

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081525\
 Data File : VY023112.D
 Acq On : 15 Aug 2025 09:08
 Operator : SY/MD
 Sample : VY0815SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0815SBL01

Quant Time: Aug 18 02:23:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

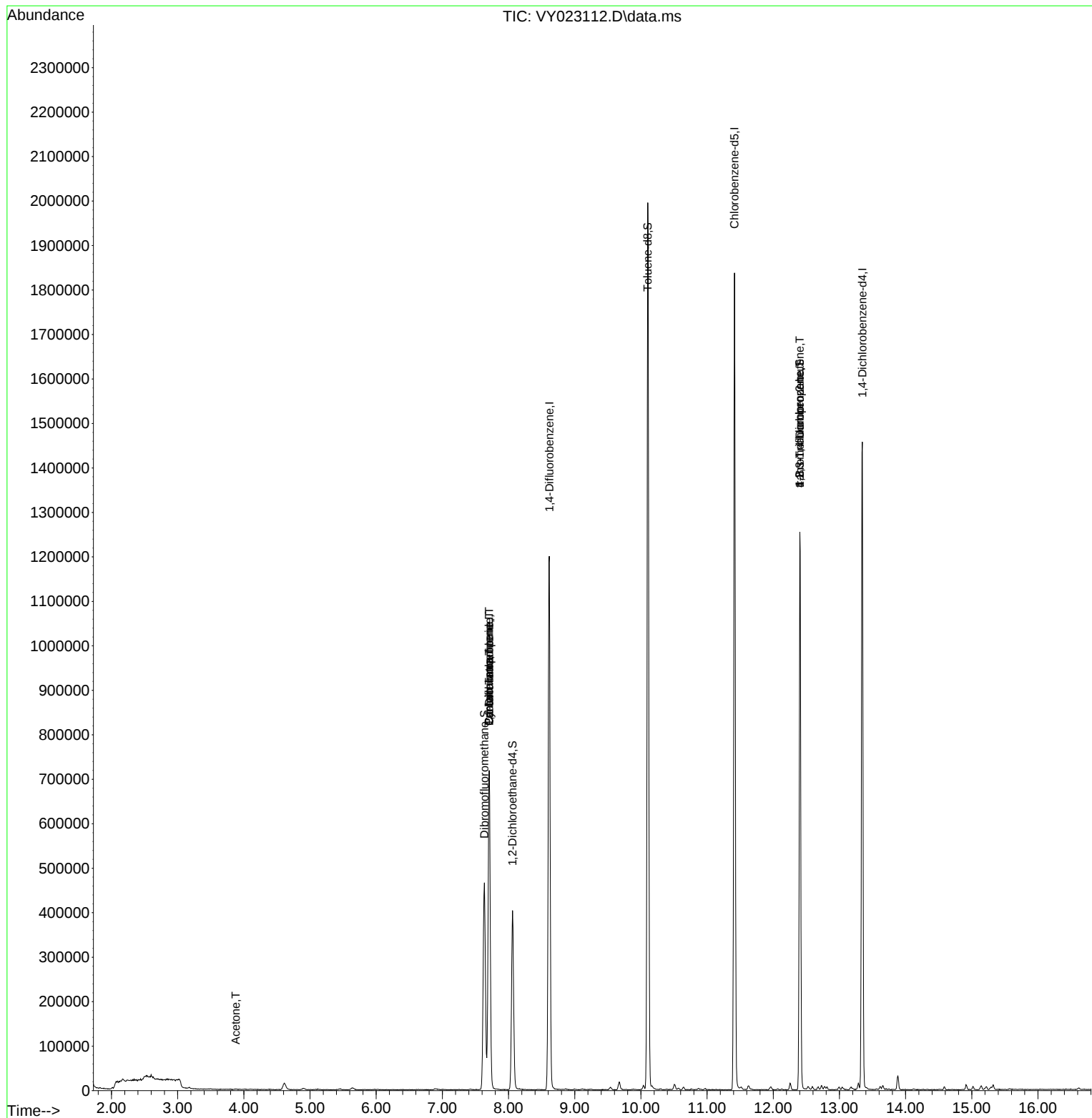
Internal Standards						
1) Pentafluorobenzene	7.707	168	550500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1049087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	953139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	370974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	313986	59.845	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.700%	
35) Dibromofluoromethane	7.634	113	330708	52.682	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.360%	
50) Toluene-d8	10.103	98	1285132	52.405	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.800%	
62) 4-Bromofluorobenzene	12.401	95	374958	47.544	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.080%	
Target Compounds						Qvalue
16) Acetone	3.879	43	1380	1.214	ug/l	97
20) Methylene Chloride	4.610	84	10390	Below Cal		91
31) Cyclohexane	7.707	56	12040	1.232	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	44034	4.720	ug/l #	50
38) Carbon Tetrachloride	7.707	117	55216	5.449	ug/l #	17
76) 1,2,3-Trichloropropane	12.401	75	201009	56.143	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	201009	135.905	ug/l #	14

