

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
 Data File : VY023378.D
 Acq On : 25 Sep 2025 16:53
 Operator : SY/MD
 Sample : Q3206-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 26 04:27:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 10 01:44:33 2025
 Response via : Initial Calibration

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

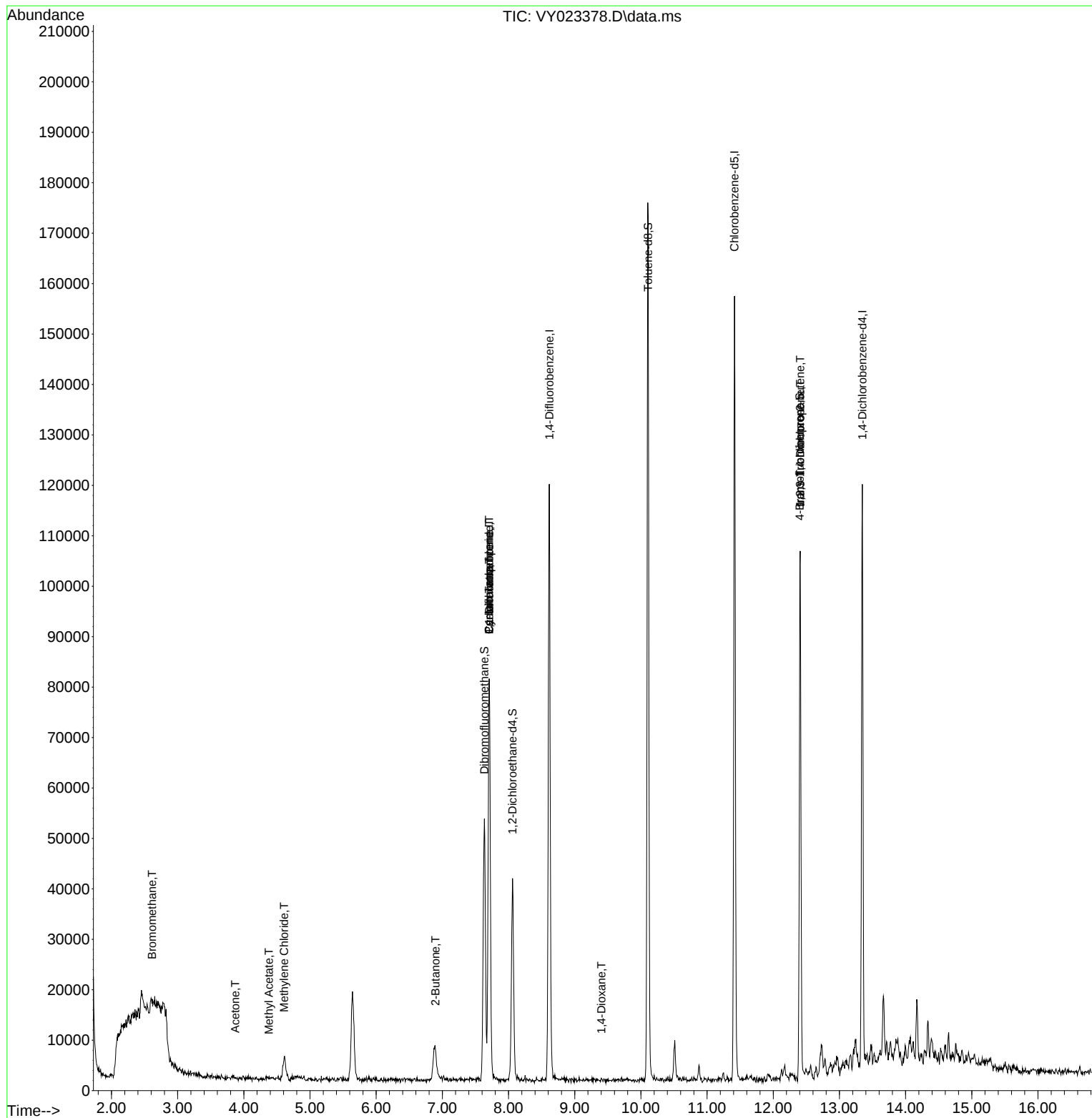
Internal Standards						
1) Pentafluorobenzene	7.707	168	66269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	106279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	87708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	30581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	30416	52.233	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.460%	
35) Dibromofluoromethane	7.634	113	37625	57.916	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.840%	
50) Toluene-d8	10.109	98	119646	48.773	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.540%	
62) 4-Bromofluorobenzene	12.402	95	30127	39.025	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 78.060%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.611	94	1102	1.408	ug/l #	63
16) Acetone	3.873	43	638	4.810	ug/l #	41
18) Methyl Acetate	4.379	43	390	1.199	ug/l #	48
20) Methylene Chloride	4.610	84	3386	4.771	ug/l #	84
25) 2-Butanone	6.896	43	456	2.793	ug/l #	45
31) Cyclohexane	7.707	56	1182	1.160	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	4728	5.110	ug/l #	50
38) Carbon Tetrachloride	7.707	117	6369	5.982	ug/l #	20
49) 1,4-Dioxane	9.402	88	23	5.728	ug/l #	24
76) 1,2,3-Trichloropropane	12.408	75	14876	48.035	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	14876	130.996	ug/l #	14

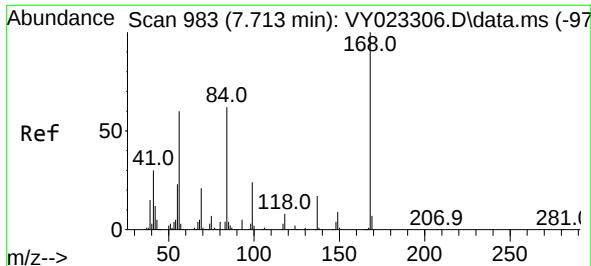
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
Data File : VY023378.D
Acq On : 25 Sep 2025 16:53
Operator : SY/MD
Sample : Q3206-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 26 04:27:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 10 01:44:33 2025
Response via : Initial Calibration

