

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022274.D
 Acq On : 15 May 2025 19:06
 Operator : SY/MD
 Sample : Q1982-06
 Misc : 3.24g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6

Quant Time: May 16 02:00:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

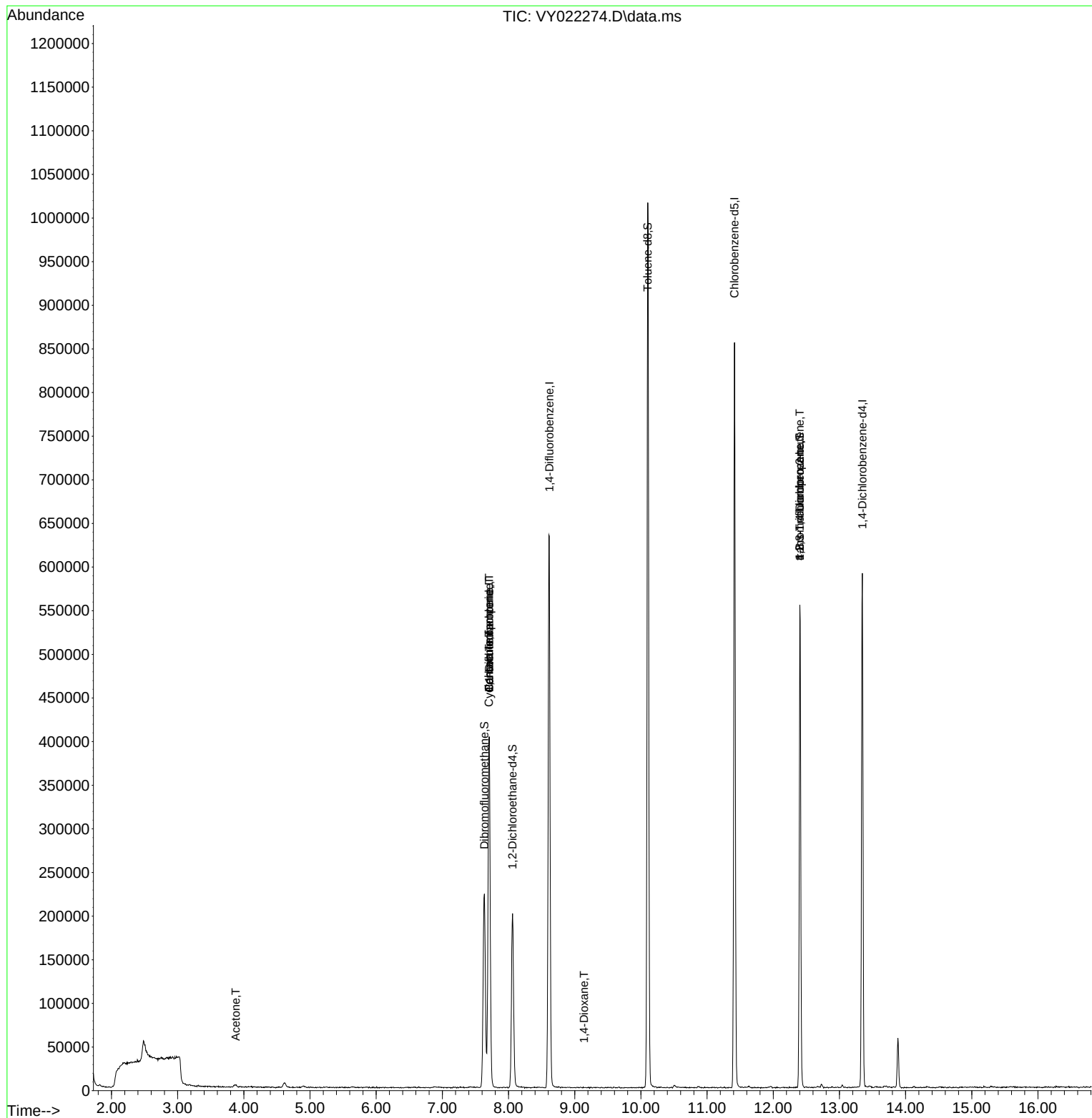
Internal Standards						
1) Pentafluorobenzene	7.707	168	302935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	529384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	407189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	138768	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	150422	45.434	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.860%		
35) Dibromofluoromethane	7.634	113	156818	49.631	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.260%		
50) Toluene-d8	10.103	98	631509	48.800	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.600%		
62) 4-Bromofluorobenzene	12.402	95	155235	37.846	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	75.700%		
Target Compounds					Qvalue	
16) Acetone	3.879	43	5797	9.338	ug/l	91
31) Cyclohexane	7.701	56	8131	1.214	ug/l #	28
36) 1,1-Dichloropropene	7.707	75	26843	5.158	ug/l #	51
38) Carbon Tetrachloride	7.707	117	31429	5.834	ug/l #	16
49) 1,4-Dioxane	9.140	88	24	1.059	ug/l #	1
76) 1,2,3-Trichloropropane	12.402	75	89937	63.973	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	89937	129.592	ug/l #	12