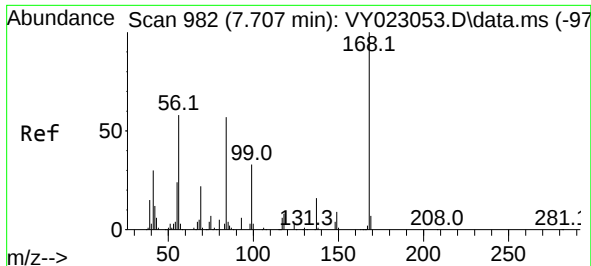
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081525\
Data File : VY023112.D
Acq On : 15 Aug 2025 09:08
Operator : SY/MD
Sample : VY0815SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBL01

Quant Time: Aug 18 02:23:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

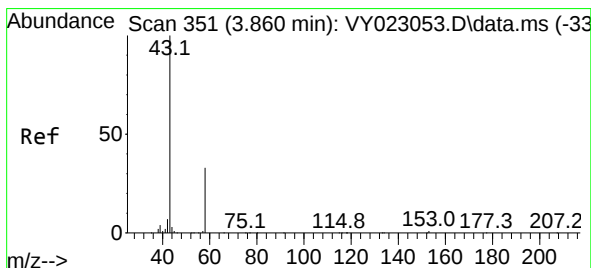
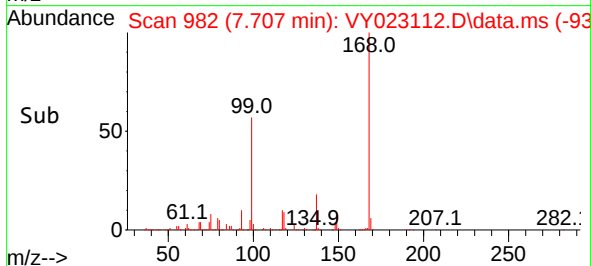
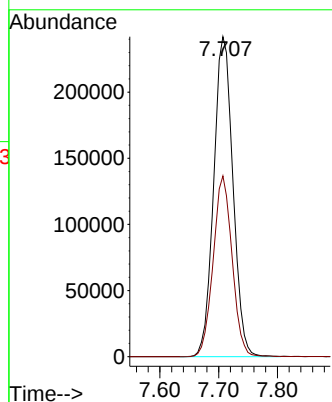
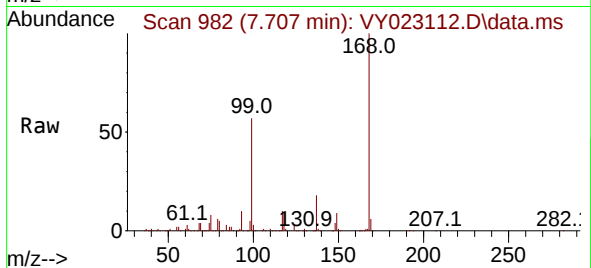




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023112.D
Acq: 15 Aug 2025 09:08

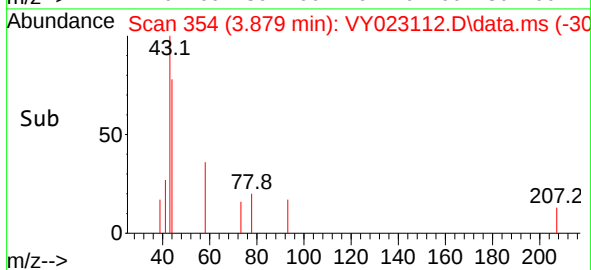
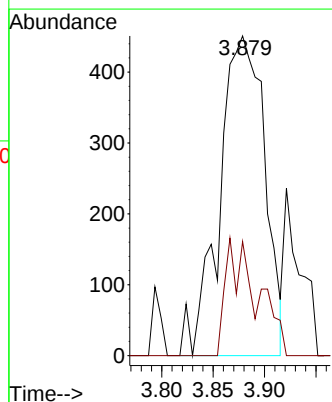
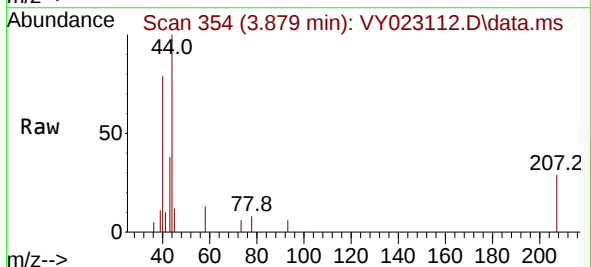
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBL01

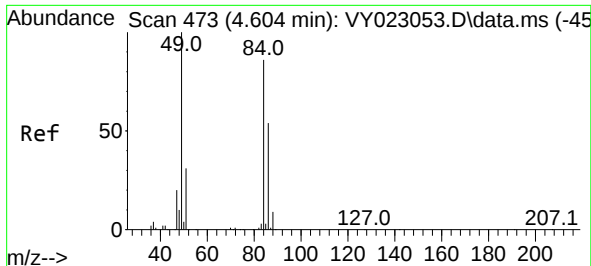
Tgt Ion:168 Resp: 550500
Ion Ratio Lower Upper
168 100
99 56.5 42.8 64.2



