

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
 Data File : VY022499.D
 Acq On : 02 Jun 2025 16:00
 Operator : SY/MD
 Sample : VY0602SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBL02

Quant Time: Jun 03 04:06:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

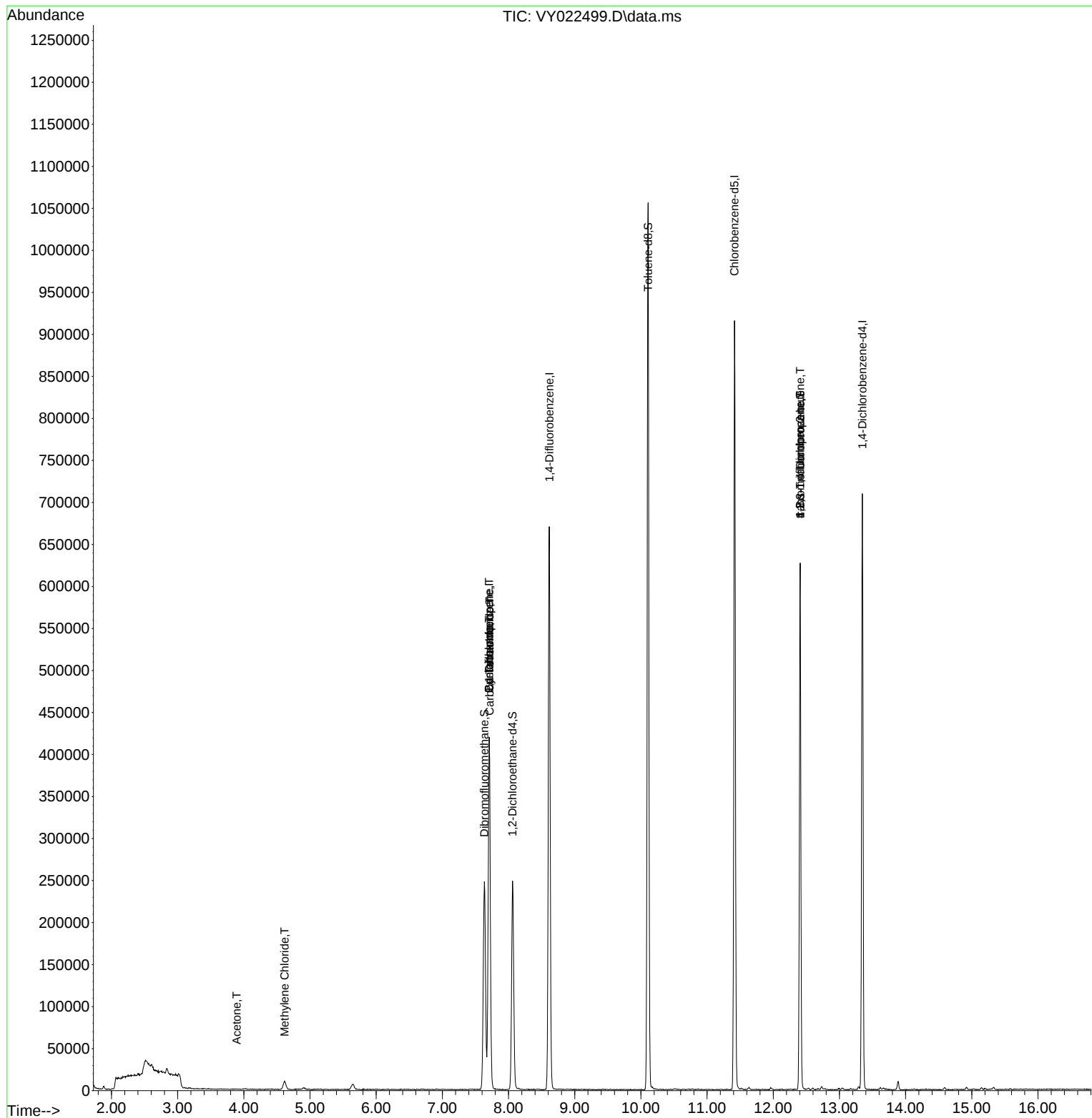
Internal Standards						
1) Pentafluorobenzene	7.707	168	309051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	557091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	442919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	162489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	183940	53.215	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.420%	
35) Dibromofluoromethane	7.634	113	169603	51.006	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.020%	
50) Toluene-d8	10.109	98	667368	49.671	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.340%	
62) 4-Bromofluorobenzene	12.408	95	171494	42.839	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 85.680%	
Target Compounds						
					Qvalue	
16) Acetone	3.891	43	820	1.168	ug/l #	45
20) Methylene Chloride	4.616	84	6458	1.620	ug/l	91
31) Cyclohexane	7.707	56	8823	1.328	ug/l #	35
36) 1,1-Dichloropropene	7.707	75	27496	5.095	ug/l #	50
38) Carbon Tetrachloride	7.713	117	31623	5.712	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	99720	53.644	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	99720	129.546	ug/l #	10

