

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053025\
 Data File : VY022473.D
 Acq On : 30 May 2025 12:42
 Operator : SY/MD
 Sample : VY0530SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0530SBL01

Quant Time: May 31 02:24:59 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)

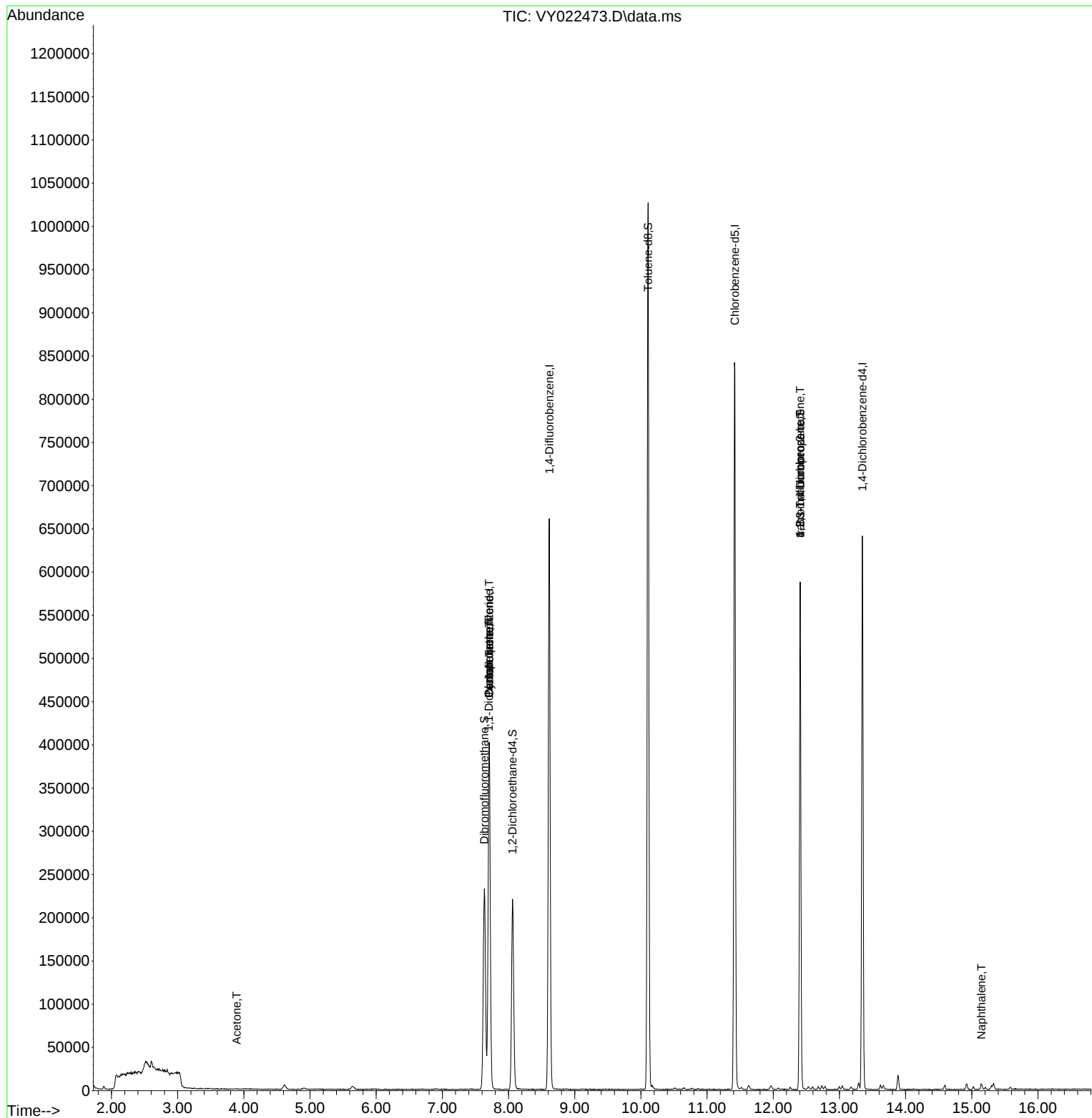
Internal Standards						
1) Pentafluorobenzene	7.707	168	294864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	538664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	419577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	145190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	165997	53.447	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.900%	
35) Dibromofluoromethane	7.634	113	162157	51.404	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.800%	
50) Toluene-d8	10.109	98	641910	49.916	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.840%	
62) 4-Bromofluorobenzene	12.408	95	158287	40.692	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 81.380%	
Target Compounds						
					Qvalue	
16) Acetone	3.891	43	1084	2.124	ug/l	99
31) Cyclohexane	7.707	56	8716	1.459	ug/l #	47
36) 1,1-Dichloropropene	7.701	75	25582	5.110	ug/l #	49
38) Carbon Tetrachloride	7.707	117	30234	5.798	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	92978	63.933	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	92978	144.581	ug/l #	12
95) Naphthalene	15.145	128	5071	1.197	ug/l #	90

