

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090525\
 Data File : VY023296.D
 Acq On : 05 Sep 2025 13:15
 Operator : SY/MD
 Sample : Q3027-01
 Misc : 5.33g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 06 01:55:56 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)

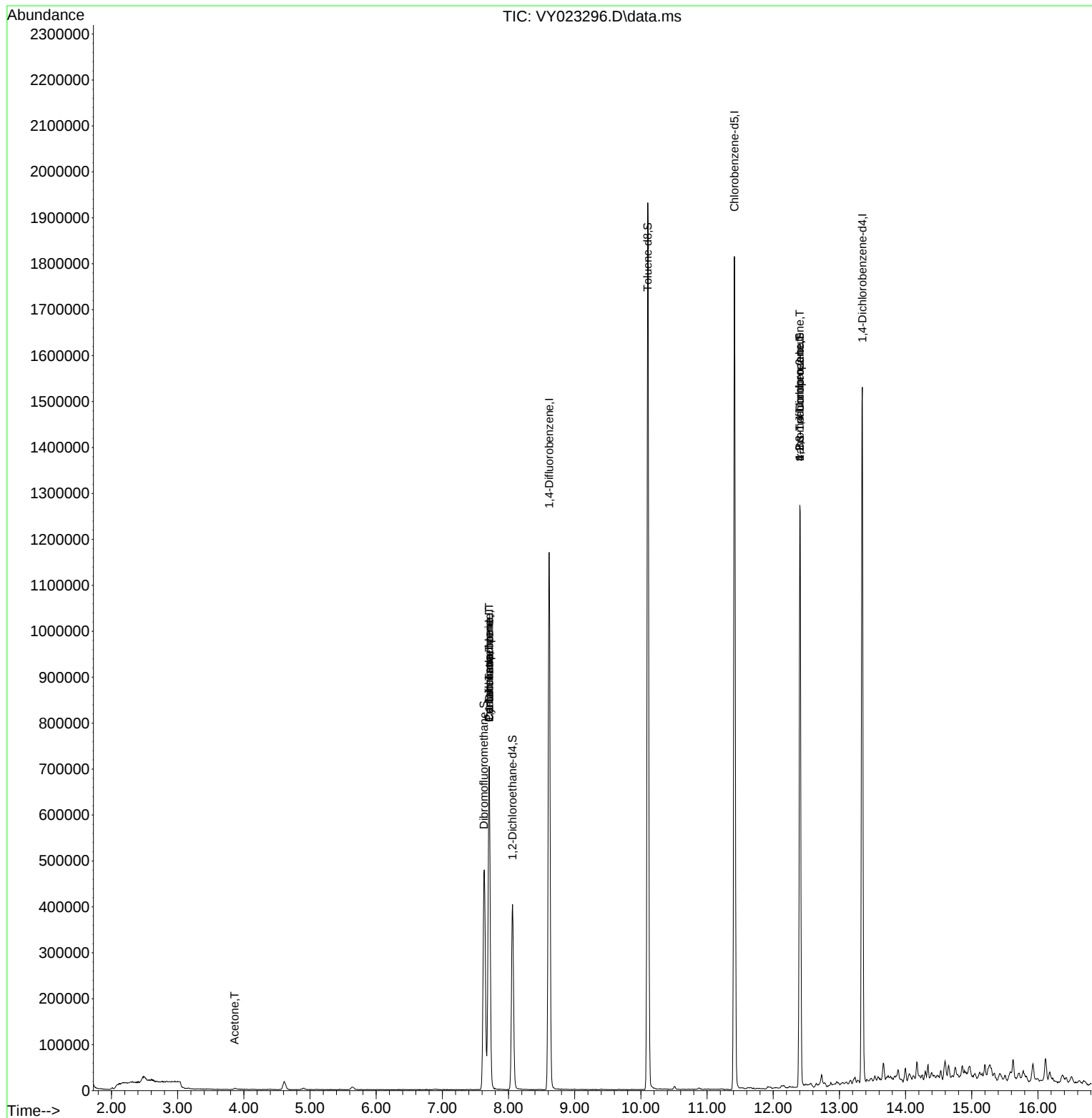
Internal Standards						
1) Pentafluorobenzene	7.707	168	563677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1063342	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	986460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	413215	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	316013	58.823	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.640%	
35) Dibromofluoromethane	7.628	113	351262	55.206	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.420%	
50) Toluene-d8	10.103	98	1275893	51.330	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.660%	
62) 4-Bromofluorobenzene	12.402	95	391389	48.962	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.920%	
Target Compounds						
						Qvalue
16) Acetone	3.860	43	4068	3.495	ug/l	91
20) Methylene Chloride	4.616	84	13532	Below Cal		89
31) Cyclohexane	7.707	56	10931	1.092	ug/l #	7
36) 1,1-Dichloropropene	7.707	75	40580	4.292	ug/l #	50
38) Carbon Tetrachloride	7.707	117	53910	5.249	ug/l #	16
76) 1,2,3-Trichloropropane	12.402	75	195824	49.104	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	195824	118.865	ug/l #	14

