

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090525\
 Data File : VY023291.D
 Acq On : 05 Sep 2025 10:20
 Operator : SY/MD
 Sample : VY0905SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 06 01:52:52 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)

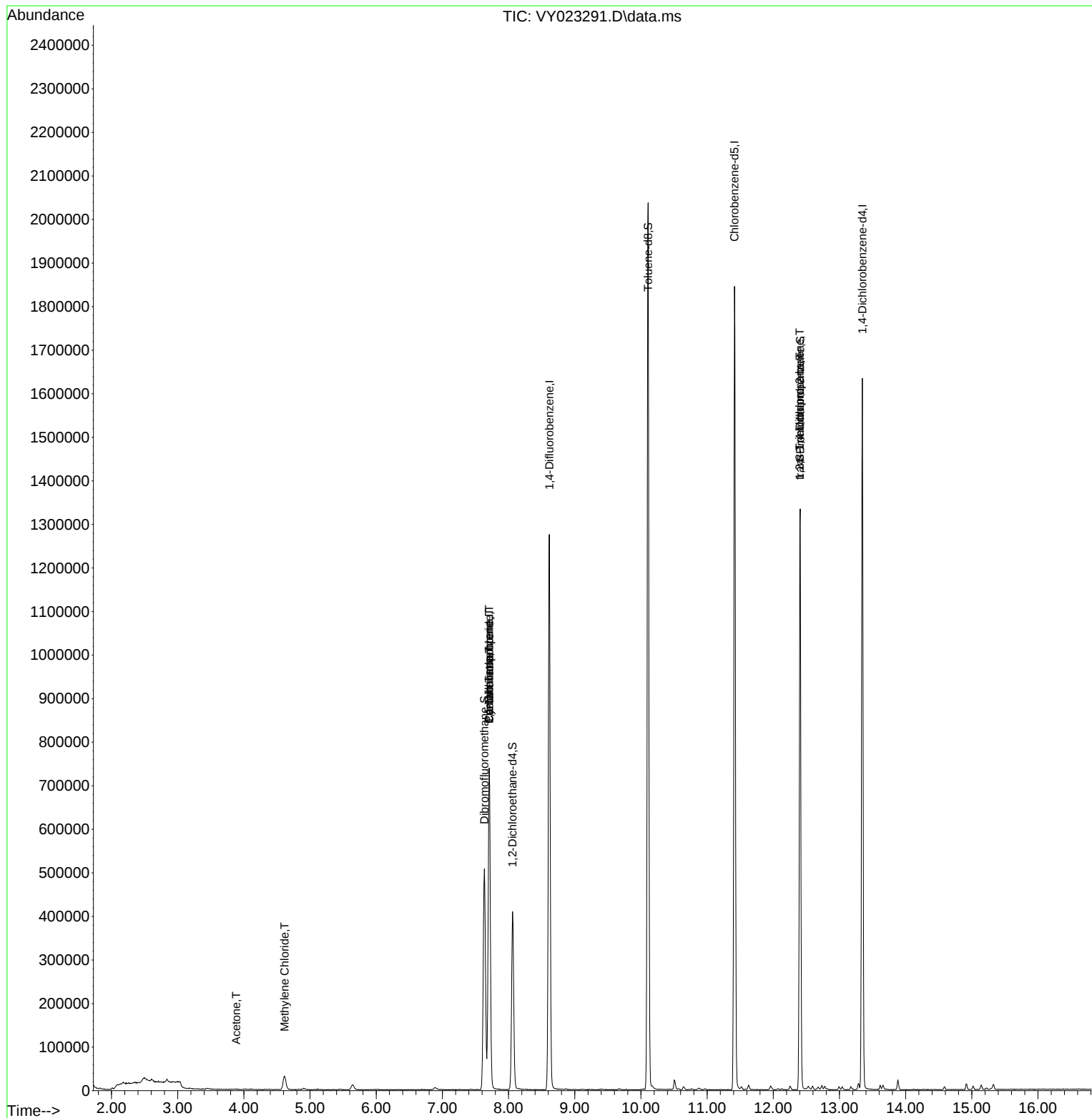
Internal Standards						
1) Pentafluorobenzene	7.707	168	596430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	1122765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1037616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	426836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	314509	55.329	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.660%	
35) Dibromofluoromethane	7.634	113	364736	54.290	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.580%	
50) Toluene-d8	10.109	98	1340887	51.090	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.180%	
62) 4-Bromofluorobenzene	12.407	95	401780	47.601	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.200%	
Target Compounds						
					Qvalue	
16) Acetone	3.884	43	1805	1.466	ug/l	100
20) Methylene Chloride	4.616	84	23833	1.064	ug/l	92
31) Cyclohexane	7.707	56	11047	1.043	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	42624	4.269	ug/l #	50
38) Carbon Tetrachloride	7.707	117	57539	5.306	ug/l #	16
76) 1,2,3-Trichloropropane	12.401	75	204410	49.621	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	204410	120.117	ug/l #	14