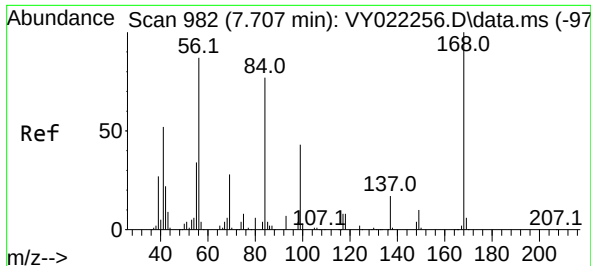
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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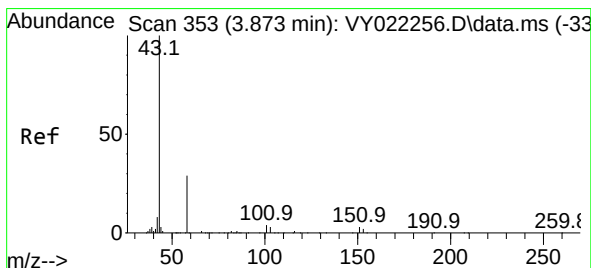
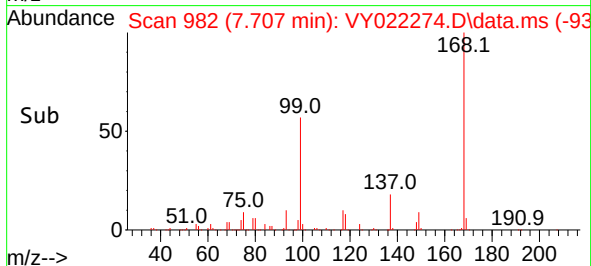
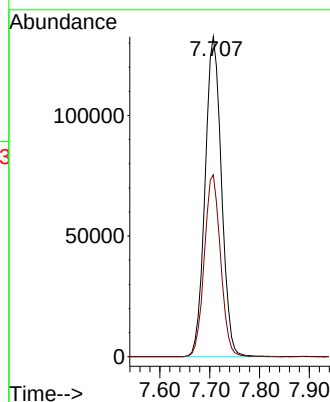
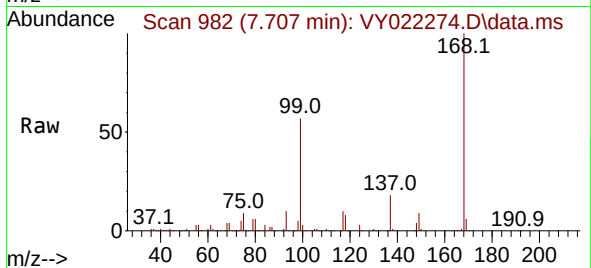




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022274.D
Acq: 15 May 2025 19:06

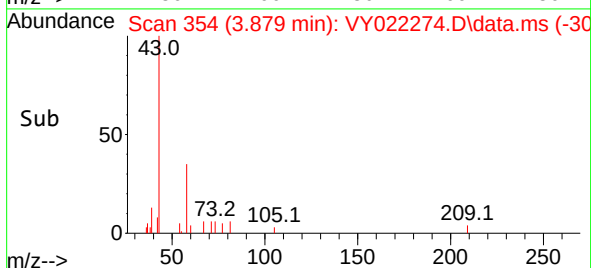
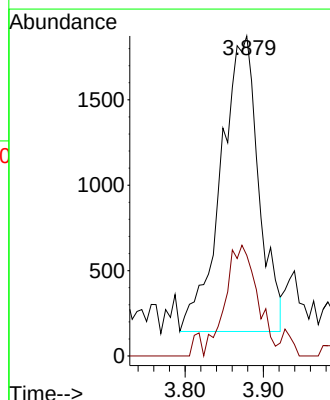
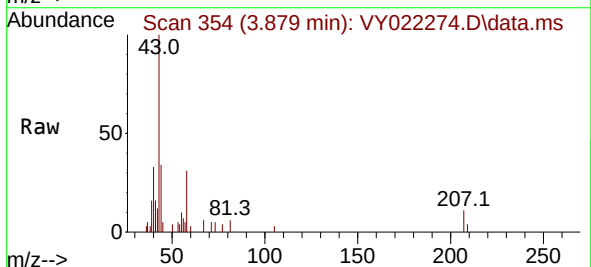
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

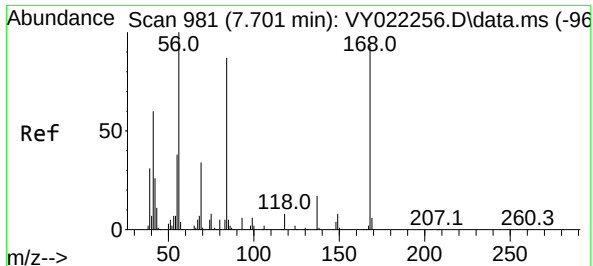
Tgt Ion:168 Resp: 302935
Ion Ratio Lower Upper
168 100
99 56.9 44.2 66.4