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090525\
Data File : VY023296.D
Acq On : 05 Sep 2025 13:15
Operator : SY/MD
Sample : Q3027-01
Misc : 5.33g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 06 01:55:56 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

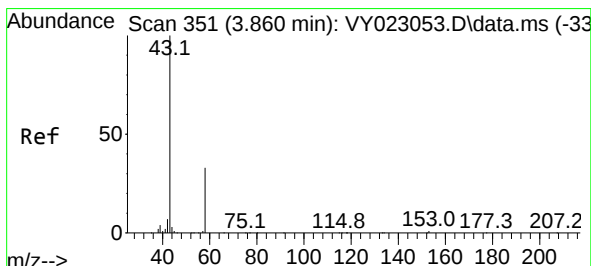
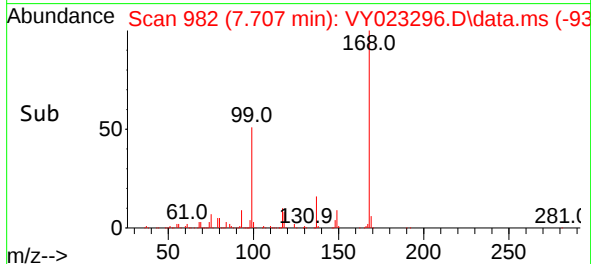
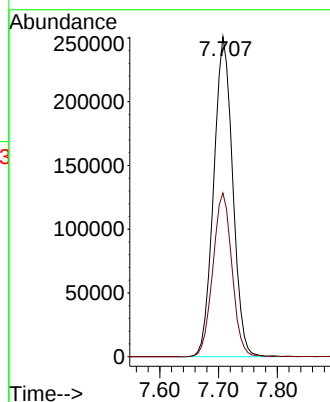
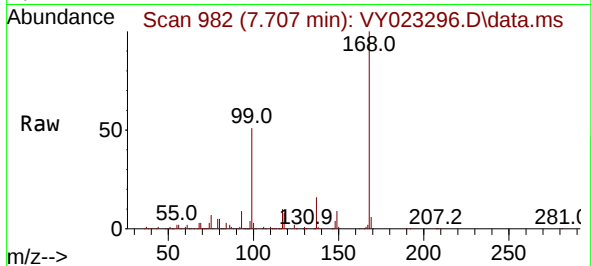




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023296.D
Acq: 05 Sep 2025 13:15

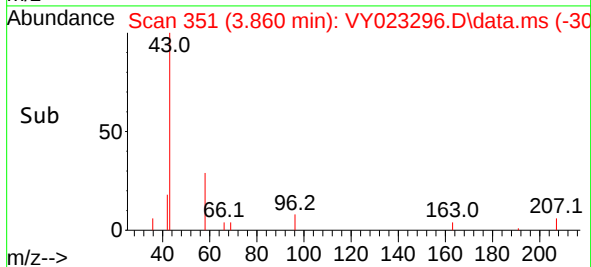
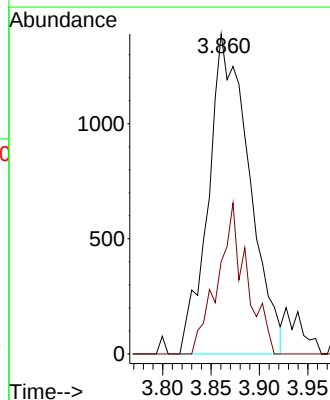
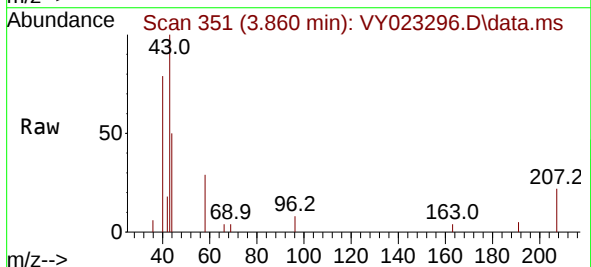
Instrument :
MSVOA_Y
ClientSampleId :