#16
Acetone
Concen: 1.214 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.018 min
Lab File: VY023112.D
Acq: 15 Aug 2025 09:08

Tgt Ion: 43 Resp: 1380
Ion Ratio Lower Upper
43 100
58 35.7 27.1 40.7

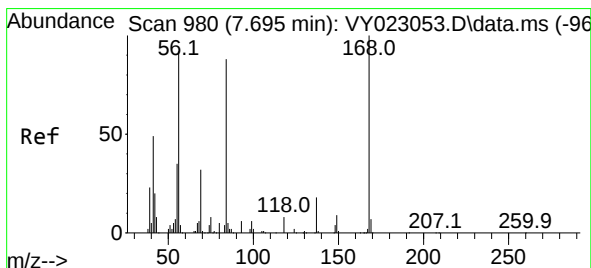
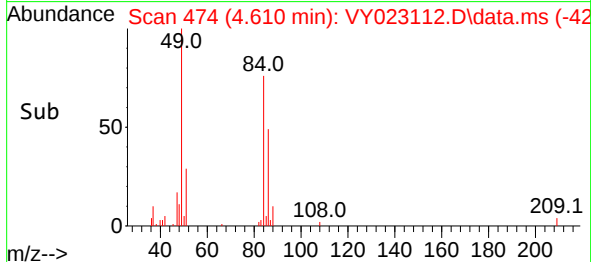
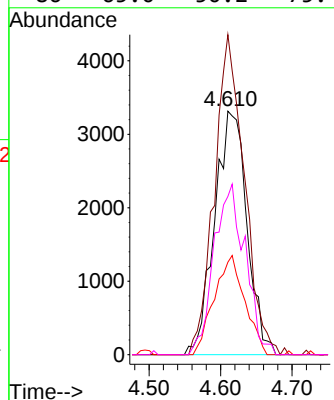
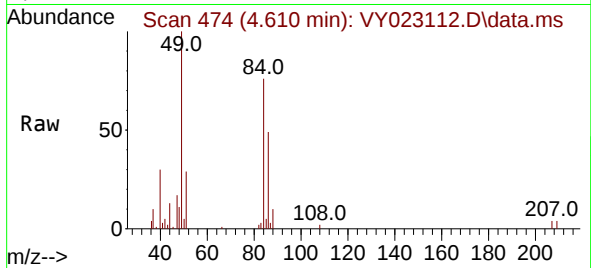




#20
Methylene Chloride
Concen: Below Cal
RT: 4.610 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY023112.D
Acq: 15 Aug 2025 09:08

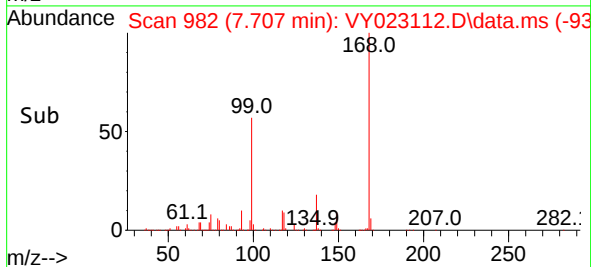
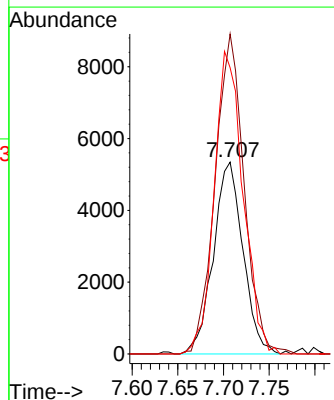
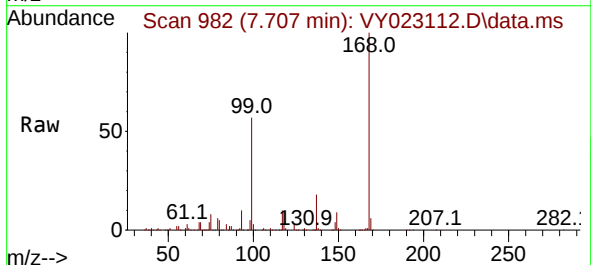
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBL01

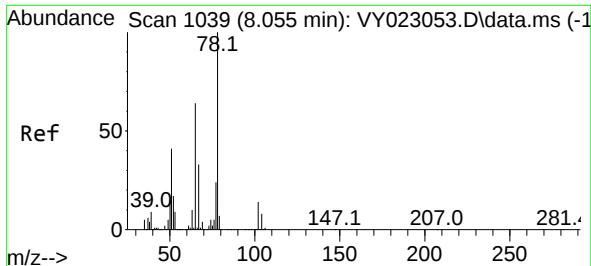
Tgt Ion:	84	Resp:	10390
Ion	Ratio	Lower	Upper
84	100		
49	131.4	93.0	139.6
51	38.0	29.0	43.4
86	65.0	50.2	75.4



