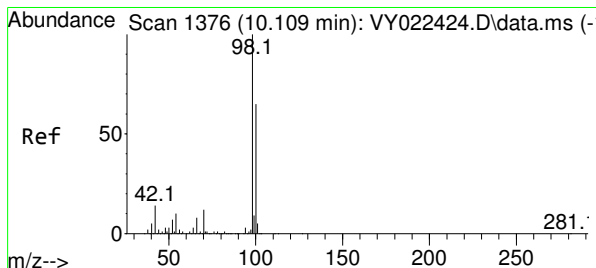
Tgt Ion:	114	Resp:	631221
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	42.6
88	14.6	0.0	29.4



#35
Dibromofluoromethane
Concen: 50.910 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022429.D
Acq: 27 May 2025 13:12

Tgt Ion:	113	Resp:	188196
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.4	123.6
192	18.5	15.2	22.8

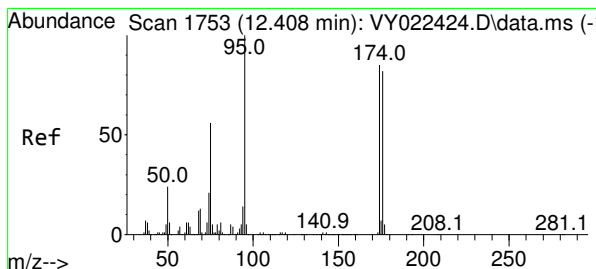
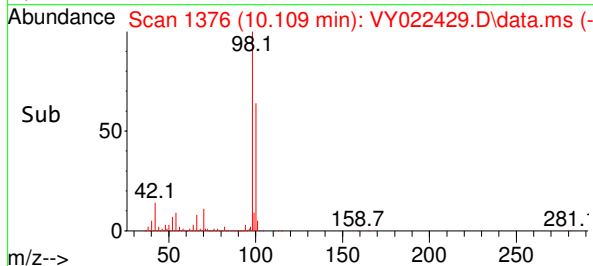
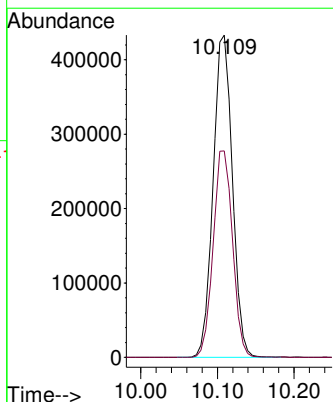
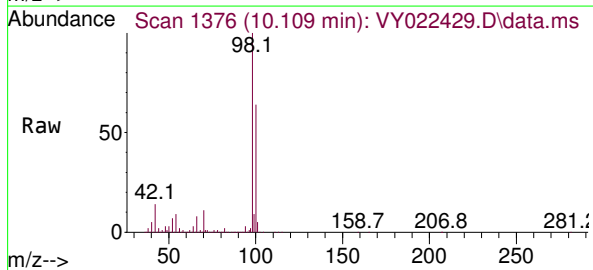




#50
Toluene-d8
Concen: 50.156 ug/l
RT: 10.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022429.D
Acq: 27 May 2025 13:12

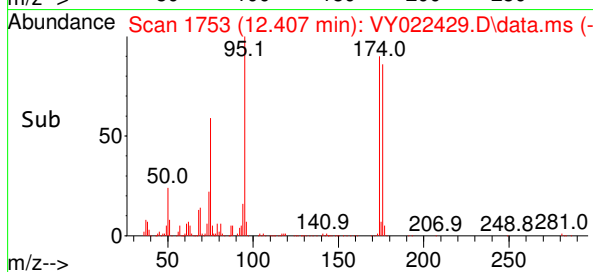
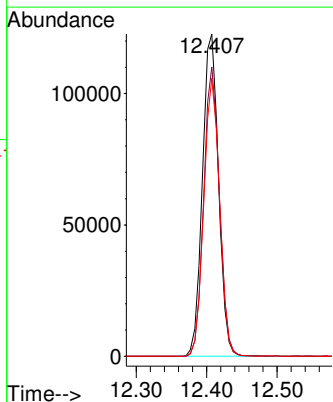
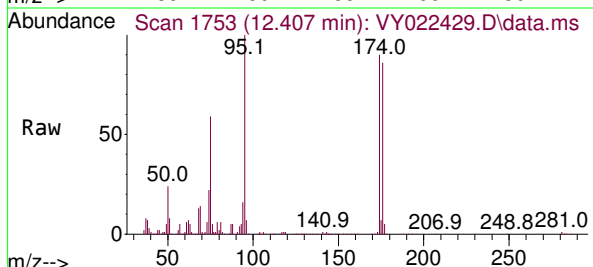
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBL01

