

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051625\
 Data File : VY022287.D
 Acq On : 16 May 2025 13:41
 Operator : SY/MD
 Sample : Q1982-02
 Misc : 15.26g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2B

Quant Time: May 17 01:32:54 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)

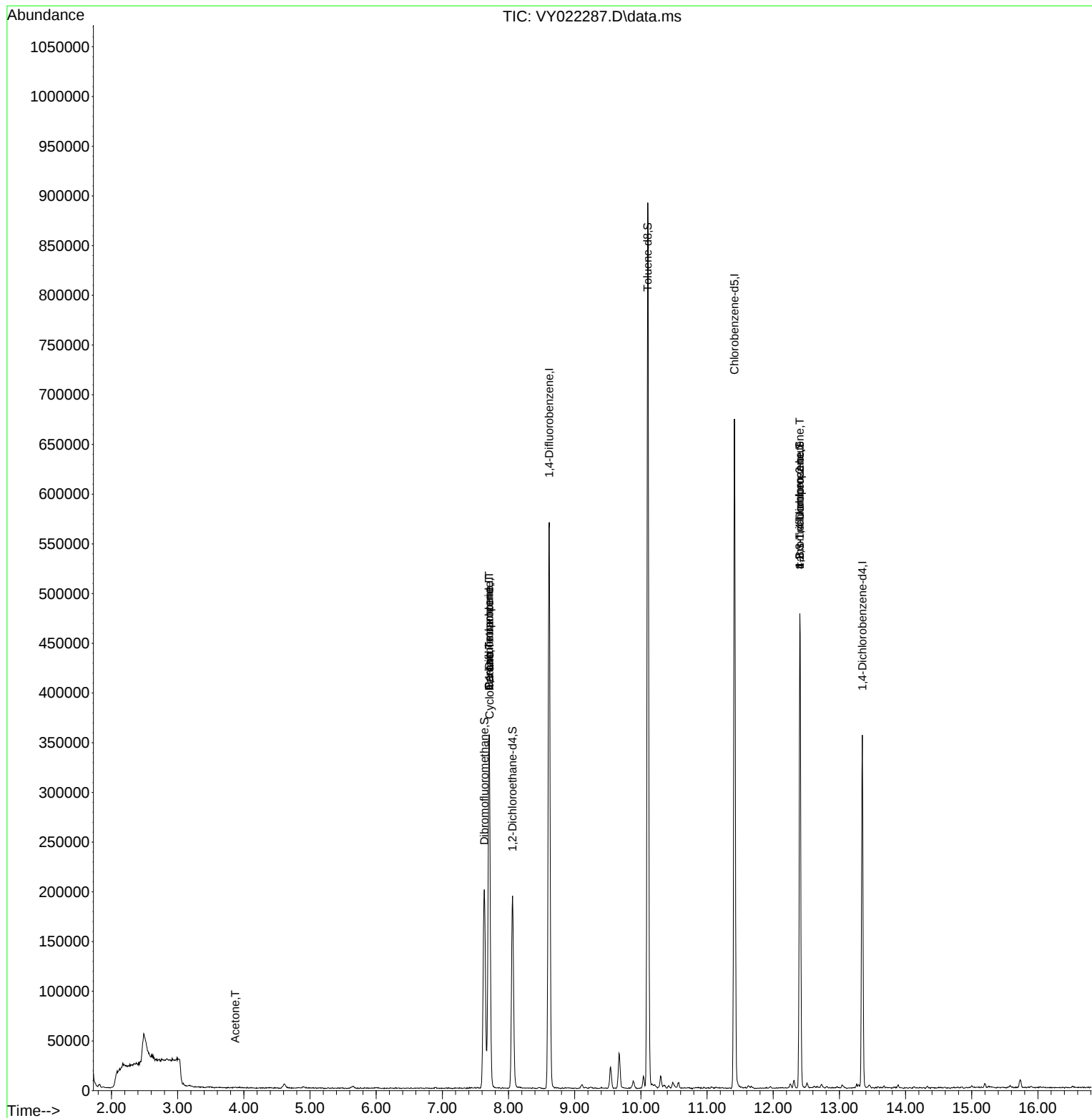
Internal Standards						
1) Pentafluorobenzene	7.707	168	272623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	473712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	327253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	82963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	146188	49.064	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.120%
35) Dibromofluoromethane	7.634	113	142338	50.343	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.680%
50) Toluene-d8	10.103	98	553522	47.801	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.600%
62) 4-Bromofluorobenzene	12.401	95	133997	36.508	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.020%
Target Compounds						
					Qvalue	
16) Acetone	3.872	43	1595	2.855	ug/l #	87
31) Cyclohexane	7.713	56	7571	1.256	ug/l #	49
36) 1,1-Dichloropropene	7.707	75	23175	4.976	ug/l #	52
38) Carbon Tetrachloride	7.707	117	27280	5.659	ug/l #	16
76) 1,2,3-Trichloropropane	12.401	75	78549	93.455	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	78549	189.316	ug/l #	12

