

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071825\
 Data File : VY022998.D
 Acq On : 18 Jul 2025 15:10
 Operator : SY/MD
 Sample : VY01718SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0718SBL01

Quant Time: Jul 19 02:10:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 19 01:50:49 2025
 Response via : Initial Calibration

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

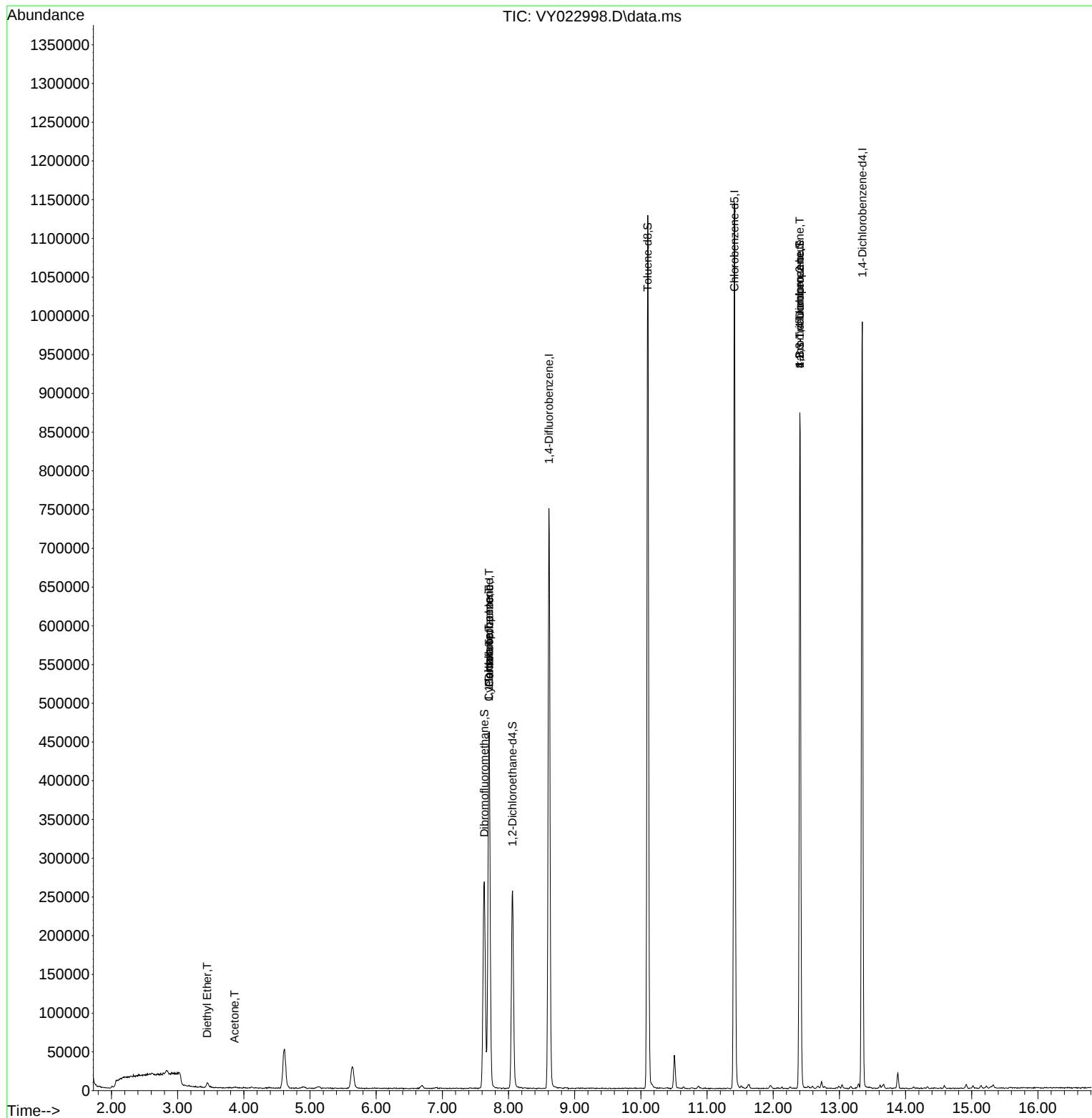
Internal Standards						
1) Pentafluorobenzene	7.707	168	356999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	626641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	573852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	242761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	205368	56.825	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.660%	
35) Dibromofluoromethane	7.634	113	192849	48.515	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.040%	
50) Toluene-d8	10.103	98	726905	46.114	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.220%	
62) 4-Bromofluorobenzene	12.402	95	251781	50.741	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.480%	
Target Compounds						Qvalue
8) Diethyl Ether	3.446	74	3434	1.731	ug/l	85
16) Acetone	3.860	43	1782	2.720	ug/l	95
20) Methylene Chloride	4.616	84	38172	Below Cal		94
31) Cyclohexane	7.701	56	8423	1.171	ug/l #	41
36) 1,1-Dichloropropene	7.701	75	31354	5.008	ug/l #	50
38) Carbon Tetrachloride	7.707	117	37395	5.497	ug/l #	17
76) 1,2,3-Trichloropropane	12.402	75	141267	46.700	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	141267	139.094	ug/l #	12