#31
Cyclohexane
Concen: 1.232 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.012 min
Lab File: VY023112.D
Acq: 15 Aug 2025 09:08

Tgt Ion:	56	Resp:	12040
Ion	Ratio	Lower	Upper
56	100		
69	166.8	28.2	42.2#
84	149.2	76.6	114.8#





#33

1,2-Dichloroethane-d4

Concen: 59.845 ug/l

RT: 8.061 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VY023112.D

Acq: 15 Aug 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

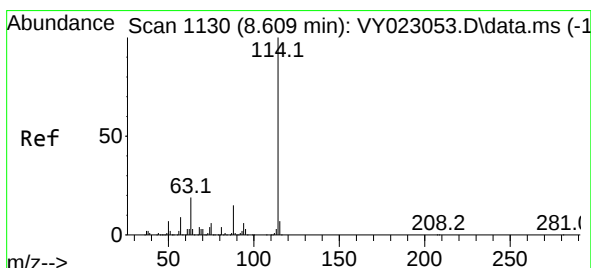
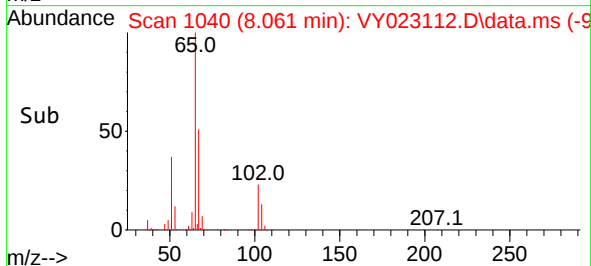
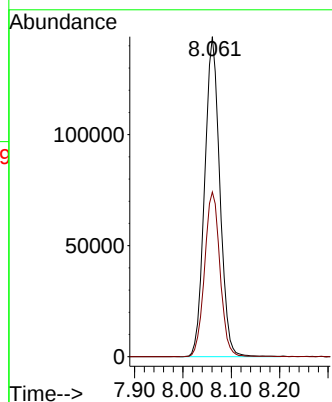
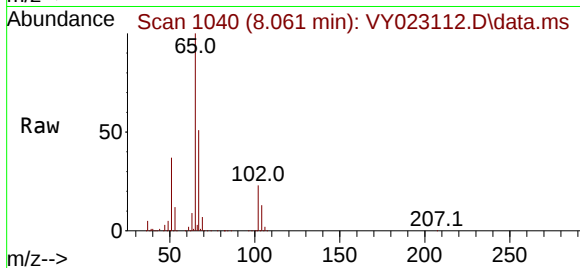
VY0815SBL01

Tgt Ion: 65 Resp: 313986

Ion Ratio Lower Upper

65 100

67 52.3 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023112.D

Acq: 15 Aug 2025 09:08

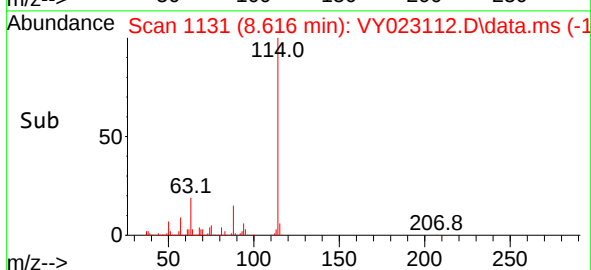
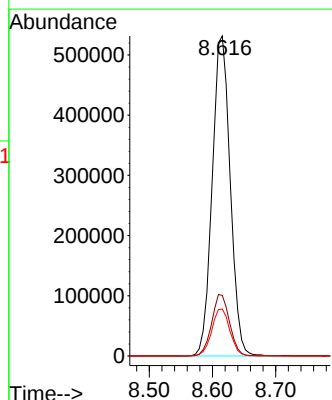
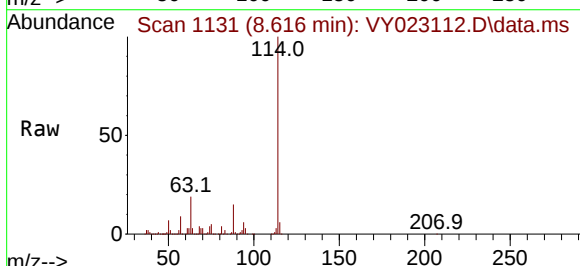
Tgt Ion: 114 Resp: 1049087

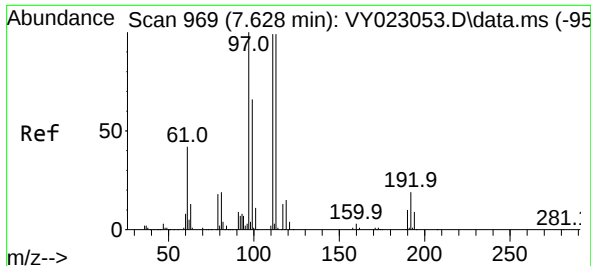
Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.4