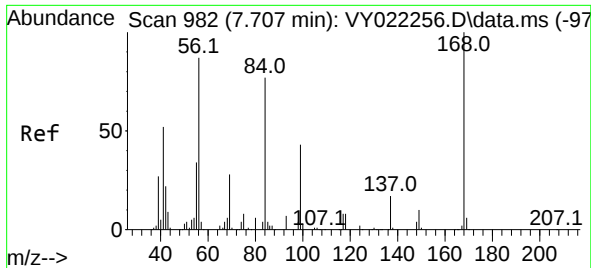
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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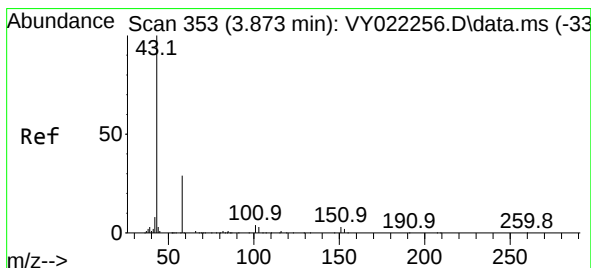
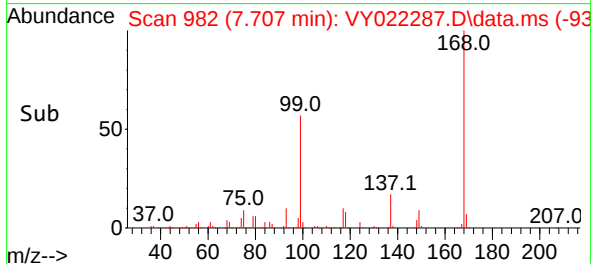
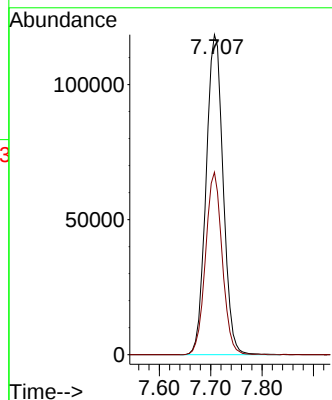
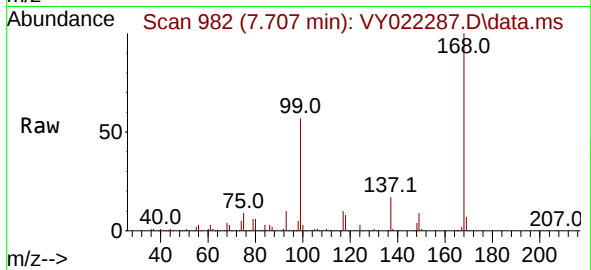




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022287.D
Acq: 16 May 2025 13:41

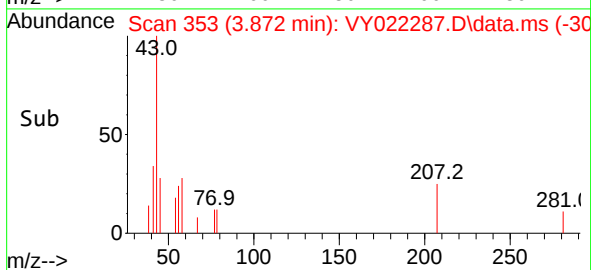
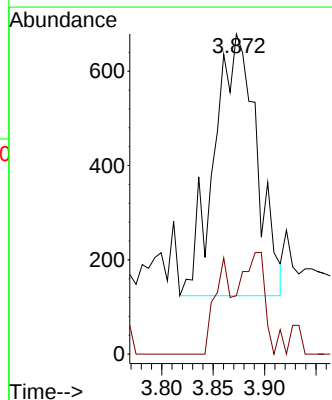
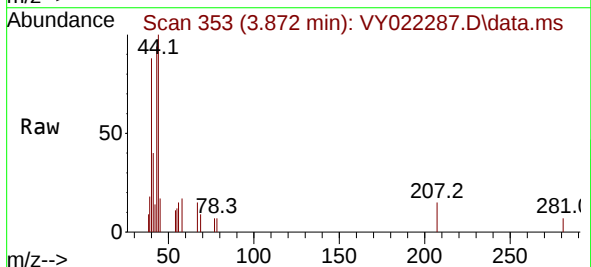
Instrument :
MSVOA_Y
ClientSampleId :
TP-2B