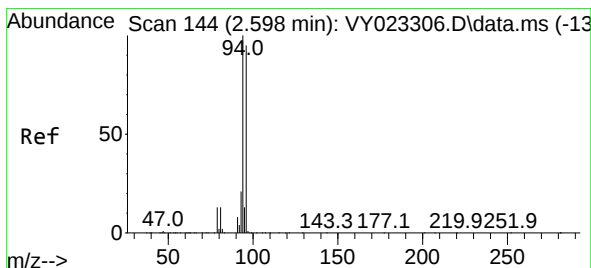
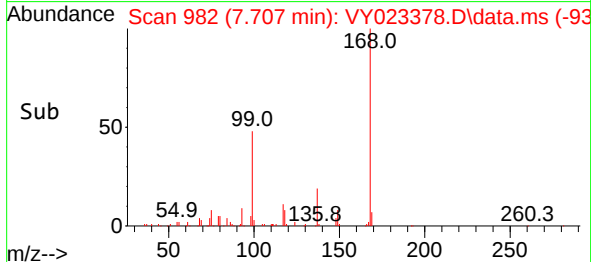
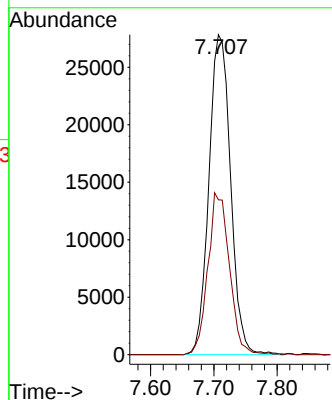
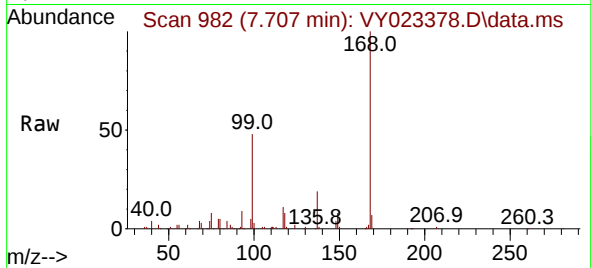




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023378.D
Acq: 25 Sep 2025 16:53

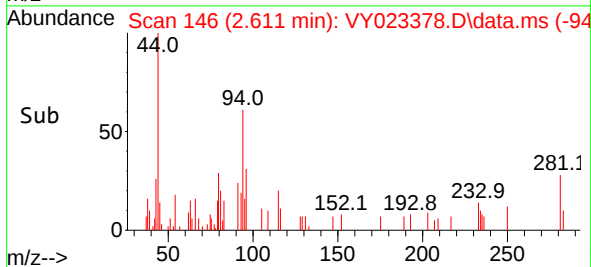
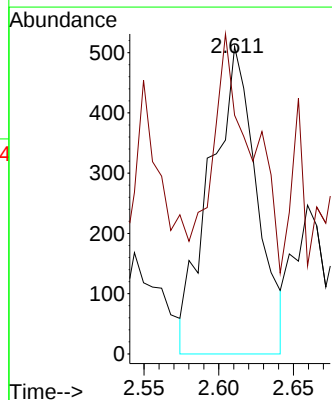
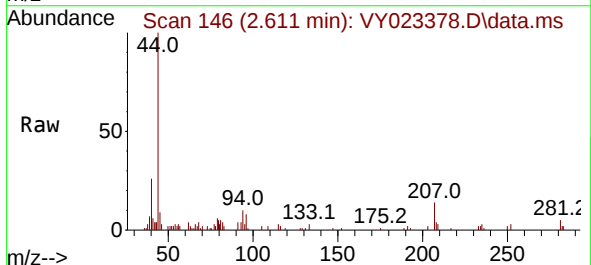
Instrument :
MSVOA_Y
ClientSampleId :

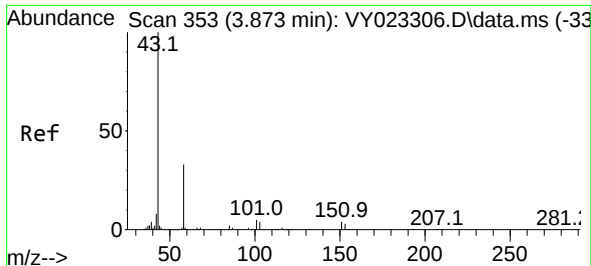
Tgt Ion:168 Resp: 66269
Ion Ratio Lower Upper
168 100
99 48.4 42.8 64.2



#5
Bromomethane
Concen: 1.408 ug/l
RT: 2.611 min Scan# 146
Delta R.T. 0.018 min
Lab File: VY023378.D
Acq: 25 Sep 2025 16:53

Tgt Ion: 94 Resp: 1102
Ion Ratio Lower Upper
94 100
96 58.1 74.6 112.0#

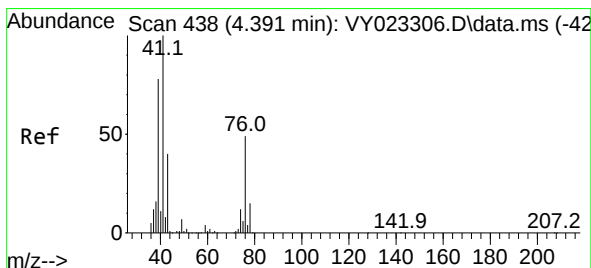
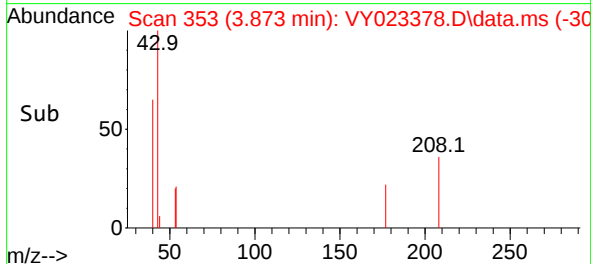
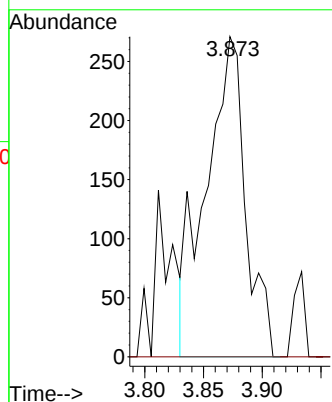
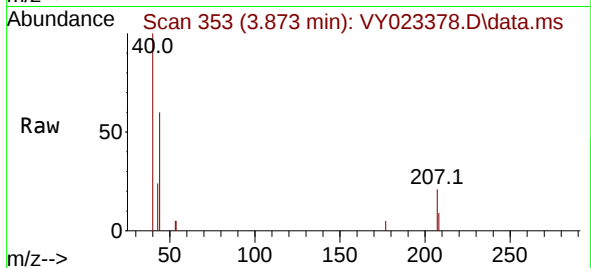