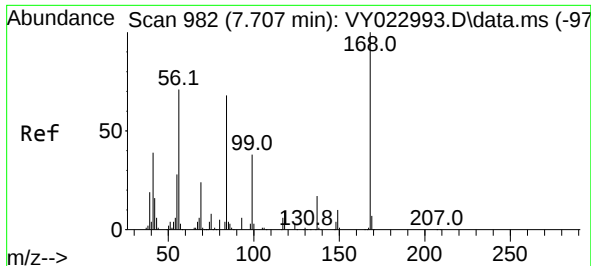
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071825\
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Acq On : 18 Jul 2025 15:10
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBL01

Quant Time: Jul 19 02:10:31 2025
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Quant Title : SW846 8260
QLast Update : Sat Jul 19 01:50:49 2025
Response via : Initial Calibration

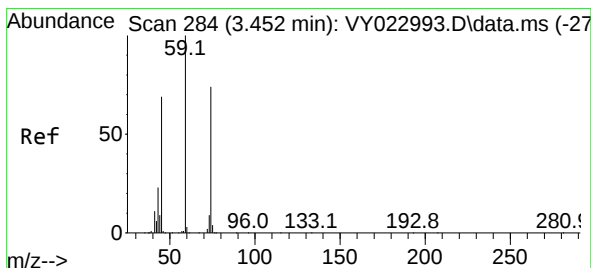
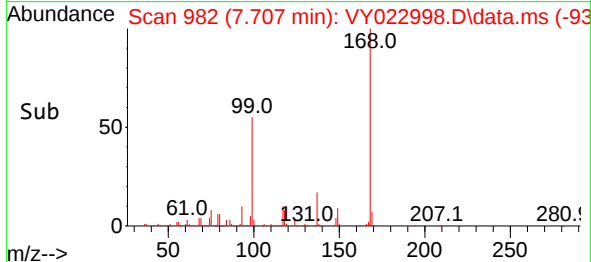
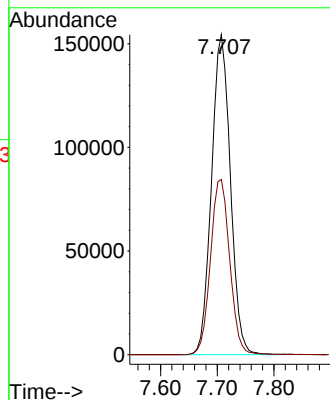
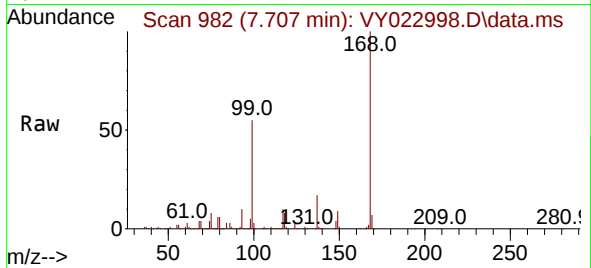




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022998.D
Acq: 18 Jul 2025 15:10

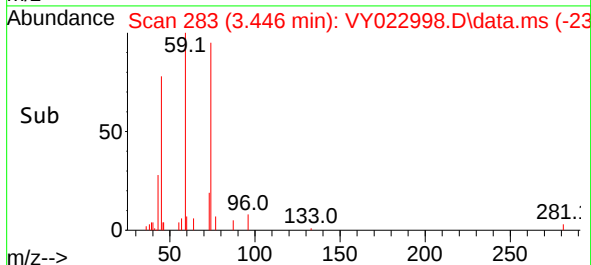
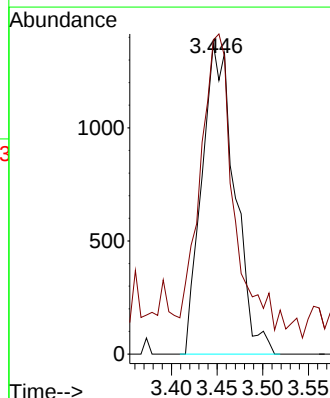
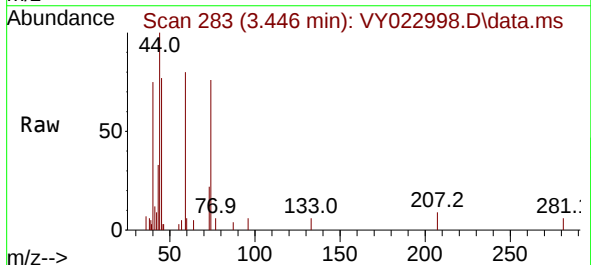
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBL01