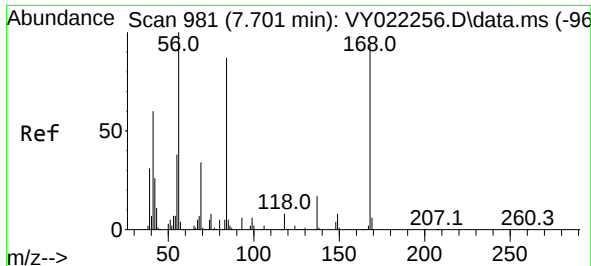
Tgt Ion:168 Resp: 272623
Ion Ratio Lower Upper
168 100
99 57.0 44.2 66.4



#16
Acetone
Concen: 2.855 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY022287.D
Acq: 16 May 2025 13:41

Tgt Ion: 43 Resp: 1595
Ion Ratio Lower Upper
43 100
58 22.3 23.6 35.4#

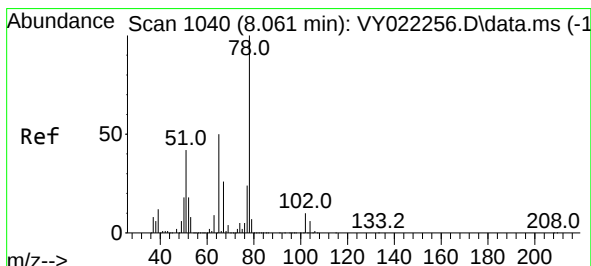
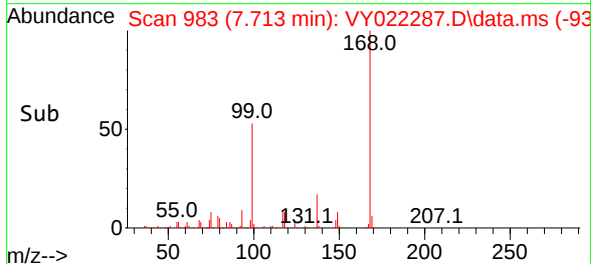
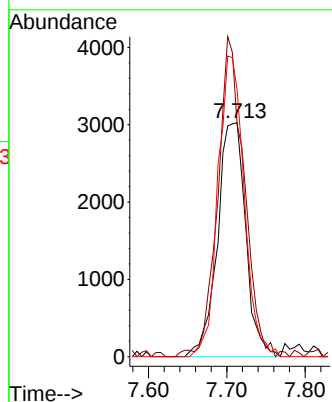
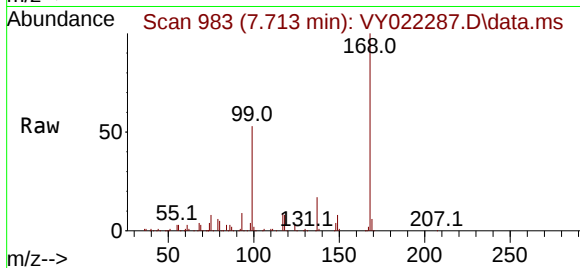




#31
Cyclohexane
Concen: 1.256 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY022287.D
Acq: 16 May 2025 13:41

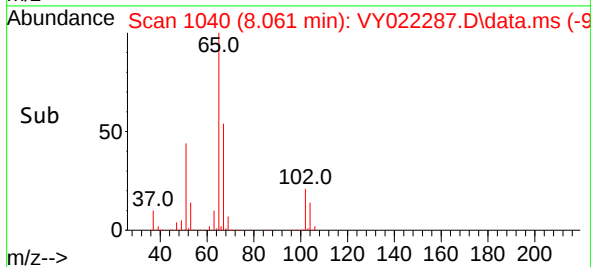
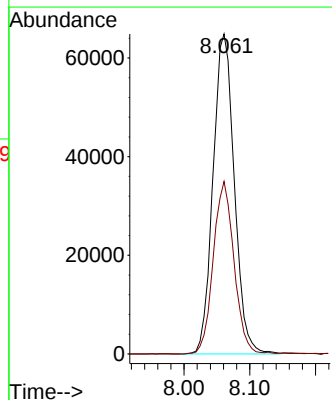
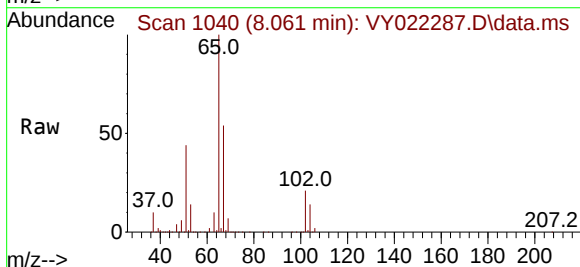
Instrument :
MSVOA_Y
ClientSampleId :
TP-2B