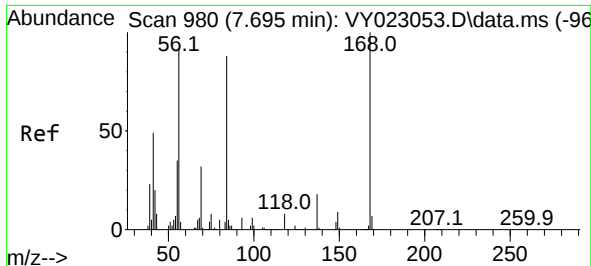
Tgt Ion:168 Resp: 563677
Ion Ratio Lower Upper
168 100
99 51.1 42.8 64.2



#16
Acetone
Concen: 3.495 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY023296.D
Acq: 05 Sep 2025 13:15

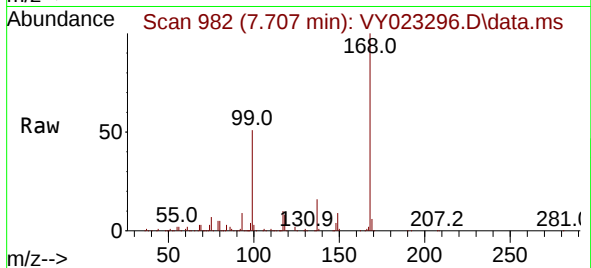
Tgt Ion: 43 Resp: 4068
Ion Ratio Lower Upper
43 100
58 28.8 27.1 40.7



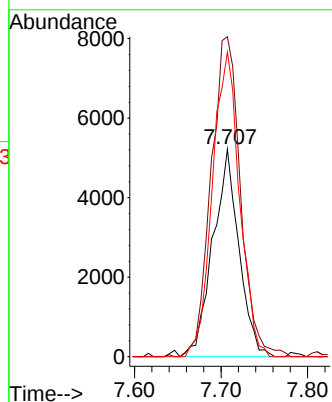
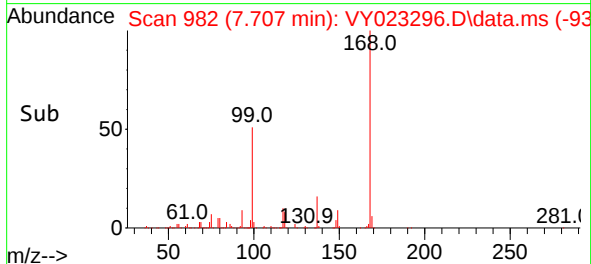


#31
Cyclohexane
Concen: 1.092 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY023296.D
Acq: 05 Sep 2025 13:15

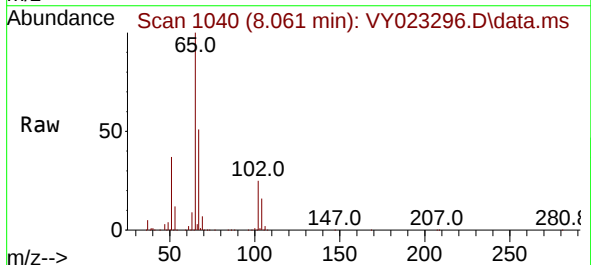
Instrument :
MSVOA_Y
ClientSampleId :



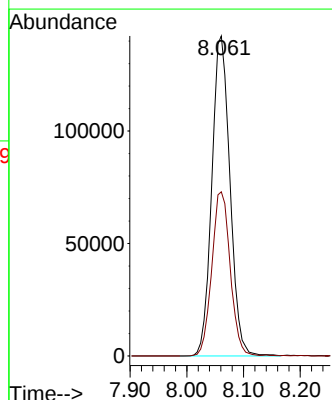
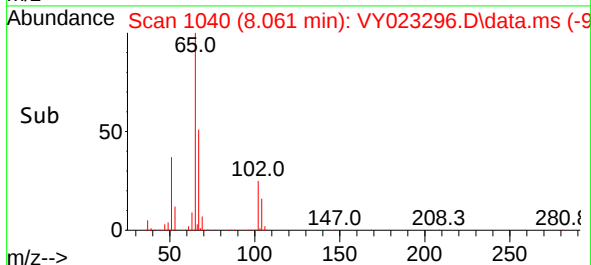
Tgt Ion: 56 Resp: 10931
Ion Ratio Lower Upper
56 100
69 154.2 28.2 42.2#
84 146.7 76.6 114.8#

