

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063025\
 Data File : VY022879.D
 Acq On : 30 Jun 2025 14:52
 Operator : SY/MD
 Sample : Q2436-05
 Misc : 6.13g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-84

Quant Time: Jul 01 03:38:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

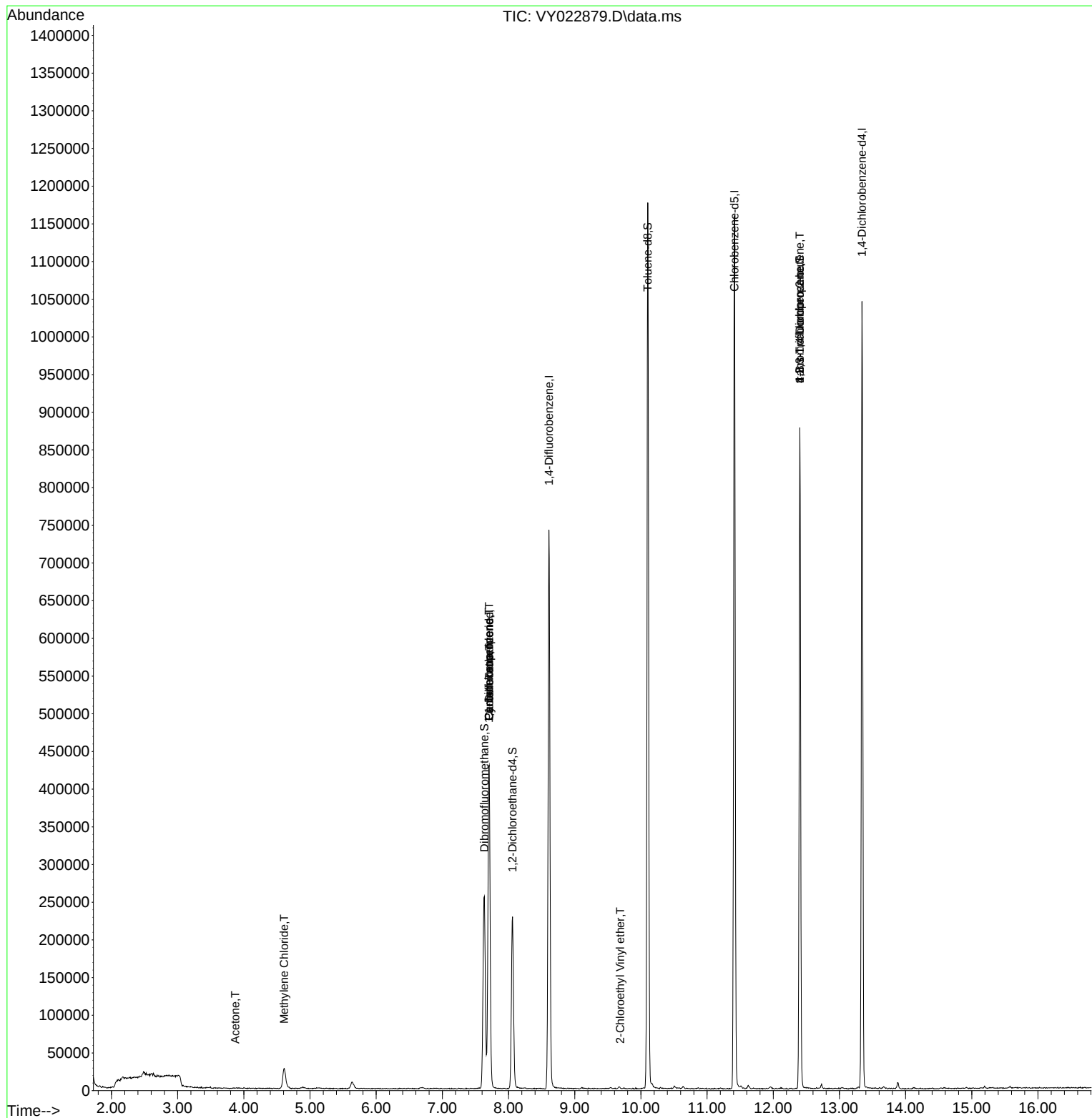
Internal Standards						
1) Pentafluorobenzene	7.707	168	323652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	612070	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	599073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	250413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	180181	49.880	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.760%
35) Dibromofluoromethane	7.634	113	185558	49.850	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.700%
50) Toluene-d8	10.103	98	747799	50.627	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.260%
62) 4-Bromofluorobenzene	12.402	95	259107	54.568	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.140%
Target Compounds						Qvalue
16) Acetone	3.873	43	1330	1.948	ug/l	98
20) Methylene Chloride	4.610	84	19840	4.601	ug/l	97
31) Cyclohexane	7.707	56	8269	1.333	ug/l #	17
36) 1,1-Dichloropropene	7.701	75	28237	5.005	ug/l #	50
38) Carbon Tetrachloride	7.707	117	33443	5.618	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.689	63	23	15.665	ug/l #	48
76) 1,2,3-Trichloropropane	12.402	75	143534	56.145	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	143534	141.843	ug/l #	11