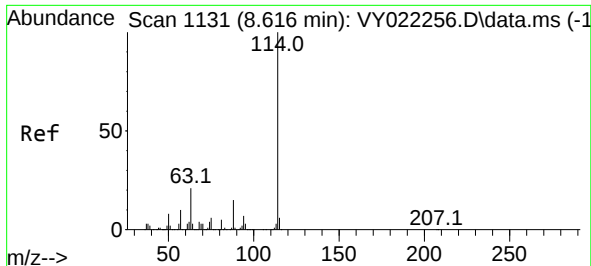
Tgt Ion: 56 Resp: 7571
Ion Ratio Lower Upper
56 100
69 97.4 27.4 41.2#
84 113.9 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 49.064 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022287.D
Acq: 16 May 2025 13:41

Tgt Ion: 65 Resp: 146188
Ion Ratio Lower Upper
65 100
67 52.6 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: VY022287.D

Acq: 16 May 2025 13:41

Instrument :

MSVOA_Y

ClientSampleId :

TP-2B

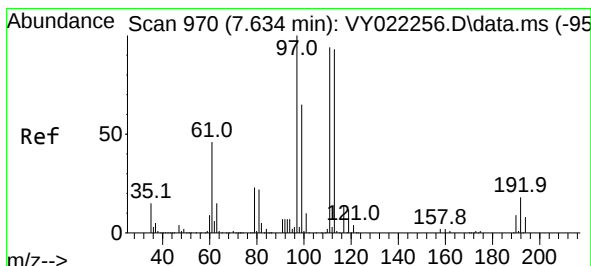
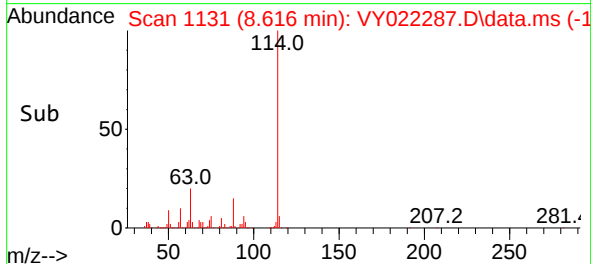
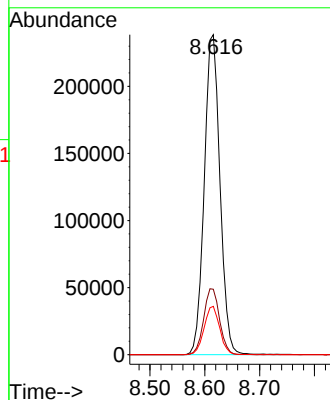
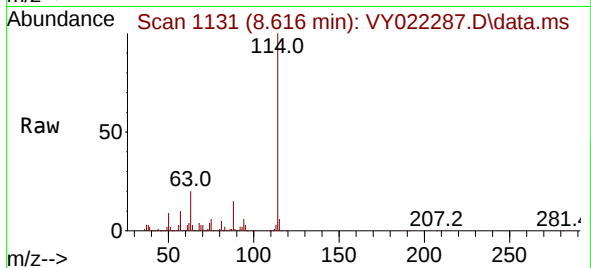
Tgt Ion:114 Resp: 473712