88 14.6 0.0 30.0

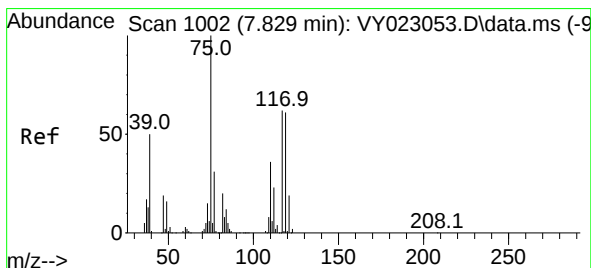
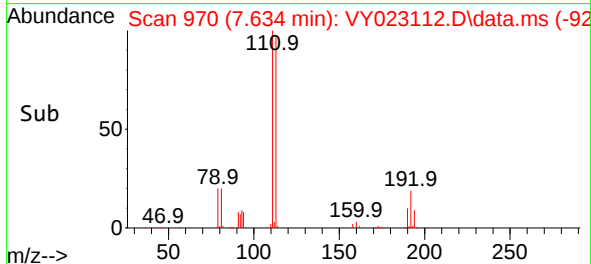
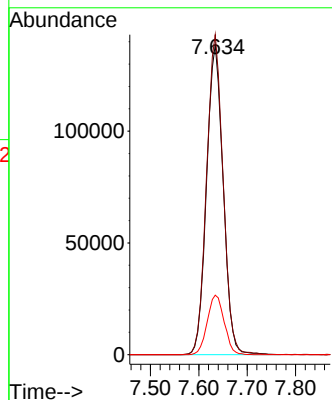
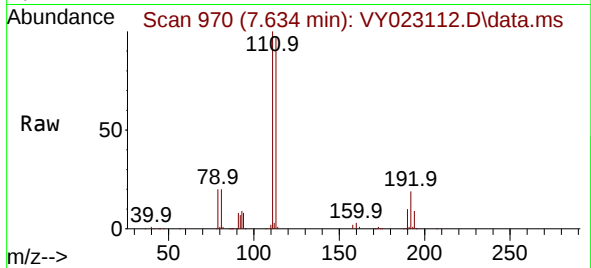




#35
Dibromofluoromethane
Concen: 52.682 ug/l
RT: 7.634 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY023112.D
Acq: 15 Aug 2025 09:08

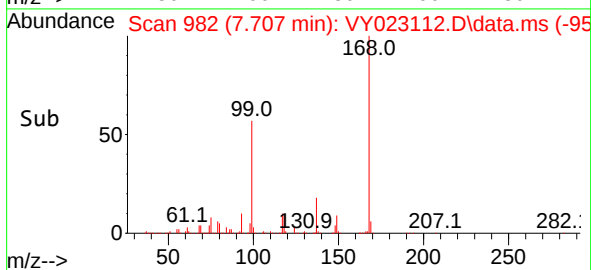
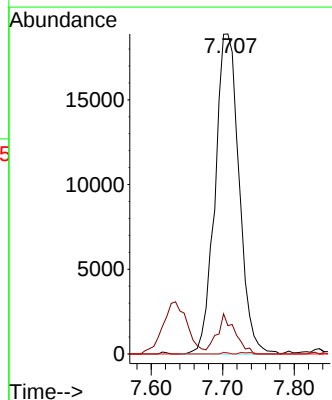
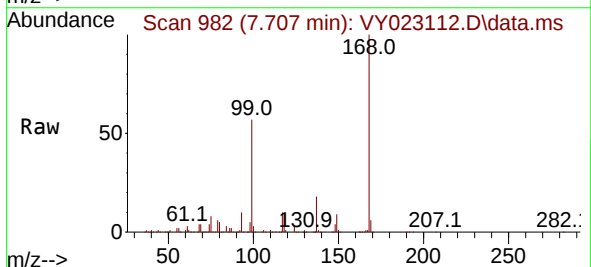
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBL01

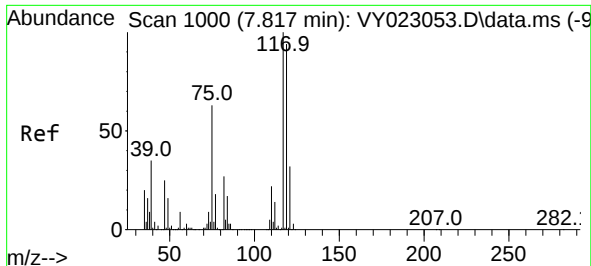
Tgt Ion:113 Resp: 330708
Ion Ratio Lower Upper
113 100
111 102.9 81.1 121.7
192 19.6 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.720 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY023112.D
Acq: 15 Aug 2025 09:08

Tgt Ion: 75 Resp: 44034
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.4#
77 0.1 24.6 37.0#