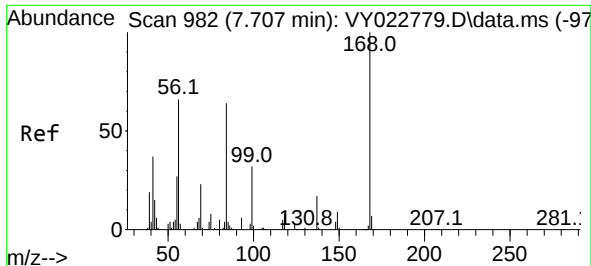
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063025\
Data File : VY022879.D
Acq On : 30 Jun 2025 14:52
Operator : SY/MD
Sample : Q2436-05
Misc : 6.13g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-84

Quant Time: Jul 01 03:38:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

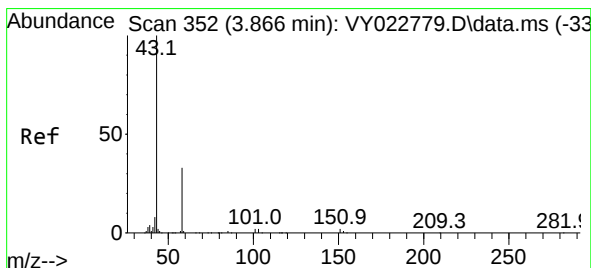
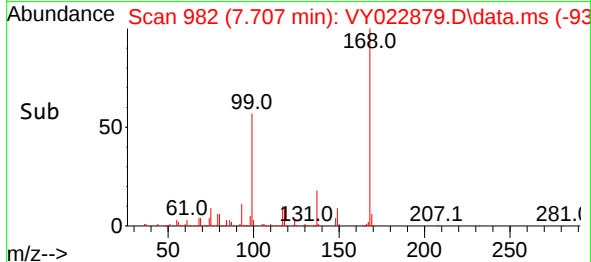
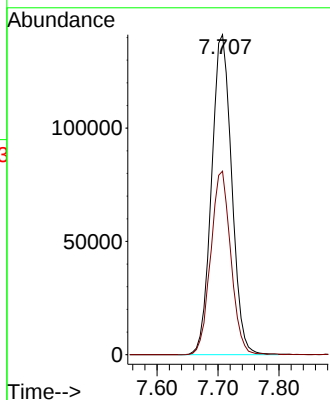
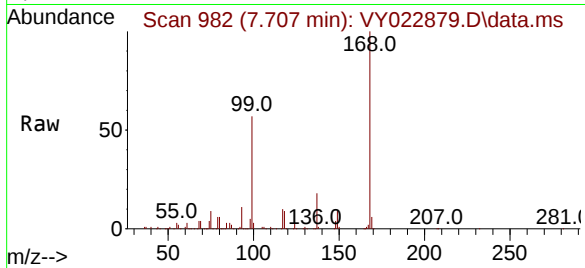




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022879.D
Acq: 30 Jun 2025 14:52

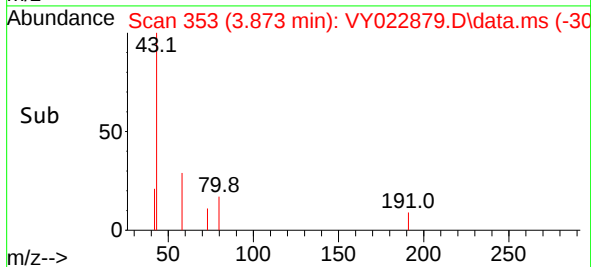
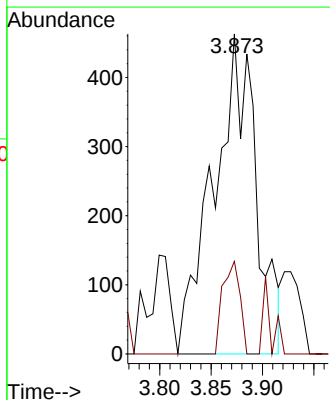
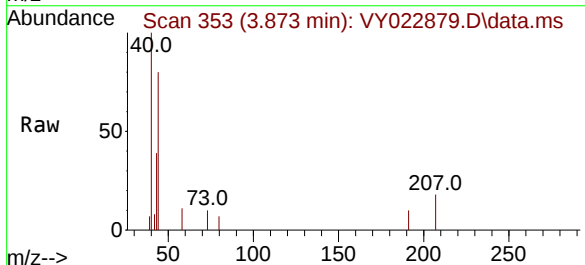
Instrument :
MSVOA_Y
ClientSampleId :
TP-84

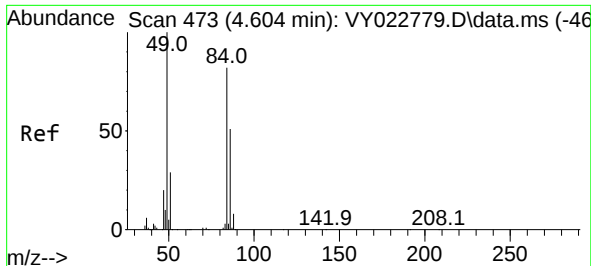
Tgt Ion:168 Resp: 323652
Ion Ratio Lower Upper
168 100
99 57.3 44.3 66.5



#16
Acetone
Concen: 1.948 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022879.D
Acq: 30 Jun 2025 14:52