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.0

88 15.1 0.0 29.4



#35

Dibromofluoromethane

Concen: 50.343 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY022287.D

Acq: 16 May 2025 13:41

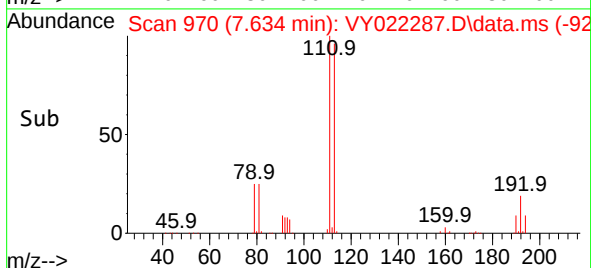
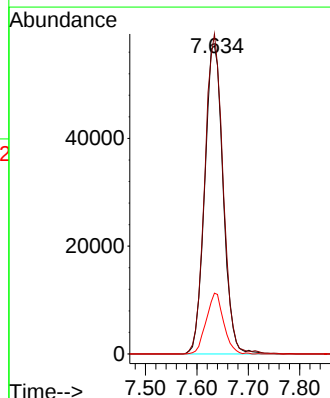
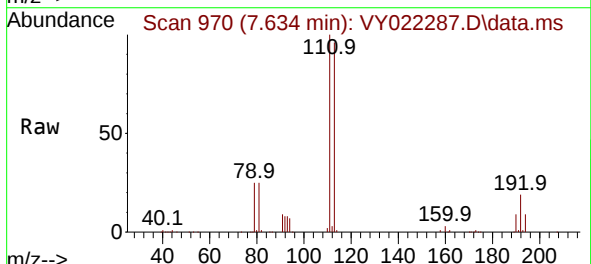
Tgt Ion:113 Resp: 142338

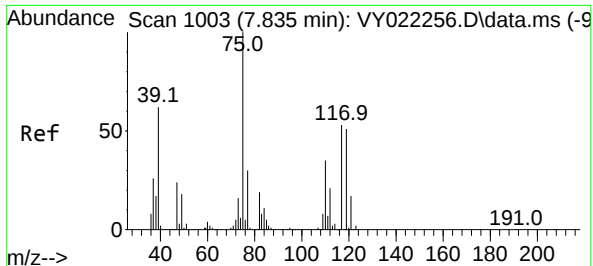
Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

192 18.7 15.2 22.8





#36

1,1-Dichloropropene

Concen: 4.976 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY022287.D

Acq: 16 May 2025 13:41

Instrument :

MSVOA_Y

ClientSampleId :

TP-2B

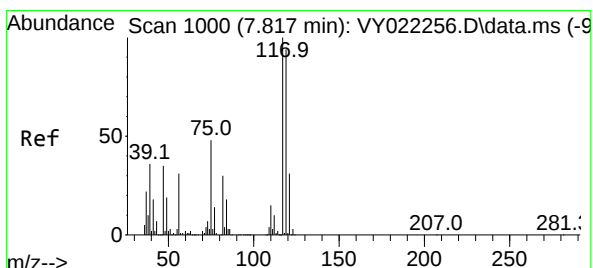
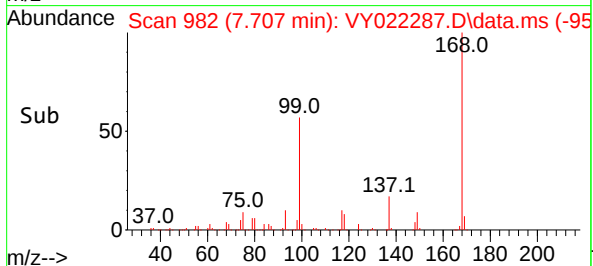
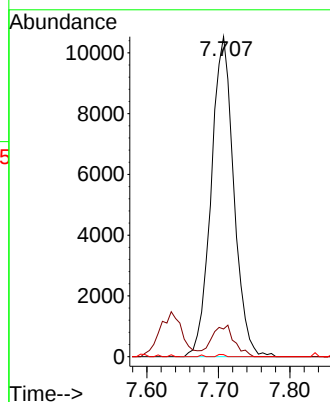
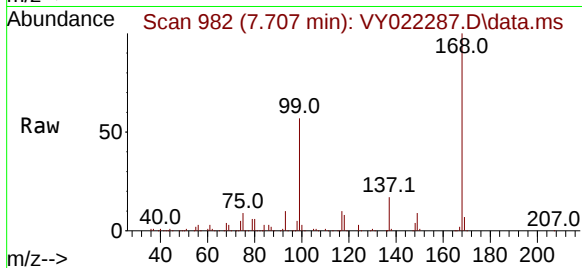
Tgt Ion: 75 Resp: 23175

Ion Ratio Lower Upper

75 100

110 9.9 16.6 49.8#

77 0.2 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.659 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.110 min