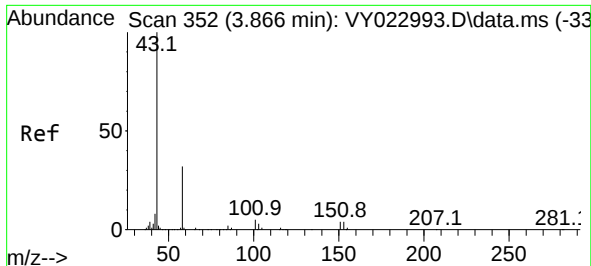
Tgt Ion:168 Resp: 356999
Ion Ratio Lower Upper
168 100
99 54.7 44.4 66.6



#8
Diethyl Ether
Concen: 1.731 ug/l
RT: 3.446 min Scan# 283
Delta R.T. -0.006 min
Lab File: VY022998.D
Acq: 18 Jul 2025 15:10

Tgt Ion: 74 Resp: 3434
Ion Ratio Lower Upper
74 100
45 103.8 45.1 135.2

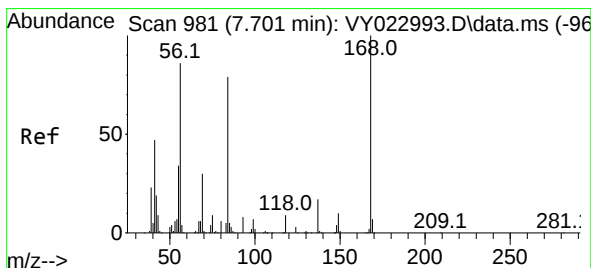
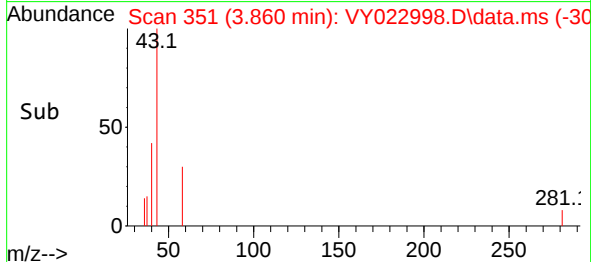
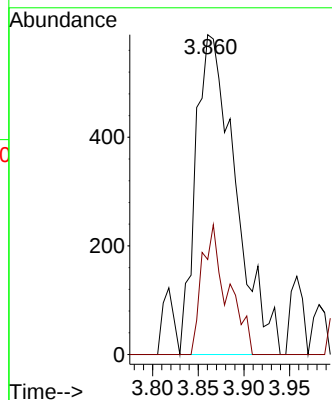
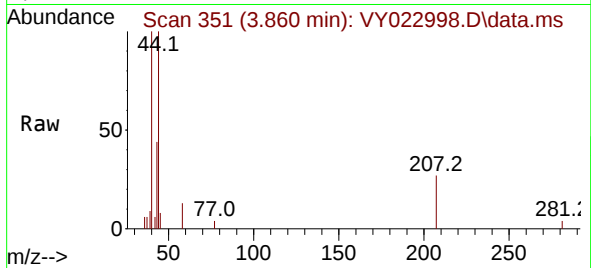




#16
Acetone
Concen: 2.720 ug/l
RT: 3.860 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY022998.D
Acq: 18 Jul 2025 15:10

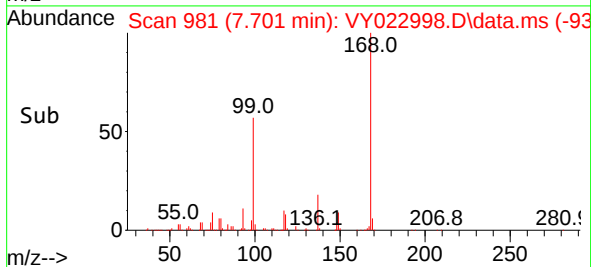
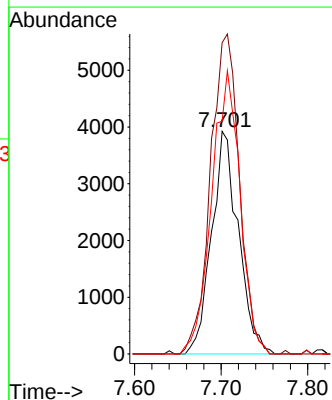
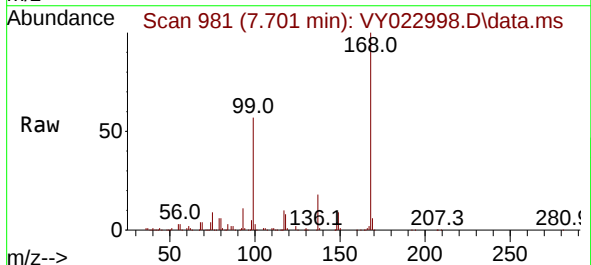
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBL01

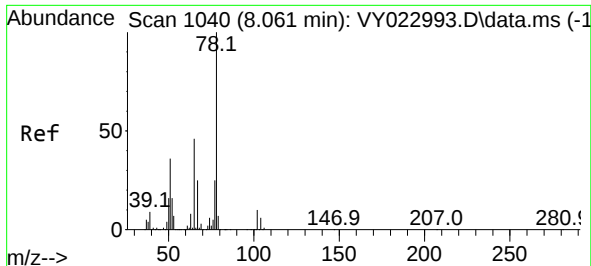
Tgt Ion: 43 Resp: 1782
Ion Ratio Lower Upper
43 100
58 29.7 26.2 39.4