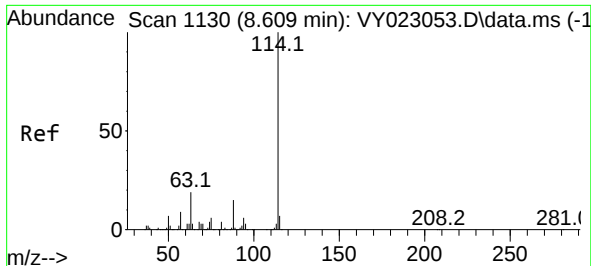


#33
1,2-Dichloroethane-d4
Concen: 58.823 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY023296.D
Acq: 05 Sep 2025 13:15



Tgt Ion: 65 Resp: 316013
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.8

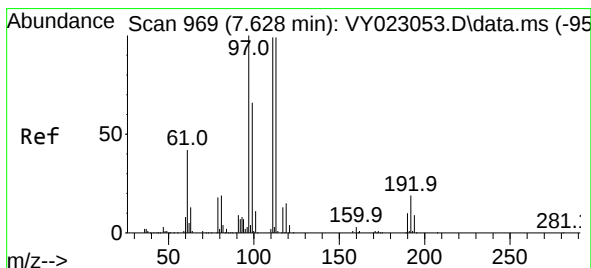
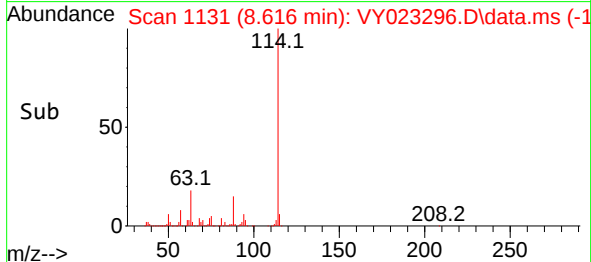
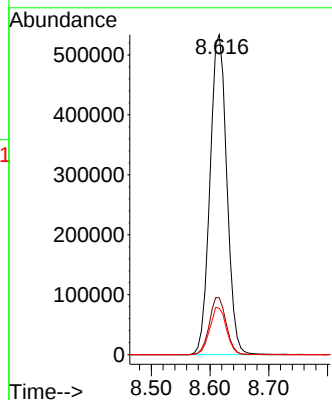
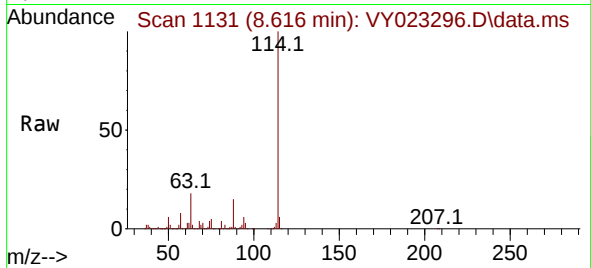




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VY023296.D
Acq: 05 Sep 2025 13:15

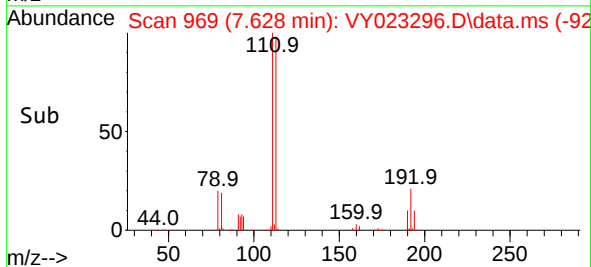
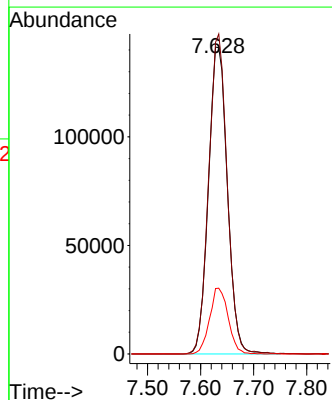
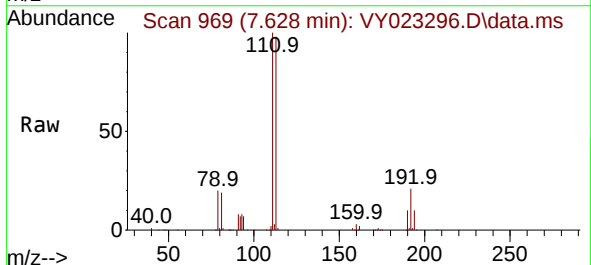
Instrument :
MSVOA_Y
ClientSampleId :