Lab File: VY022287.D

Acq: 16 May 2025 13:41

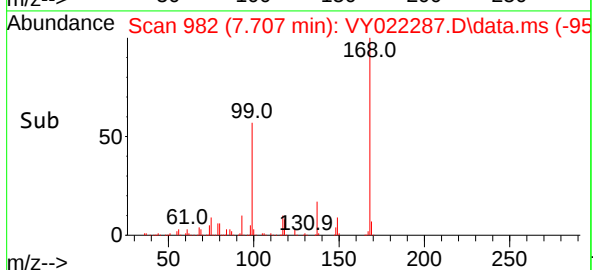
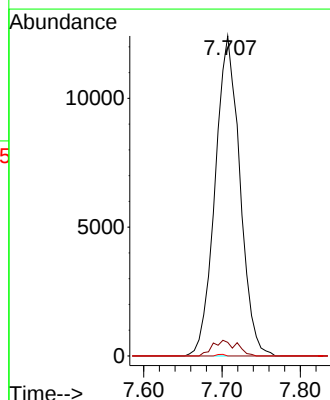
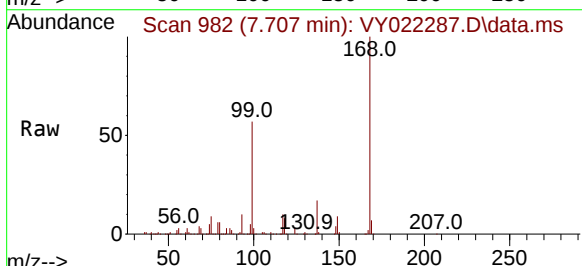
Tgt Ion: 117 Resp: 27280

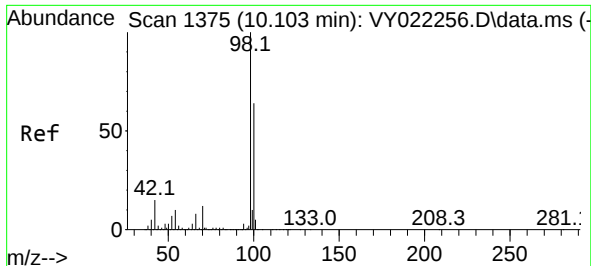
Ion Ratio Lower Upper

117 100

119 4.3 75.3 112.9#

121 0.0 24.7 37.1#

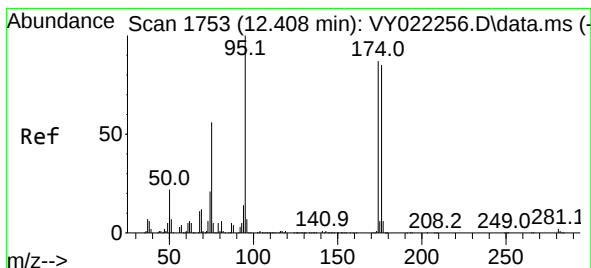
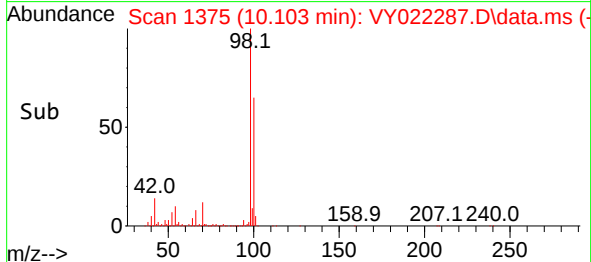
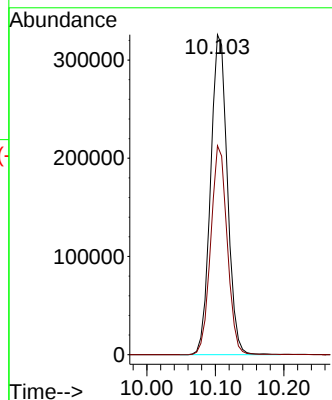
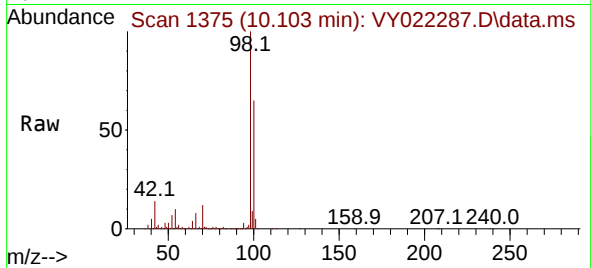




#50
Toluene-d8
Concen: 47.801 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022287.D
Acq: 16 May 2025 13:41