Tgt Ion: 43 Resp: 1330
Ion Ratio Lower Upper
43 100
58 28.9 24.0 36.0

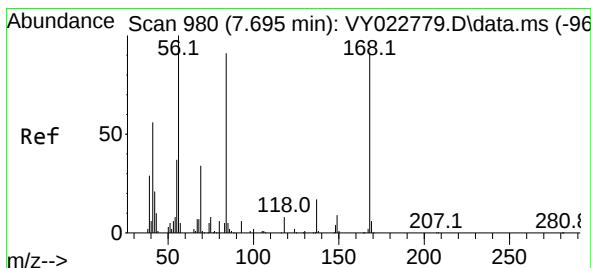
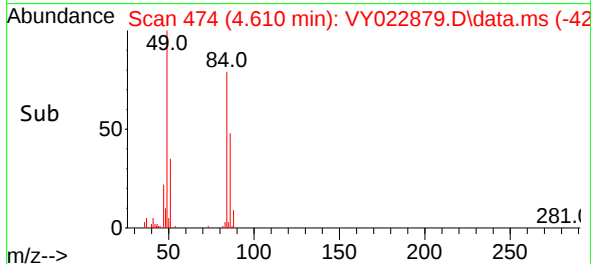
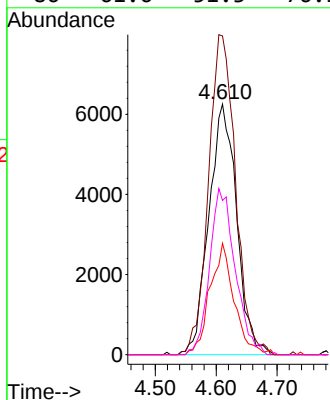
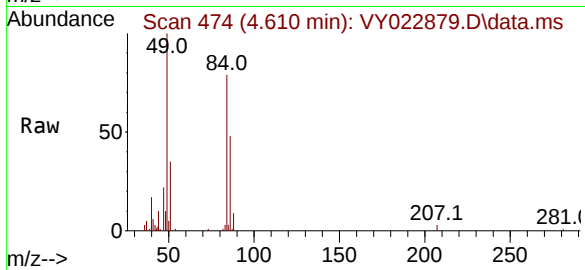




#20
Methylene Chloride
Concen: 4.601 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY022879.D
Acq: 30 Jun 2025 14:52

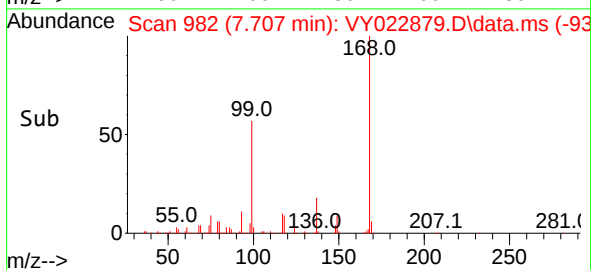
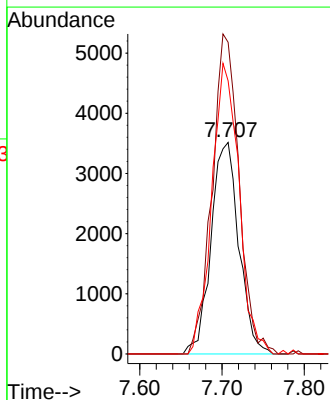
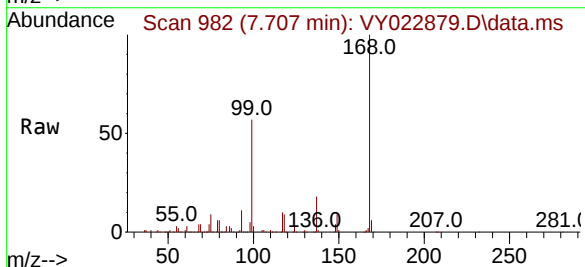
Instrument :
MSVOA_Y
ClientSampleId :
TP-84

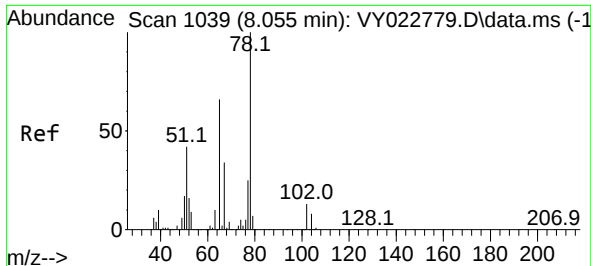
Tgt Ion:	84	Resp:	19840
Ion	Ratio	Lower	Upper
84	100		
49	127.2	101.9	152.9
51	44.4	29.8	44.8
86	61.6	51.3	76.9



#31
Cyclohexane
Concen: 1.333 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY022879.D
Acq: 30 Jun 2025 14:52

Tgt Ion:	56	Resp:	8269
Ion	Ratio	Lower	Upper
56	100		
69	147.3	27.0	40.6#
84	129.1	72.6	109.0#





#33

1,2-Dichloroethane-d4

Concen: 49.880 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY022879.D

Acq: 30 Jun 2025 14:52

Instrument :

MSVOA_Y

ClientSampleId :