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090525\
Data File : VY023291.D
Acq On : 05 Sep 2025 10:20
Operator : SY/MD
Sample : VY0905SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 06 01:52:52 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

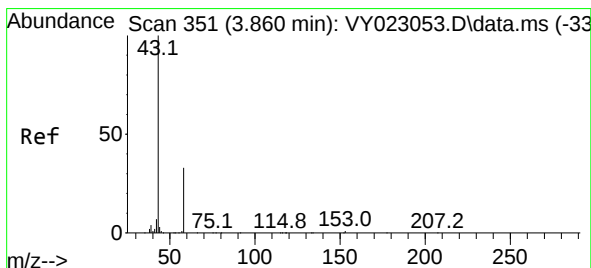
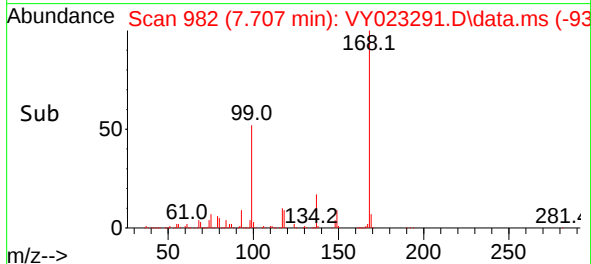
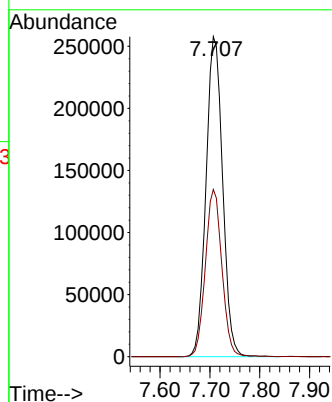
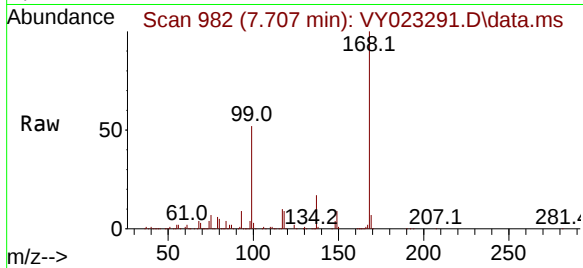




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023291.D
Acq: 05 Sep 2025 10:20

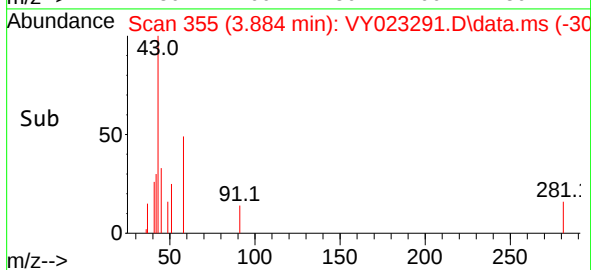
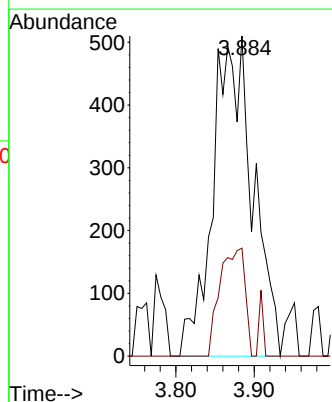
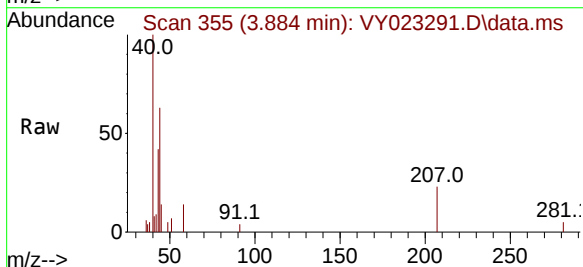
Instrument :
MSVOA_Y
ClientSampleId :

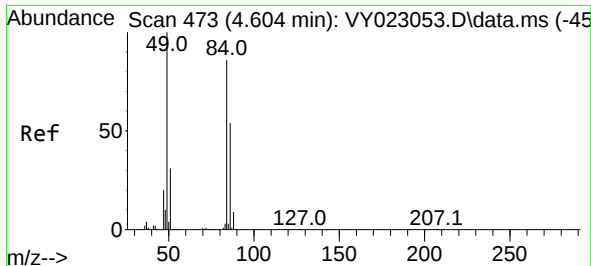
Tgt Ion:168 Resp: 596430
Ion Ratio Lower Upper
168 100
99 52.2 42.8 64.2



