

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 15:26:00 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

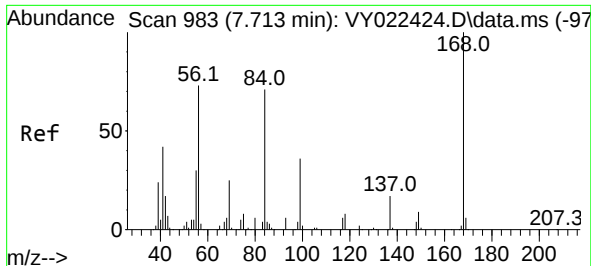
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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
31) Cyclohexane	7.707	56	9333	1.309	ug/l #	39
36) 1,1-Dichloropropene	7.707	75	30666	5.228	ug/l #	51
38) Carbon Tetrachloride	7.707	117	35794	5.858	ug/l #	15
76) 1,2,3-Trichloropropane	12.407	75	115095	59.241	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	115095	133.971	ug/l #	12
95) Naphthalene	15.151	128	5966	1.054	ug/l #	91

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

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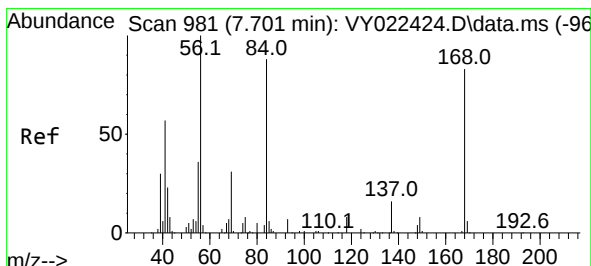
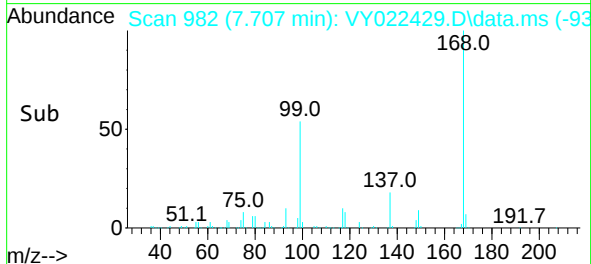
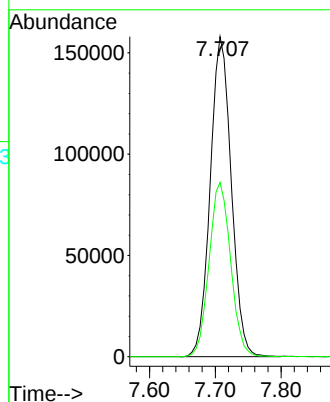
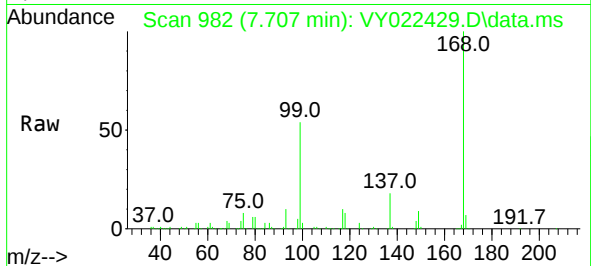




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.006 min
Lab File: VY022429.D
Acq: 27 May 2025 13:12