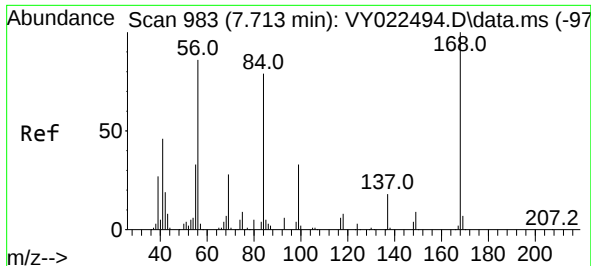
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022499.D
Acq On : 02 Jun 2025 16:00
Operator : SY/MD
Sample : VY0602SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBL02

Quant Time: Jun 03 04:06:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

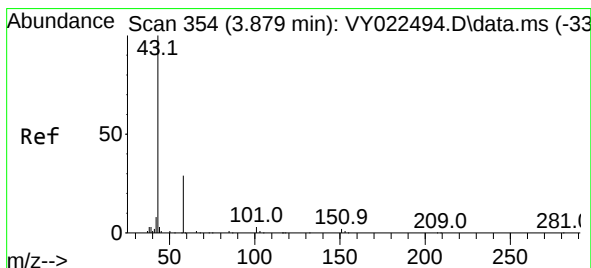
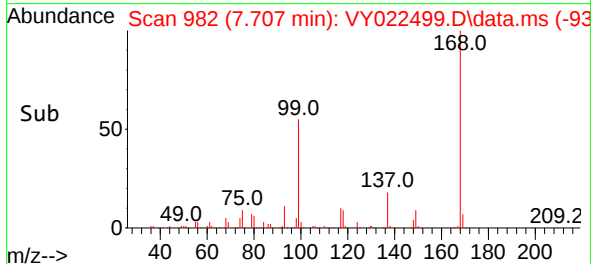
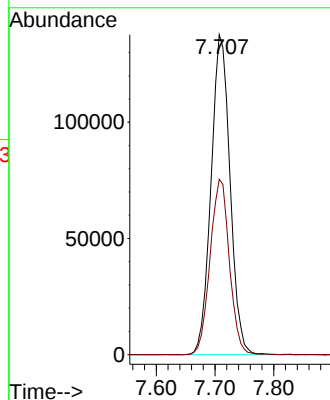
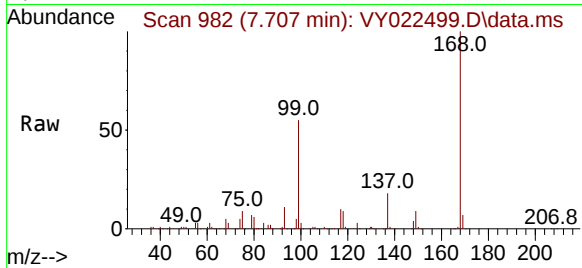




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022499.D
Acq: 02 Jun 2025 16:00

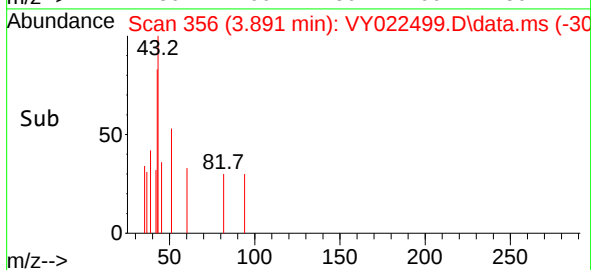
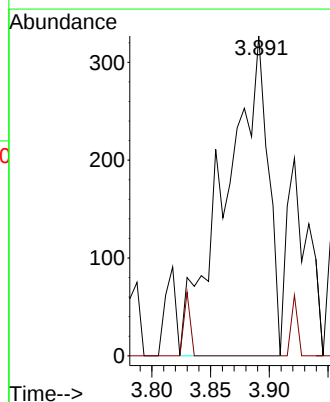
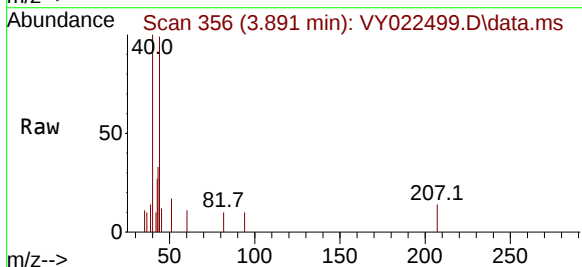
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBL02

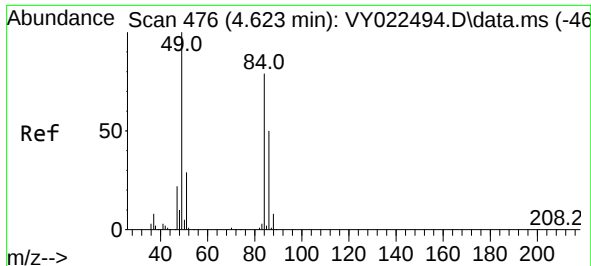
Tgt Ion:168 Resp: 309051
Ion Ratio Lower Upper
168 100
99 54.8 44.3 66.5