#16
Acetone
Concen: 1.466 ug/l
RT: 3.884 min Scan# 355
Delta R.T. 0.024 min
Lab File: VY023291.D
Acq: 05 Sep 2025 10:20

Tgt Ion: 43 Resp: 1805
Ion Ratio Lower Upper
43 100
58 33.7 27.1 40.7

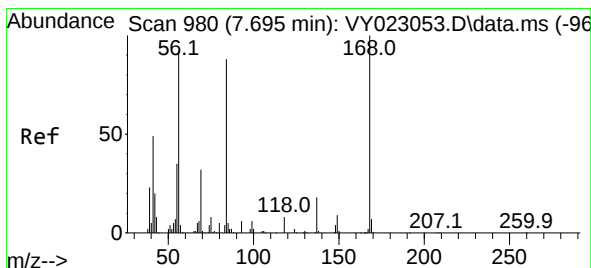
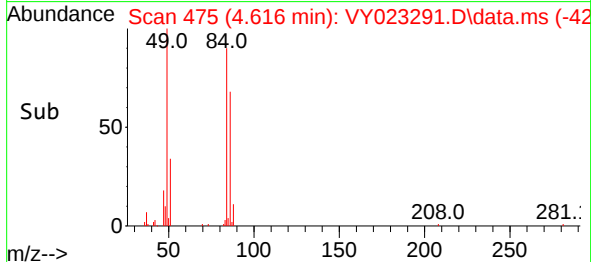
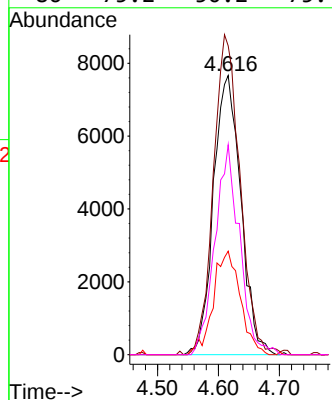
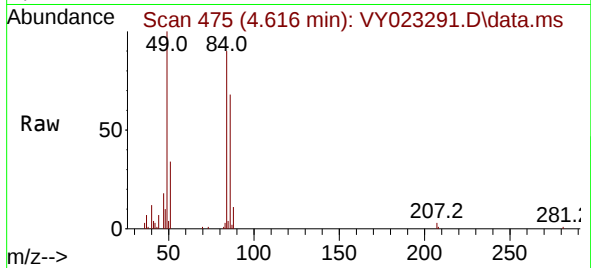




#20
Methylene Chloride
Concen: 1.064 ug/l
RT: 4.616 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY023291.D
Acq: 05 Sep 2025 10:20

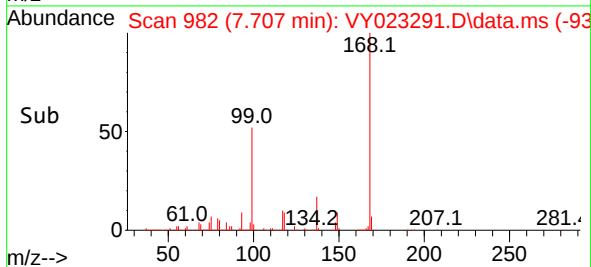
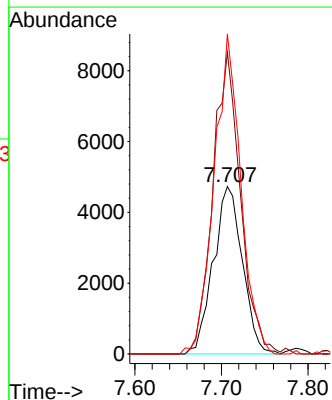
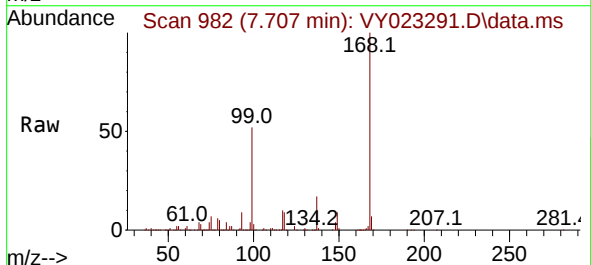
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	84	Resp:	23833
Ion	Ratio	Lower	Upper
84	100		
49	109.6	93.0	139.6
51	37.1	29.0	43.4
86	75.2	50.2	75.4



#31
Cyclohexane
Concen: 1.043 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.012 min
Lab File: VY023291.D
Acq: 05 Sep 2025 10:20

Tgt Ion:	56	Resp:	11047
Ion	Ratio	Lower	Upper
56	100		
69	180.2	28.2	42.2#
84	191.2	76.6	114.8#