#31
Cyclohexane
Concen: 1.171 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022998.D
Acq: 18 Jul 2025 15:10

Tgt Ion: 56 Resp: 8423
Ion Ratio Lower Upper
56 100
69 139.8 28.1 42.1#
84 104.5 73.5 110.3





#33

1,2-Dichloroethane-d4

Concen: 56.825 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY022998.D

Acq: 18 Jul 2025 15:10

Instrument :

MSVOA_Y

ClientSampleId :

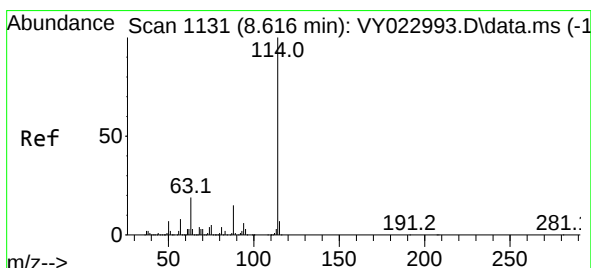
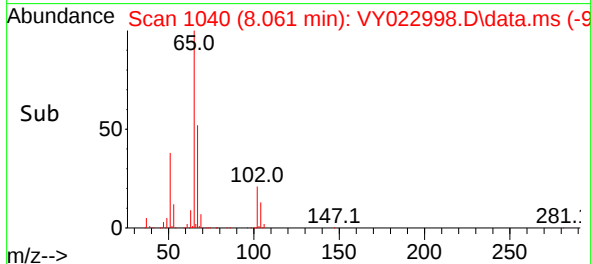
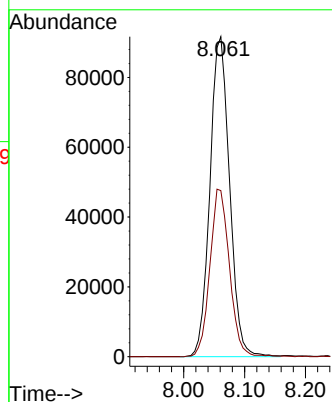
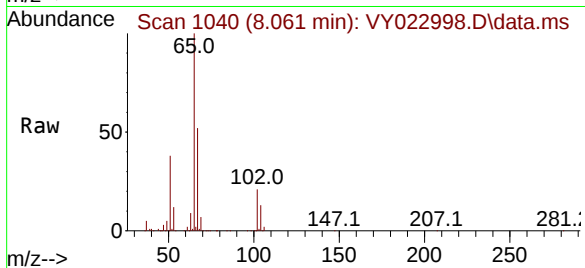
VY0718SBL01

Tgt Ion: 65 Resp: 205368

Ion Ratio Lower Upper

65 100

67 52.1 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022998.D

Acq: 18 Jul 2025 15:10

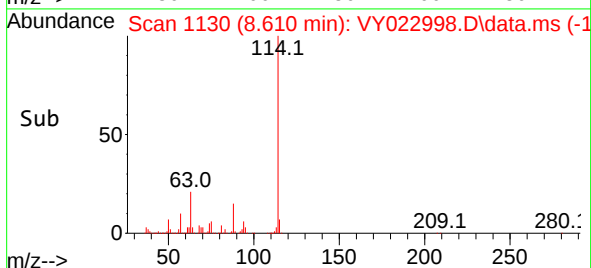
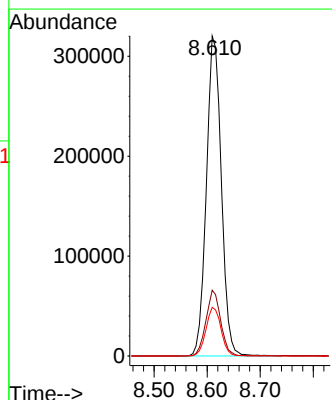
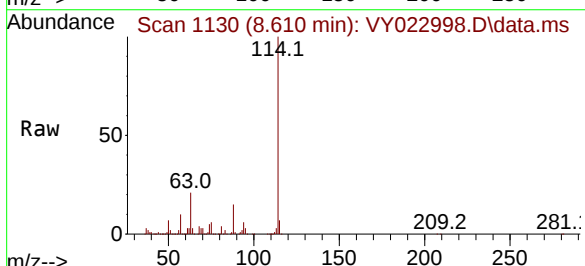
Tgt Ion: 114 Resp: 626641