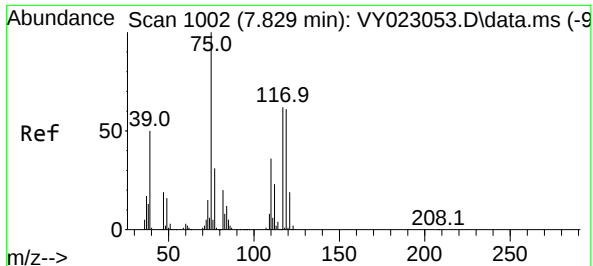
Tgt Ion:114 Resp: 1063342
Ion Ratio Lower Upper
114 100
63 17.8 0.0 38.4
88 14.5 0.0 30.0



#35
Dibromofluoromethane
Concen: 55.206 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY023296.D
Acq: 05 Sep 2025 13:15

Tgt Ion:113 Resp: 351262
Ion Ratio Lower Upper
113 100
111 101.6 81.1 121.7
192 21.0 16.2 24.4





#36

1,1-Dichloropropene

Concen: 4.292 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.122 min

Lab File: VY023296.D

Acq: 05 Sep 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

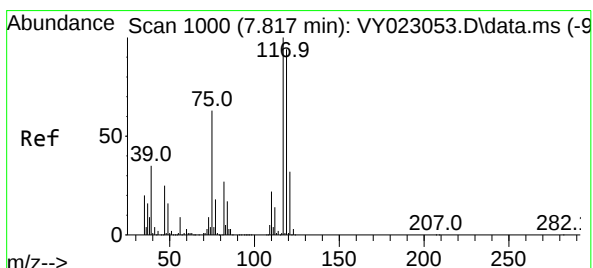
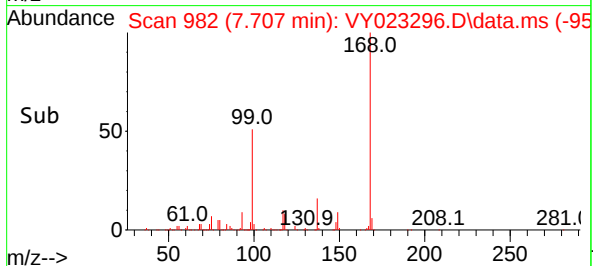
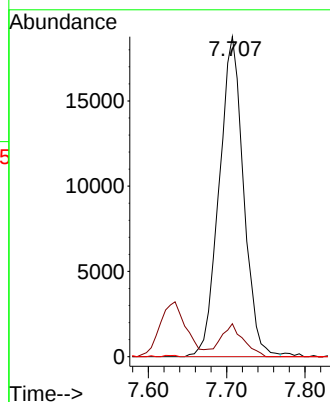
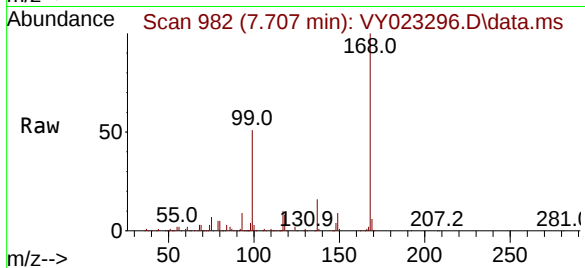
Tgt Ion: 75 Resp: 40580

Ion Ratio Lower Upper

75 100

110 9.8 18.1 54.4#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.249 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.110 min

Lab File: VY023296.D

Acq: 05 Sep 2025 13:15

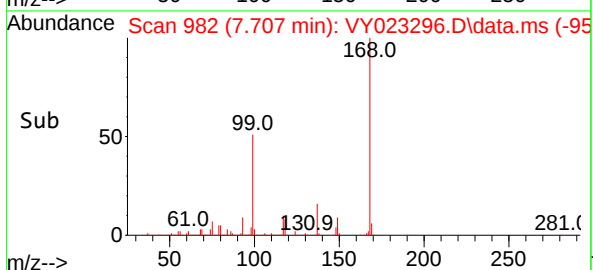
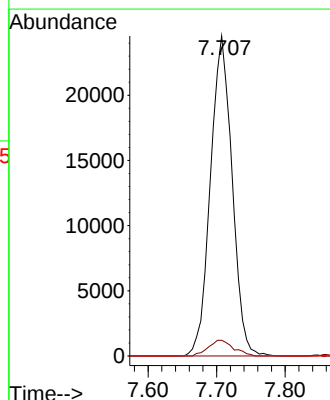
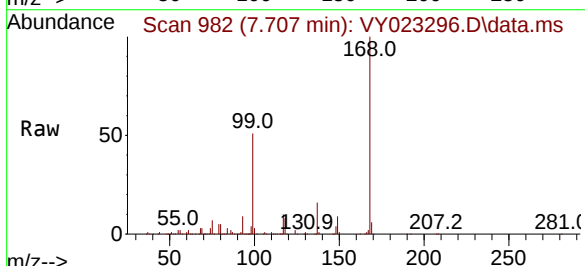
Tgt Ion: 117 Resp: 53910