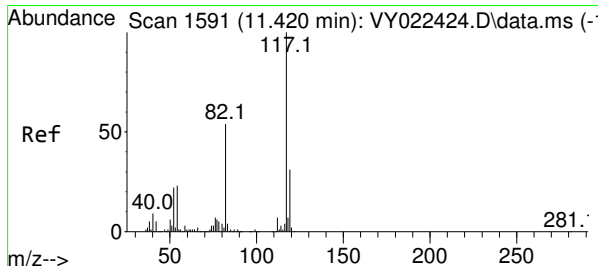
Tgt Ion: 98 Resp: 755822
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 42.816 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022429.D
Acq: 27 May 2025 13:12

Tgt Ion: 95 Resp: 195169
Ion Ratio Lower Upper
95 100
174 87.4 0.0 171.6
176 84.7 0.0 164.6

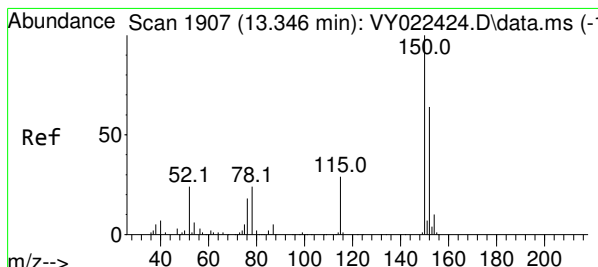
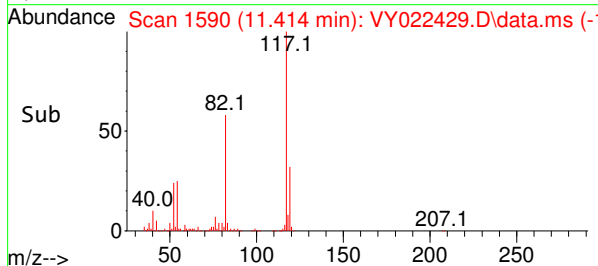
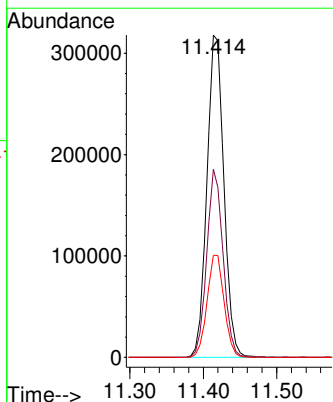
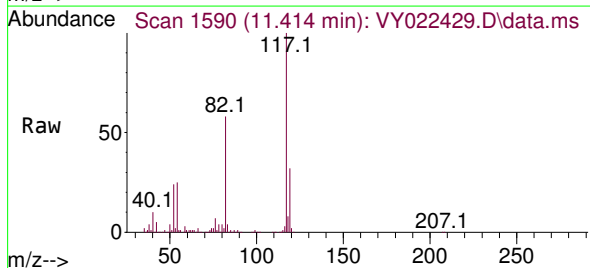




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022429.D
Acq: 27 May 2025 13:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBL01

Tgt Ion:	117	Resp:	510103
Ion	Ratio	Lower	Upper
117	100		
82	58.4	43.3	64.9
119	31.7	24.5	36.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022429.D
Acq: 27 May 2025 13:12

Tgt Ion:	152	Resp:	193960
Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.4	85.3
150	156.6	0.0	345.8