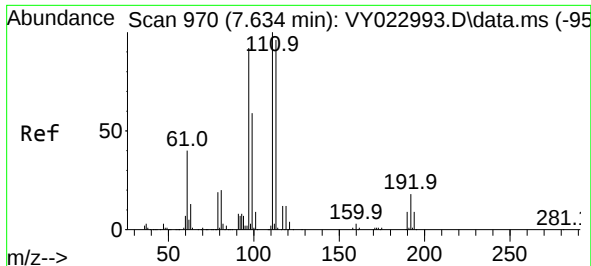
Ion Ratio Lower Upper

114 100

63 20.5 0.0 38.8

88 15.2 0.0 30.2

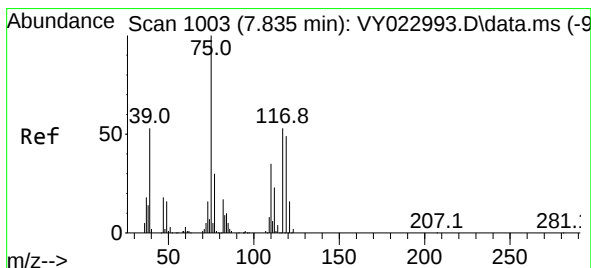
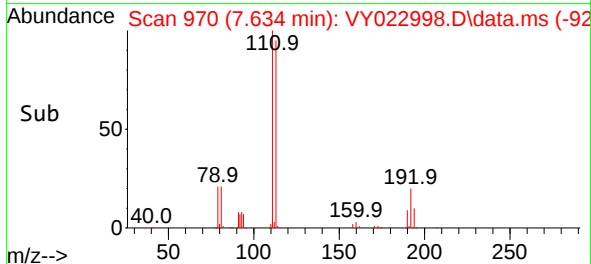
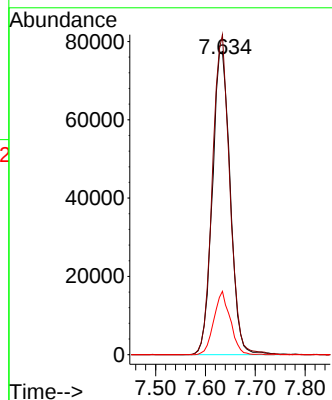
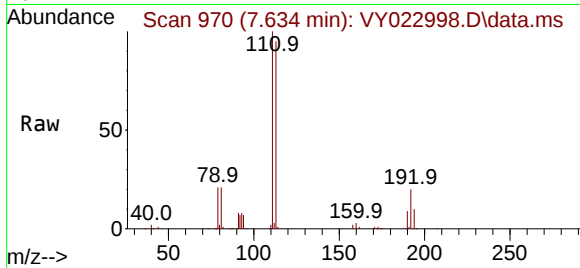




#35
Dibromofluoromethane
Concen: 48.515 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022998.D
Acq: 18 Jul 2025 15:10

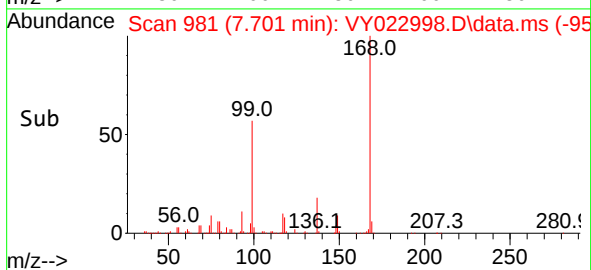
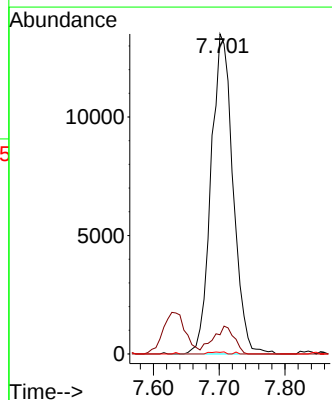
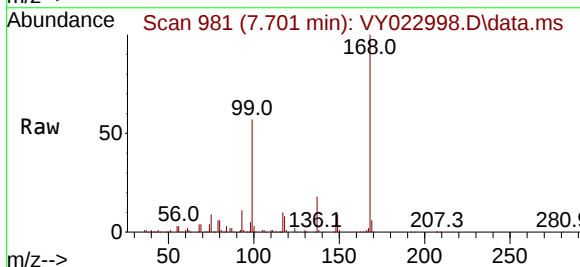
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBL01

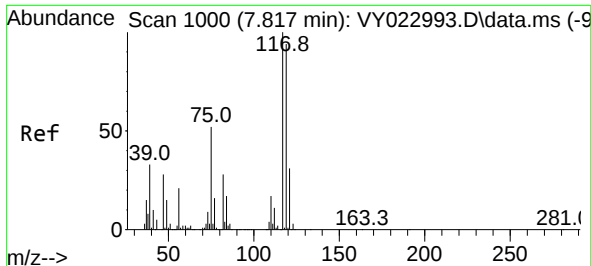
Tgt Ion:113 Resp: 192849
Ion Ratio Lower Upper
113 100
111 102.6 83.2 124.8
192 19.2 15.3 22.9



#36
1,1-Dichloropropene
Concen: 5.008 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY022998.D
Acq: 18 Jul 2025 15:10