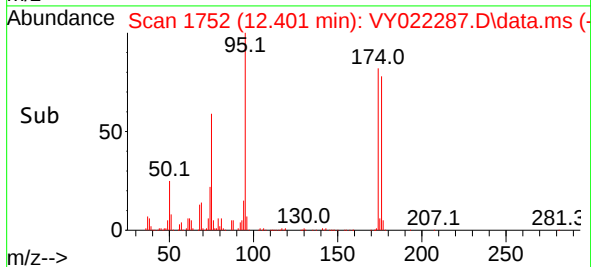
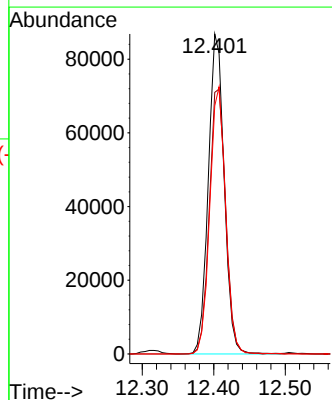
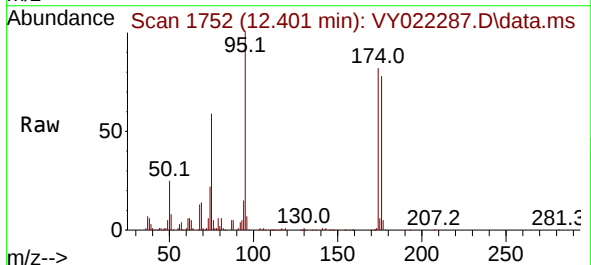
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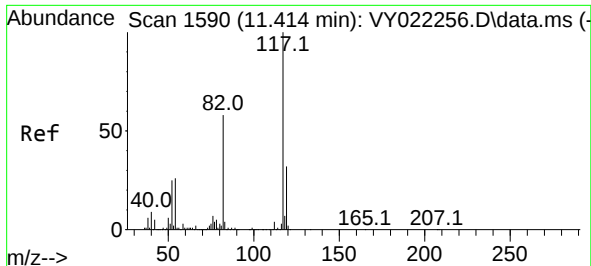
Tgt Ion: 98 Resp: 553522
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 36.508 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022287.D
Acq: 16 May 2025 13:41

Tgt Ion: 95 Resp: 133997
Ion Ratio Lower Upper
95 100
174 85.6 0.0 166.8
176 82.9 0.0 160.8

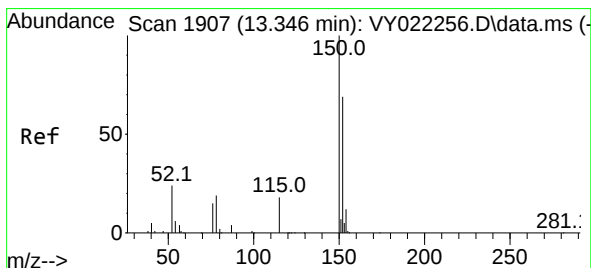
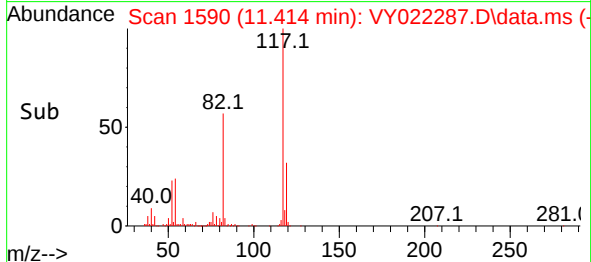
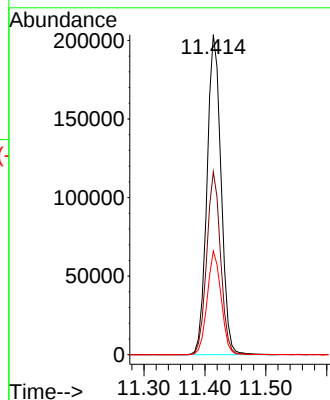
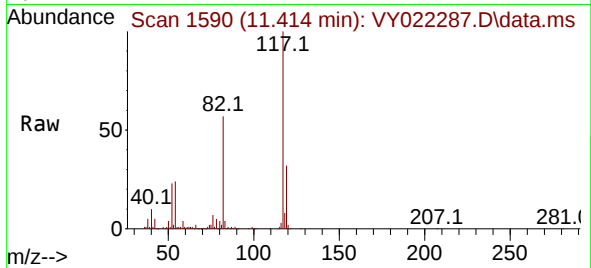




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY022287.D
Acq: 16 May 2025 13:41