#16
Acetone
Concen: 4.810 ug/l
RT: 3.873 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY023378.D
Acq: 25 Sep 2025 16:53

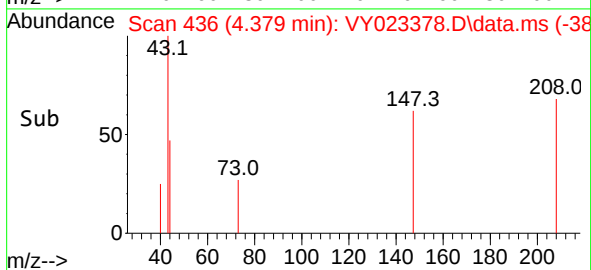
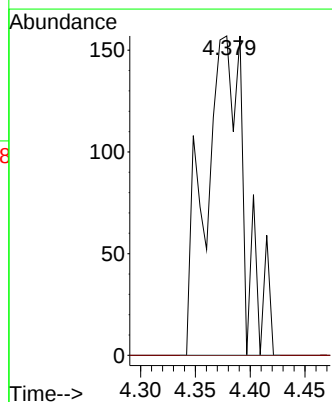
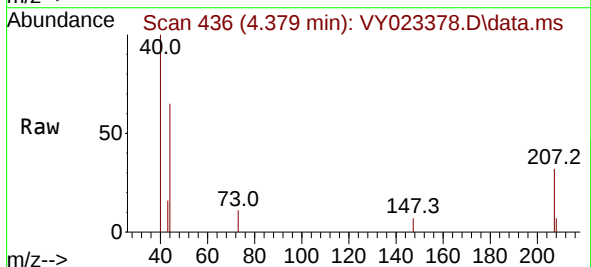
Instrument :
MSVOA_Y
ClientSampleId :

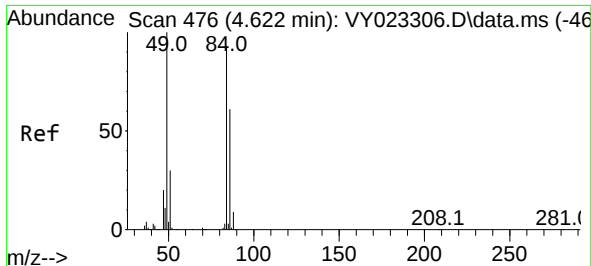
Tgt Ion: 43 Resp: 638
Ion Ratio Lower Upper
43 100
58 0.0 27.1 40.7#



#18
Methyl Acetate
Concen: 1.199 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY023378.D
Acq: 25 Sep 2025 16:53

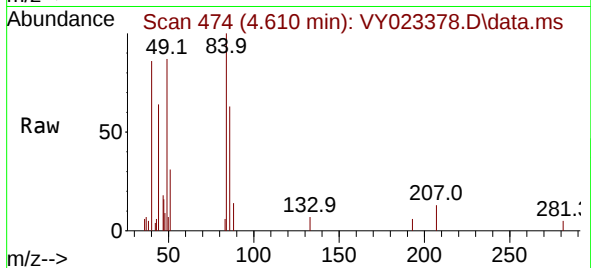
Tgt Ion: 43 Resp: 390
Ion Ratio Lower Upper
43 100
74 0.0 21.2 31.8#



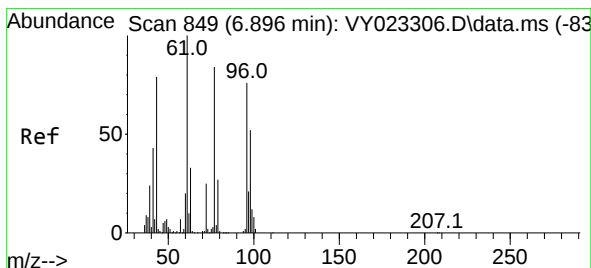
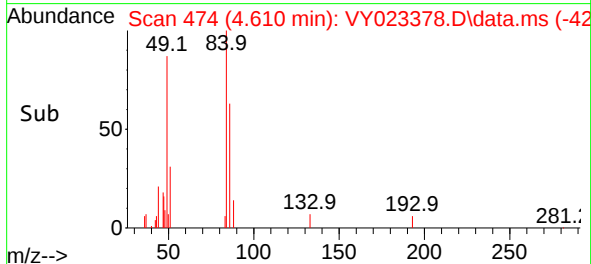
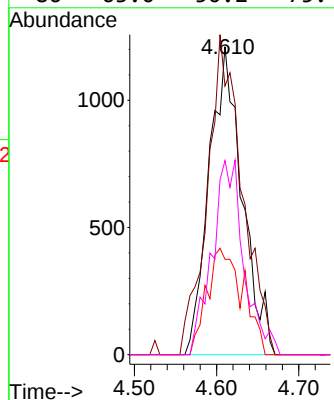


#20
Methylene Chloride
Concen: 4.771 ug/l
RT: 4.610 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY023378.D
Acq: 25 Sep 2025 16:53

Instrument :
MSVOA_Y
ClientSampleId :

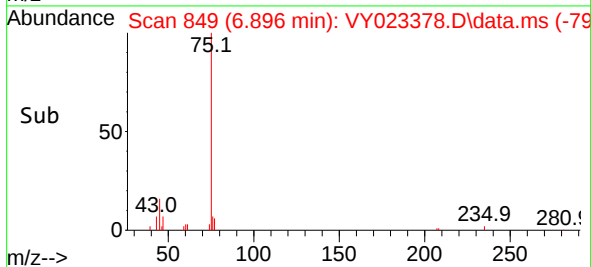
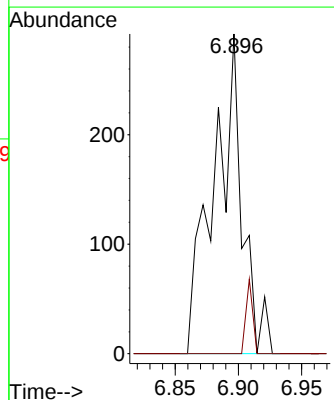
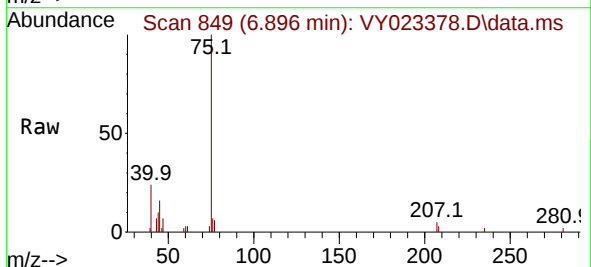