Tgt Ion: 75 Resp: 31354
Ion Ratio Lower Upper
75 100
110 8.3 17.3 51.9#
77 0.4 24.6 37.0#

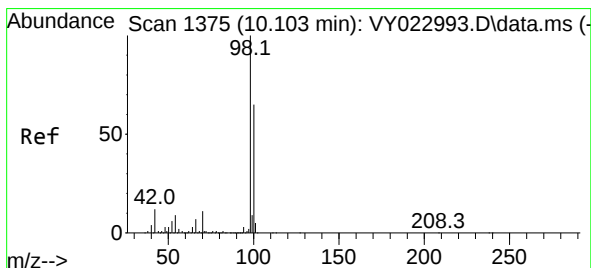
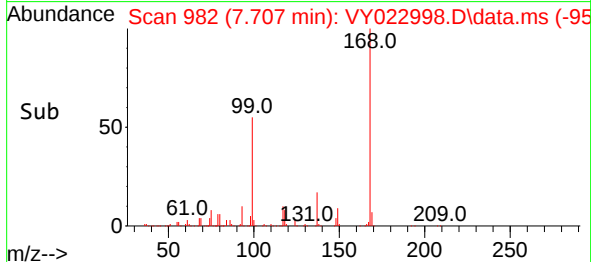
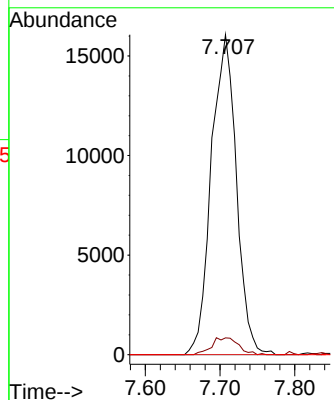
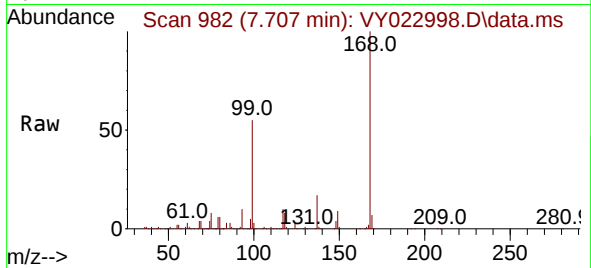




#38
Carbon Tetrachloride
Concen: 5.497 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY022998.D
Acq: 18 Jul 2025 15:10

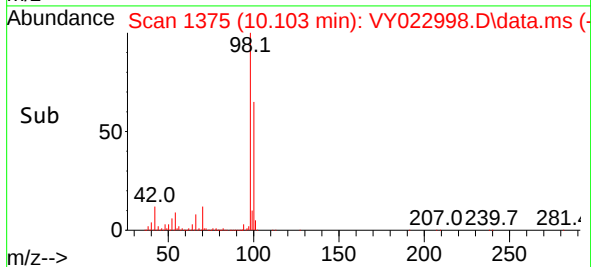
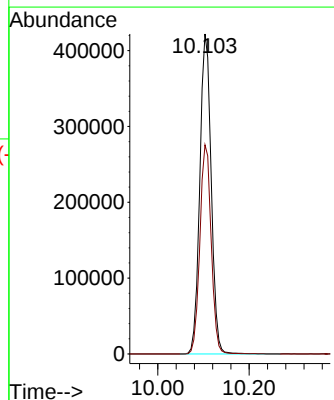
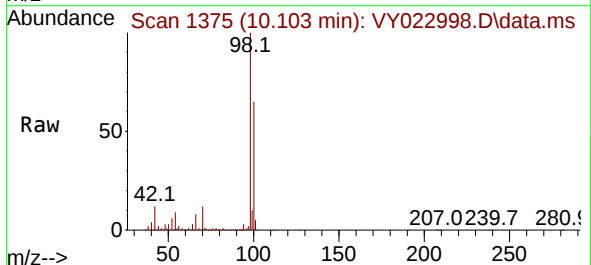
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBL01

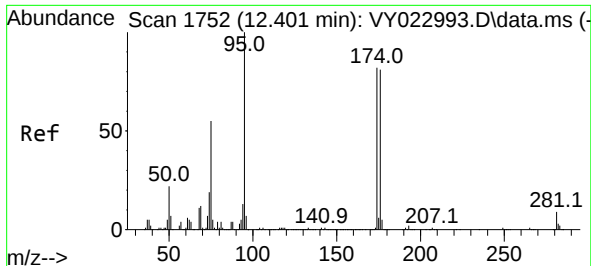
Tgt Ion:117 Resp: 37395
Ion Ratio Lower Upper
117 100
119 5.2 74.9 112.3#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 46.114 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY022998.D
Acq: 18 Jul 2025 15:10