#33

1,2-Dichloroethane-d4

Concen: 55.329 ug/l

RT: 8.060 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY023291.D

Acq: 05 Sep 2025 10:20

Instrument :

MSVOA_Y

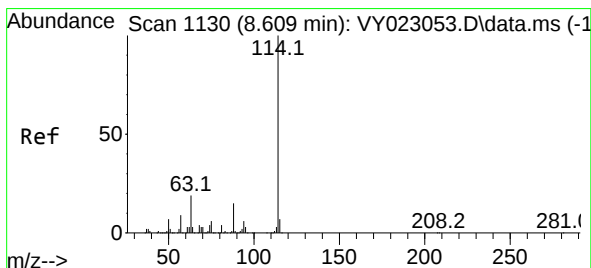
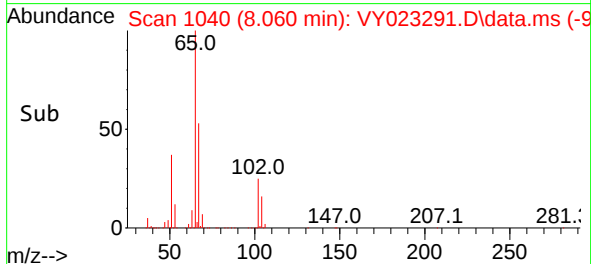
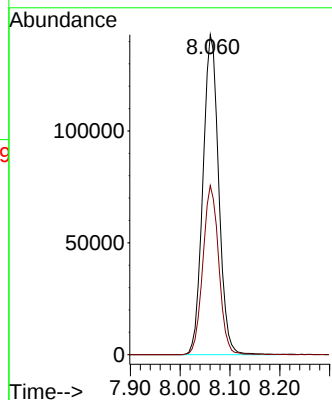
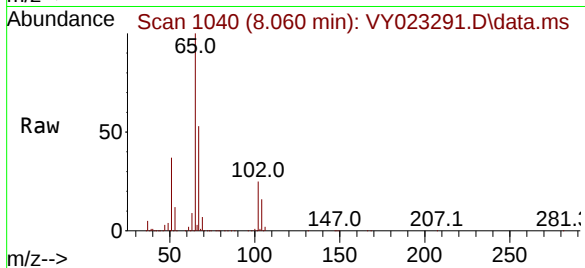
ClientSampleId :

Tgt Ion: 65 Resp: 314509

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023291.D

Acq: 05 Sep 2025 10:20

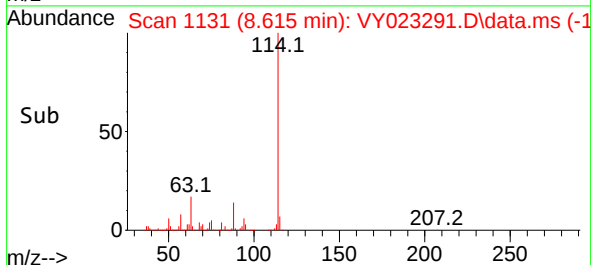
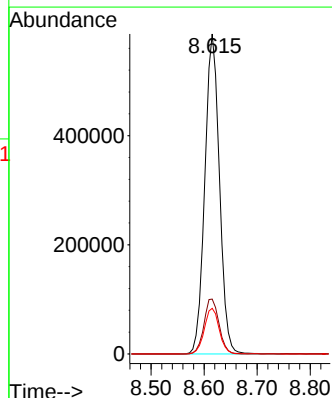
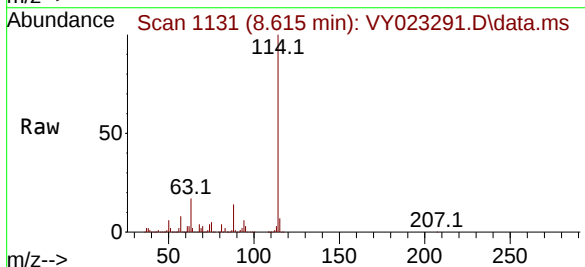
Tgt Ion: 114 Resp: 1122765