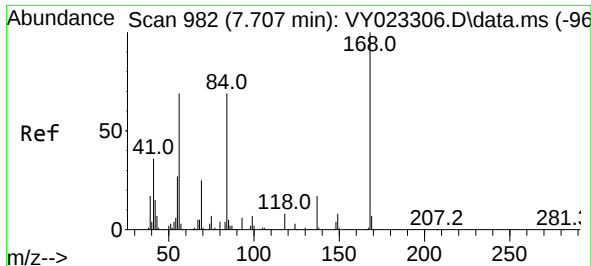
Tgt Ion: 84 Resp: 3386
Ion Ratio Lower Upper
84 100
49 87.2 93.0 139.6#
51 31.0 29.0 43.4
86 63.0 50.2 75.4



#25
2-Butanone
Concen: 2.793 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY023378.D
Acq: 25 Sep 2025 16:53

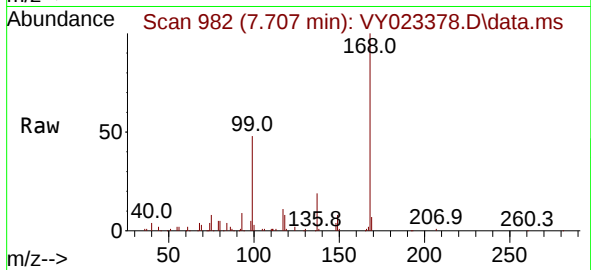
Tgt Ion: 43 Resp: 456
Ion Ratio Lower Upper
43 100
72 0.0 23.5 35.3#



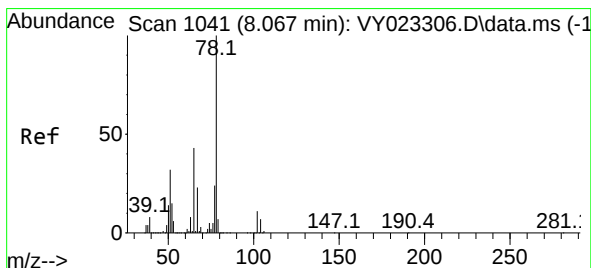
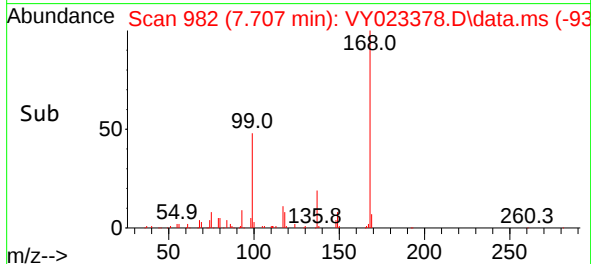
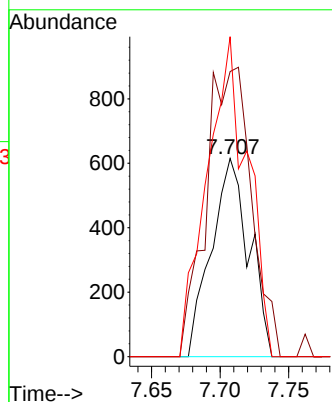


#31
Cyclohexane
Concen: 1.160 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY023378.D
Acq: 25 Sep 2025 16:53

Instrument :
MSVOA_Y
ClientSampleId :

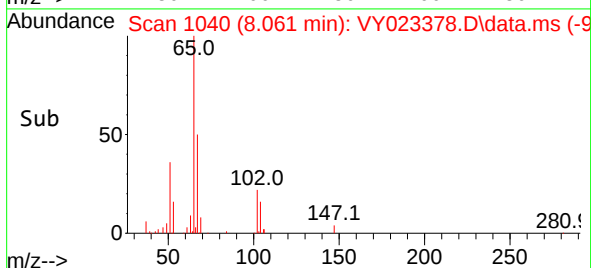
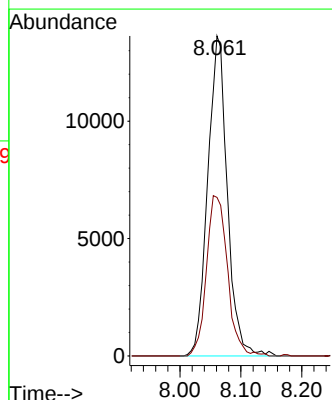
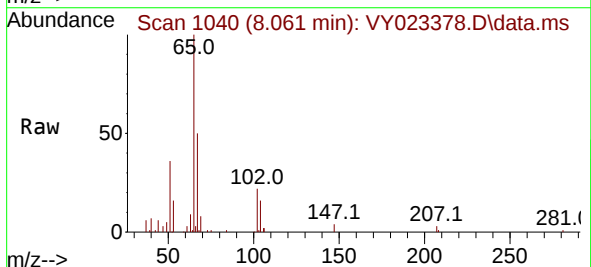


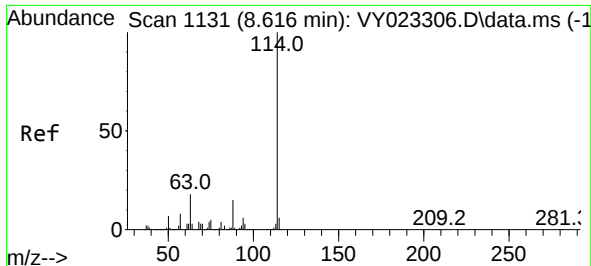
Tgt Ion: 56 Resp: 1182
Ion Ratio Lower Upper
56 100
69 143.9 28.2 42.2#
84 161.5 76.6 114.8#