Tgt Ion: 98 Resp: 726905
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2

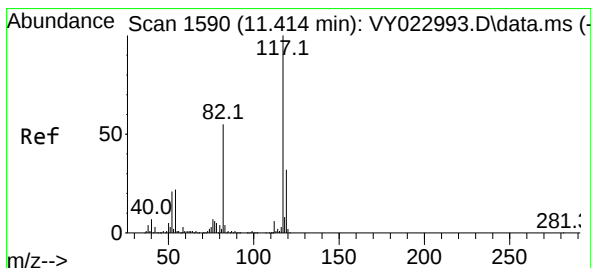
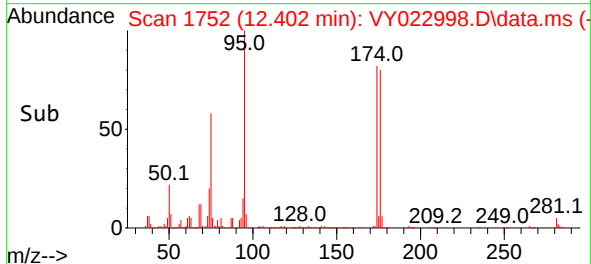
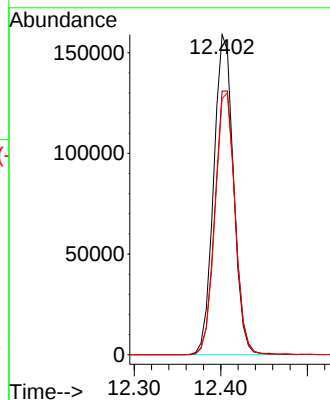
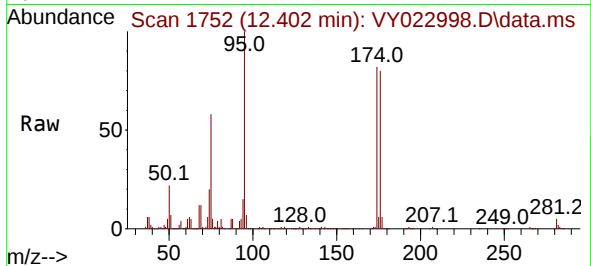




#62
4-Bromofluorobenzene
Concen: 50.741 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY022998.D
Acq: 18 Jul 2025 15:10

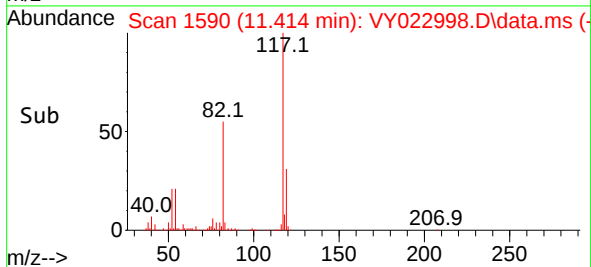
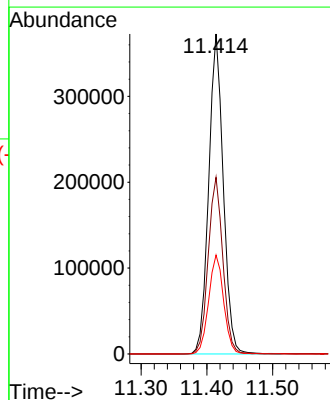
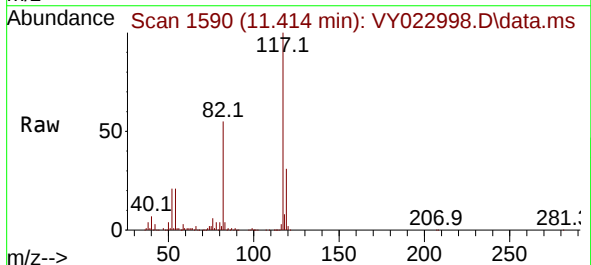
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBL01

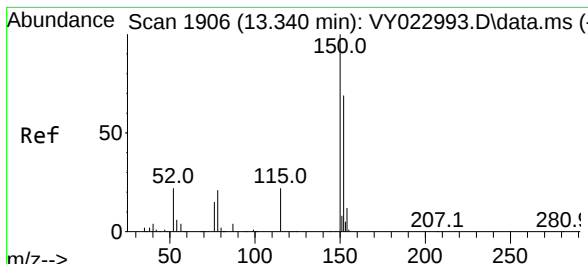
Tgt Ion: 95 Resp: 251781
Ion Ratio Lower Upper
95 100
174 84.6 0.0 170.8
176 82.2 0.0 163.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY022998.D
Acq: 18 Jul 2025 15:10

Tgt Ion: 117 Resp: 573852
Ion Ratio Lower Upper
117 100
82 55.2 44.3 66.5
119 30.9 25.8 38.8