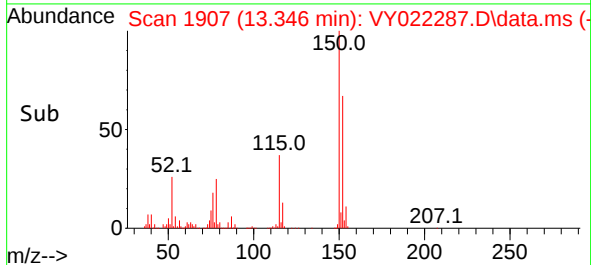
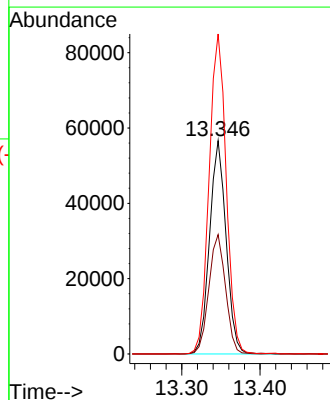
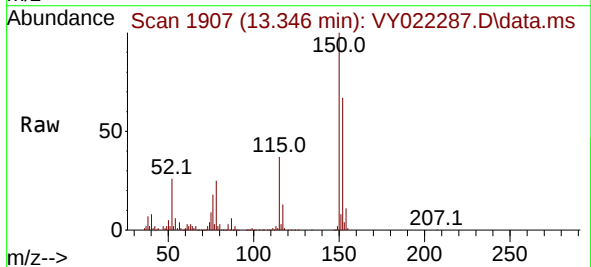
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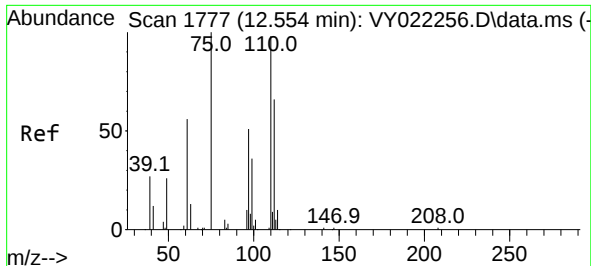
Tgt Ion:117 Resp: 327253
Ion Ratio Lower Upper
117 100
82 57.1 46.6 70.0
119 32.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022287.D
Acq: 16 May 2025 13:41

Tgt Ion:152 Resp: 82963
Ion Ratio Lower Upper
152 100
115 56.5 29.4 88.2
150 155.1 0.0 353.8

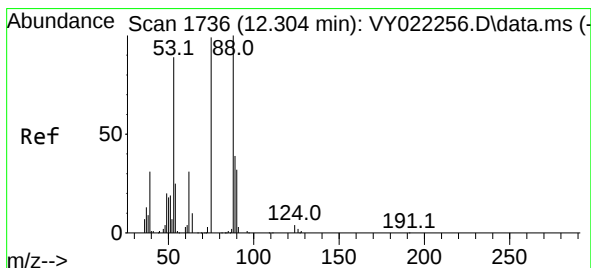
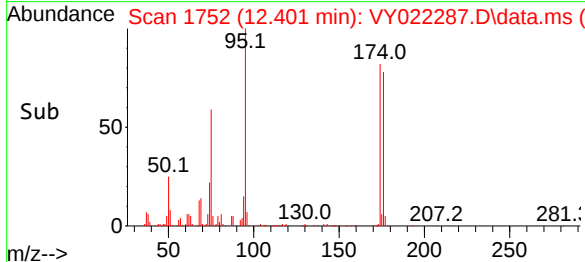
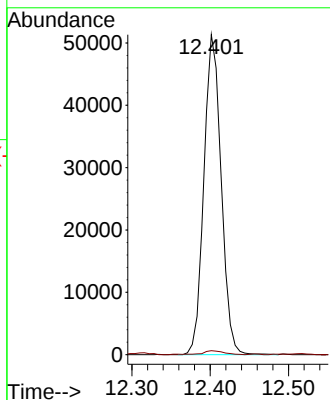
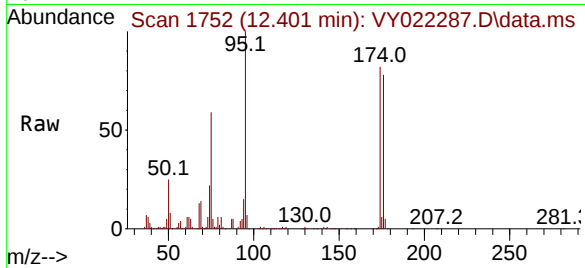




#76
1,2,3-Trichloropropane
Concen: 93.455 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.152 min
Lab File: VY022287.D
Acq: 16 May 2025 13:41

Instrument :
MSVOA_Y
ClientSampleId :
TP-2B

Tgt Ion: 75 Resp: 78549
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 189.316 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.097 min
Lab File: VY022287.D
Acq: 16 May 2025 13:41

Tgt Ion: 75 Resp: 78549
Ion Ratio Lower Upper
75 100
53 0.0 75.8 113.8#
89 0.0 36.2 54.2#