#16
Acetone
Concen: 9.338 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY022274.D
Acq: 15 May 2025 19:06

Tgt Ion: 43 Resp: 5797
Ion Ratio Lower Upper
43 100
58 34.1 23.6 35.4

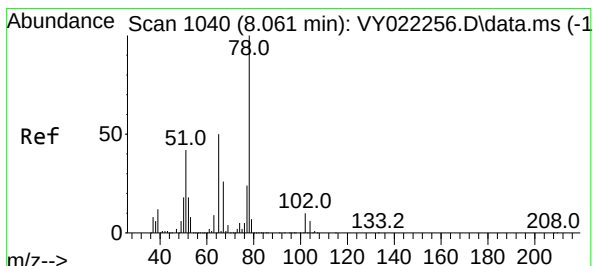
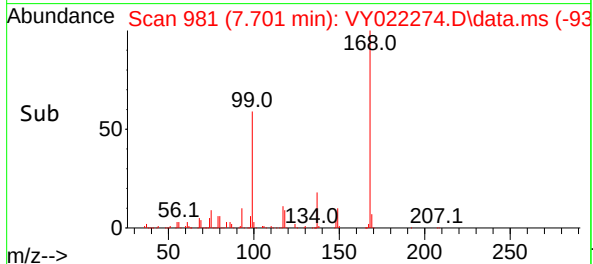
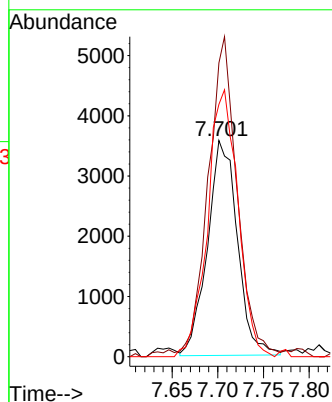
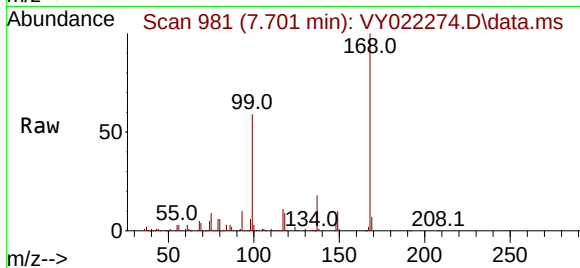




#31
Cyclohexane
Concen: 1.214 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022274.D
Acq: 15 May 2025 19:06

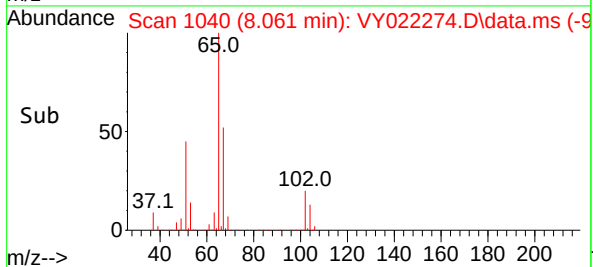
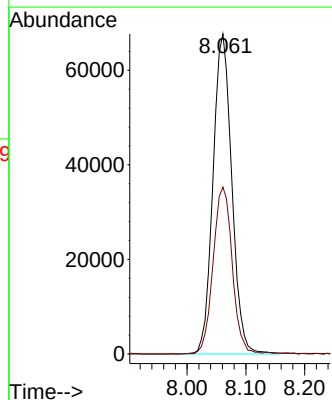
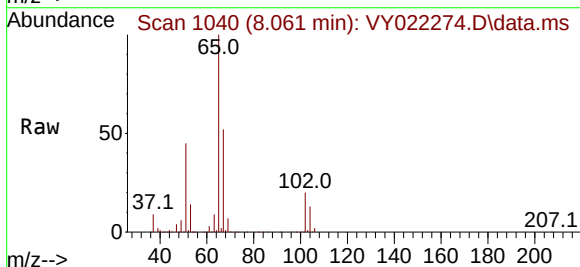
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

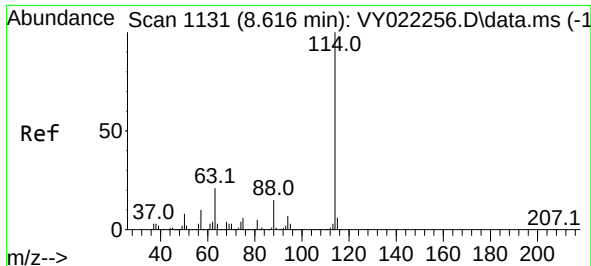
Tgt Ion: 56 Resp: 8131
Ion Ratio Lower Upper
56 100
69 136.2 27.4 41.2#
84 116.2 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 45.434 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY022274.D
Acq: 15 May 2025 19:06