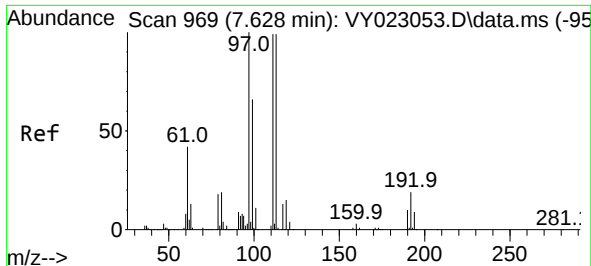
Ion Ratio Lower Upper

114 100

63 17.1 0.0 38.4

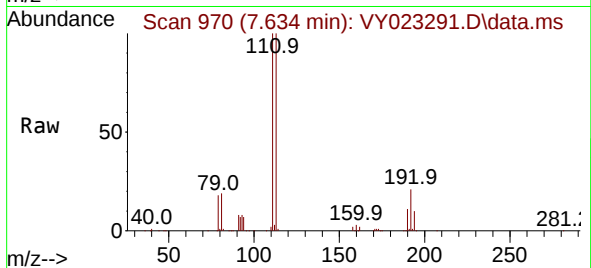
88 14.3 0.0 30.0



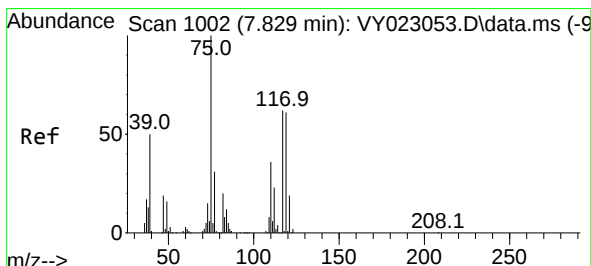
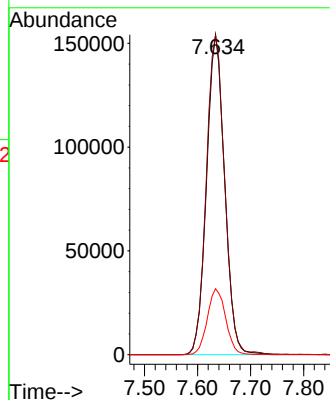
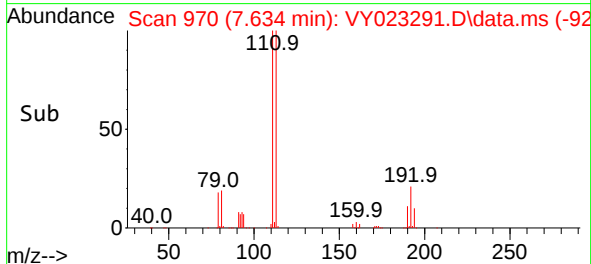


#35
Dibromofluoromethane
Concen: 54.290 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023291.D
Acq: 05 Sep 2025 10:20

Instrument :
MSVOA_Y
ClientSampleId :

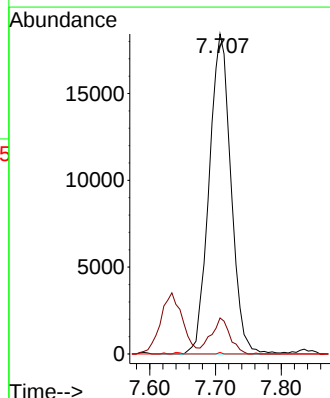
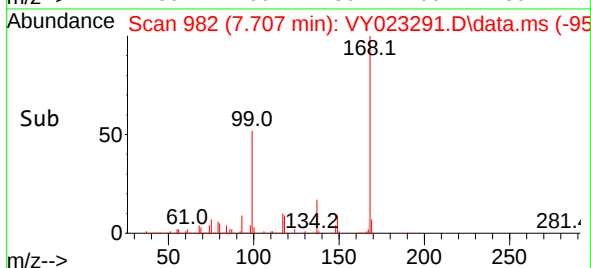
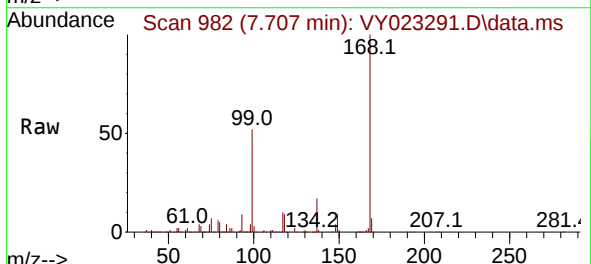


Tgt Ion:113 Resp: 364736
Ion Ratio Lower Upper
113 100
111 101.8 81.1 121.7
192 21.0 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.269 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY023291.D
Acq: 05 Sep 2025 10:20

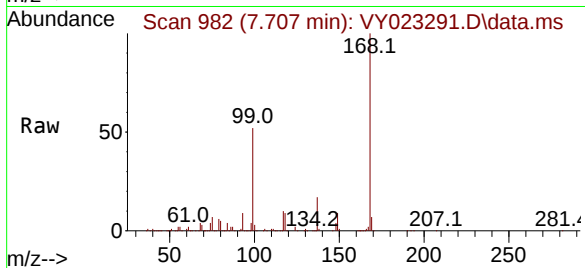
Tgt Ion: 75 Resp: 42624
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.4#
77 0.1 24.6 37.0#