#16
Acetone
Concen: 1.168 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.012 min
Lab File: VY022499.D
Acq: 02 Jun 2025 16:00

Tgt Ion: 43 Resp: 820
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#





#20

Methylene Chloride

Concen: 1.620 ug/l

RT: 4.616 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY022499.D

Acq: 02 Jun 2025 16:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBL02

Tgt Ion: 84 Resp: 6458

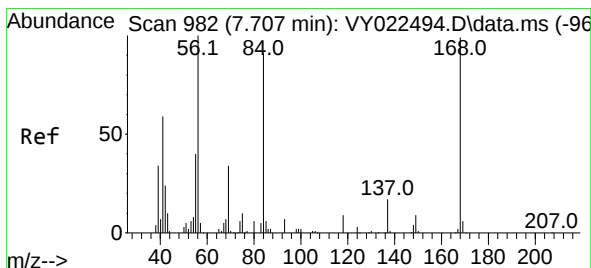
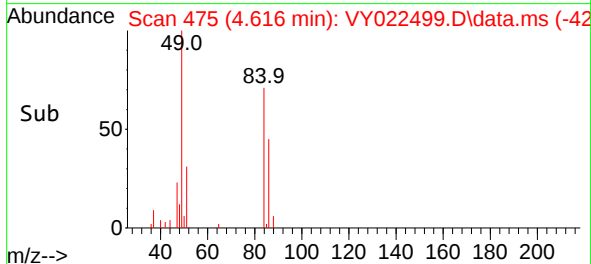
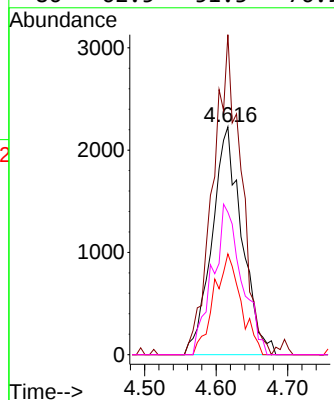
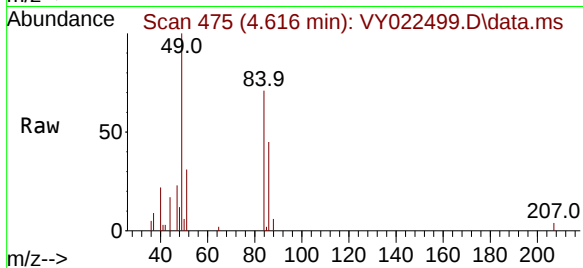
Ion Ratio Lower Upper

84 100

49 140.4 101.9 152.9

51 44.2 29.8 44.8

86 62.5 51.3 76.9



#31

Cyclohexane

Concen: 1.328 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.000 min

Lab File: VY022499.D

Acq: 02 Jun 2025 16:00

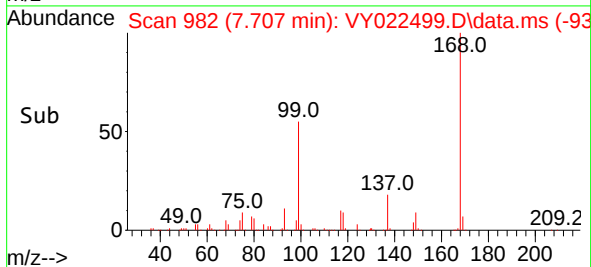
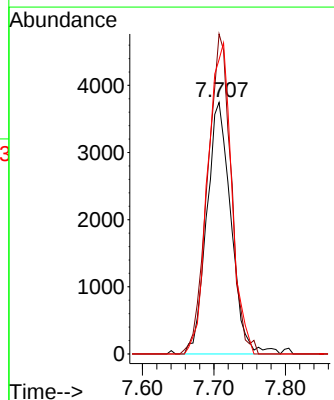
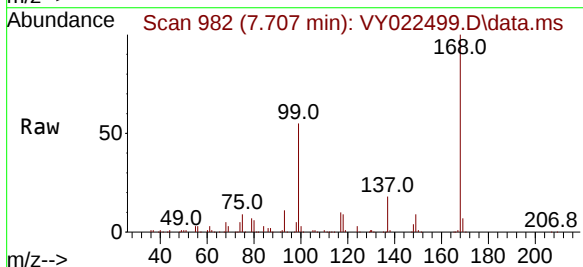
Tgt Ion: 56 Resp: 8823