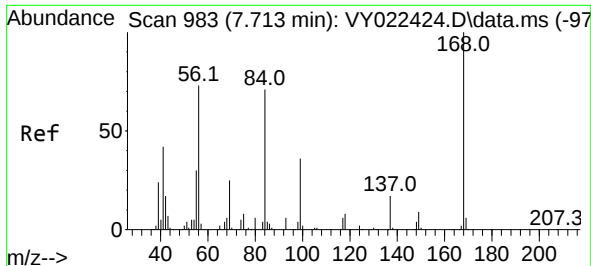
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053025\
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ALS Vial : 3 Sample Multiplier: 1

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MSVOA_Y
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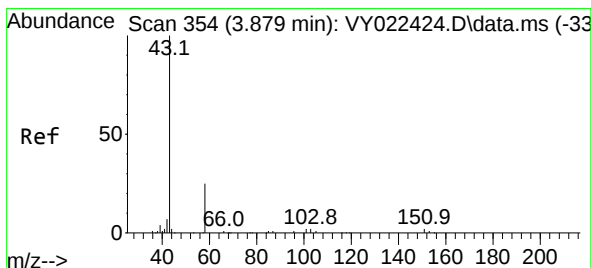
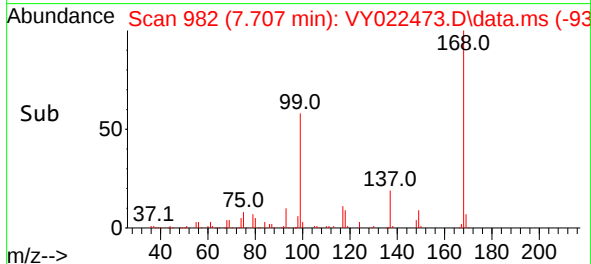
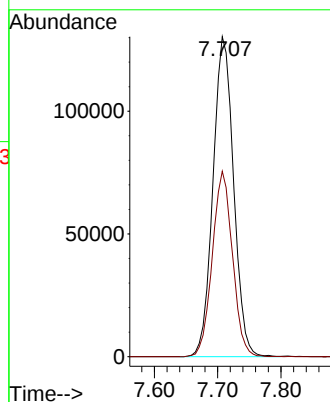
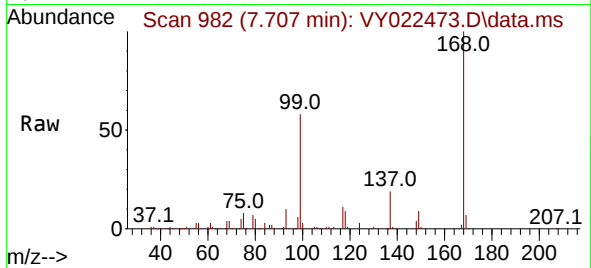




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022473.D
Acq: 30 May 2025 12:42

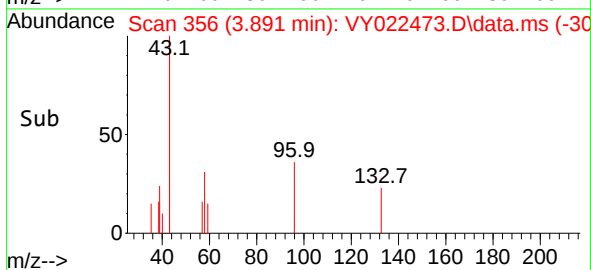
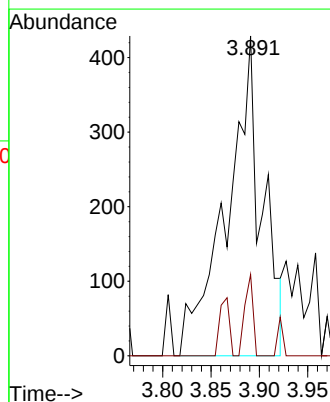
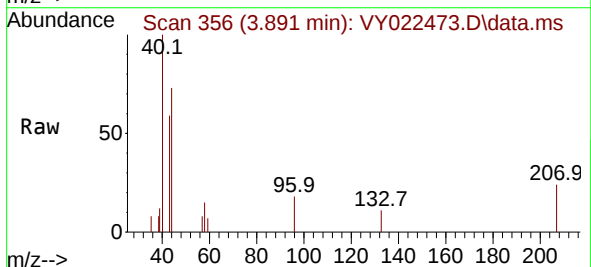
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBL01

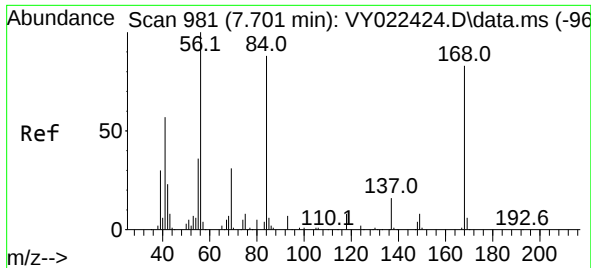
Tgt Ion:168 Resp: 294864
Ion Ratio Lower Upper
168 100
99 58.0 44.7 67.1