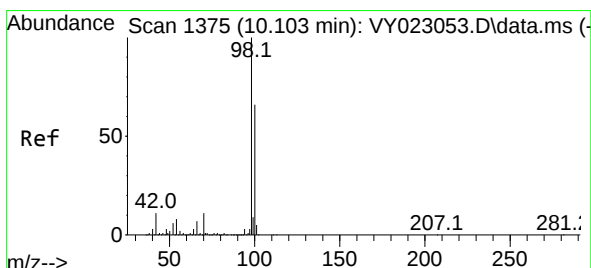
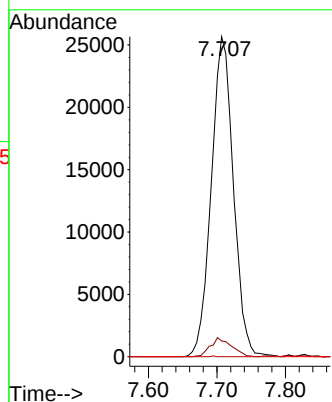
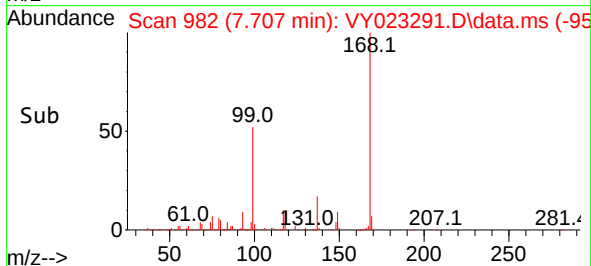


#38
Carbon Tetrachloride
Concen: 5.306 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY023291.D
Acq: 05 Sep 2025 10:20

Instrument :
MSVOA_Y
ClientSampleId :

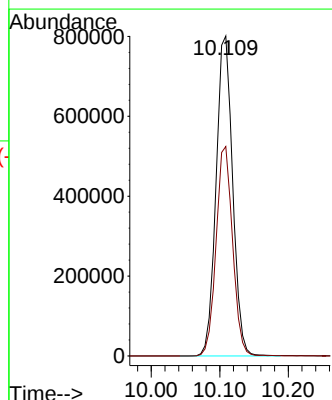
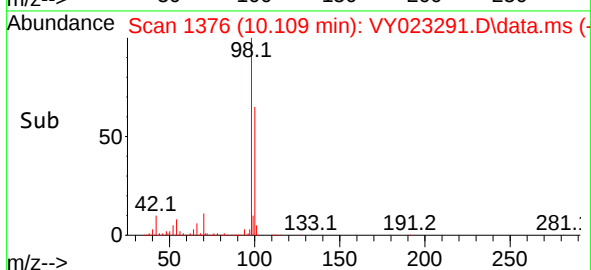
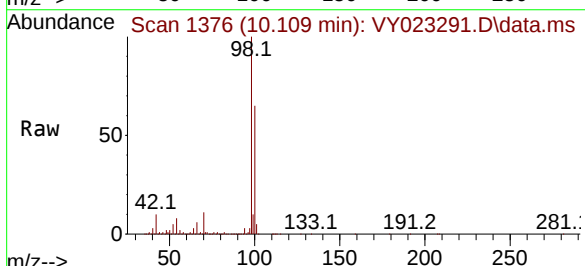


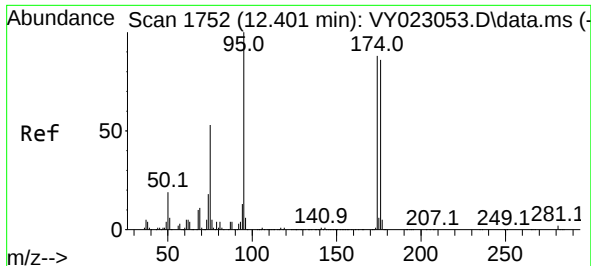
Tgt Ion:117 Resp: 57539
Ion Ratio Lower Upper
117 100
119 4.9 75.6 113.4#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 51.090 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023291.D
Acq: 05 Sep 2025 10:20