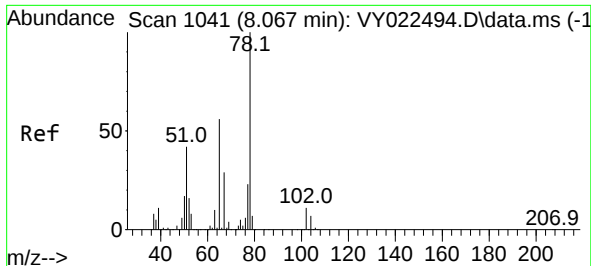
Ion Ratio Lower Upper

56 100

69 127.2 27.0 40.6#

84 117.0 72.6 109.0#





#33

1,2-Dichloroethane-d4

Concen: 53.215 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022499.D

Acq: 02 Jun 2025 16:00

Instrument :

MSVOA_Y

ClientSampleId :

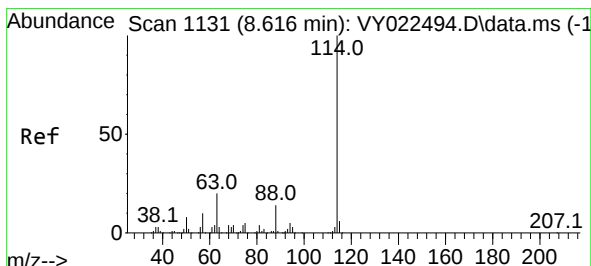
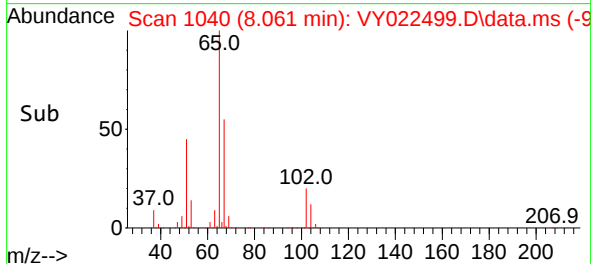
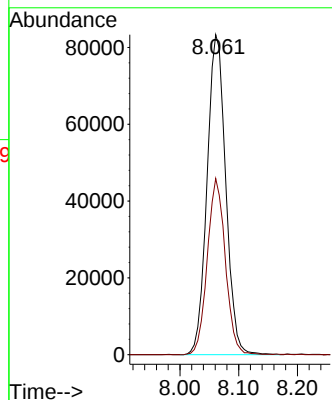
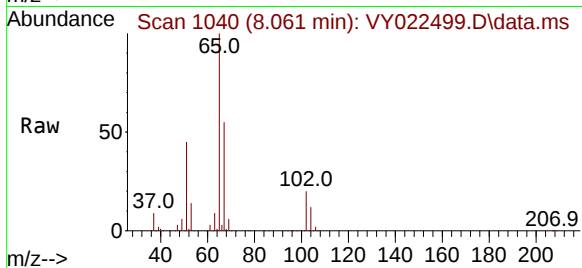
VY0602SBL02

Tgt Ion: 65 Resp: 183940

Ion Ratio Lower Upper

65 100

67 53.1 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022499.D

Acq: 02 Jun 2025 16:00

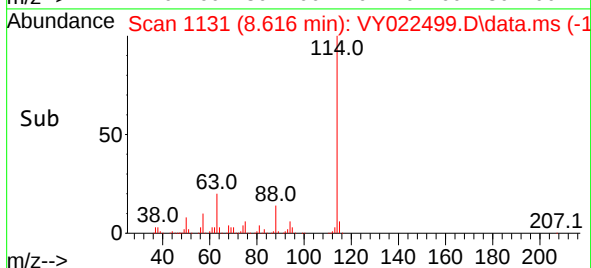
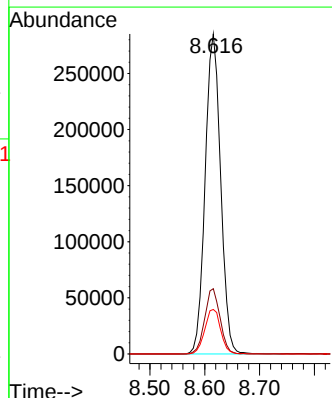
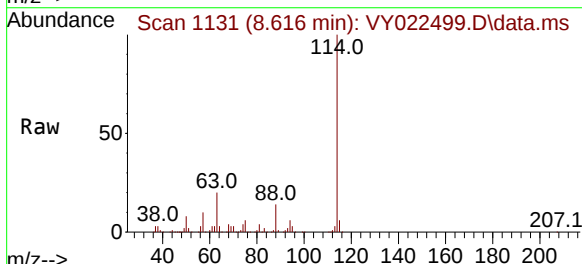
Tgt Ion: 114 Resp: 557091

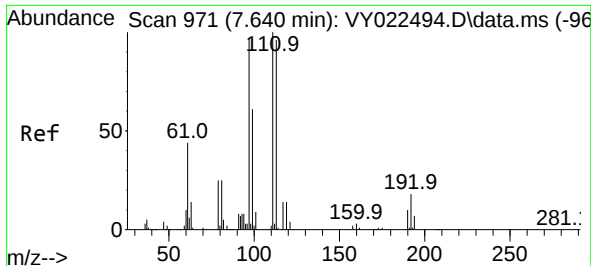
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 13.9 0.0 27.8