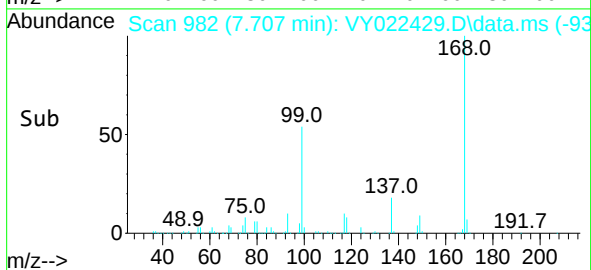
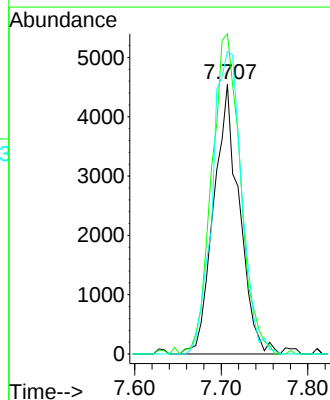
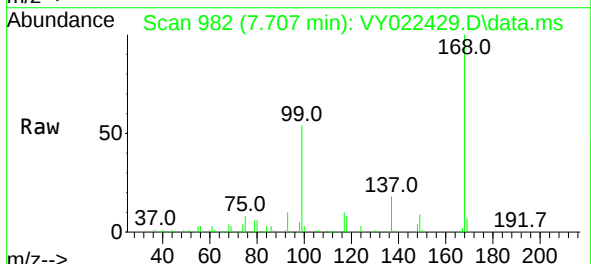
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBL01

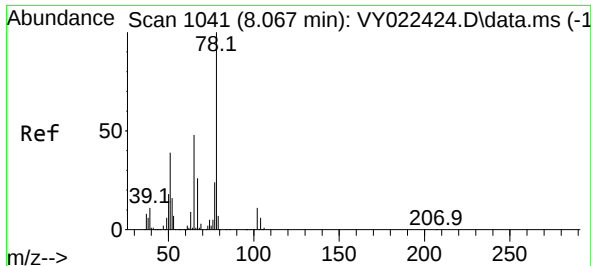
Tgt Ion:168 Resp: 351784
Ion Ratio Lower Upper
168 100
99 54.5 44.7 67.1



#31
Cyclohexane
Concen: 1.309 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY022429.D
Acq: 27 May 2025 13:12

Tgt Ion: 56 Resp: 9333
Ion Ratio Lower Upper
56 100
69 118.7 24.6 36.8#
84 112.2 70.4 105.6#





#33

1,2-Dichloroethane-d4

Concen: 50.988 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VY022429.D

Acq: 27 May 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

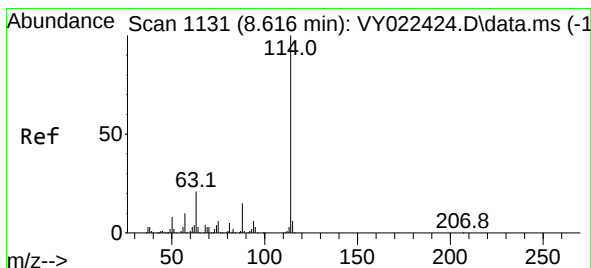
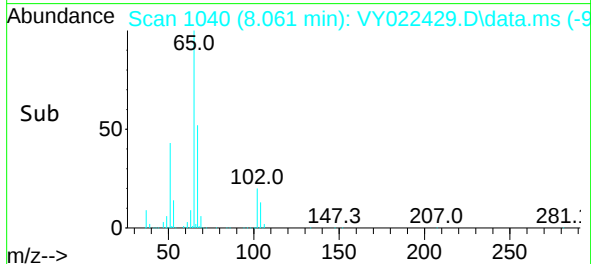
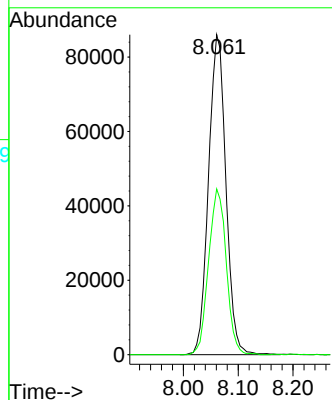
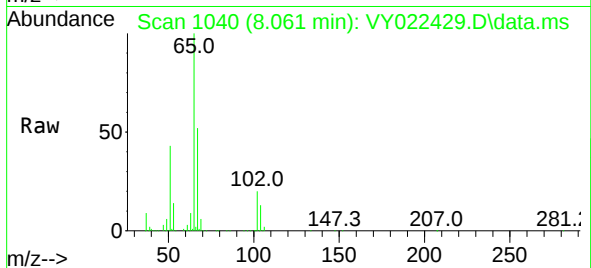
VY0527SBL01