Tgt Ion: 98 Resp: 1340887
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5

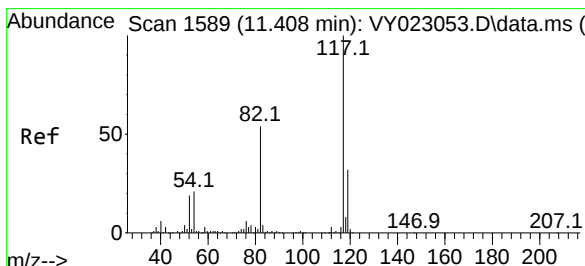
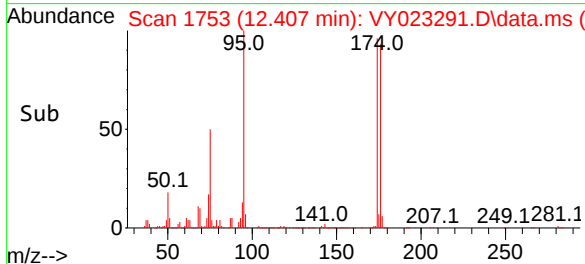
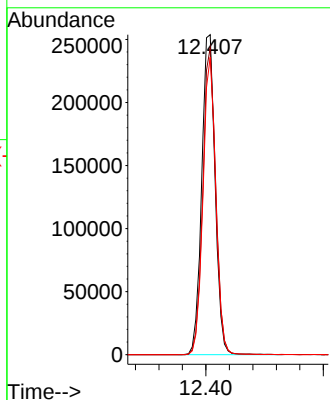
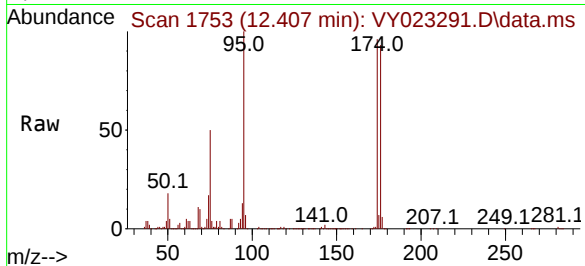




#62
4-Bromofluorobenzene
Concen: 47.601 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023291.D
Acq: 05 Sep 2025 10:20

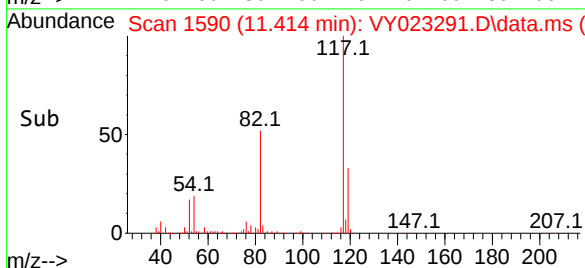
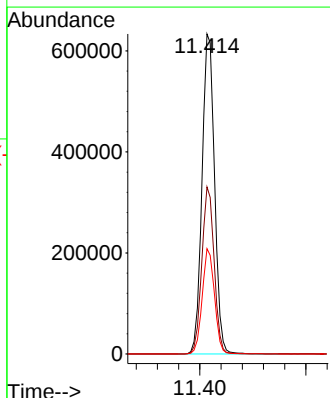
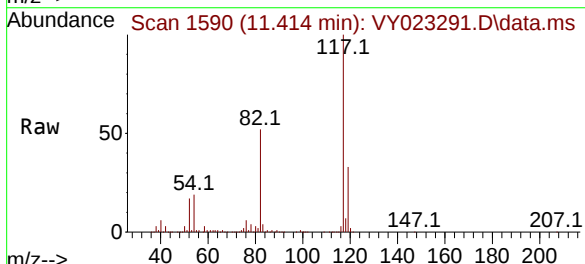
Instrument :
MSVOA_Y
ClientSampleId :

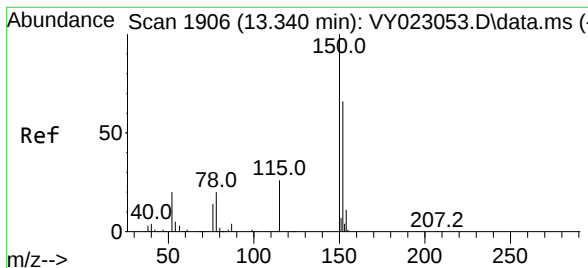
Tgt Ion: 95 Resp: 401780
Ion Ratio Lower Upper
95 100
174 92.9 0.0 171.6
176 89.1 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VY023291.D
Acq: 05 Sep 2025 10:20

Tgt Ion: 117 Resp: 1037616
Ion Ratio Lower Upper
117 100
82 52.2 43.4 65.0
119 32.9 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: VY023291.D

Acq: 05 Sep 2025 10:20

Instrument :

MSVOA_Y

ClientSampleId :