#16
Acetone
Concen: 2.124 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.012 min
Lab File: VY022473.D
Acq: 30 May 2025 12:42

Tgt Ion: 43 Resp: 1084
Ion Ratio Lower Upper
43 100
58 25.4 20.6 30.8

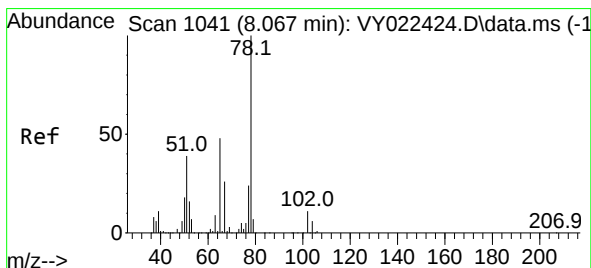
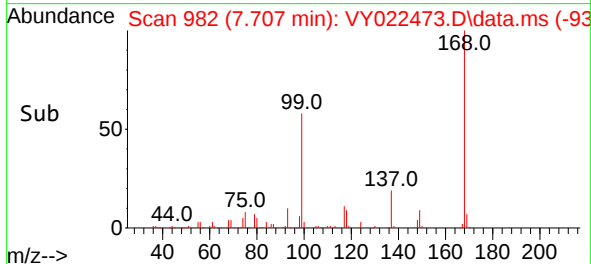
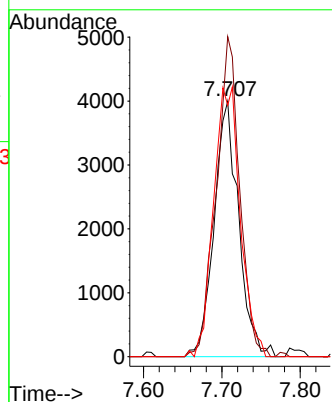
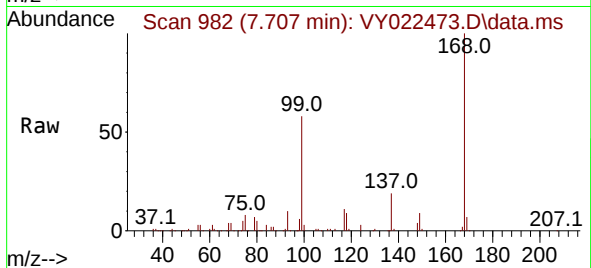




#31
Cyclohexane
Concen: 1.459 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY022473.D
Acq: 30 May 2025 12:42

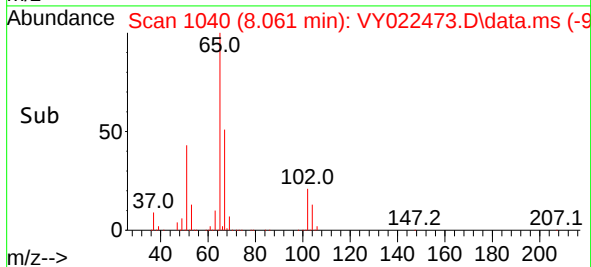
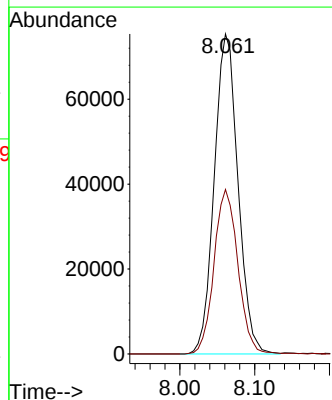
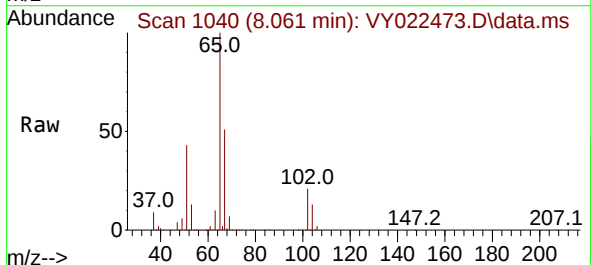
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBL01

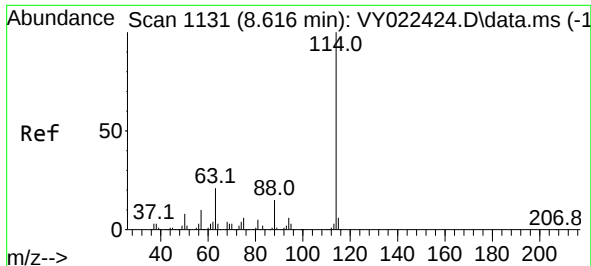
Tgt Ion: 56 Resp: 8716
Ion Ratio Lower Upper
56 100
69 125.2 24.6 36.8#
84 98.3 70.4 105.6