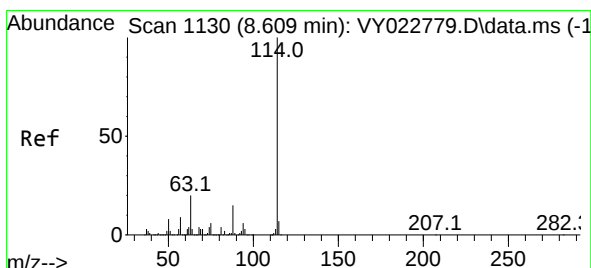
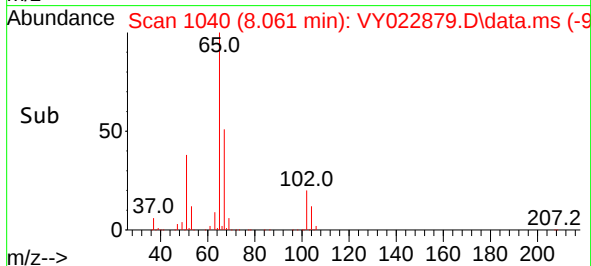
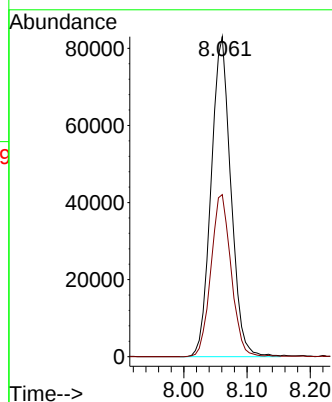
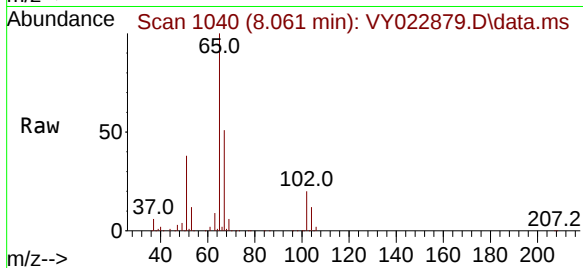
TP-84

Tgt Ion: 65 Resp: 180181

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022879.D

Acq: 30 Jun 2025 14:52

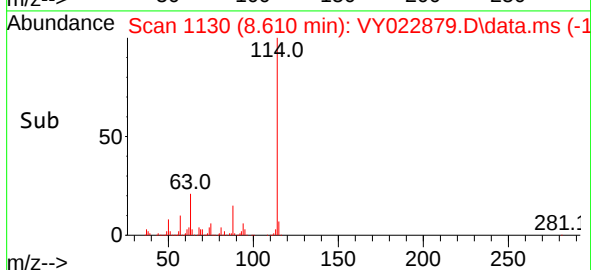
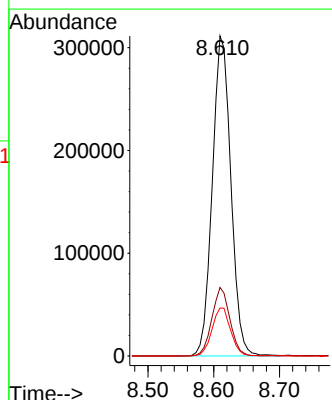
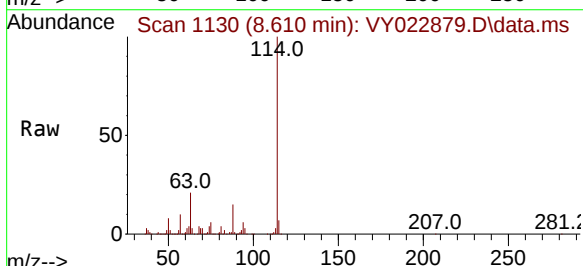
Tgt Ion: 114 Resp: 612070

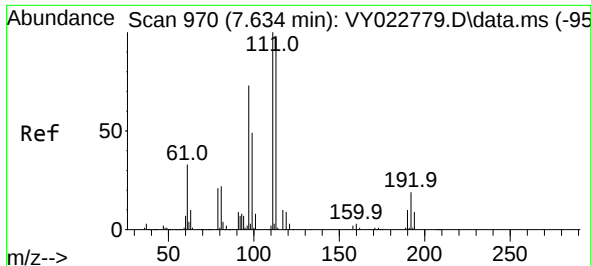
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.8