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# 1131

Delta R.T. -0.000 min

Lab File: VY022429.D

Acq: 27 May 2025 13:12

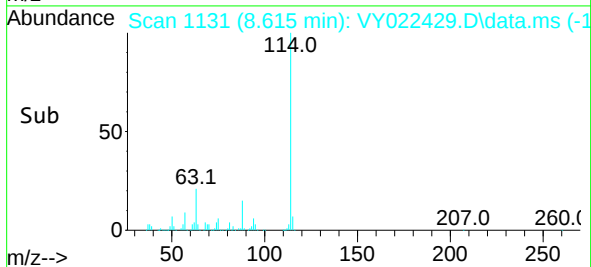
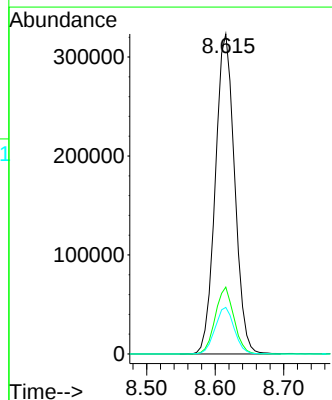
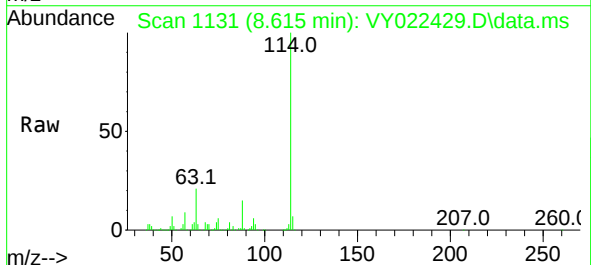
Tgt Ion: 114 Resp: 631221

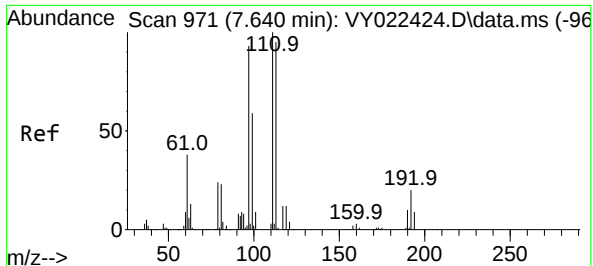
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.6

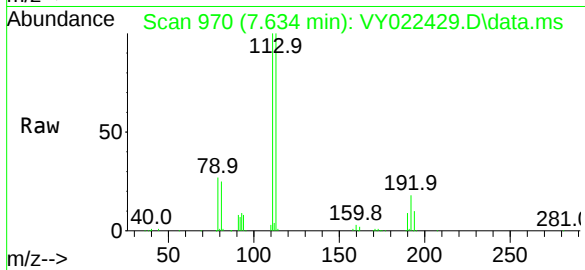
88 14.6 0.0 29.4



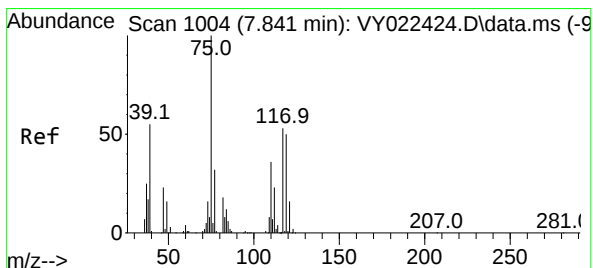
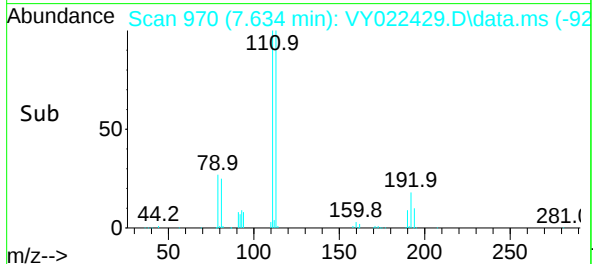
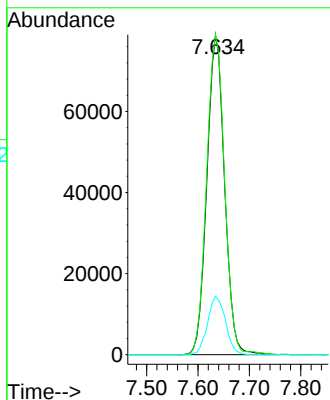