#33
1,2-Dichloroethane-d4
Concen: 53.447 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022473.D
Acq: 30 May 2025 12:42

Tgt Ion: 65 Resp: 165997
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.4

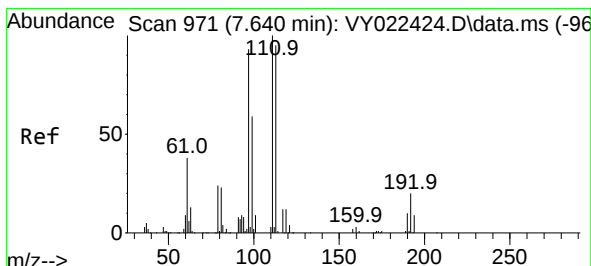
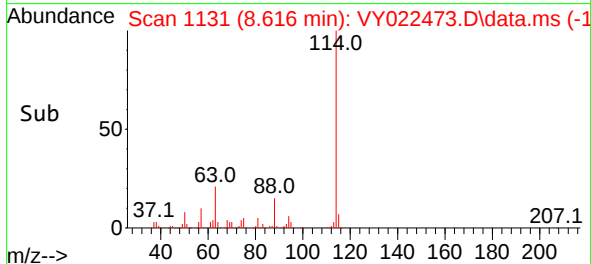
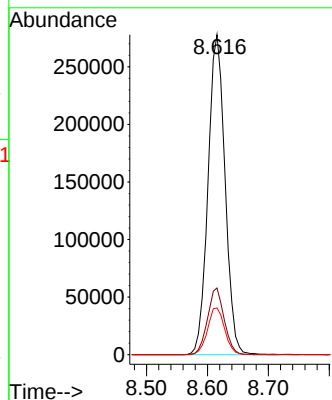
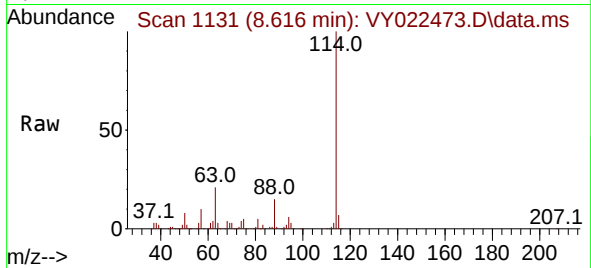




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022473.D
Acq: 30 May 2025 12:42

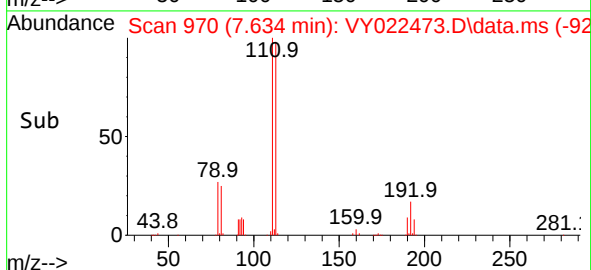
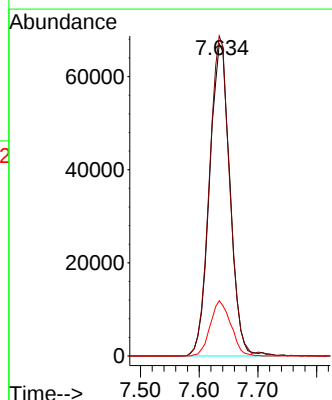
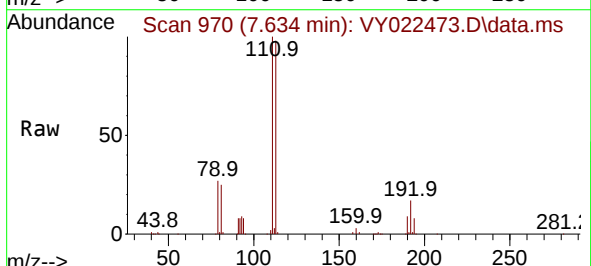
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBL01

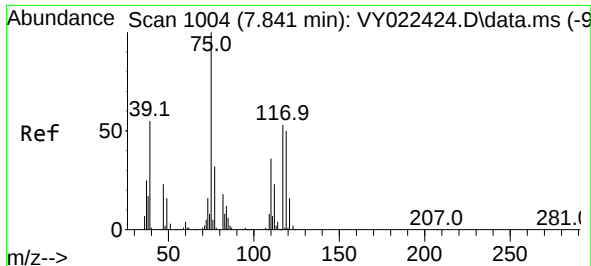
Tgt Ion:114 Resp: 538664
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.6
88 14.6 0.0 29.4



#35
Dibromofluoromethane
Concen: 51.404 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022473.D
Acq: 30 May 2025 12:42

Tgt Ion:113 Resp: 162157
Ion Ratio Lower Upper
113 100
111 101.5 82.4 123.6
192 17.8 15.2 22.8