88 15.0 0.0 27.8

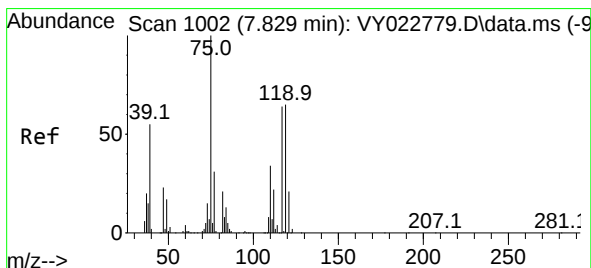
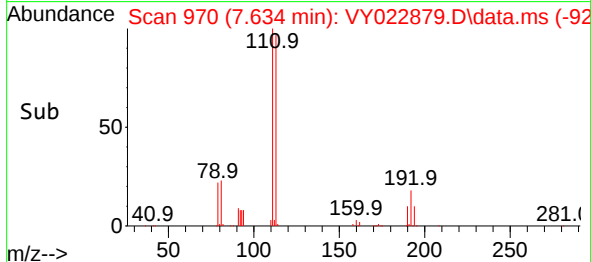
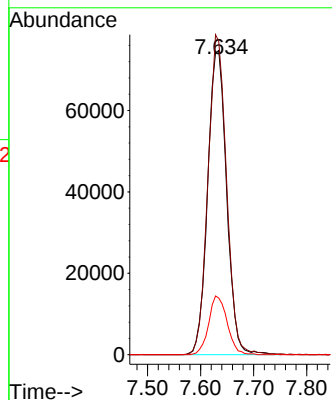
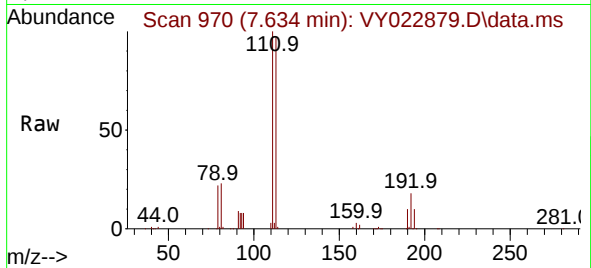




#35
Dibromofluoromethane
Concen: 49.850 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022879.D
Acq: 30 Jun 2025 14:52

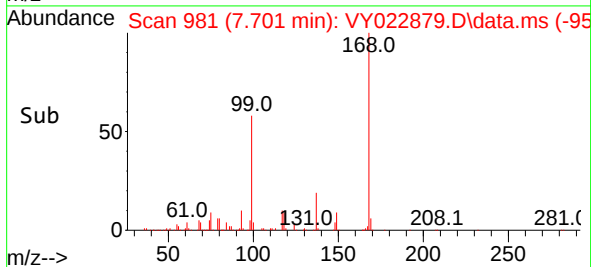
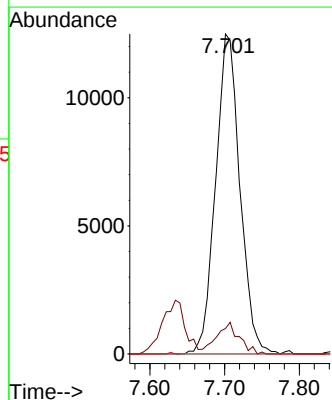
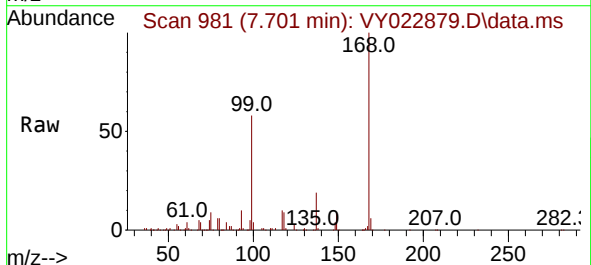
Instrument :
MSVOA_Y
ClientSampleId :
TP-84

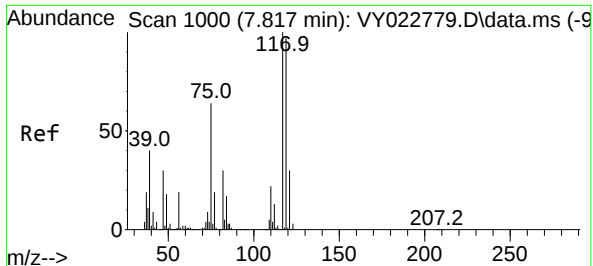
Tgt Ion:113 Resp: 185558
Ion Ratio Lower Upper
113 100
111 103.0 81.1 121.7
192 18.9 14.2 21.2



#36
1,1-Dichloropropene
Concen: 5.005 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.140 min
Lab File: VY022879.D
Acq: 30 Jun 2025 14:52

Tgt Ion: 75 Resp: 28237
Ion Ratio Lower Upper
75 100
110 9.1 16.9 50.7#
77 0.0 24.8 37.2#

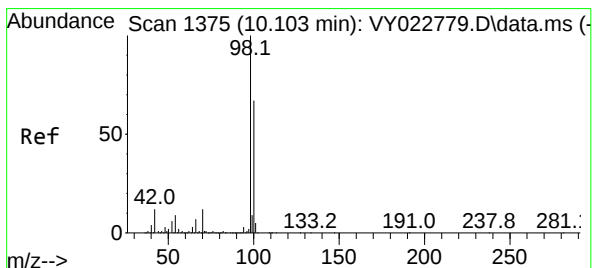
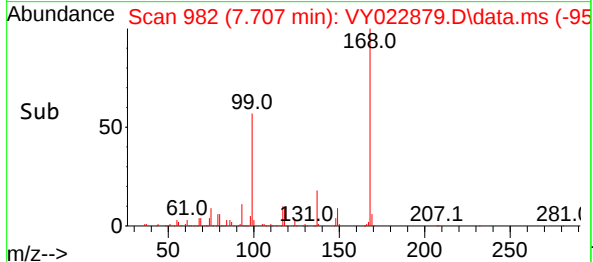
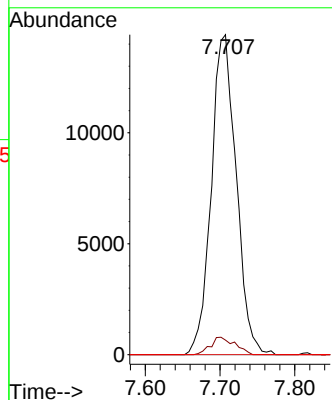
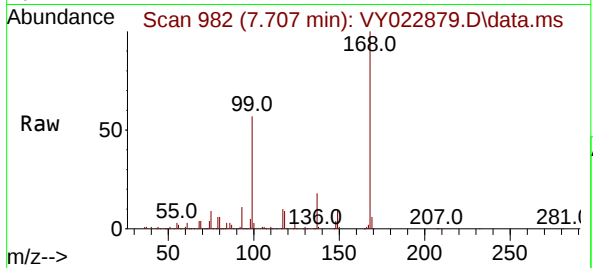