Tgt Ion: 65 Resp: 150422
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.6

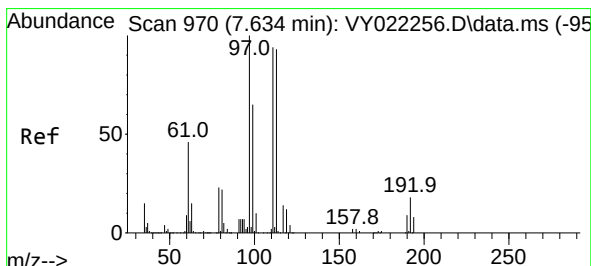
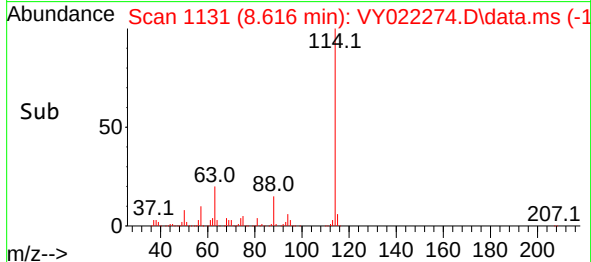
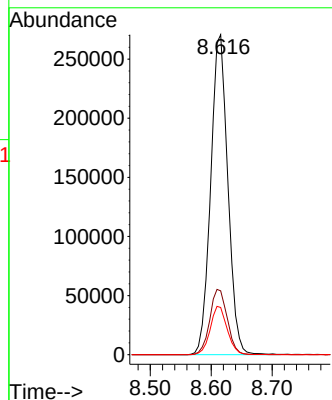
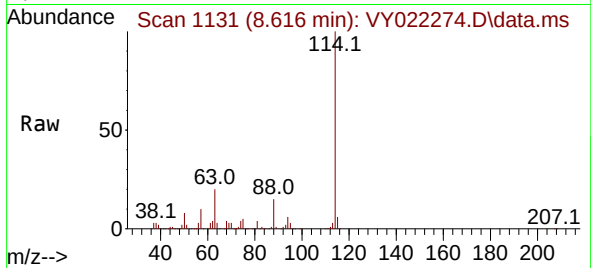




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022274.D
Acq: 15 May 2025 19:06

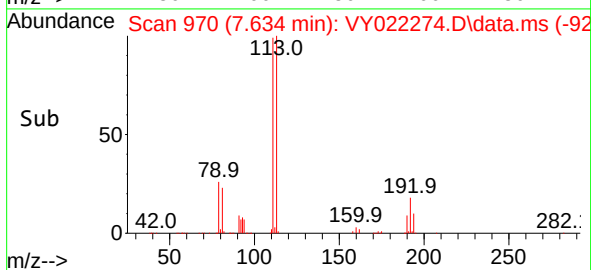
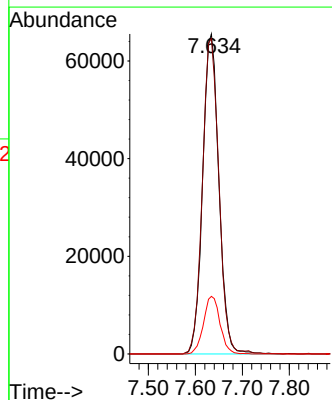
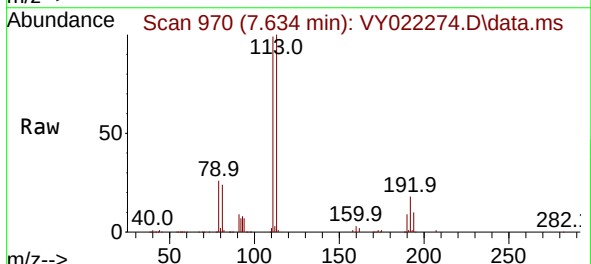
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

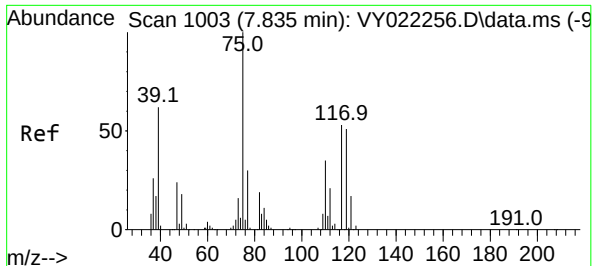
Tgt Ion:114 Resp: 529384
Ion Ratio Lower Upper
114 100
63 20.0 0.0 41.0
88 14.7 0.0 29.4



#35
Dibromofluoromethane
Concen: 49.631 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY022274.D
Acq: 15 May 2025 19:06