#35
Dibromofluoromethane
Concen: 50.910 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022429.D
Acq: 27 May 2025 13:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBL01

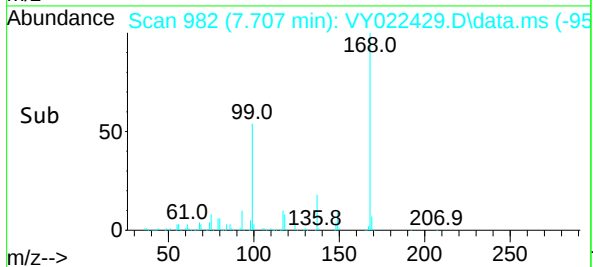
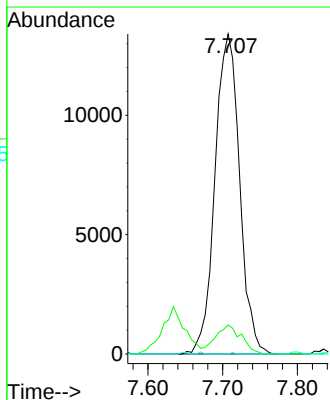
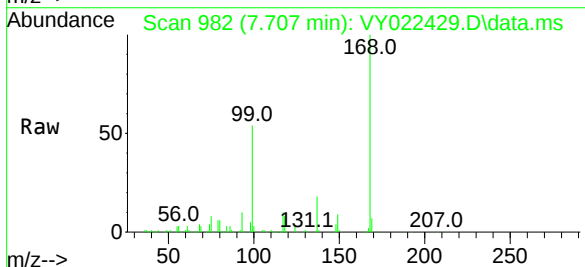


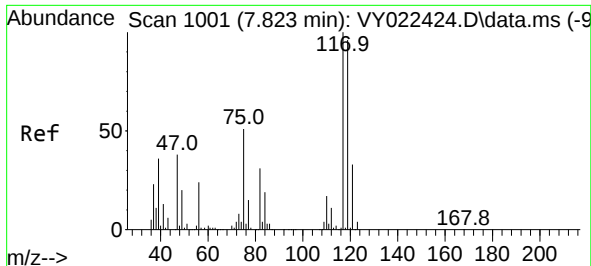
Tgt Ion:113 Resp: 188196
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 18.5 15.2 22.8



#36
1,1-Dichloropropene
Concen: 5.228 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY022429.D
Acq: 27 May 2025 13:12

Tgt Ion: 75 Resp: 30666
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.1 25.1 37.7#