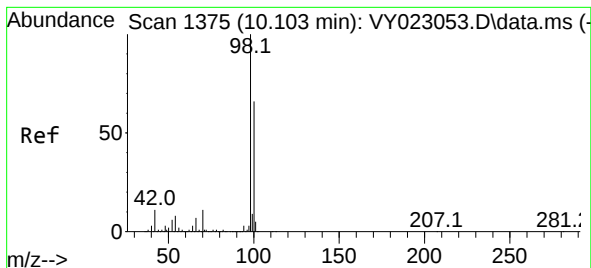
Ion Ratio Lower Upper

117 100

119 4.9 75.6 113.4#

121 0.0 25.8 38.8#

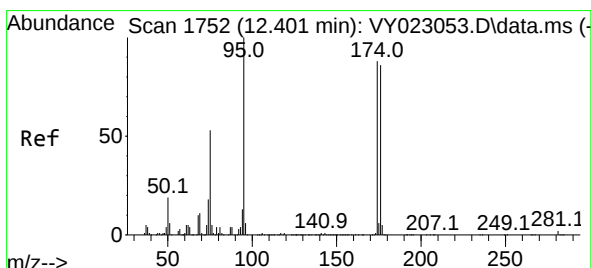
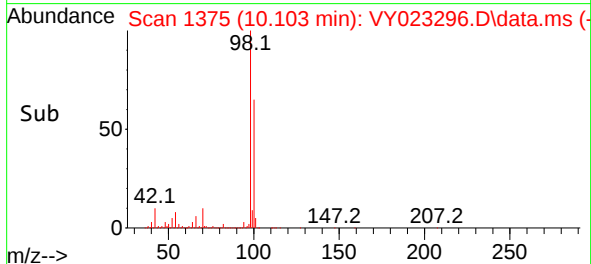
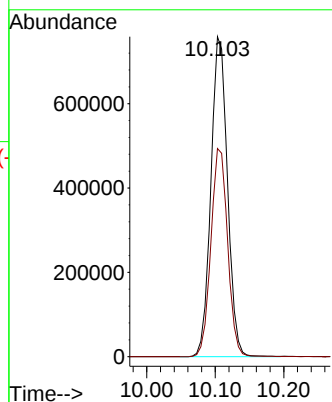
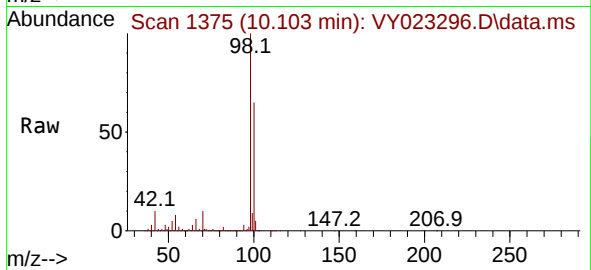




#50
Toluene-d8
Concen: 51.330 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY023296.D
Acq: 05 Sep 2025 13:15

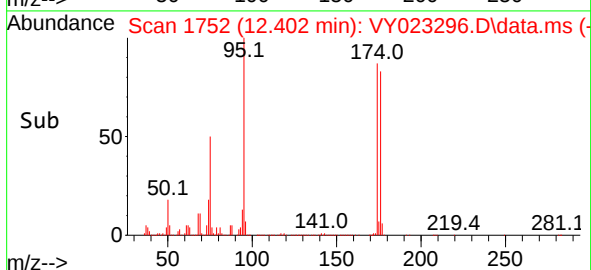
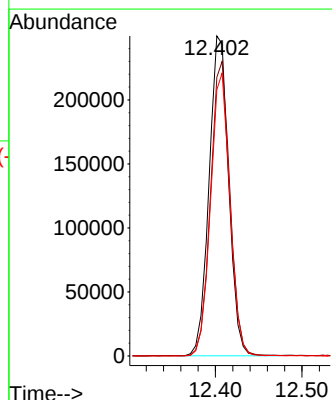
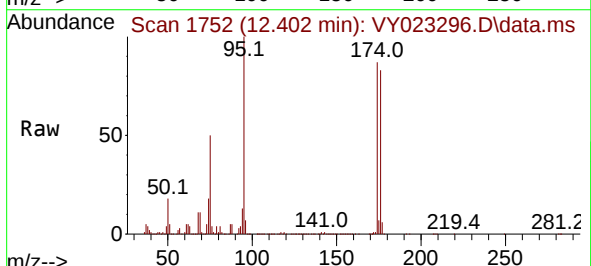
Instrument :
MSVOA_Y
ClientSampleId :