Tgt Ion:113 Resp: 156818
Ion Ratio Lower Upper
113 100
111 100.3 82.6 123.8
192 18.3 15.2 22.8





#36

1,1-Dichloropropene

Concen: 5.158 ug/l

RT: 7.707 min Scan# 9

Delta R.T. -0.128 min

Lab File: VY022274.D

Acq: 15 May 2025 19:06

Instrument :

MSVOA_Y

ClientSampleId :

TP-6

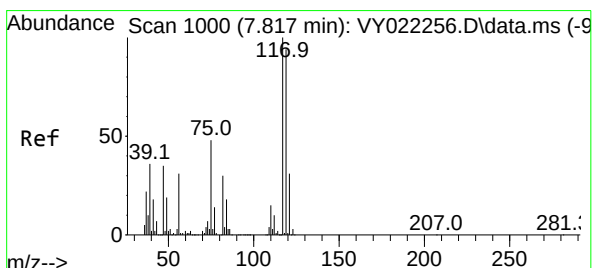
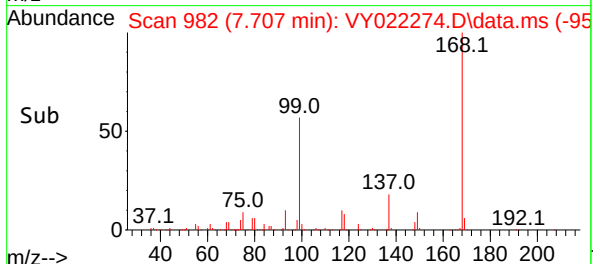
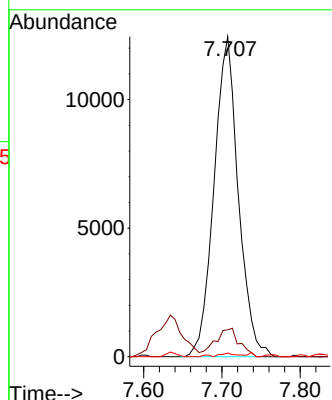
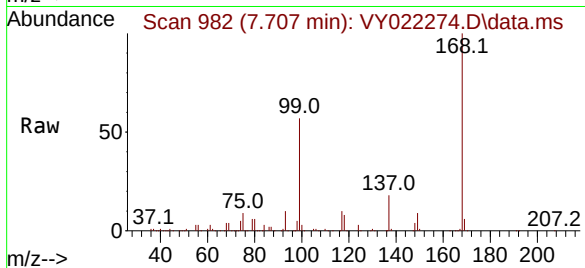
Tgt Ion: 75 Resp: 26843

Ion Ratio Lower Upper

75 100

110 8.7 16.6 49.8#

77 0.7 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.834 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.110 min

Lab File: VY022274.D

Acq: 15 May 2025 19:06

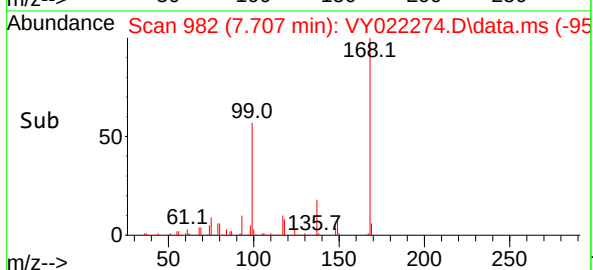
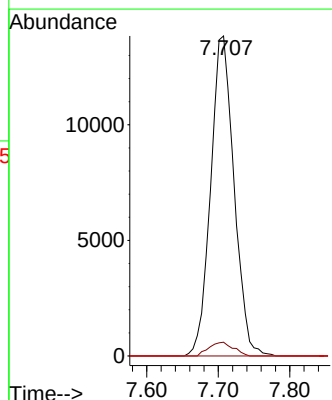
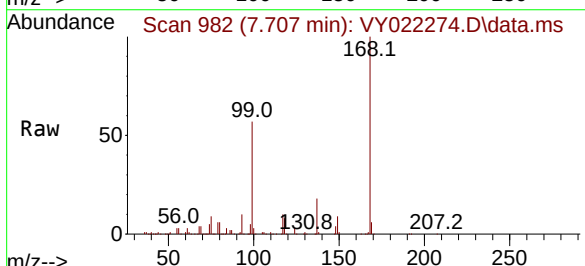
Tgt Ion: 117 Resp: 31429