#38
Carbon Tetrachloride
Concen: 5.618 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY022879.D
Acq: 30 Jun 2025 14:52

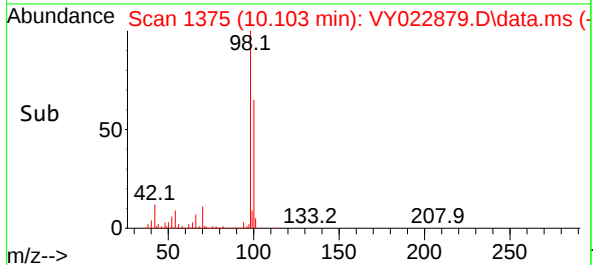
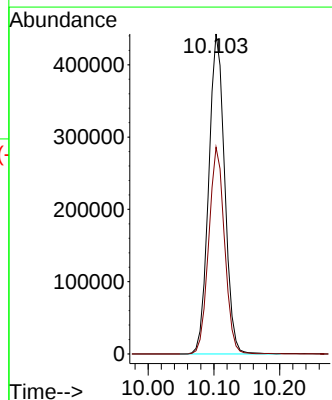
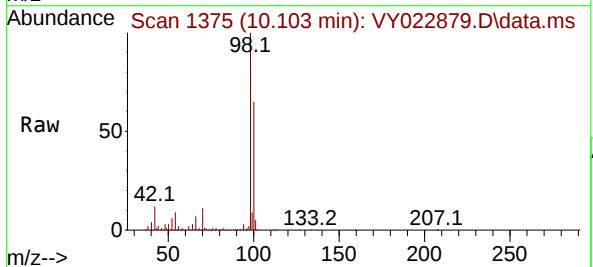
Instrument :
MSVOA_Y
ClientSampleId :
TP-84

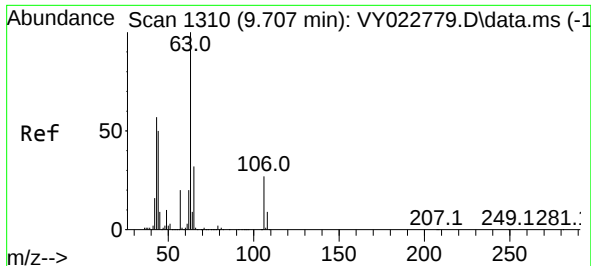
Tgt Ion:117 Resp: 33443
Ion Ratio Lower Upper
117 100
119 4.5 75.0 112.6#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 50.627 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022879.D
Acq: 30 Jun 2025 14:52

Tgt Ion: 98 Resp: 747799
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0

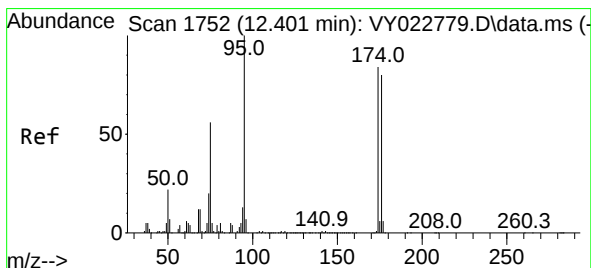
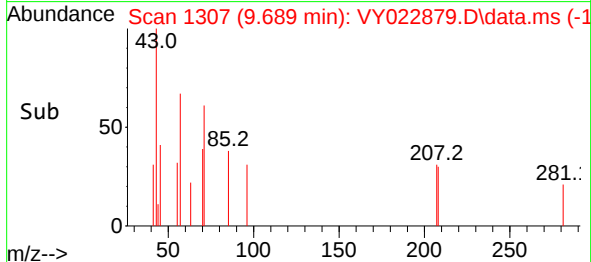
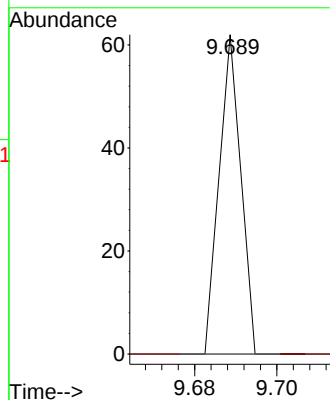
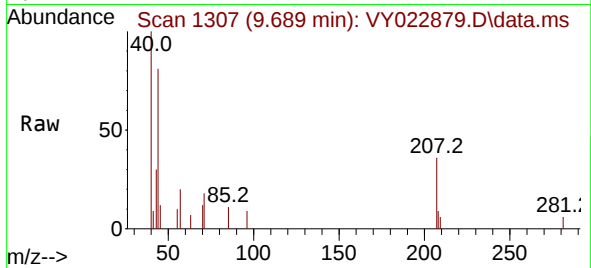