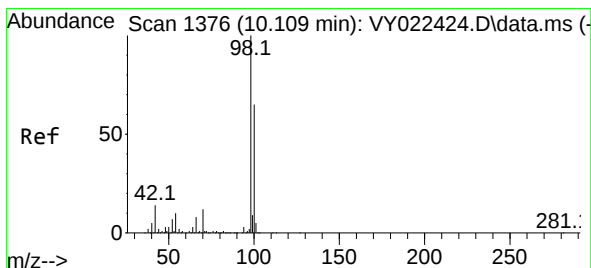
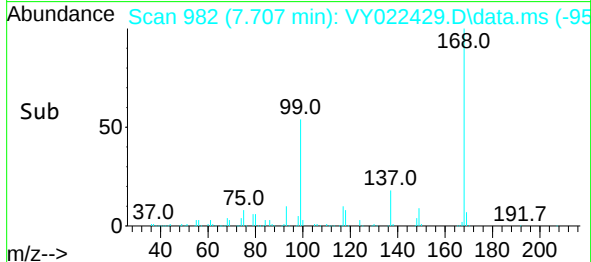
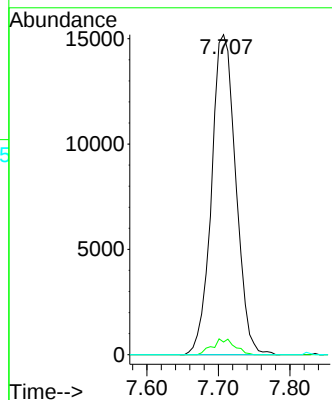
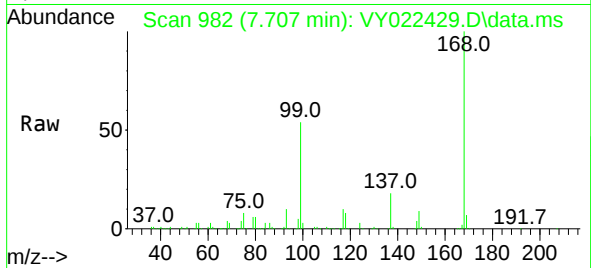




#38
Carbon Tetrachloride
Concen: 5.858 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY022429.D
Acq: 27 May 2025 13:12

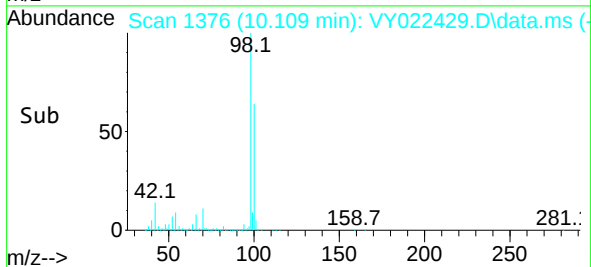
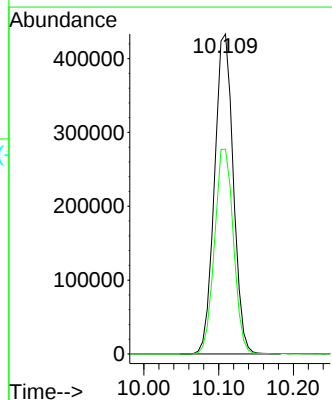
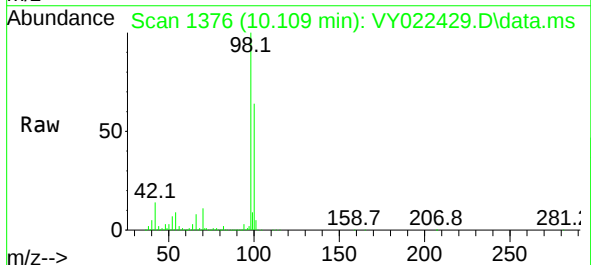
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBL01

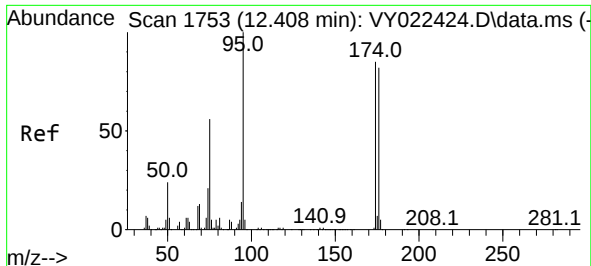
Tgt Ion:117 Resp: 35794
Ion Ratio Lower Upper
117 100
119 4.0 76.3 114.5#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 50.156 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022429.D
Acq: 27 May 2025 13:12