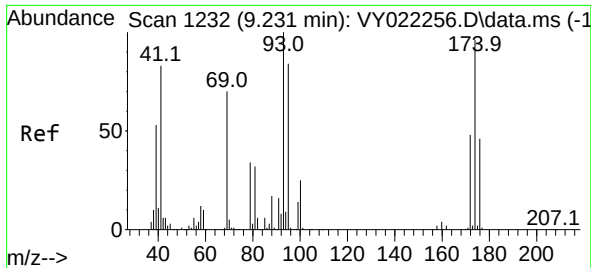
Ion Ratio Lower Upper

117 100

119 4.3 75.3 112.9#

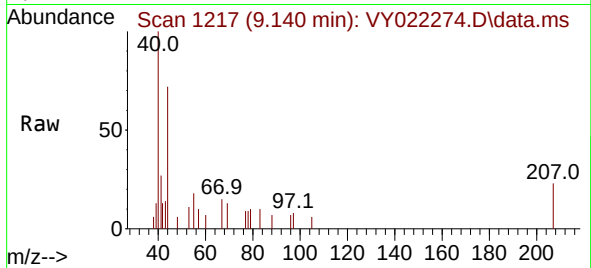
121 0.0 24.7 37.1#



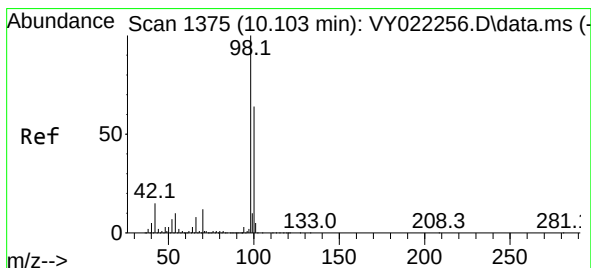
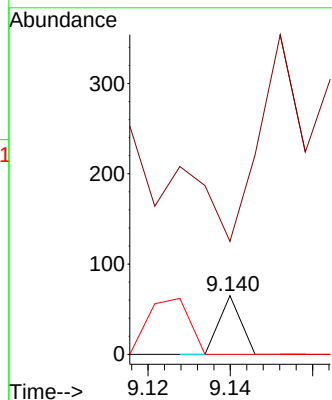
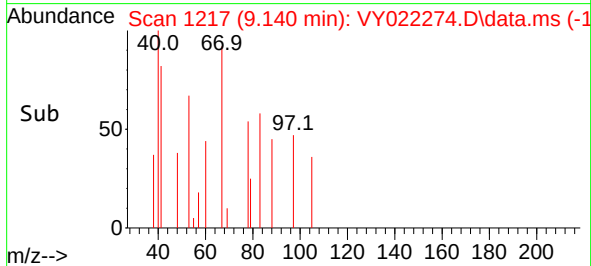


#49
1,4-Dioxane
Concen: 1.059 ug/l
RT: 9.140 min Scan# 11
Delta R.T. -0.091 min
Lab File: VY022274.D
Acq: 15 May 2025 19:06

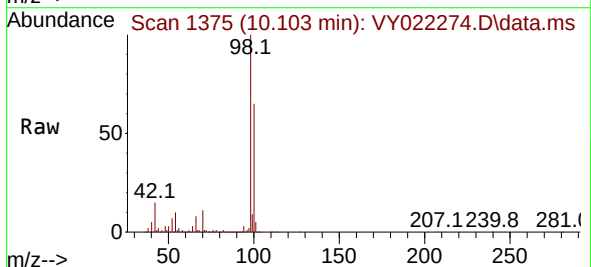
Instrument :
MSVOA_Y
ClientSampleId :
TP-6



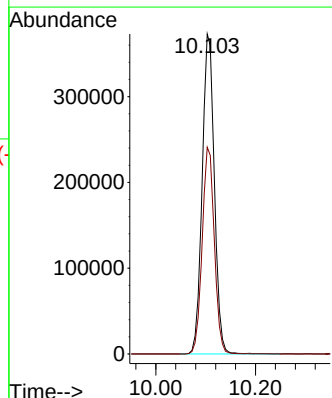
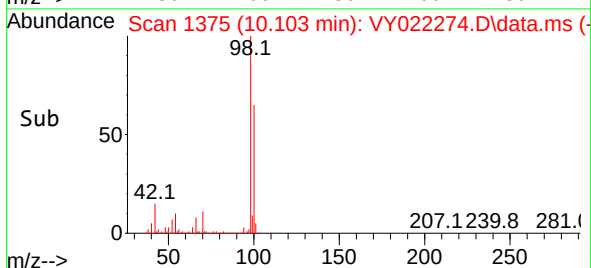
Tgt Ion: 88 Resp: 24
Ion Ratio Lower Upper
88 100
43 0.0 28.5 42.7#
58 179.2 61.4 92.2#

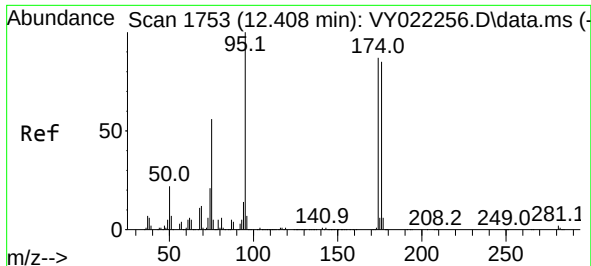


#50
Toluene-d8
Concen: 48.800 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY022274.D
Acq: 15 May 2025 19:06