#33
1,2-Dichloroethane-d4
Concen: 52.233 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY023378.D
Acq: 25 Sep 2025 16:53

Tgt Ion: 65 Resp: 30416
Ion Ratio Lower Upper
65 100
67 53.9 0.0 106.8

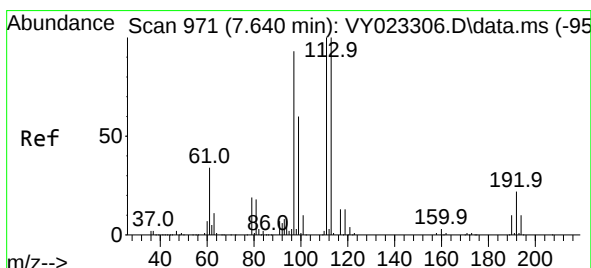
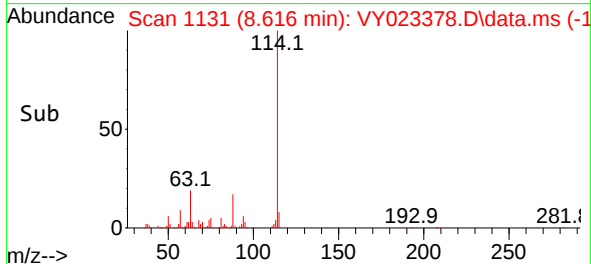
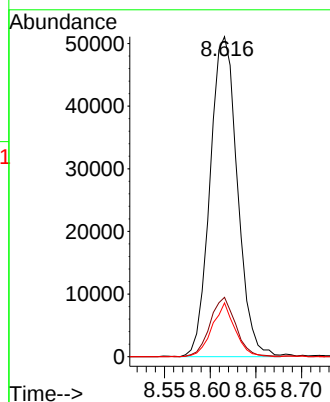
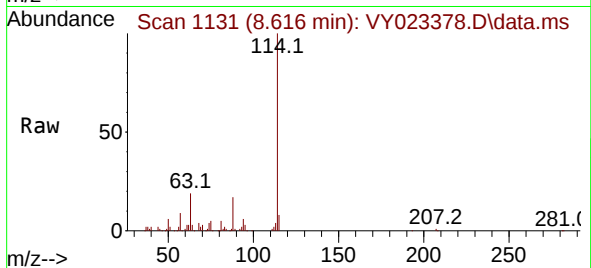




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VY023378.D
Acq: 25 Sep 2025 16:53

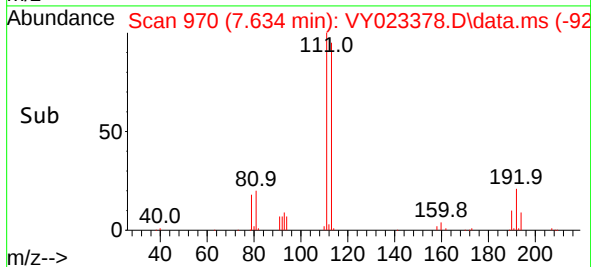
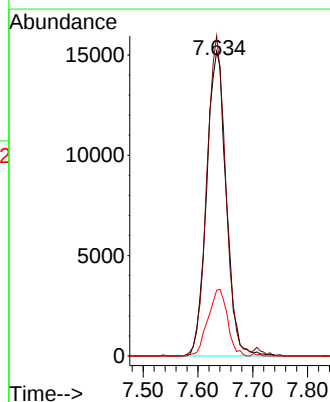
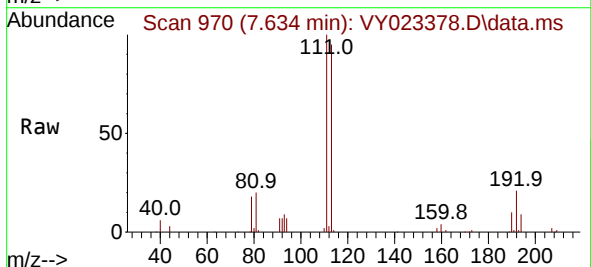
Instrument :
MSVOA_Y
ClientSampleId :

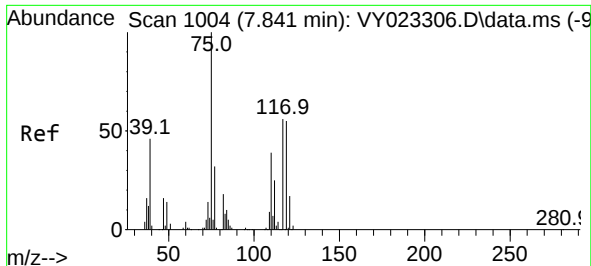
Tgt Ion:114 Resp: 106279
Ion Ratio Lower Upper
114 100
63 18.6 0.0 38.4
88 16.8 0.0 30.0



#35
Dibromofluoromethane
Concen: 57.916 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY023378.D
Acq: 25 Sep 2025 16:53

Tgt Ion:113 Resp: 37625
Ion Ratio Lower Upper
113 100
111 100.9 81.1 121.7
192 21.7 16.2 24.4

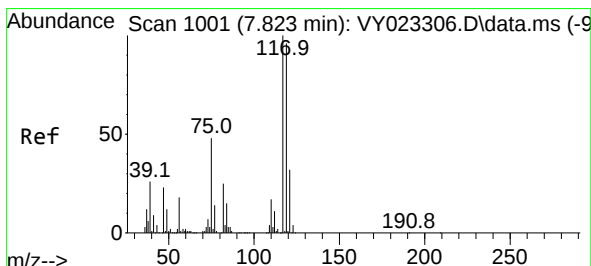
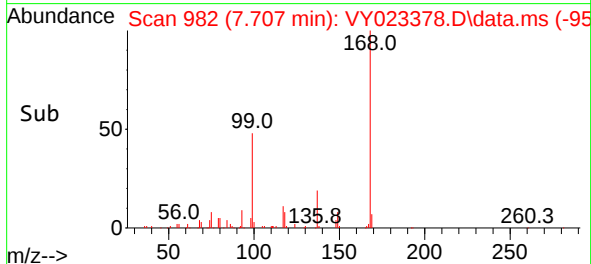
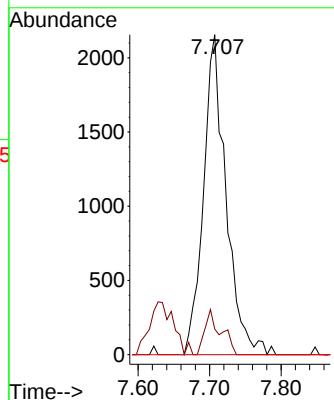
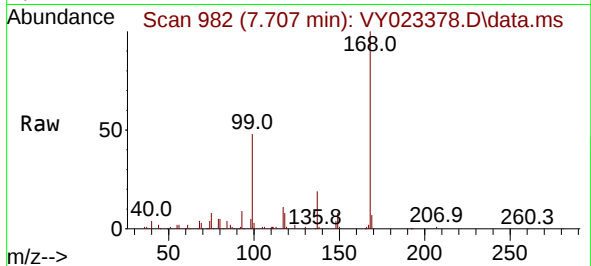