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

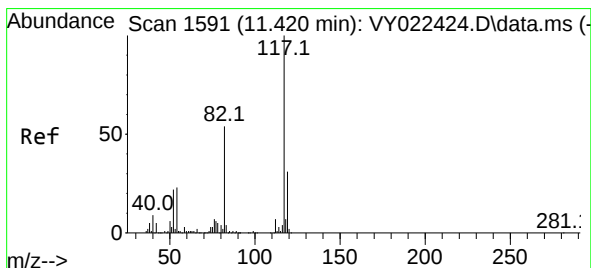
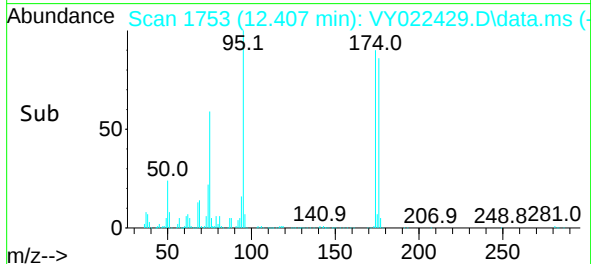
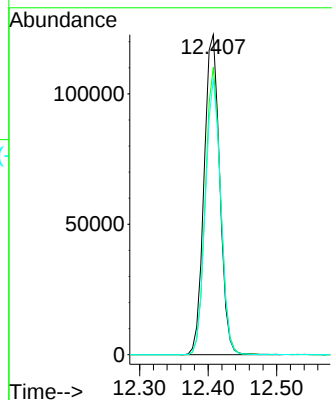
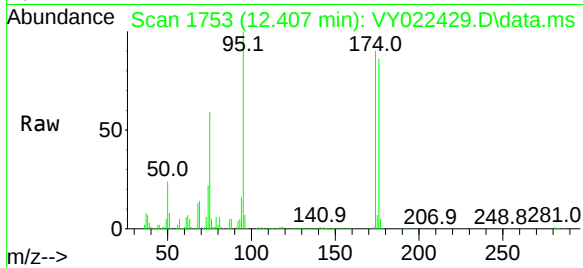




#62
4-Bromofluorobenzene
Concen: 42.816 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022429.D
Acq: 27 May 2025 13:12

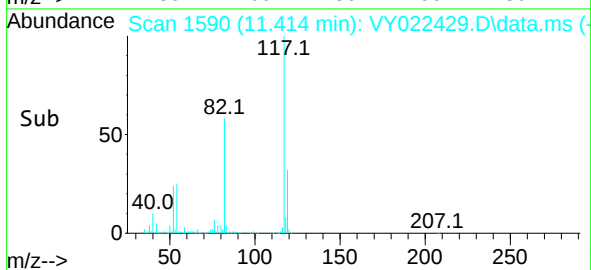
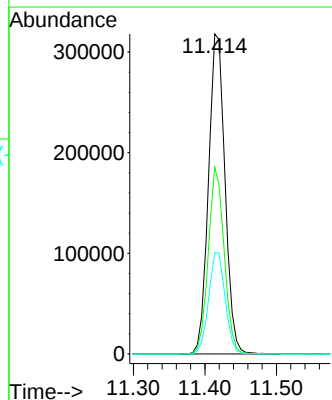
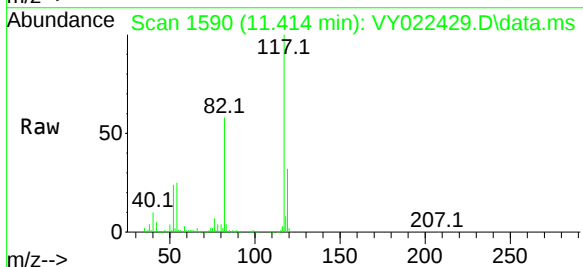
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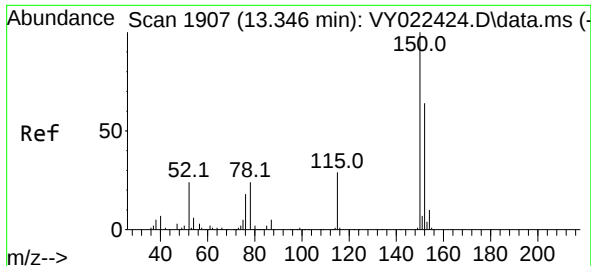
Tgt Ion: 95 Resp: 195169
Ion Ratio Lower Upper
95 100
174 87.4 0.0 171.6
176 84.7 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022429.D
Acq: 27 May 2025 13:12