Tgt Ion: 98 Resp: 631509
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.8

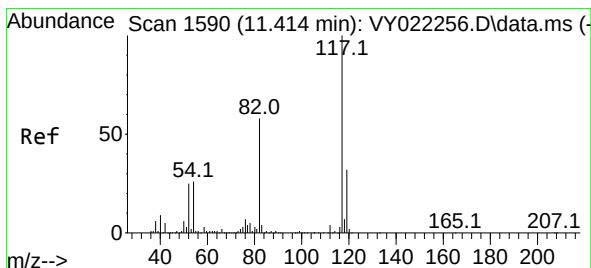
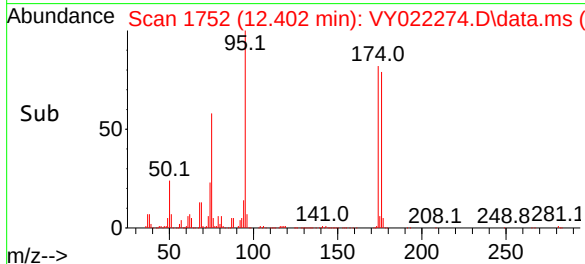
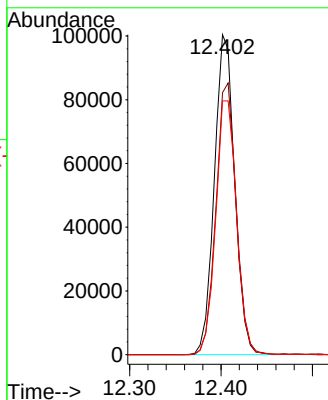
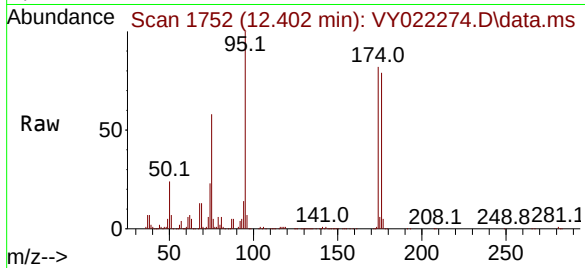




#62
4-Bromofluorobenzene
Concen: 37.846 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022274.D
Acq: 15 May 2025 19:06

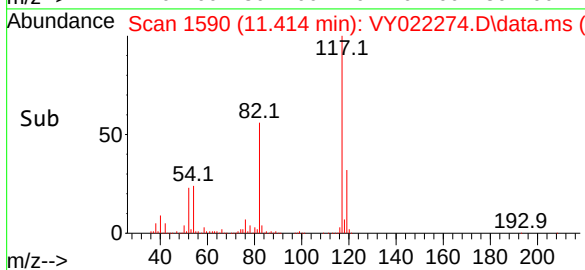
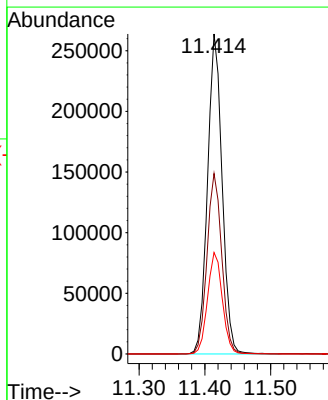
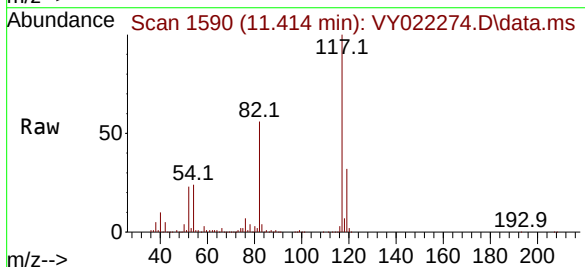
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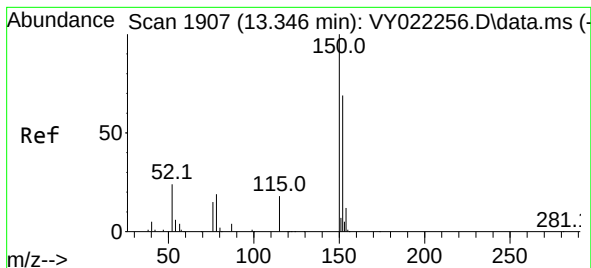
Tgt Ion: 95 Resp: 155235
Ion Ratio Lower Upper
95 100
174 85.1 0.0 166.8
176 81.5 0.0 160.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY022274.D
Acq: 15 May 2025 19:06

Tgt Ion: 117 Resp: 407189
Ion Ratio Lower Upper
117 100
82 56.4 46.6 70.0
119 31.7 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022274.D

Acq: 15 May 2025 19:06

Instrument :

MSVOA_Y

ClientSampleId :