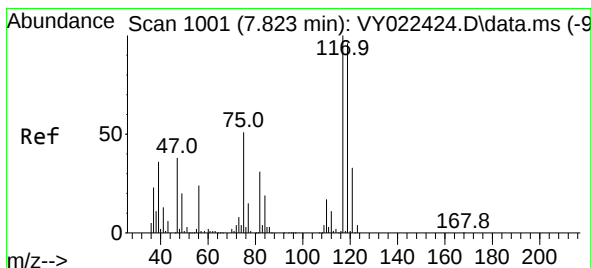
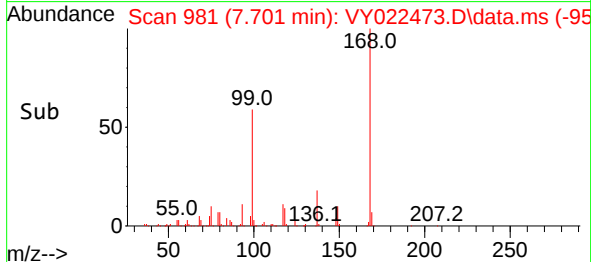
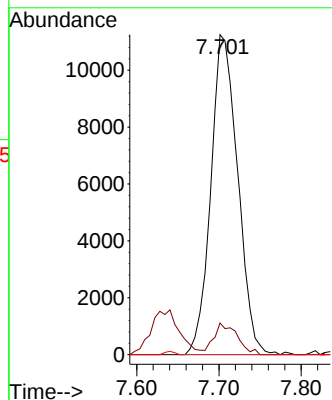
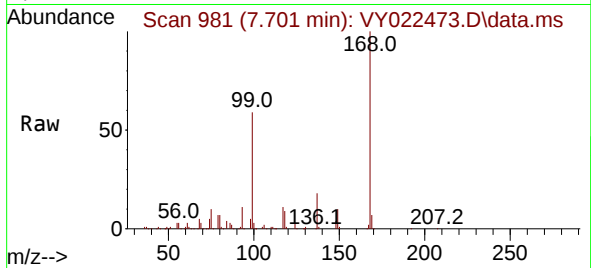




#36
 1,1-Dichloropropene
 Concen: 5.110 ug/l
 RT: 7.701 min Scan# 981
 Delta R.T. -0.140 min
 Lab File: VY022473.D
 Acq: 30 May 2025 12:42

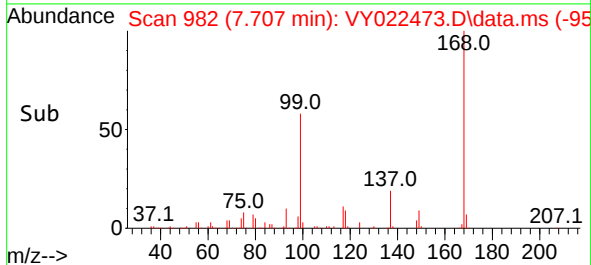
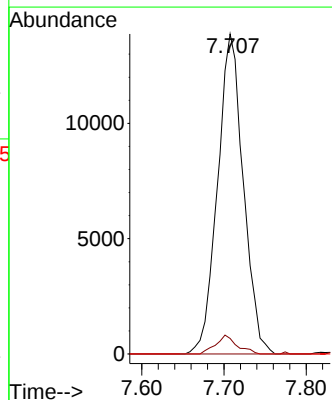
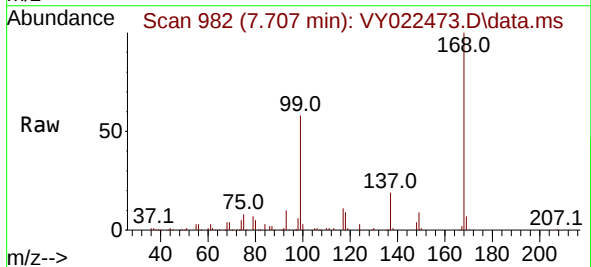
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0530SBL01

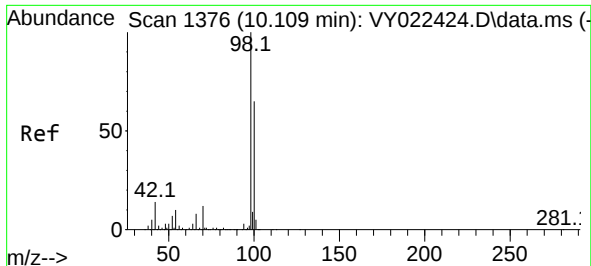
Tgt Ion: 75 Resp: 25582
 Ion Ratio Lower Upper
 75 100
 110 8.4 17.1 51.2#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 5.798 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.116 min
 Lab File: VY022473.D
 Acq: 30 May 2025 12:42

Tgt Ion: 117 Resp: 30234
 Ion Ratio Lower Upper
 117 100
 119 4.9 76.3 114.5#
 121 0.0 26.1 39.1#