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

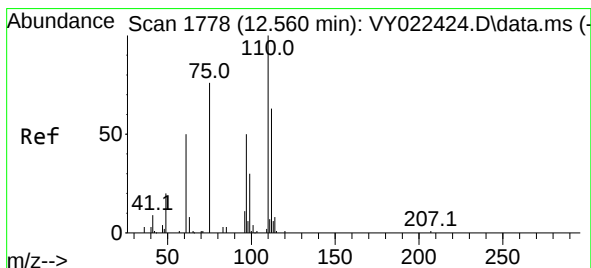
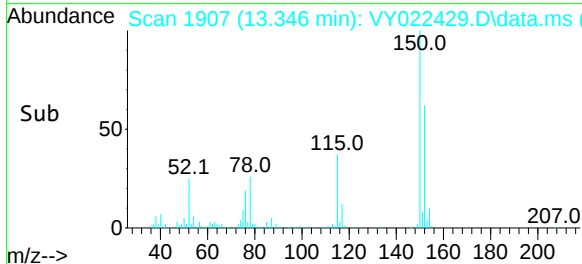
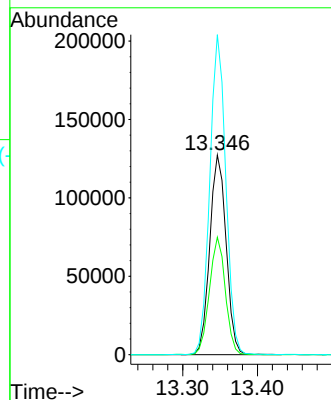
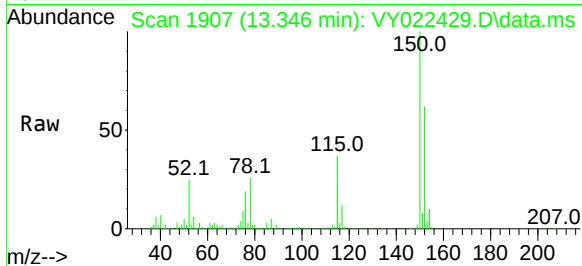




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY022429.D
 Acq: 27 May 2025 13:12

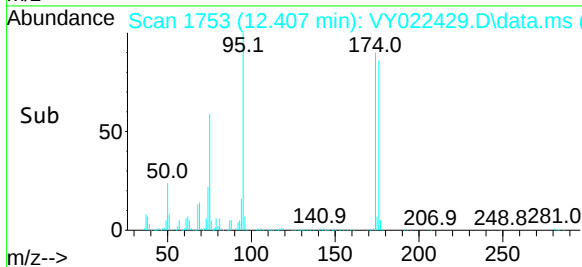
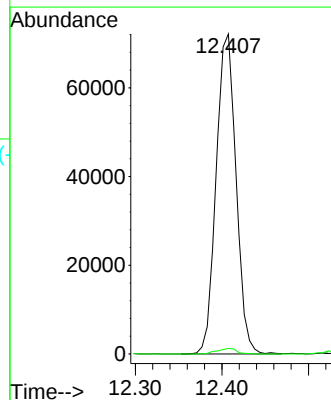
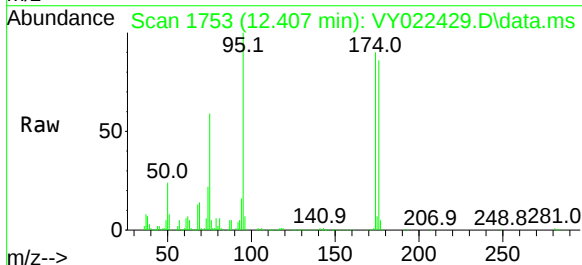
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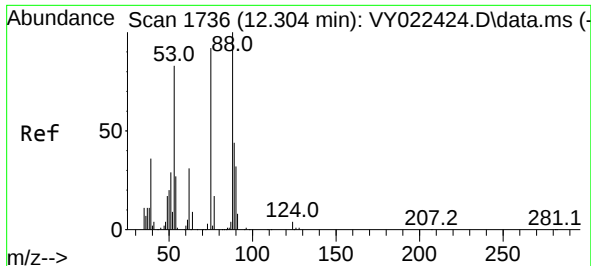
Tgt Ion:152 Resp: 193960
 Ion Ratio Lower Upper
 152 100
 115 57.0 28.4 85.3
 150 156.6 0.0 345.8