TP-6

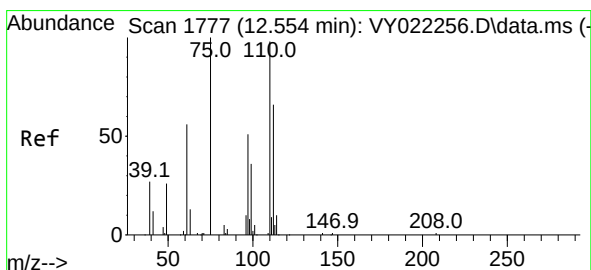
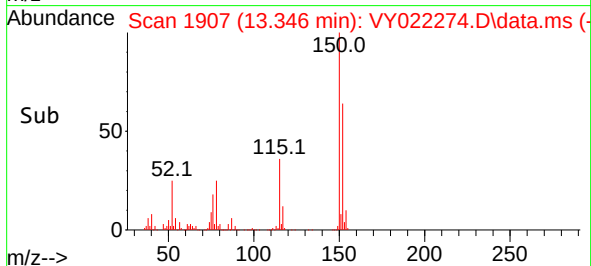
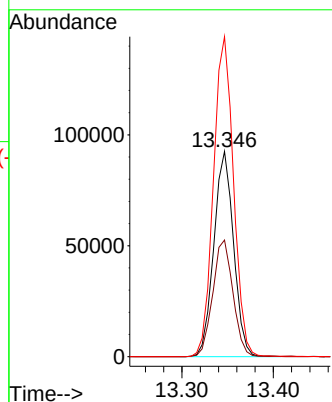
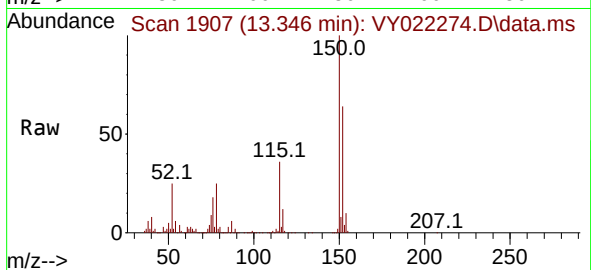
Tgt Ion:152 Resp: 138768

Ion Ratio Lower Upper

152 100

115 58.1 29.4 88.2

150 158.7 0.0 353.8



#76

1,2,3-Trichloropropane

Concen: 63.973 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.152 min

Lab File: VY022274.D

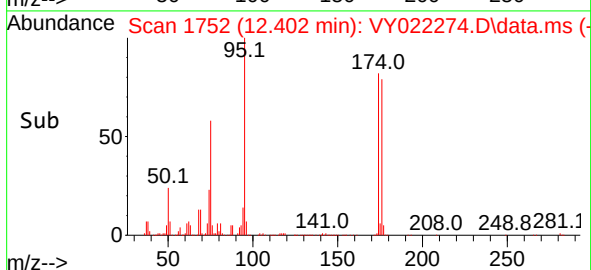
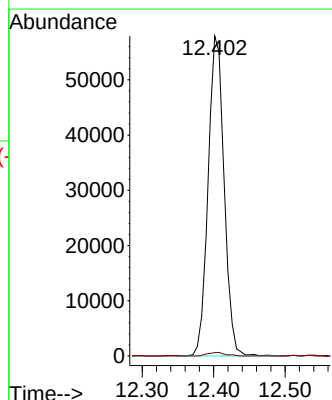
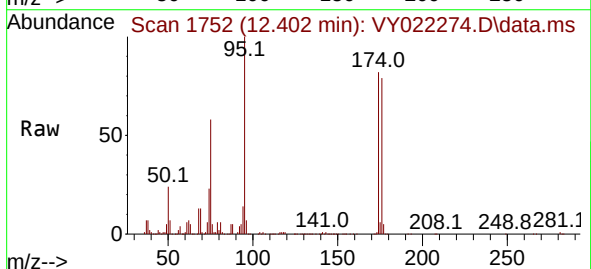
Acq: 15 May 2025 19:06

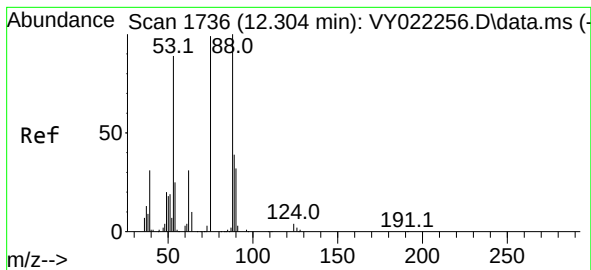
Tgt Ion: 75 Resp: 89937

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.592 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY022274.D
 Acq: 15 May 2025 19:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6

Tgt Ion: 75 Resp: 89937
 Ion Ratio Lower Upper
 75 100
 53 0.1 75.8 113.8#
 89 0.0 36.2 54.2#