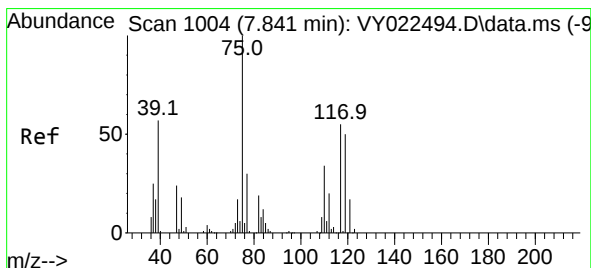
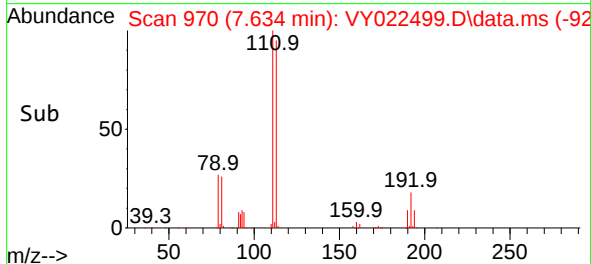
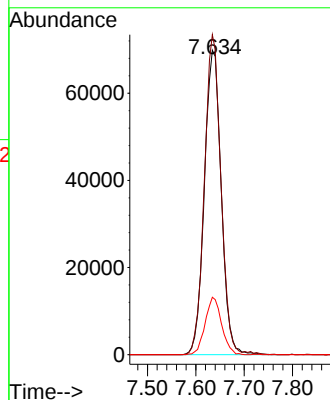
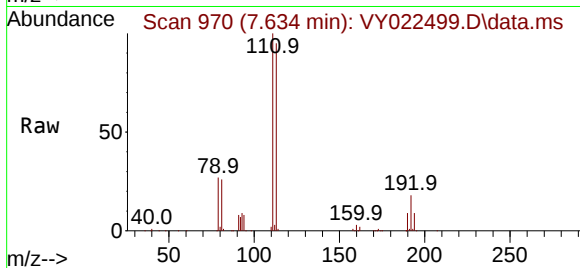




#35
Dibromofluoromethane
Concen: 51.006 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022499.D
Acq: 02 Jun 2025 16:00

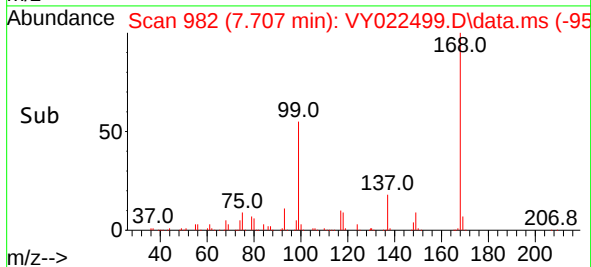
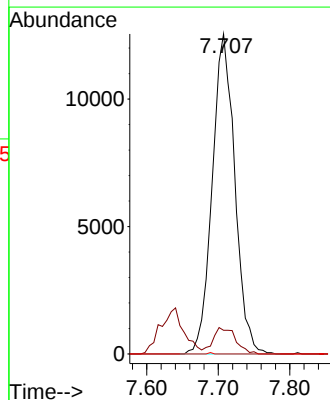
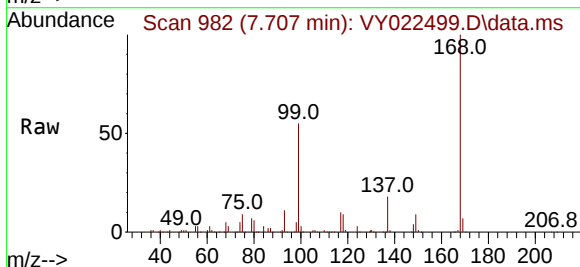
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBL02

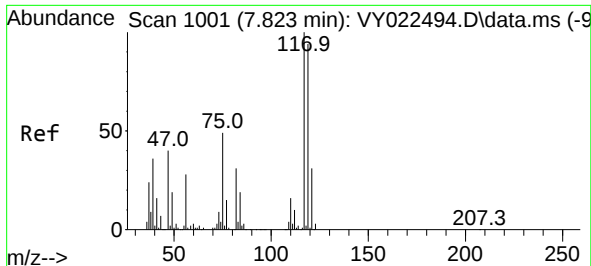
Tgt Ion:113 Resp: 169603
Ion Ratio Lower Upper
113 100
111 102.8 81.1 121.7
192 18.4 14.2 21.2



#36
1,1-Dichloropropene
Concen: 5.095 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY022499.D
Acq: 02 Jun 2025 16:00

Tgt Ion: 75 Resp: 27496
Ion Ratio Lower Upper
75 100
110 8.3 16.9 50.7#
77 0.1 24.8 37.2#