#76
 1,2,3-Trichloropropane
 Concen: 59.241 ug/l
 RT: 12.407 min Scan# 1753
 Delta R.T. -0.152 min
 Lab File: VY022429.D
 Acq: 27 May 2025 13:12

Tgt Ion: 75 Resp: 115095
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#

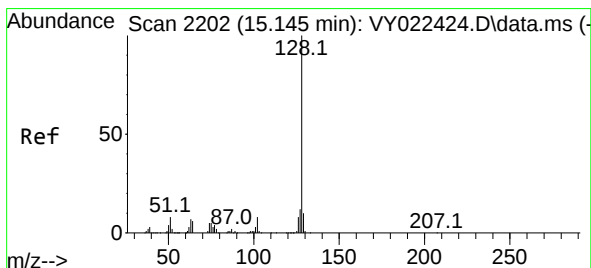
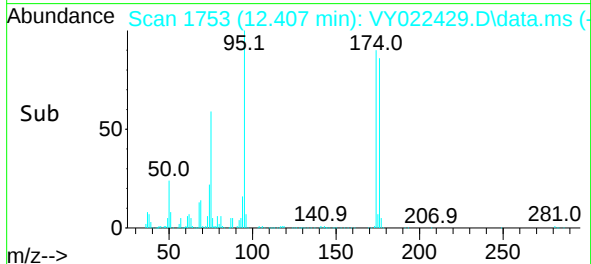
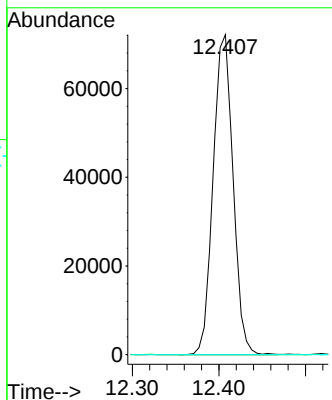
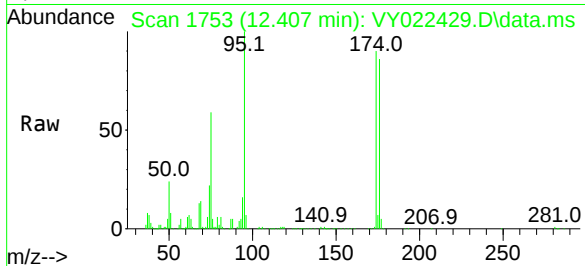




#81
trans-1,4-Dichloro-2-butene
Concen: 133.971 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY022429.D
Acq: 27 May 2025 13:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBL01

Tgt Ion: 75 Resp: 115095
Ion Ratio Lower Upper
75 100
53 0.0 75.1 112.7#
89 0.0 37.4 56.0#



#95
Naphthalene
Concen: 1.054 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY022429.D
Acq: 27 May 2025 13:12

Tgt Ion: 128 Resp: 5966
Ion Ratio Lower Upper
128 100
127 15.9 10.2 15.4#
129 14.6 8.5 12.7#