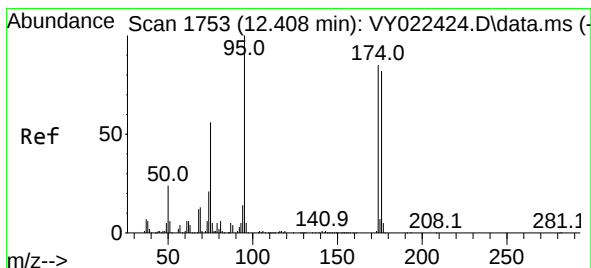
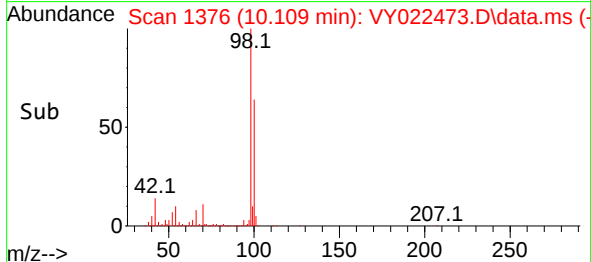
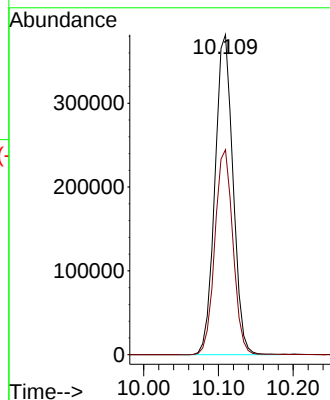
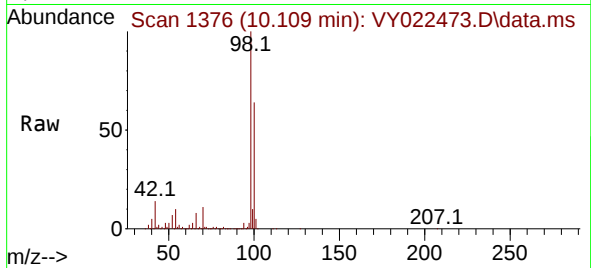




#50
Toluene-d8
Concen: 49.916 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022473.D
Acq: 30 May 2025 12:42

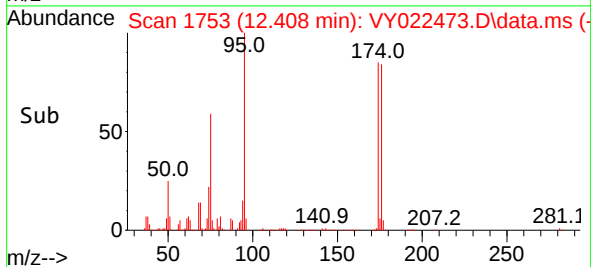
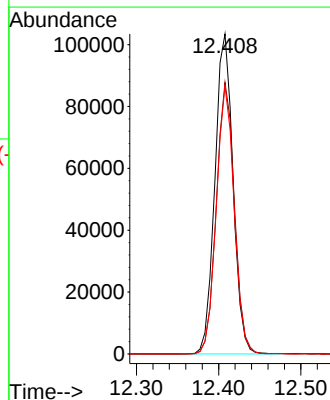
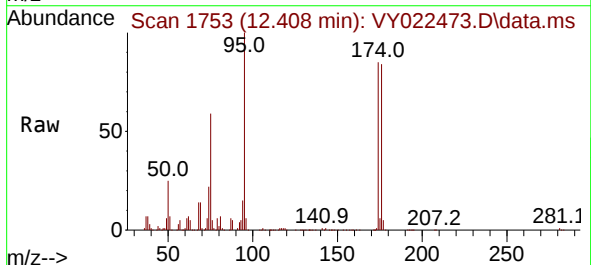
Instrument :
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ClientSampleId :
VY0530SBL01

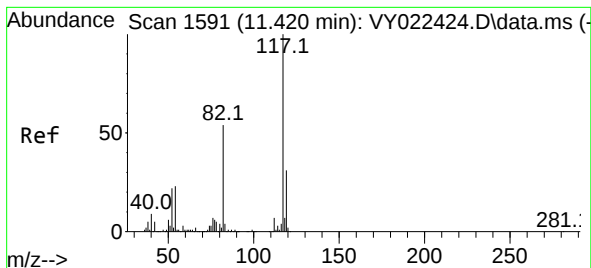
Tgt Ion: 98 Resp: 641910
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 40.692 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022473.D
Acq: 30 May 2025 12:42

Tgt Ion: 95 Resp: 158287
Ion Ratio Lower Upper
95 100
174 84.9 0.0 171.6
176 82.5 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022473.D