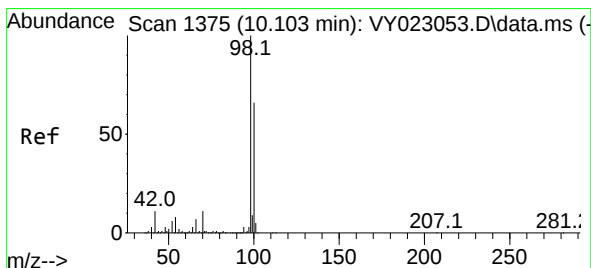
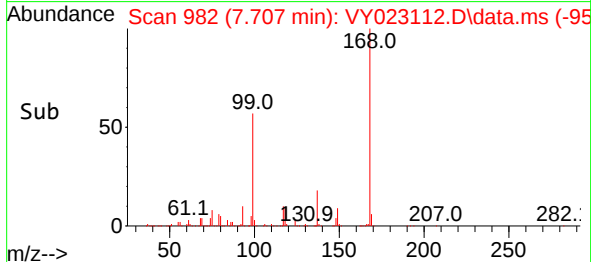
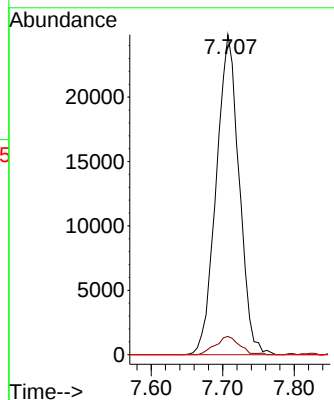
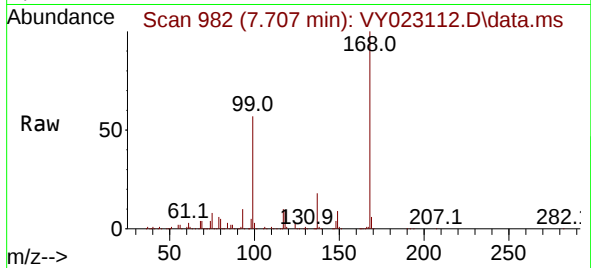




#38
Carbon Tetrachloride
Concen: 5.449 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY023112.D
Acq: 15 Aug 2025 09:08

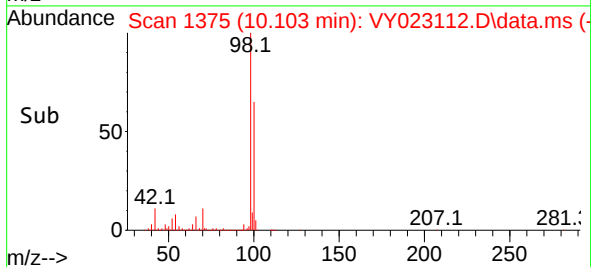
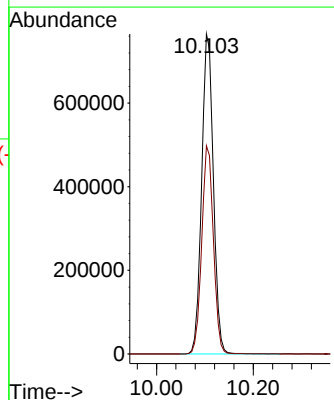
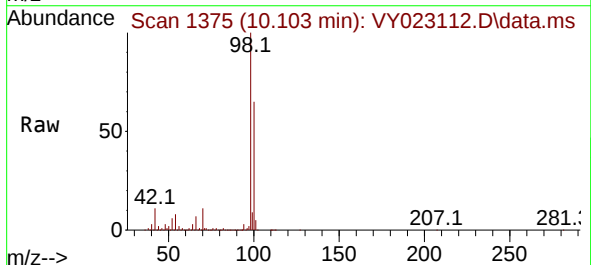
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBL01

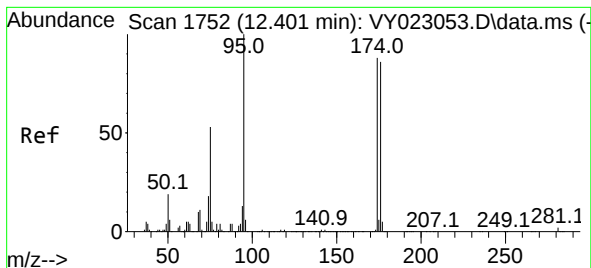
Tgt Ion:117 Resp: 55216
Ion Ratio Lower Upper
117 100
119 5.7 75.6 113.4#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 52.405 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY023112.D
Acq: 15 Aug 2025 09:08