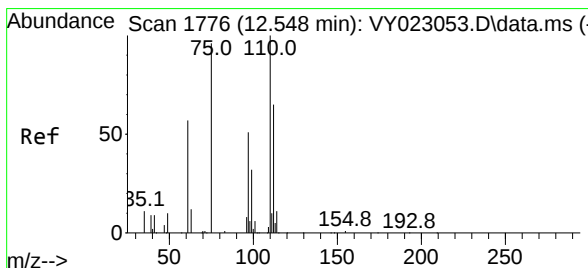
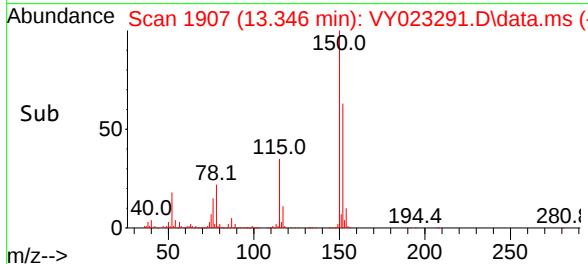
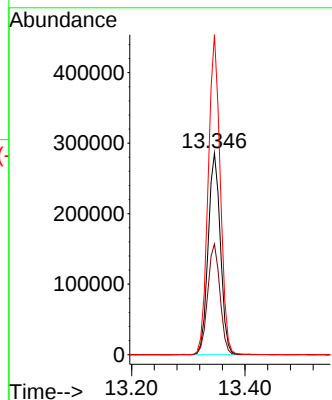
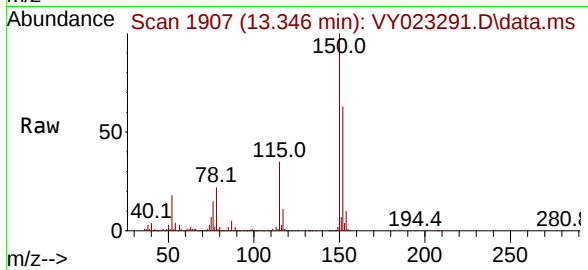
Tgt Ion:152 Resp: 426836

Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.6

150 156.9 0.0 348.0



#76

1,2,3-Trichloropropane

Concen: 49.621 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.147 min

Lab File: VY023291.D

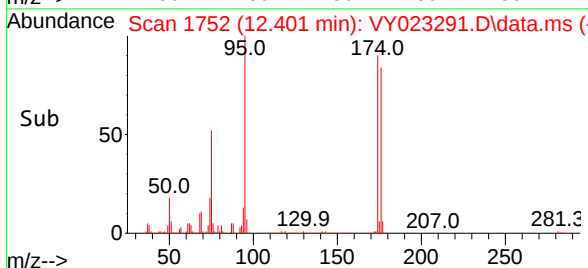
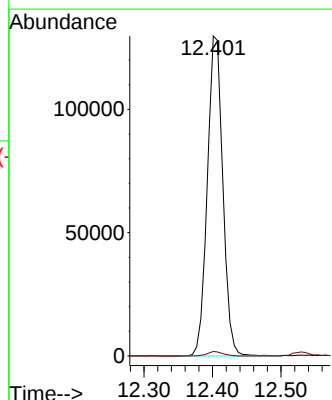
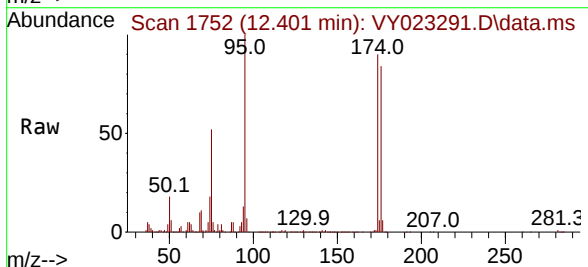
Acq: 05 Sep 2025 10:20

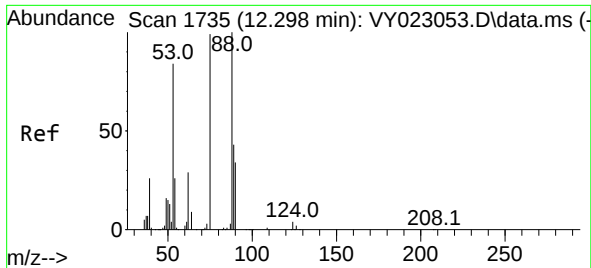
Tgt Ion: 75 Resp: 204410

Ion Ratio Lower Upper

75 100

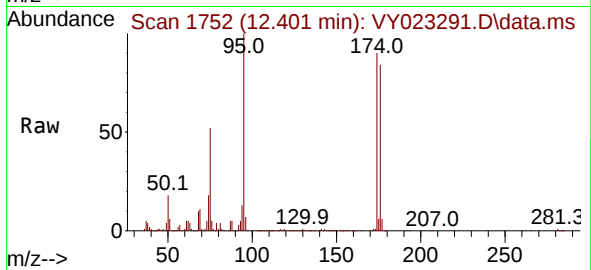
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 120.117 ug/l
RT: 12.401 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY023291.D
Acq: 05 Sep 2025 10:20

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 204410
Ion Ratio Lower Upper
75 100
53 0.2 70.8 106.2#
89 0.1 38.1 57.1#