#58
2-Chloroethyl Vinyl ether
Concen: 15.665 ug/l
RT: 9.689 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY022879.D
Acq: 30 Jun 2025 14:52

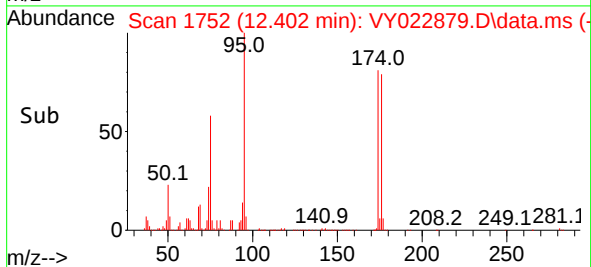
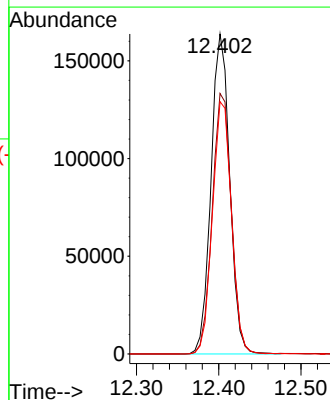
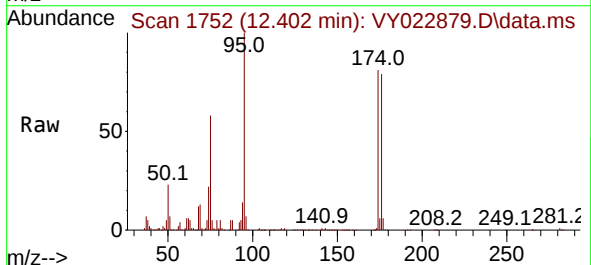
Instrument :
MSVOA_Y
ClientSampleId :
TP-84

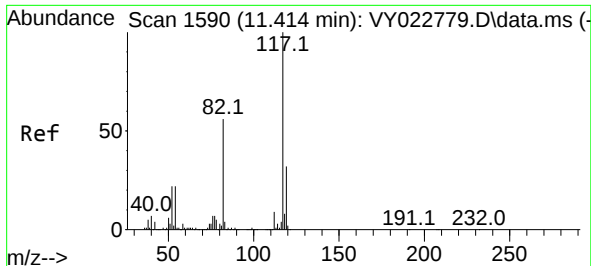
Tgt Ion: 63 Resp: 23
Ion Ratio Lower Upper
63 100
106 0.0 21.6 32.4#



#62
4-Bromofluorobenzene
Concen: 54.568 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022879.D
Acq: 30 Jun 2025 14:52

Tgt Ion: 95 Resp: 259107
Ion Ratio Lower Upper
95 100
174 83.2 0.0 170.0
176 80.3 0.0 166.2

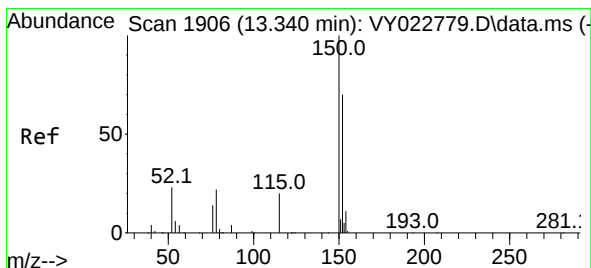
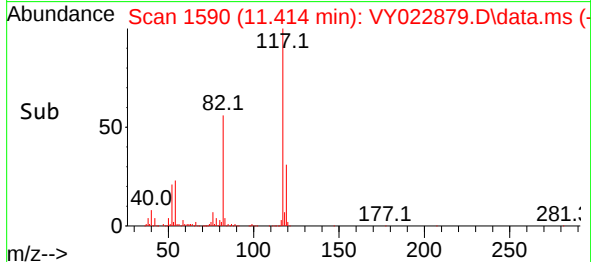
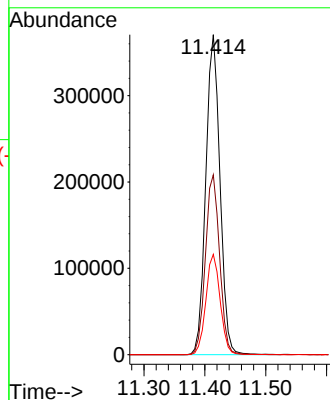
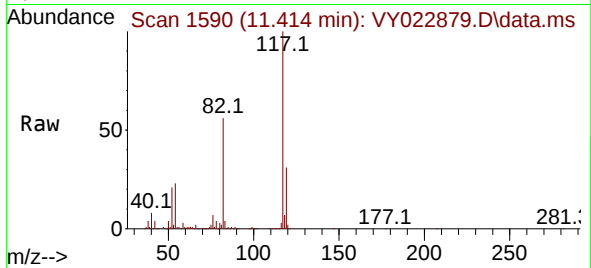




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY022879.D
Acq: 30 Jun 2025 14:52