Tgt Ion: 98 Resp: 1285132
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5

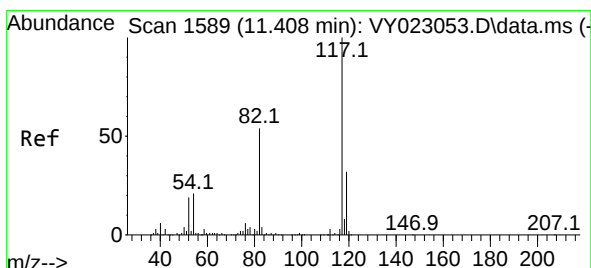
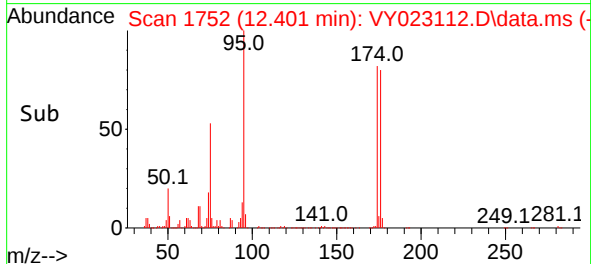
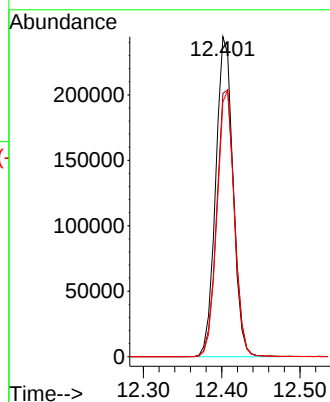
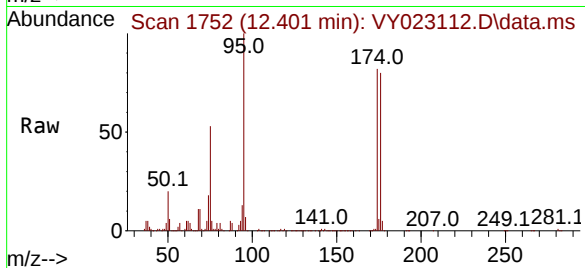




#62
4-Bromofluorobenzene
Concen: 47.544 ug/l
RT: 12.401 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023112.D
Acq: 15 Aug 2025 09:08

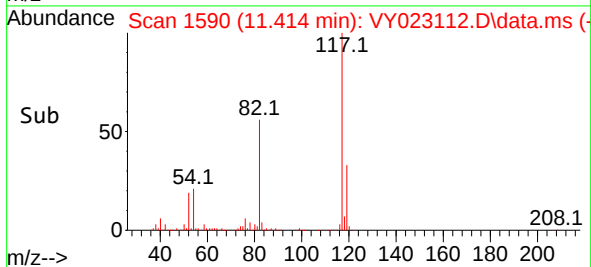
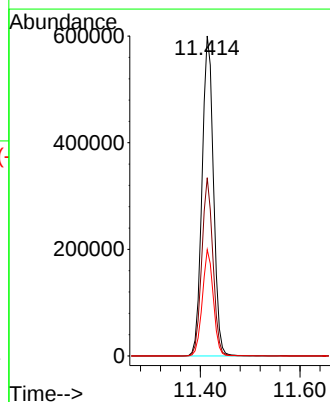
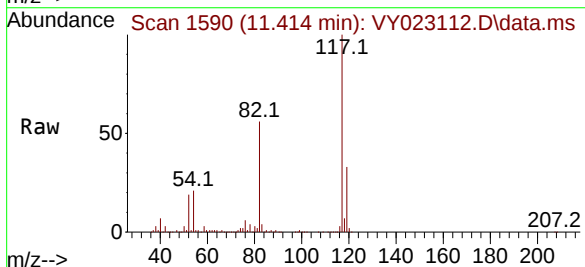
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBL01

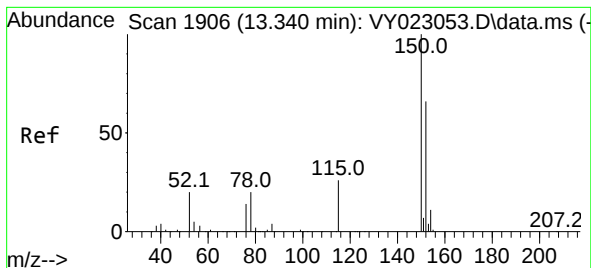
Tgt Ion: 95 Resp: 374958
Ion Ratio Lower Upper
95 100
174 85.9 0.0 171.6
176 83.0 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VY023112.D
Acq: 15 Aug 2025 09:08

Tgt Ion: 117 Resp: 953139
Ion Ratio Lower Upper
117 100
82 55.7 43.4 65.0
119 33.2 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY023112.D