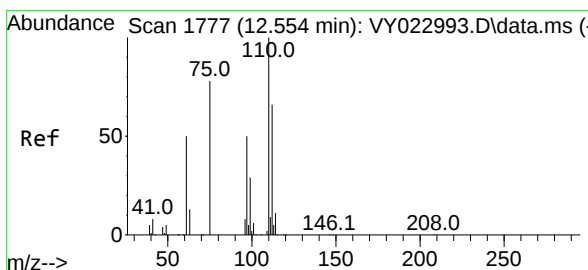
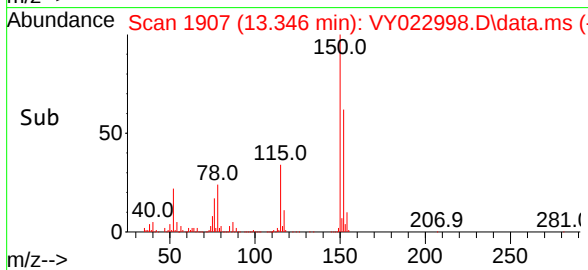
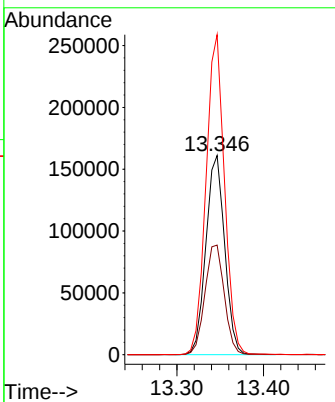
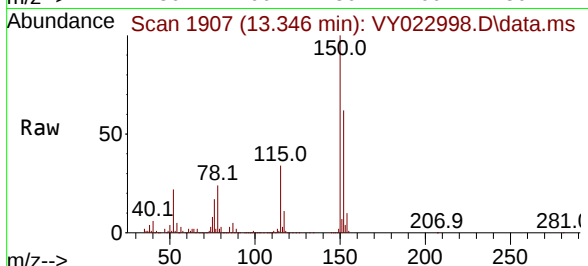


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.006 min
 Lab File: VY022998.D
 Acq: 18 Jul 2025 15:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0718SBL01

Tgt Ion:152 Resp: 242761

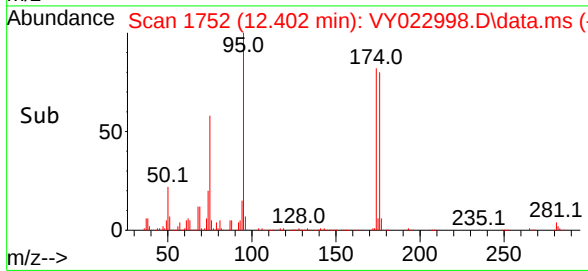
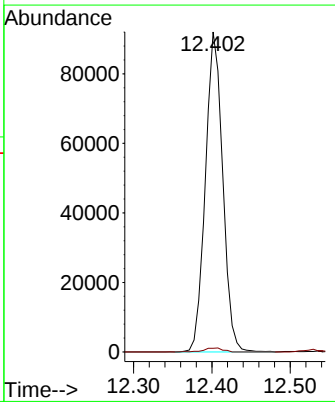
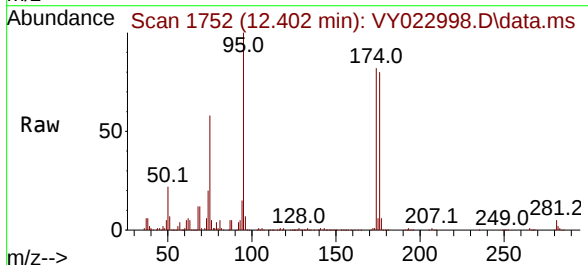
Ion	Ratio	Lower	Upper
152	100		
115	56.9	29.4	88.2
150	157.8	0.0	350.0

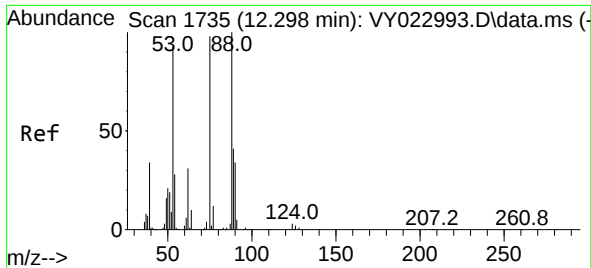


#76
 1,2,3-Trichloropropane
 Concen: 46.700 ug/l
 RT: 12.402 min Scan# 1752
 Delta R.T. -0.152 min
 Lab File: VY022998.D
 Acq: 18 Jul 2025 15:10

Tgt Ion: 75 Resp: 141267

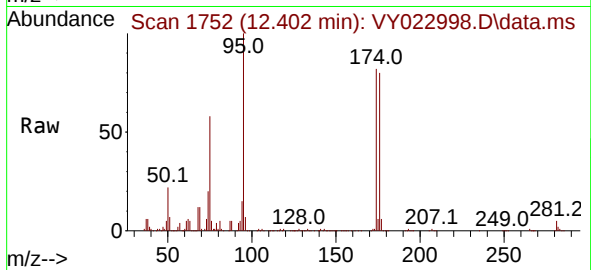
Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 139.094 ug/l
RT: 12.402 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY022998.D
Acq: 18 Jul 2025 15:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBL01



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.2	76.1	114.1#
89	0.2	36.1	54.1#