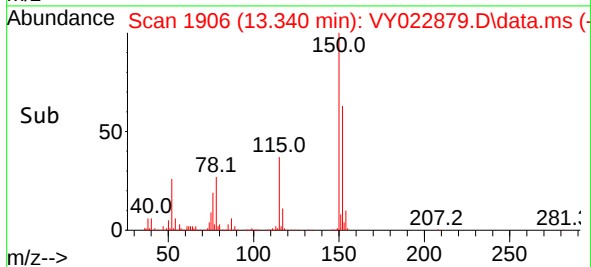
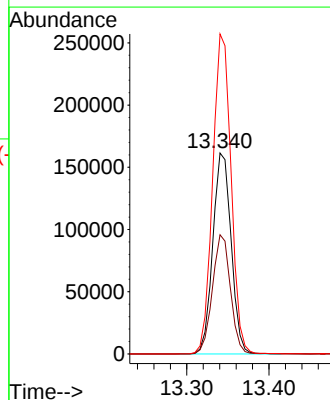
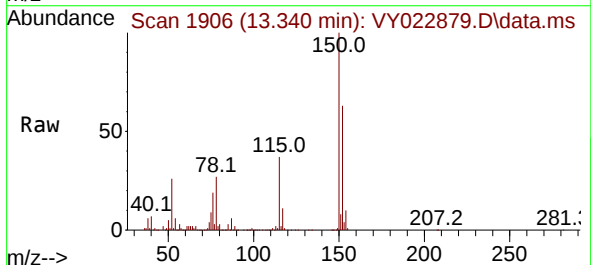
Instrument :
MSVOA_Y
ClientSampleId :
TP-84

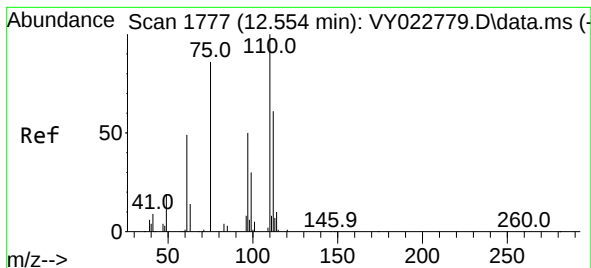
Tgt Ion:117 Resp: 599073
Ion Ratio Lower Upper
117 100
82 56.2 44.6 66.8
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY022879.D
Acq: 30 Jun 2025 14:52

Tgt Ion:152 Resp: 250413
Ion Ratio Lower Upper
152 100
115 58.5 28.9 86.7
150 159.5 0.0 349.6

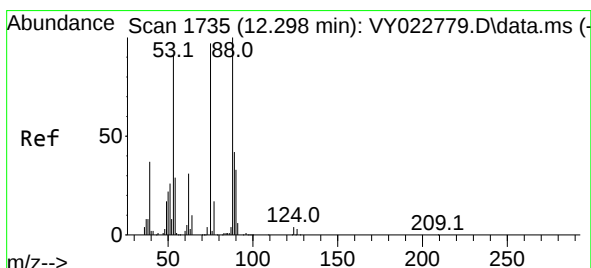
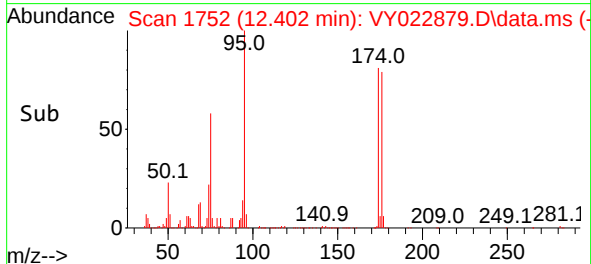
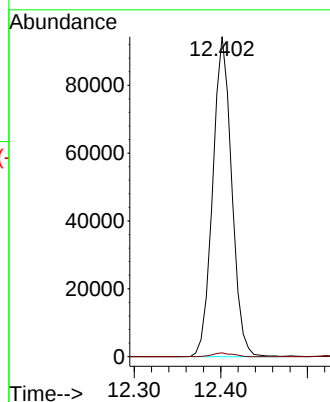
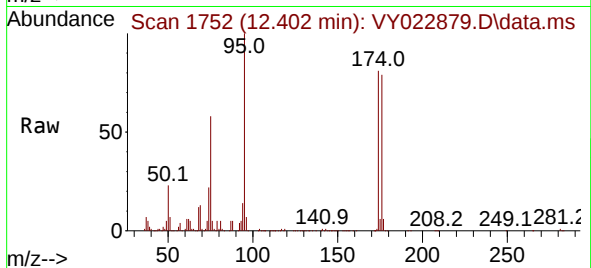




#76
 1,2,3-Trichloropropane
 Concen: 56.145 ug/l
 RT: 12.402 min Scan# 1752
 Delta R.T. -0.152 min
 Lab File: VY022879.D
 Acq: 30 Jun 2025 14:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-84

Tgt Ion: 75 Resp: 143534
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 141.843 ug/l
 RT: 12.402 min Scan# 1752
 Delta R.T. 0.097 min
 Lab File: VY022879.D
 Acq: 30 Jun 2025 14:52

Tgt Ion: 75 Resp: 143534
 Ion Ratio Lower Upper
 75 100
 53 0.2 78.5 117.7#
 89 0.0 35.7 53.5#