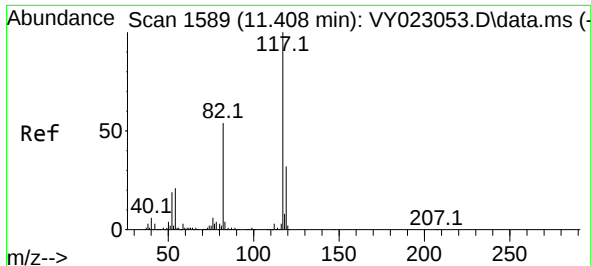
Tgt Ion: 98 Resp: 1275893
Ion Ratio Lower Upper
98 100
100 65.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 48.962 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023296.D
Acq: 05 Sep 2025 13:15

Tgt Ion: 95 Resp: 391389
Ion Ratio Lower Upper
95 100
174 91.6 0.0 171.6
176 87.6 0.0 167.6

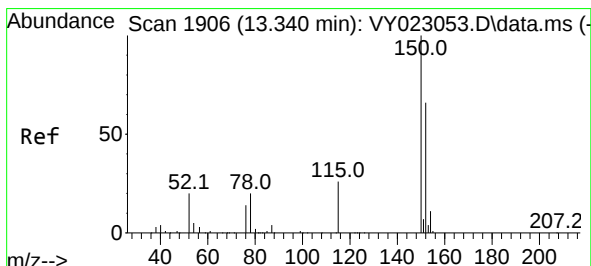
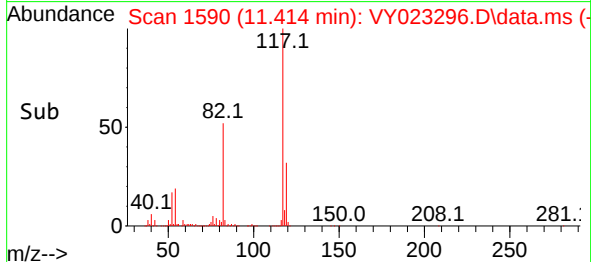
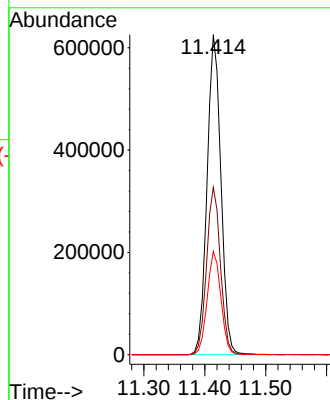
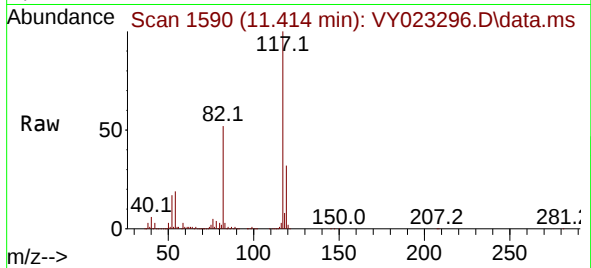




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023296.D
Acq: 05 Sep 2025 13:15