Acq: 15 Aug 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0815SBL01

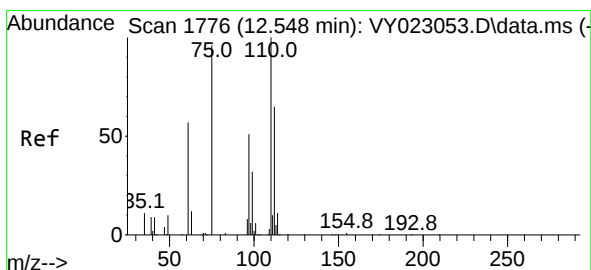
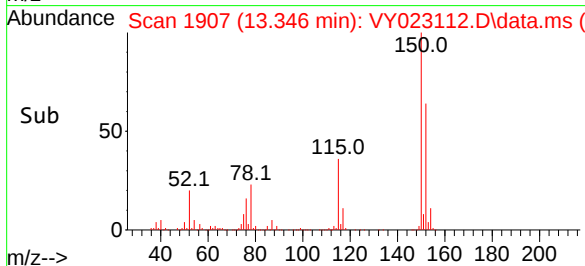
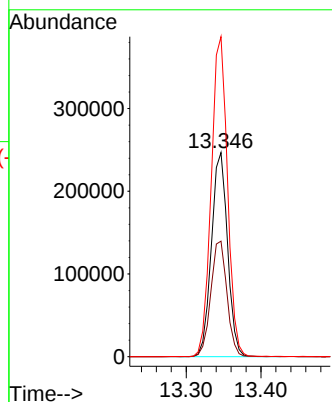
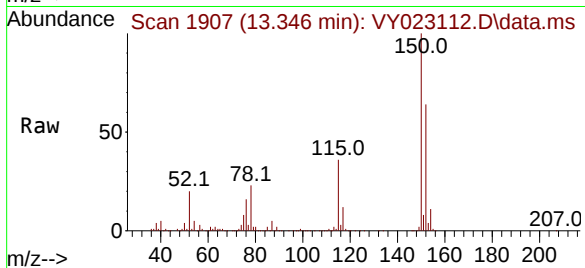
Tgt Ion:152 Resp: 370974

Ion Ratio Lower Upper

152 100

115 56.8 28.2 84.6

150 157.6 0.0 348.0



#76

1,2,3-Trichloropropane

Concen: 56.143 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.146 min

Lab File: VY023112.D

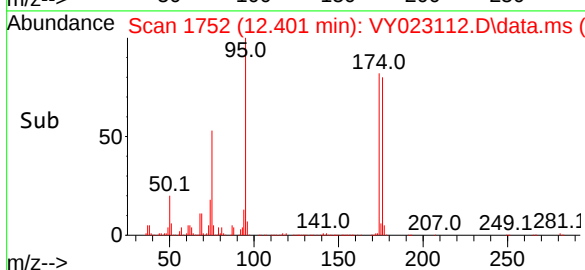
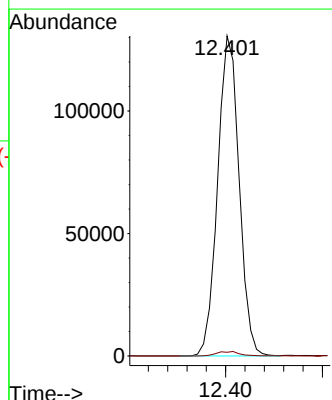
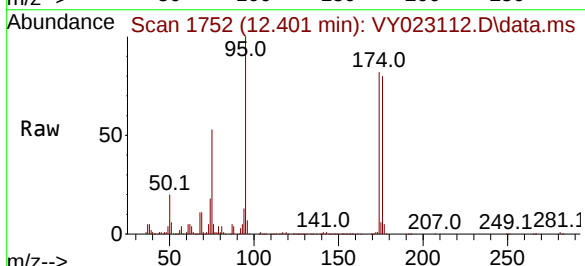
Acq: 15 Aug 2025 09:08

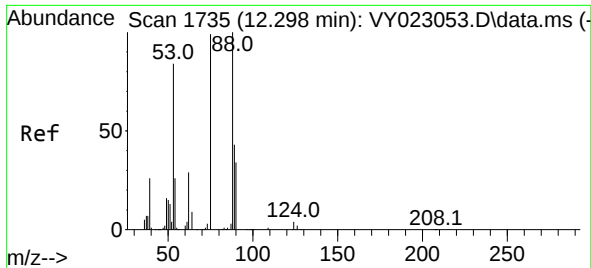
Tgt Ion: 75 Resp: 201009

Ion Ratio Lower Upper

75 100

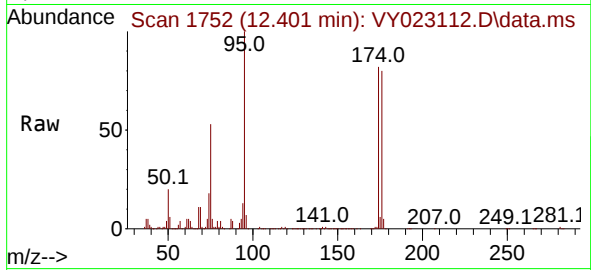
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.905 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY023112.D
 Acq: 15 Aug 2025 09:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0815SBL01



Tgt Ion: 75 Resp: 201009
 Ion Ratio Lower Upper
 75 100
 53 0.1 70.8 106.2#
 89 0.0 38.1 57.1#