Acq: 30 May 2025 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0530SBL01

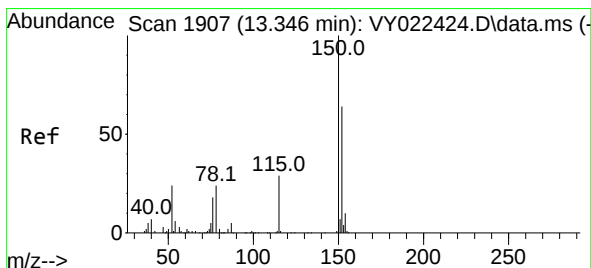
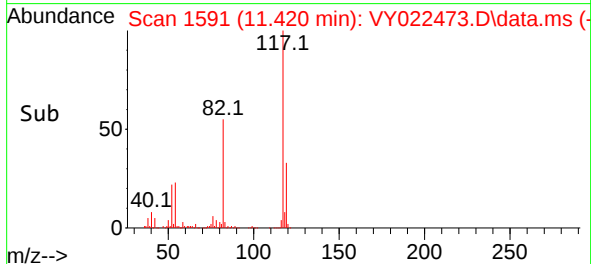
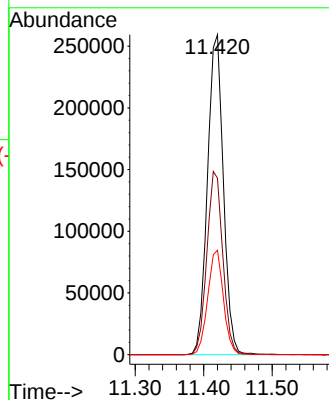
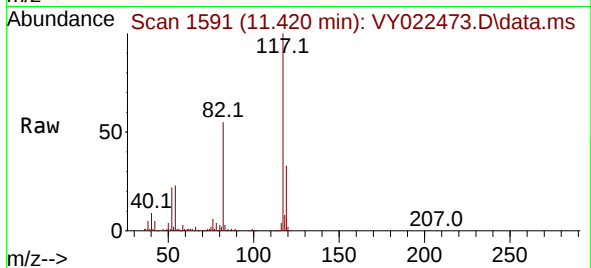
Tgt Ion:117 Resp: 419577

Ion Ratio Lower Upper

117 100

82 55.2 43.3 64.9

119 32.7 24.5 36.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022473.D

Acq: 30 May 2025 12:42

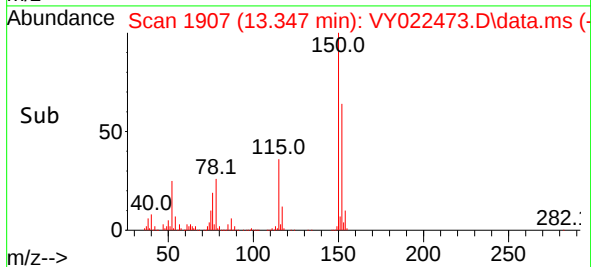
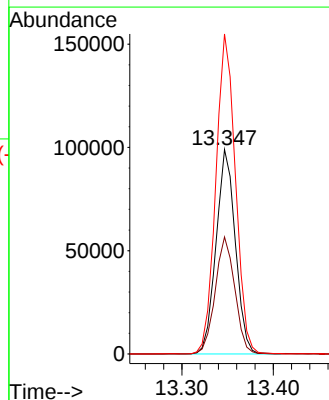
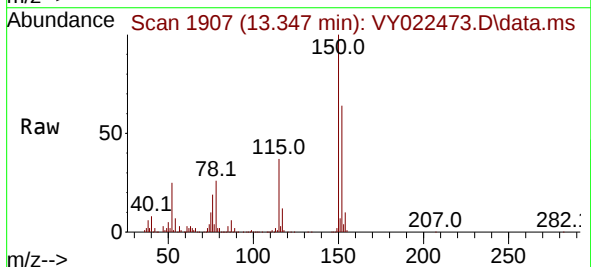
Tgt Ion:152 Resp: 145190