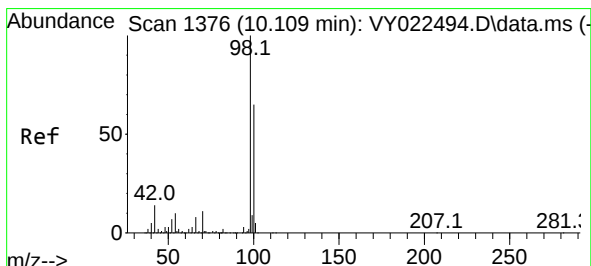
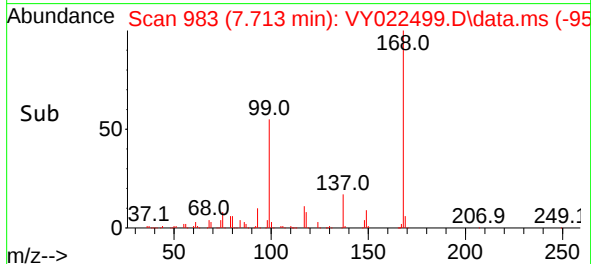
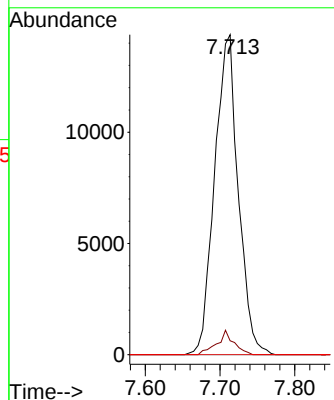
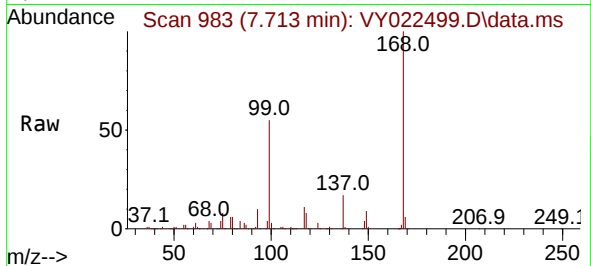




#38
Carbon Tetrachloride
Concen: 5.712 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY022499.D
Acq: 02 Jun 2025 16:00

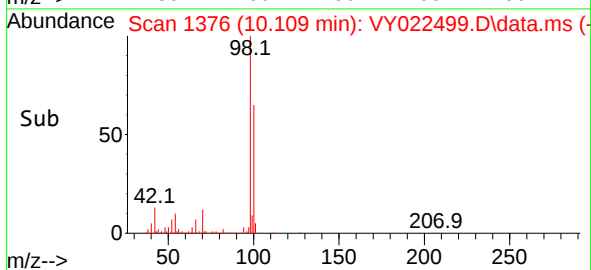
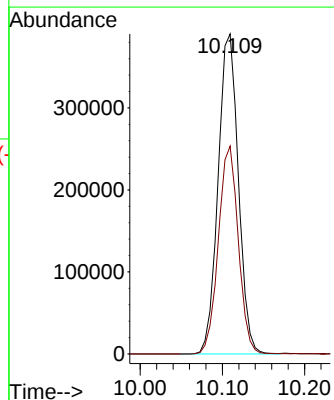
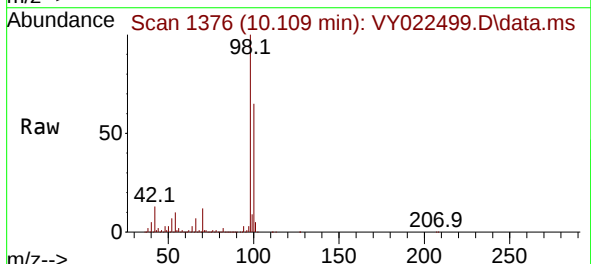
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBL02

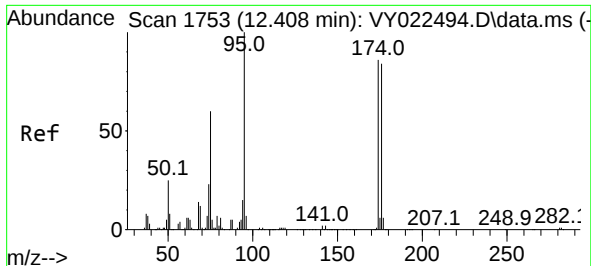
Tgt Ion:117 Resp: 31623
Ion Ratio Lower Upper
117 100
119 4.4 75.0 112.6#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 49.671 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022499.D
Acq: 02 Jun 2025 16:00