#36
 1,1-Dichloropropene
 Concen: 5.110 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.122 min
 Lab File: VY023378.D
 Acq: 25 Sep 2025 16:53

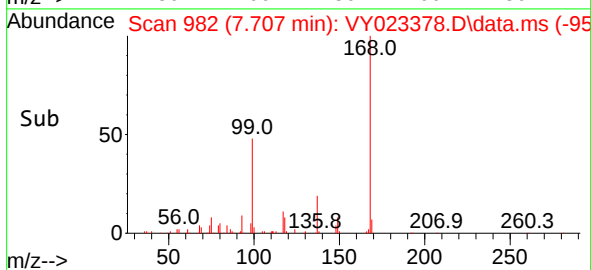
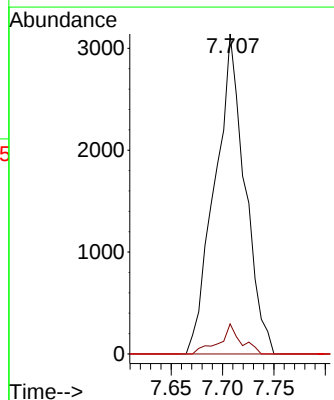
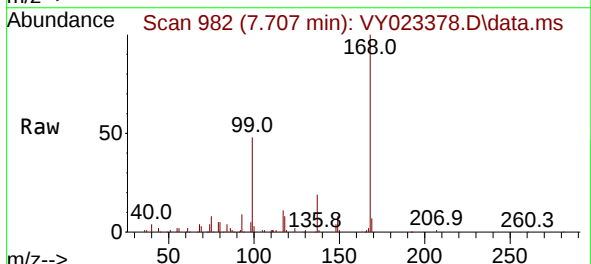
Instrument :
 MSVOA_Y
 ClientSampleId :

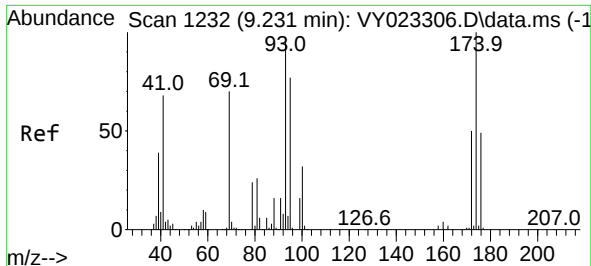
Tgt Ion: 75 Resp: 4728
 Ion Ratio Lower Upper
 75 100
 110 10.0 18.1 54.4#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.982 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.110 min
 Lab File: VY023378.D
 Acq: 25 Sep 2025 16:53

Tgt Ion: 117 Resp: 6369
 Ion Ratio Lower Upper
 117 100
 119 9.4 75.6 113.4#
 121 0.0 25.8 38.8#





#49

1,4-Dioxane

Concen: 5.728 ug/l

RT: 9.402 min Scan# 11

Delta R.T. 0.177 min

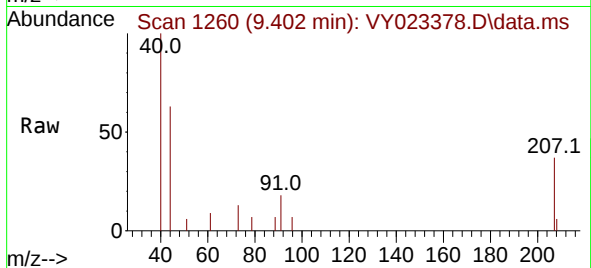
Lab File: VY023378.D

Acq: 25 Sep 2025 16:53

Instrument :

MSVOA_Y

ClientSampleId :



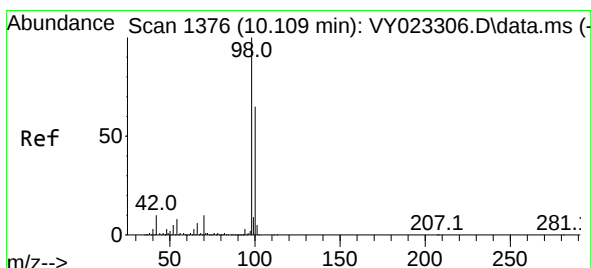
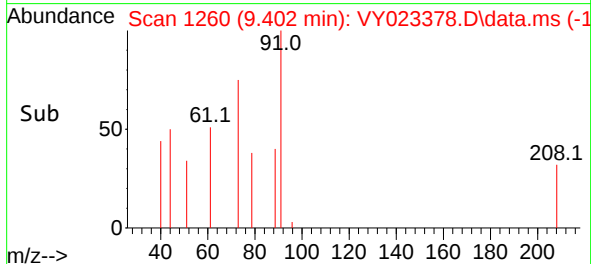
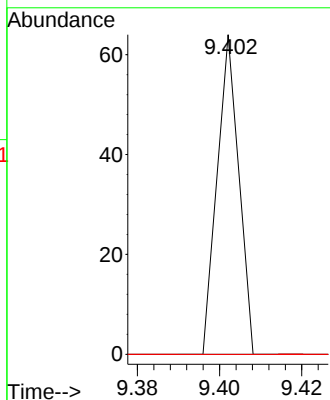
Tgt Ion: 88 Resp: 23