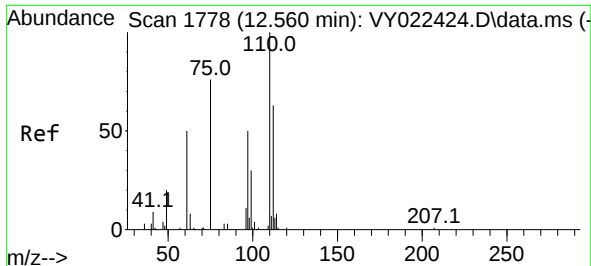
Ion Ratio Lower Upper

152 100

115 58.0 28.4 85.3

150 158.9 0.0 345.8

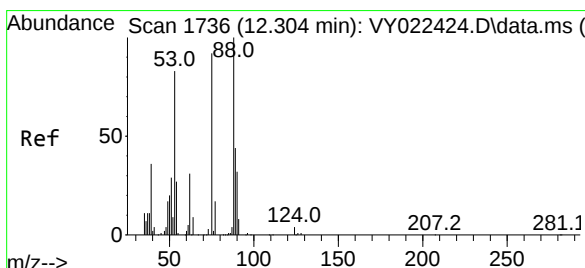
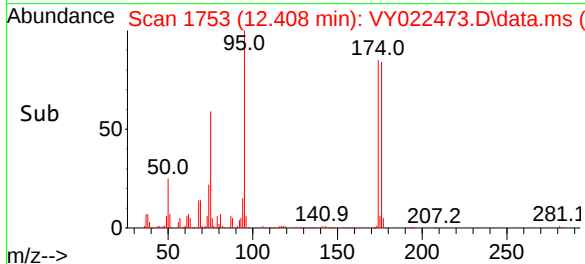
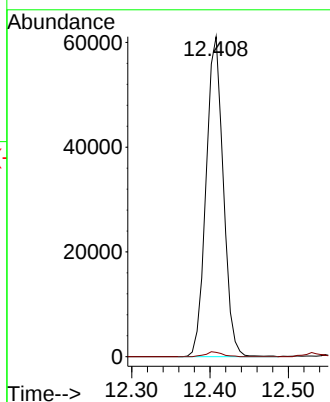
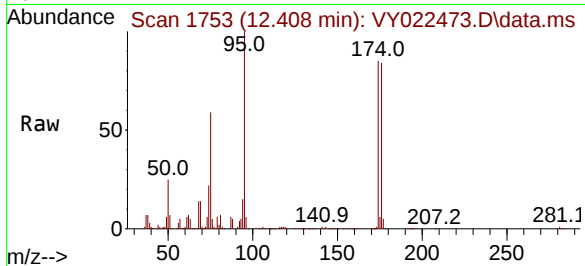




#76
1,2,3-Trichloropropane
Concen: 63.933 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY022473.D
Acq: 30 May 2025 12:42

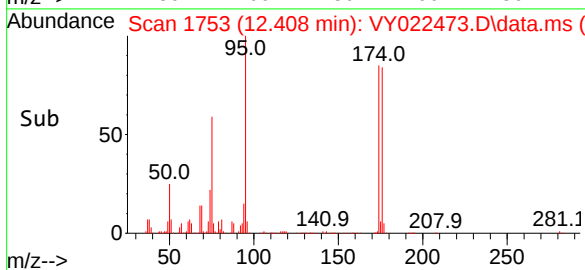
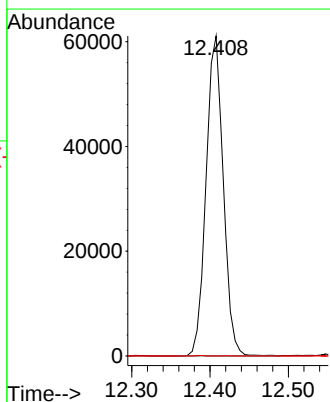
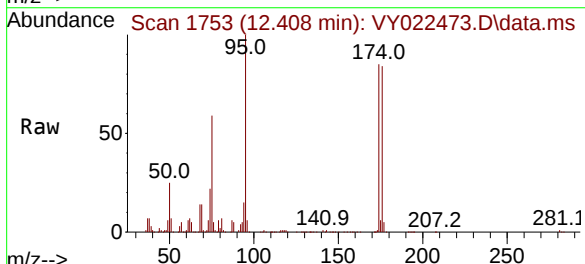
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBL01

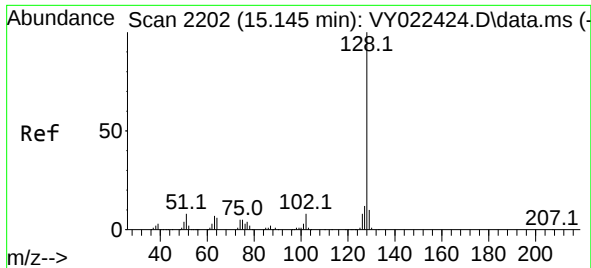
Tgt Ion: 75 Resp: 92978
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 144.581 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY022473.D
Acq: 30 May 2025 12:42

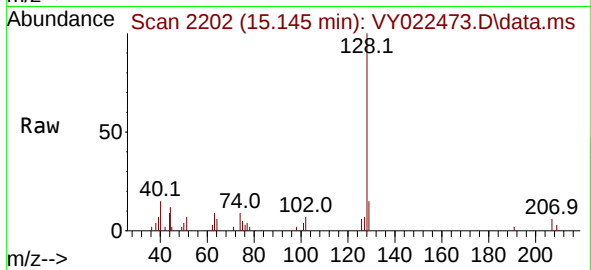
Tgt Ion: 75 Resp: 92978
Ion Ratio Lower Upper
75 100
53 0.0 75.1 112.7#
89 0.0 37.4 56.0#





#95
Naphthalene
Concen: 1.197 ug/l
RT: 15.145 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY022473.D
Acq: 30 May 2025 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBL01



Tgt Ion:128 Resp: 5071
Ion Ratio Lower Upper
128 100
127 6.4 10.2 15.4#
129 11.4 8.5 12.7