Tgt Ion: 98 Resp: 667368
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0

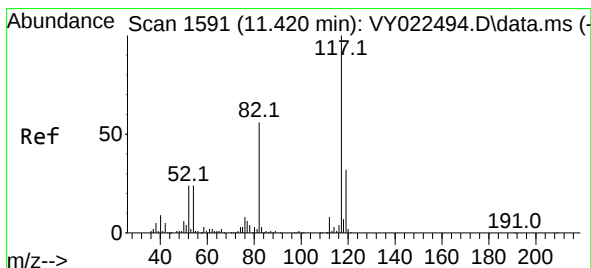
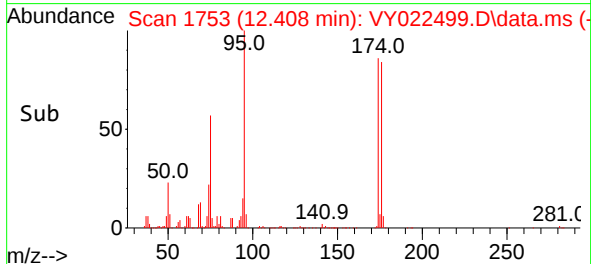
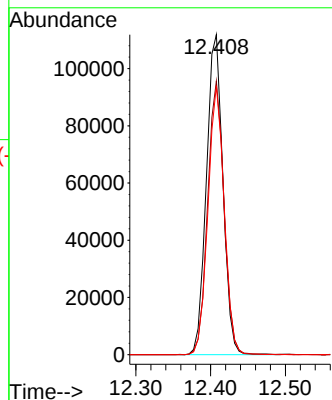
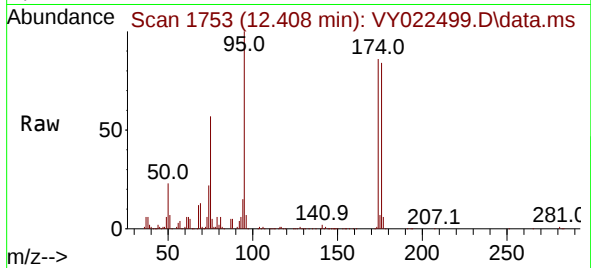




#62
4-Bromofluorobenzene
Concen: 42.839 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022499.D
Acq: 02 Jun 2025 16:00

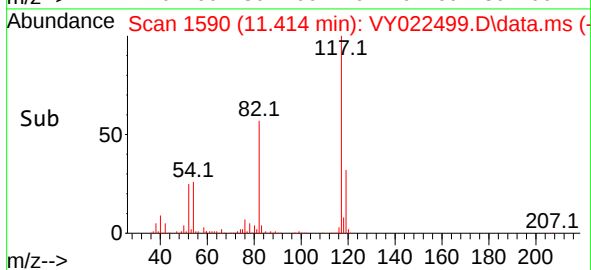
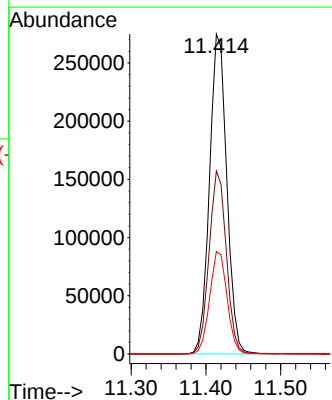
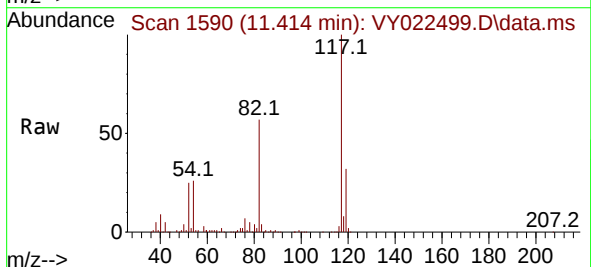
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBL02

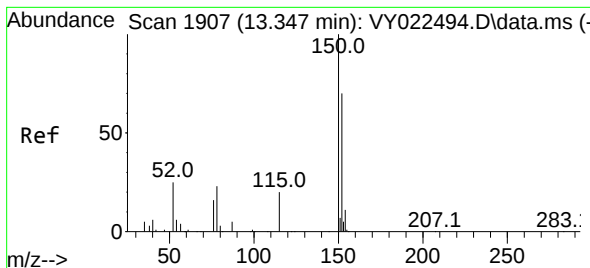
Tgt Ion: 95 Resp: 171494
Ion Ratio Lower Upper
95 100
174 84.7 0.0 170.0
176 82.6 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022499.D
Acq: 02 Jun 2025 16:00

Tgt Ion: 117 Resp: 442919
Ion Ratio Lower Upper
117 100
82 57.2 44.6 66.8
119 32.0 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022499.D