Ion Ratio Lower Upper

88 100

43 0.0 24.3 36.5#

58 0.0 55.4 83.0#



#50

Toluene-d8

Concen: 48.773 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023378.D

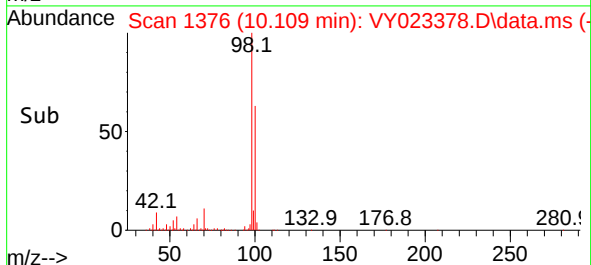
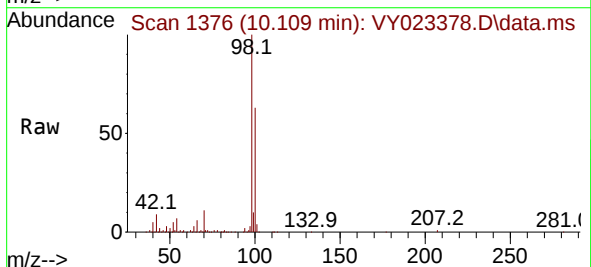
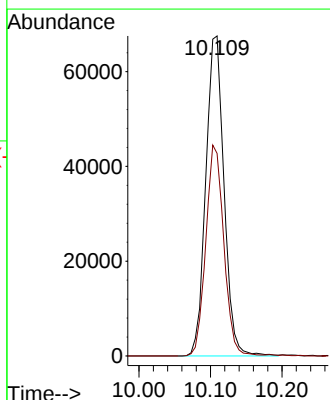
Acq: 25 Sep 2025 16:53

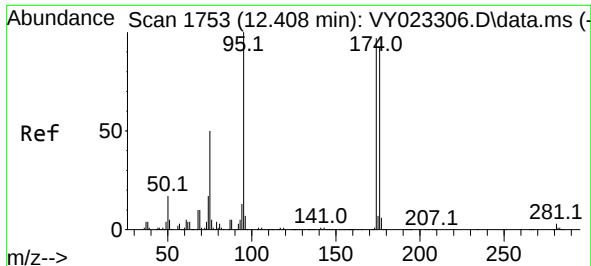
Tgt Ion: 98 Resp: 119646

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5

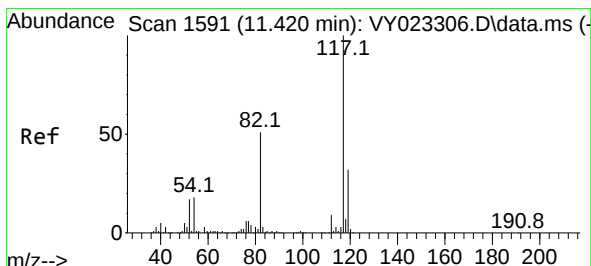
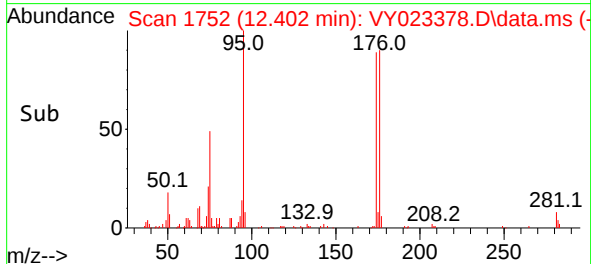
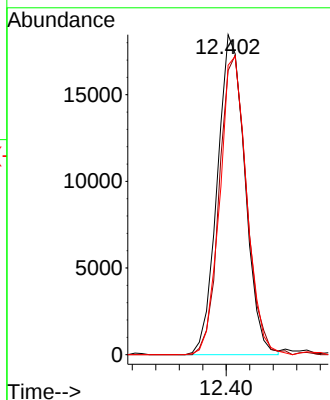
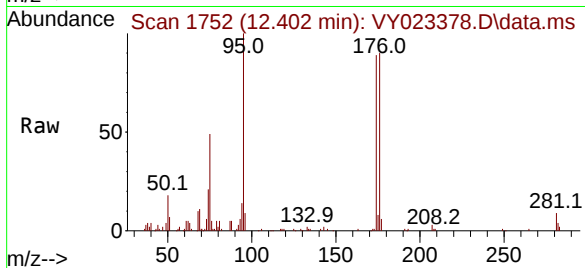




#62
4-Bromofluorobenzene
Concen: 39.025 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023378.D
Acq: 25 Sep 2025 16:53

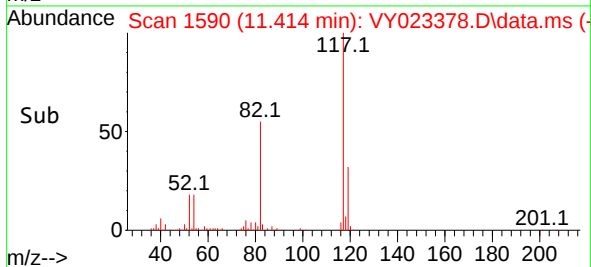
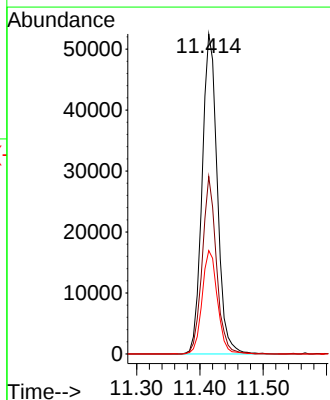
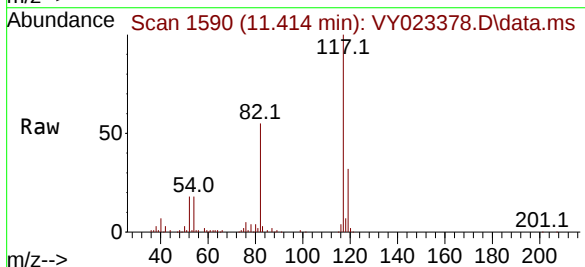
Instrument :
MSVOA_Y
ClientSampleId :