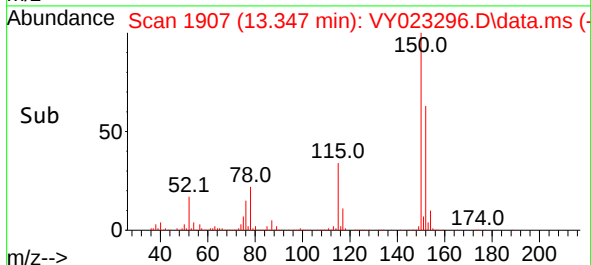
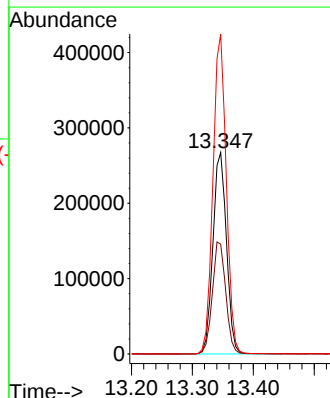
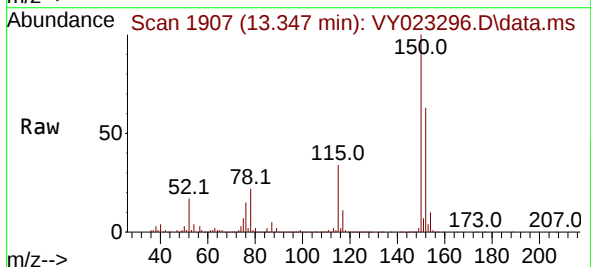
Instrument :
MSVOA_Y
ClientSampleId :

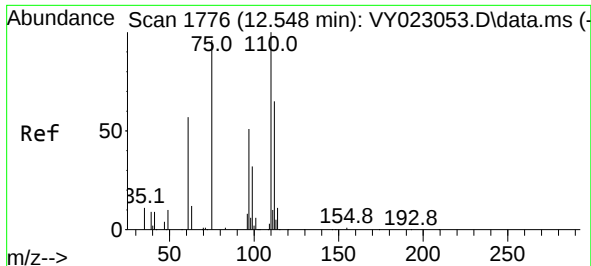
Tgt Ion:117 Resp: 986460
Ion Ratio Lower Upper
117 100
82 52.3 43.4 65.0
119 32.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023296.D
Acq: 05 Sep 2025 13:15

Tgt Ion:152 Resp: 413215
Ion Ratio Lower Upper
152 100
115 55.2 28.2 84.6
150 155.5 0.0 348.0

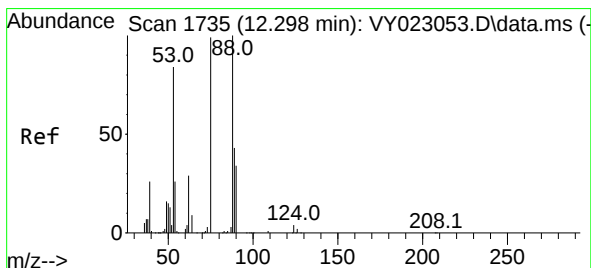
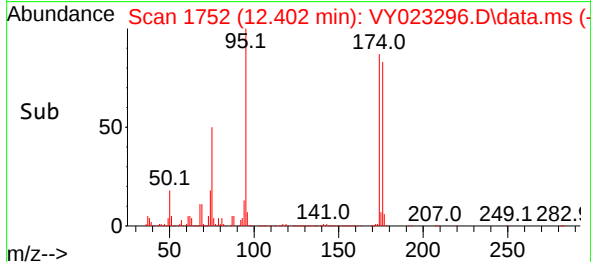
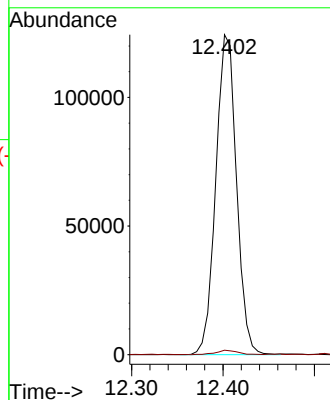
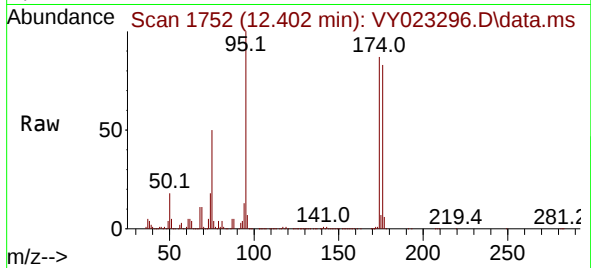




#76
1,2,3-Trichloropropane
Concen: 49.104 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.146 min
Lab File: VY023296.D
Acq: 05 Sep 2025 13:15

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 195824
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.865 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.104 min
Lab File: VY023296.D
Acq: 05 Sep 2025 13:15

Tgt Ion: 75 Resp: 195824
Ion Ratio Lower Upper
75 100
53 0.2 70.8 106.2#
89 0.1 38.1 57.1#