Acq: 02 Jun 2025 16:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBL02

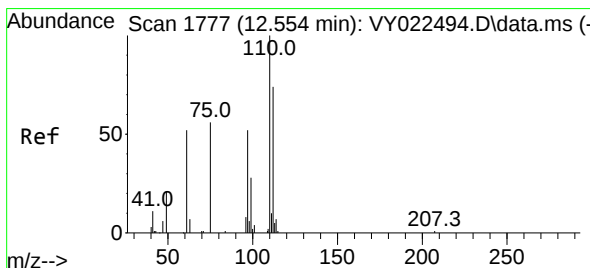
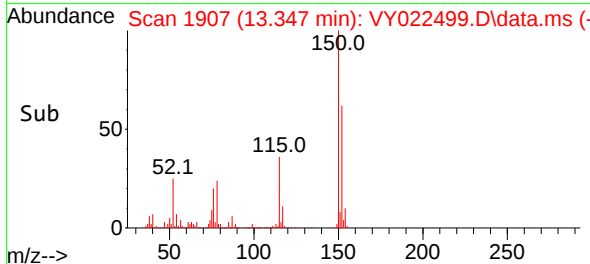
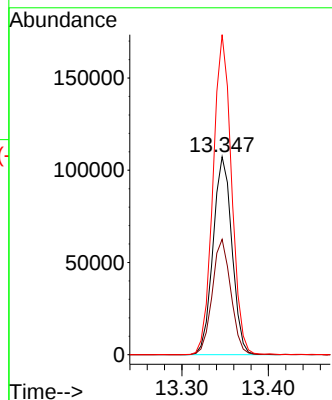
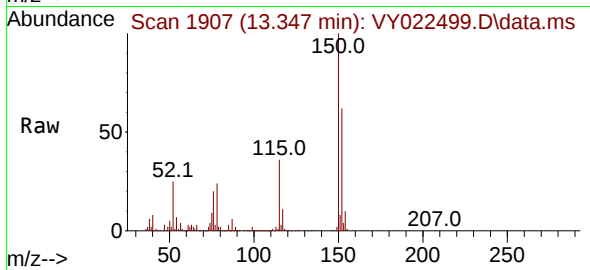
Tgt Ion:152 Resp: 162489

Ion Ratio Lower Upper

152 100

115 57.4 28.9 86.7

150 158.3 0.0 349.6



#76

1,2,3-Trichloropropane

Concen: 53.644 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY022499.D

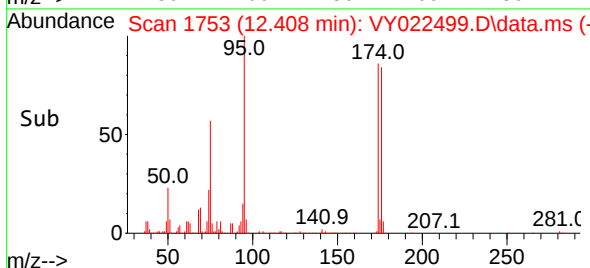
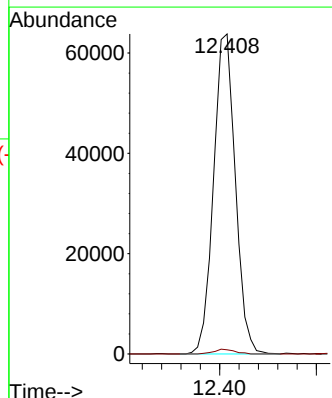
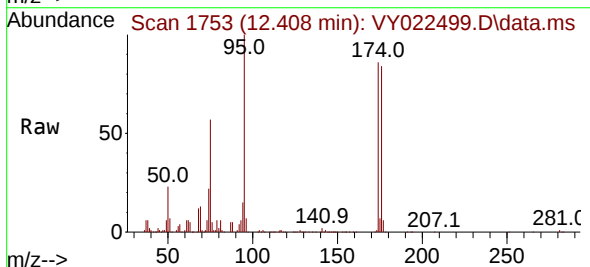
Acq: 02 Jun 2025 16:00

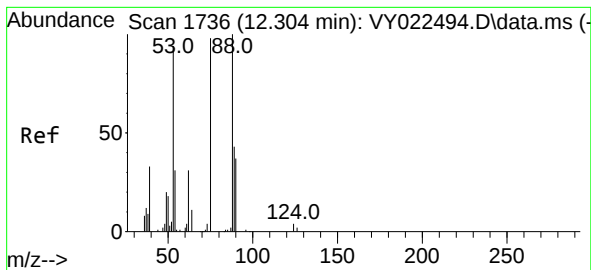
Tgt Ion: 75 Resp: 99720

Ion Ratio Lower Upper

75 100

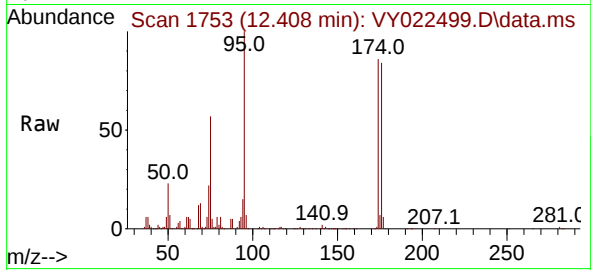
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 129.546 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY022499.D
Acq: 02 Jun 2025 16:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBL02



Tgt Ion: 75 Resp: 99720
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 35.7 53.5#