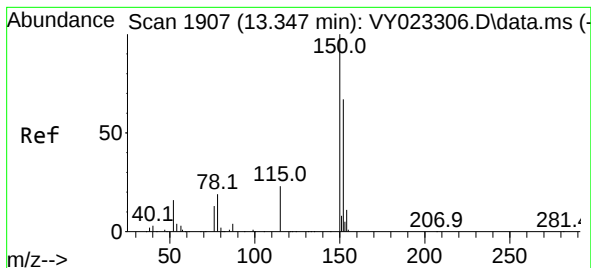
Tgt Ion: 95 Resp: 30127
Ion Ratio Lower Upper
95 100
174 92.1 0.0 171.6
176 91.0 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VY023378.D
Acq: 25 Sep 2025 16:53

Tgt Ion: 117 Resp: 87708
Ion Ratio Lower Upper
117 100
82 55.5 43.4 65.0
119 32.3 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023378.D

Acq: 25 Sep 2025 16:53

Instrument :

MSVOA_Y

ClientSampleId :

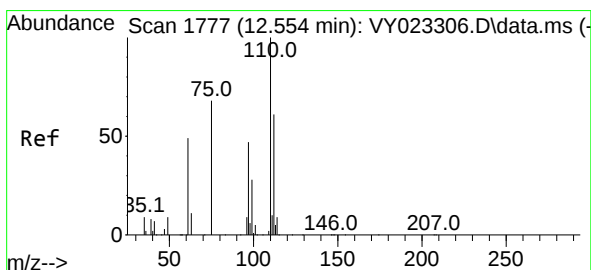
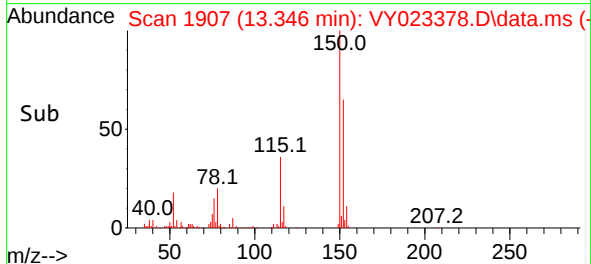
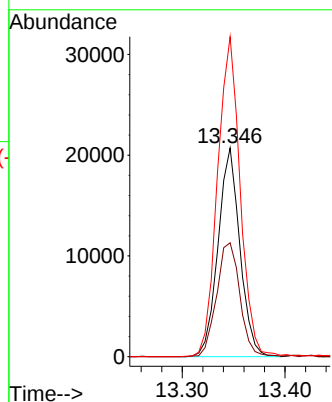
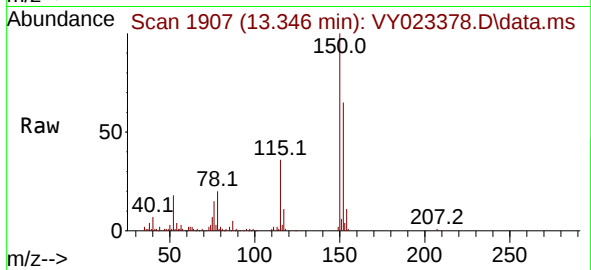
Tgt Ion:152 Resp: 30581

Ion Ratio Lower Upper

152 100

115 58.4 28.2 84.6

150 159.2 0.0 348.0



#76

1,2,3-Trichloropropane

Concen: 48.035 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.140 min

Lab File: VY023378.D

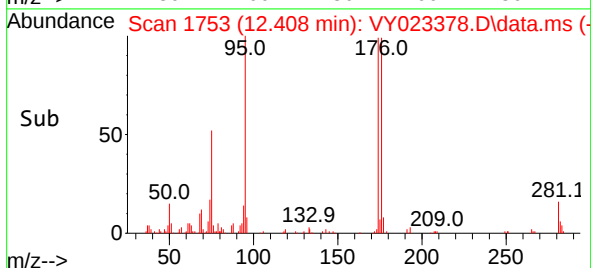
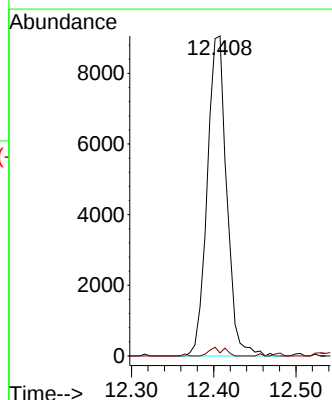
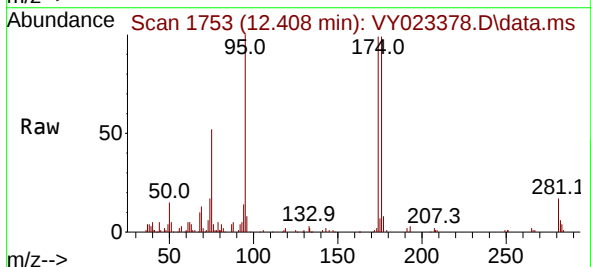
Acq: 25 Sep 2025 16:53

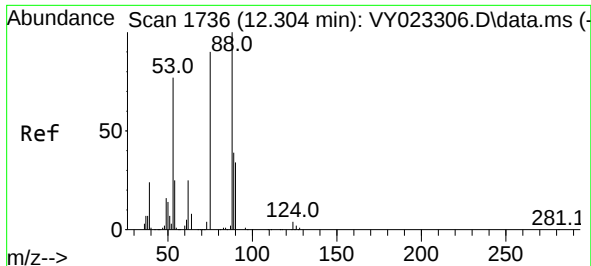
Tgt Ion: 75 Resp: 14876

Ion Ratio Lower Upper

75 100

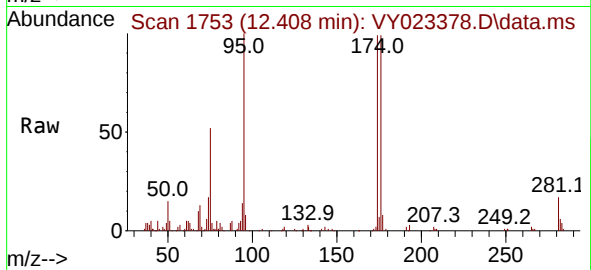
77 2.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.996 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY023378.D
 Acq: 25 Sep 2025 16:53

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	70.8	106.2#
89	0.0	38.1	57.1#

